

Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-31 July 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 15 August 2023

MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

July 2023

ABBREVIATIONS

CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ¹
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (at central level, within MCTID)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

¹ The Ministry has been merged and renamed. Former name - Ministry of Communities and Territories Development (MCTD) is used in the EIB-UNDP Agreement and other documentation

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	8
3. Capacity development.....	8
4. Compliance, Sanctions and Anti-corruption.....	8
5. Security.....	8
Record of key meetings and consultations in the reporting period.....	9
Assessment of any encountered challenges and ways to overcome them.....	10
Visibility and Communication Measures.....	10
Planning for the next month's activities - upcoming major tasks, meetings.....	10
Annex 1. UNDP team organigramme.....	11

General information

This is the first operational report of the UNDP prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of certain energy efficiency investment sub-projects (25 October 2022, Berlin)*. The report covers a period of July 2023 including the overview of the developments from the date of entry into force of the Agreement.

The structure of the current report is simplified considering that the implementation stage of the UPBEE programme where the main contribution from the UNDP is expected, has not started.

Currently, the UNDP engaged 6 specialists (4 female and 2 men) in two duty stations:

- National Project Manager, Kyiv
- Project Officer, Kyiv
- Project Associate, Kyiv
- Engineering Analyst, Kyiv
- Energy Efficiency Analyst, Kyiv
- Energy Efficiency Analyst, Odesa

The specialists assumed their duties in June-July 2023. Recruitment of the rest 9 specialists and three drivers is ongoing. The UNDP technical assistance (TA) specialists will be located in Kyiv co-ordination center and regional offices in Dnipro, Odesa and Uzhhorod (Mukachevo). The team organizational structure is presented in Annex 1.

The UNDP TA team completed the UNDP mandatory training courses and familiarized themselves with the UPBEE Programme informational materials and operational manuals produced by the Programme Management and Support Unit.

The Project Document with necessary Annexes was developed in line with UNDP policies and submitted for Local Project Appraisal Committee review.

1. Sub-Projects Preparation and Procurement

This section gives an overview of the results of UPBEE Programme initiation and selection process that is led by the Ministry for Communities, Territories and Infrastructure Development of Ukraine and technical assistance of the Programme Management and Support Unit.

The 1st Call of Proposals was launched on 03 April 2023 and closed on 03 June 2023. As of the end of July, they have been appraised. While the final results of the appraisal need to be officially approved, according to the report of the MCTID and the working database provided by the PMSU, the state of the situation can be described as follows.

Overall, 28 municipalities applied for the UPBEE Programme with 61 sub-projects in total. 12 regions (oblasts) participated in the programme, the largest number of projects submitted from Ternopil oblast (see Fig. 1).

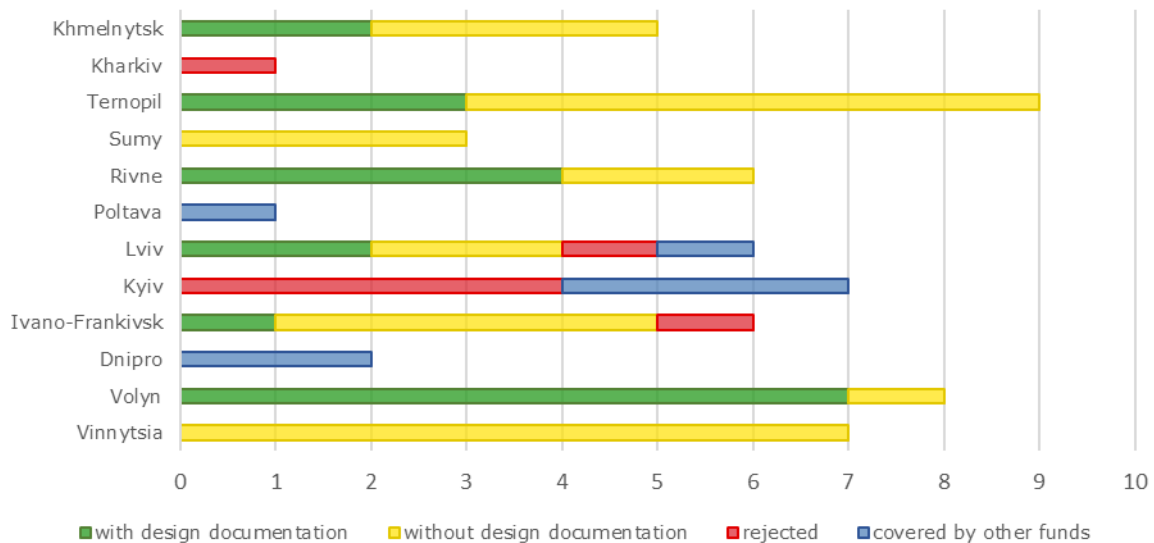


Figure 1. Distribution of the sub-projects within administrative regions (oblasts)

The majority of the submitted sub-projects relate to health (52%) and educational (43%) facilities.

All the applications were categorized into four groups:

- Group 1 - Green category (so-called "early adopters") of applications with design and audit documents that are ready to start procurement and construction;
- Group 2 - Yellow category of applications that have to develop design documents and can be applicable to the NIP grant;
- Group 3 - Red category of applications that are not relevant to the UPBEE Programme;
- Group 4 - Blue category of applications that received financial support from Recovery Programme.

At the reporting period, out of 28 municipalities that applied for the UPBEE Programme, nine municipalities have design documentation for 19 sub-projects in total. These municipalities are located in 6 oblasts in the western and northern parts of Ukraine. Ten municipalities with 28 sub-projects in total need design documentation and are potentially applicable for the NIP grant. These municipalities extend the coverage of the UPBEE to central and eastern parts of the country (see Fig. 2).

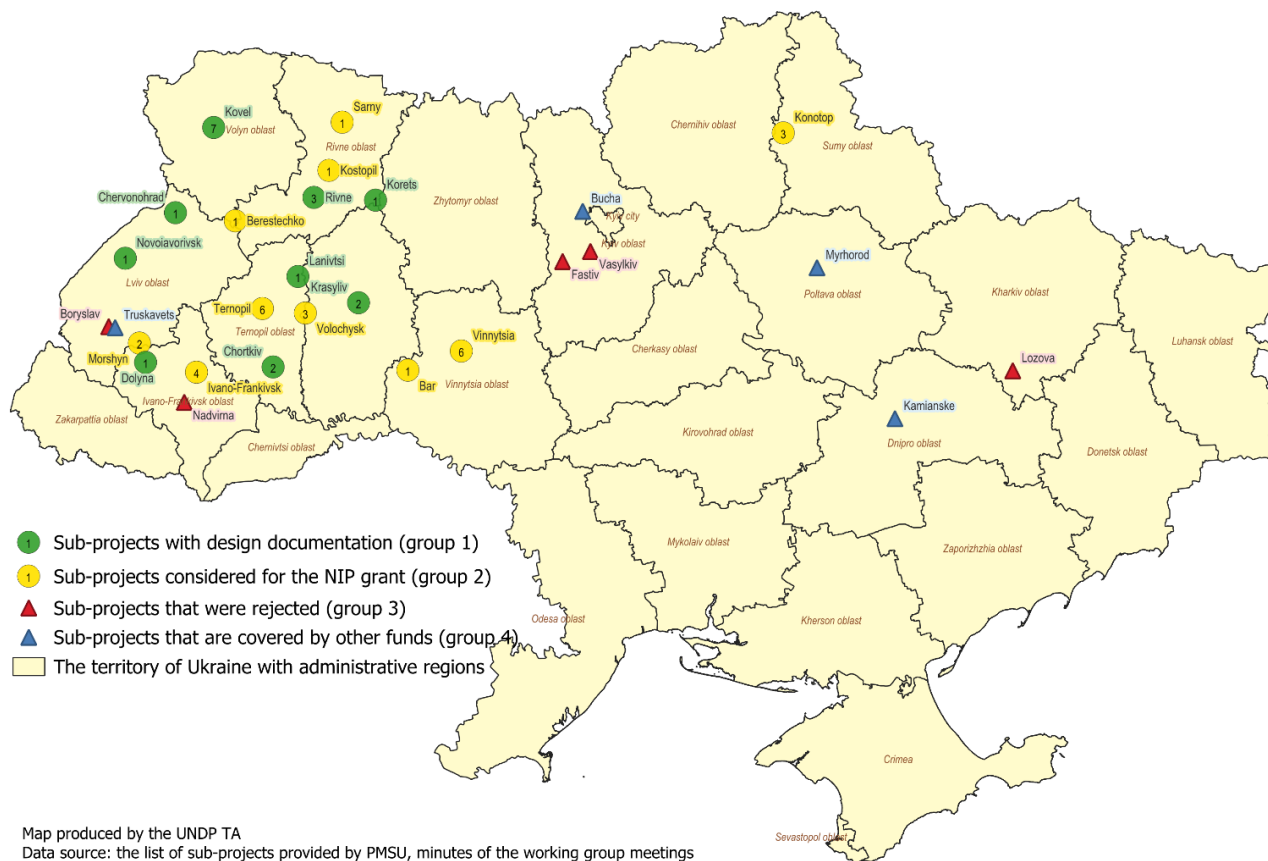


Figure 2. Municipalities that applied to the 1st Call of Proposals within the UPBEE Programme

According to the PMSU evaluation, the first tranche of the EIB loan in the amount of almost 12 mln can be allocated to 9 municipalities; around 30 mln can be distributed to 10 municipalities after finalizing the design documentation. The distribution of requested costs per each category along with the number of the sub-projects are presented in the table below.

	Group 1 Green category	Group 2 Yellow category	Group 3 Red category	Group 4 Blue category	Total
Number of municipalities	9	10	5	4	28
Number of Sub-Projects	19	28	7	7	61
Estimated budget (EUR)	11,824,666	30,436,245 ²	2,488,063	6,342,271	51,091,245

² The financial assumptions are approximate and needs to be updated

The size of targeted communities (groups 1 and 2) ranges as follows:

- 5-20 thous. of inhabitants – two communities;
- 20-30 thous. – four;
- 30-55 thous. – six;
- 55-100 thous. – four;
- more than 200 thous. – three.

On 17 July the PMSU shared the working list of sub-projects, the UNDP TA specialists reviewed the documents and submitted some comments for consideration, specifically:

Engineering Analyst - highlighted issues regarding budgeting the indirect expenses on the risks and inflation in the applications of four municipalities.

Energy Efficiency Analysts – provided a general overview of the fulfilment of applications to energy efficiency requirements.

- All energy performance certificates are registered in the Unified State Electronic System in the Construction Sector (USESCS) and have the “valid” status.
- Most buildings have the lowest energy efficiency classes G-F.
- Most of the buildings after retrofit will have class C, which is the minimum requirement for energy efficiency in Ukraine.
- The proposed energy efficiency measures in the energy audits are mainly aimed at improving the thermal characteristics of the enclosing structures.

2. Sub-Projects Implementation and Monitoring

This section is not covered as the implementation phase has not started yet.

3. Capacity development

In April-May 2023, the UNDP supported 10 webinars for the communities to facilitate the first Call of Proposals for sub-projects that reached 771 participants in total (59% women).

4. Compliance, Sanctions and Anti-corruption

This section is not covered as the implementation phase has not started yet.

5. Security

The UNDP TA regularly monitors the security situation in the country and the area of municipalities that were applied for the UPBEE Programme. As of now western and northern parts of Ukraine where the majority of potential sub-project will be implemented have the least security risk in the country.

The operational security map with the critical lines as of 31 July is presented below (Fig.3).

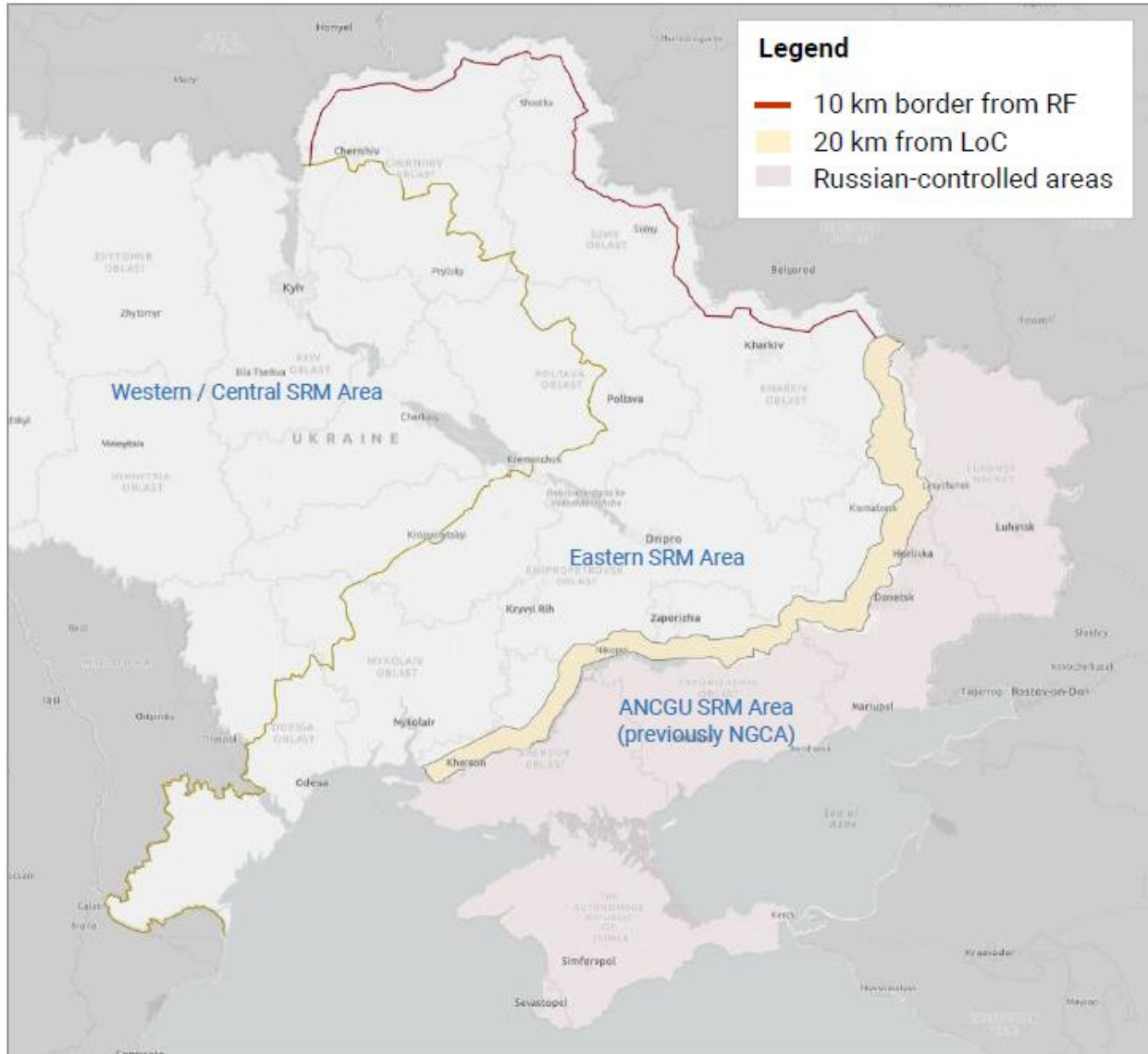


Figure 3. Indicative boundaries for high-risk area, provided by the UNDP Security Department

The UNDP TA personnel completed the mandatory B-safe course and is registered for the S-Safe training course in September which is required for the personnel who is performing site-visits.

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
14.12.22	online	Project kick-off meeting	Presentation of the project and the role of UNDP TA
13.07.23	online	UPBEE Working Group meeting	General overview of received application after the first Call of Proposals

Date	Format	Name	Context
28.06.23	online	UPBEE Working Group meeting	The status of the sub-projects' appraisal process; discussion of the 2nd Call of Proposal and NIP grant; preliminarily schedule planning
19.07.23	online	UPBEE Working Group meeting	Operational issues with the Ministry of Finance of Ukraine; updates on the Sub-Projects' appraisal process
26.07.23	Kyiv/hybrid	5th Project Board Meeting of the GEF Project "Removing Barriers to Increase Investment in Energy Efficiency in Public Buildings in Ukraine through the ESCO Modality in Small and Medium-Sized Cities"	Collaboration with other thematic projects; meeting with national stakeholders

Encountered challenges and ways to overcome them

- The lengthy process on the evaluation and the selection of the municipalities with the sub-projects for investment and insufficient quality of the submitted applications. These challenges can be addressed with the following:
 - The launch of the DREAM platform should help to ease the evaluation process.
 - Better quality of training campaigns for the municipalities based on the lessons learned from the 1st Call of Proposals.
- Low interest among the municipalities in the UPBEE Programme due to the availability of other recovery initiatives. This challenge can be addressed by:
 - Improving communication campaigns before the Call of Proposals, targeting certain municipalities with potential interest, and clearly stating the benefits.

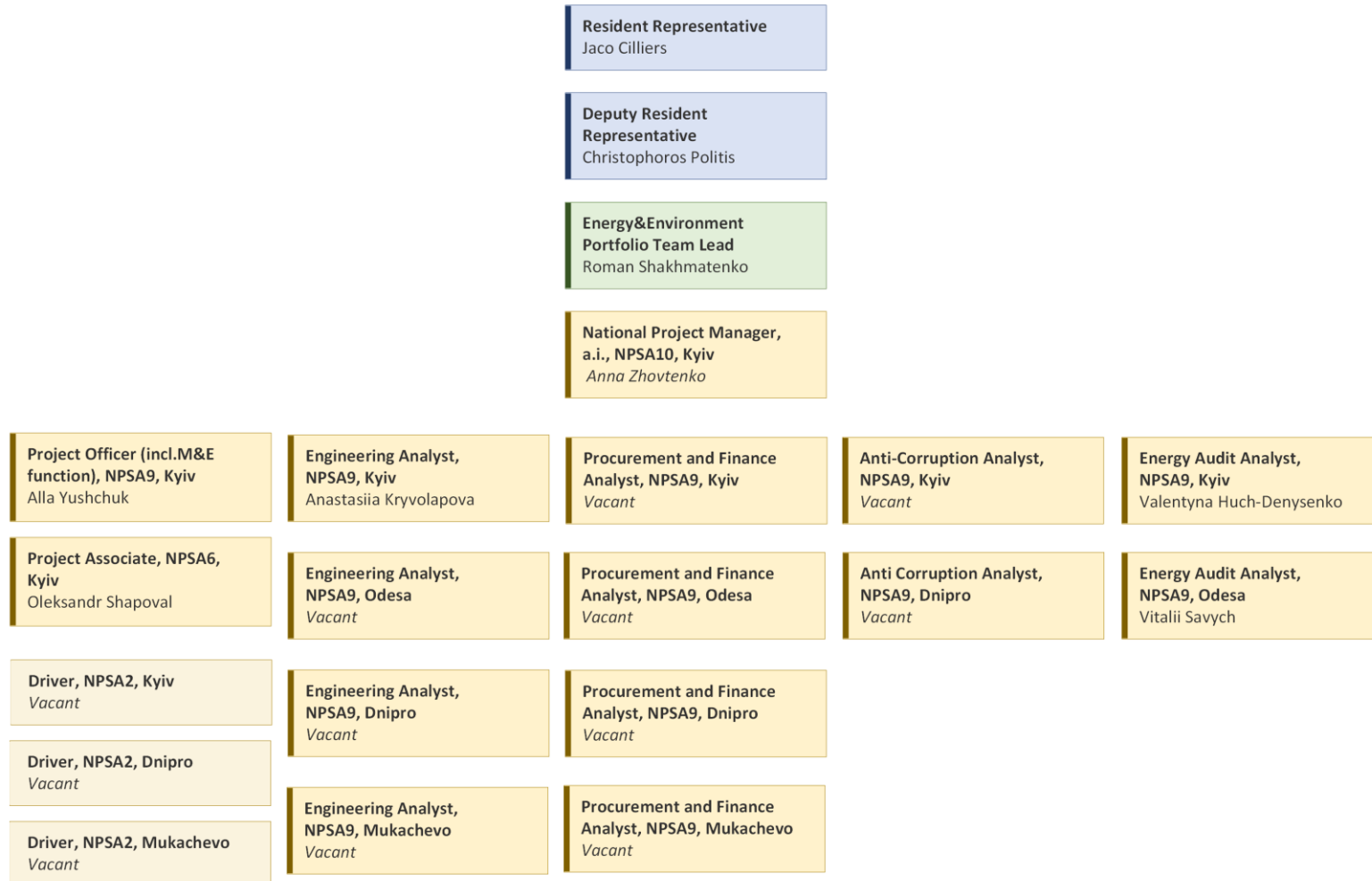
Visibility and Communication Measures

The UNDP advertised information about the trainings for municipalities among the 662 subscribers of the email digest within the GEF-funded Energy Efficiency Public Buildings project.

Planning for the next month's activities - upcoming major tasks, meetings

- Follow-up on the sub-project final appraisal and official approval by the UPBEE Working Group
- Agree with the PMSU on trainings for the UNDP TA to equip the team with guidelines (checklists) for monitoring visits and the most recent updates on the sub-project's application procedures.
- Discuss with the CoM co-operation on the work with municipalities to facilitate the 2nd Call of Proposals

UNDP TA team Organigramme as of 31 July 2023



* Due to very competitive labour market in Ukraine and availability of the necessary candidate working in Odesa duty station, the duty station of one Energy Audit Analyst was shifted from the originally planned in Dnipro to Odesa.

Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-31 August 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 11 September 2023

MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

August 2023

ABBREVIATIONS

BQ	Bill of Quantities
CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
FB	Final Beneficiaries
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ¹
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (at central level, within MCTID)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

¹ The Ministry has been merged and renamed. Former name - Ministry of Communities and Territories Development (MCTD) is used in the EIB-UNDP Agreement and other documentation

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	8
3. Capacity development.....	8
4. Compliance, Sanctions and Anti-corruption.....	8
5. Security.....	8
Record of key meetings and consultations in the reporting period.....	9
Assessment of any encountered challenges and ways to overcome them.....	10
Visibility and Communication Measures.....	10
Planning for the next month's activities - upcoming major tasks, meetings.....	10
Annex 1. UNDP team organigramme.....	11

General information

This is the second operational report of the UNDP TA² prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of certain energy efficiency investment sub-projects* (25 October 2022, Berlin).

Since the last reporting period, the composition of the UNDP TA remains unchanged and includes - 6 specialists (4 female and 2 men) in two duty stations (Kyiv and Odesa):

National Project Manager, Kyiv
Project Officer, Kyiv
Project Associate, Kyiv

Engineering Analyst, Kyiv
Energy Efficiency Analyst, Kyiv
Energy Efficiency Analyst, Odesa

The Procurement and Compliance Analyst will join the UNPD TA team in the Odesa regional office starting from September. Recruitment of the rest 8 specialists and three drivers is ongoing.

Due to the closure of the UNDP regional office in Mukachevo that has been originally selected for accommodating the staff to cover western Ukraine, it was decided to change the location of the regional office to Lviv. An updated organizational structure is presented in Annex 1.

On the administrative side, the UNDP TA is working on the following:

- arranging office premises to accommodate the staff in Kyiv, Odesa, Lviv and Dnipro;
- ensuring the completion of mandatory training courses, including security briefings required for the field trips;
- formalizing project activities in line with the UNDP rules and policies and the requirements of national legislation (incl. project appraisal and approval; project registration at the Secretariat of the Cabinet of Ministers of Ukraine).

²The operational report for the previous month available [Operational Reporting \(External\)](#)

1. Sub-Projects Preparation and Procurement

While the final list of municipalities with the results of the sub-projects' evaluation after the 1st Call of Proposals is pending official approval, the UNDP TA continues reviewing the list of submitted sub-projects. This preparatory stage will help to streamline further monitoring and support during the stage of implementation, where the main contribution of the UNDP TA is expected.

This section includes an overview of the sub-projects that have been pre-selected for the UPBEE Programme, particularly the sub-projects that have design and audits available – so-called “early adopters”; and two groups of applications with the sub-projects without design and audits available – small municipalities with the population of fewer than 50 thous. and large municipalities with over 50 thous. (see Fig.1).

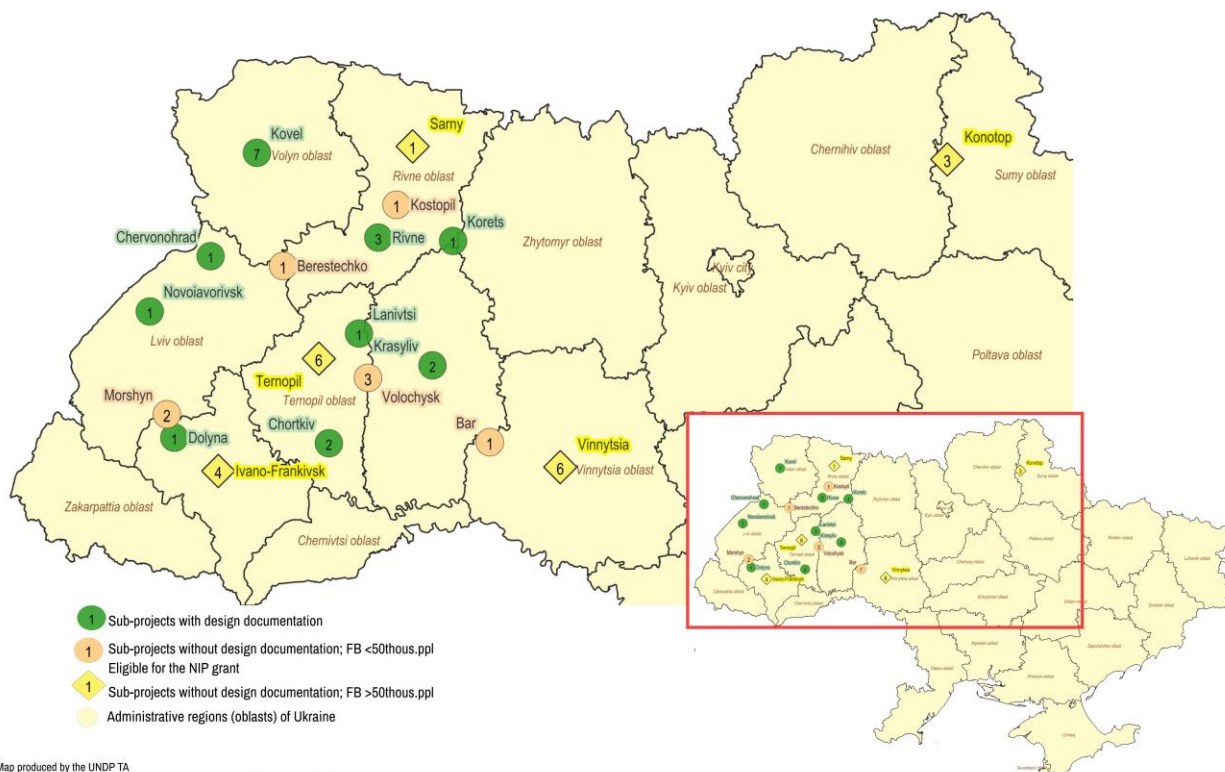


Figure 1. Distribution of the sub-projects within the country and their status

The list of the FB with the sub-projects that have design documentation (so-called “Early Adopters”)

The major type of construction works for the 19 sub-projects in 9 municipalities, that stand in the first line to receive EIB loan and start implementation, include the following (see Fig. 2):

External – thermal insulation of the basement and facade; waterproofing and insulation of the foundation, attic insulation and roof repair, gutter replacement, lightning protection of buildings, installation of an individual heating point,

Internal - replacement of window and door units and internal repairs (walls, ceiling, floor).

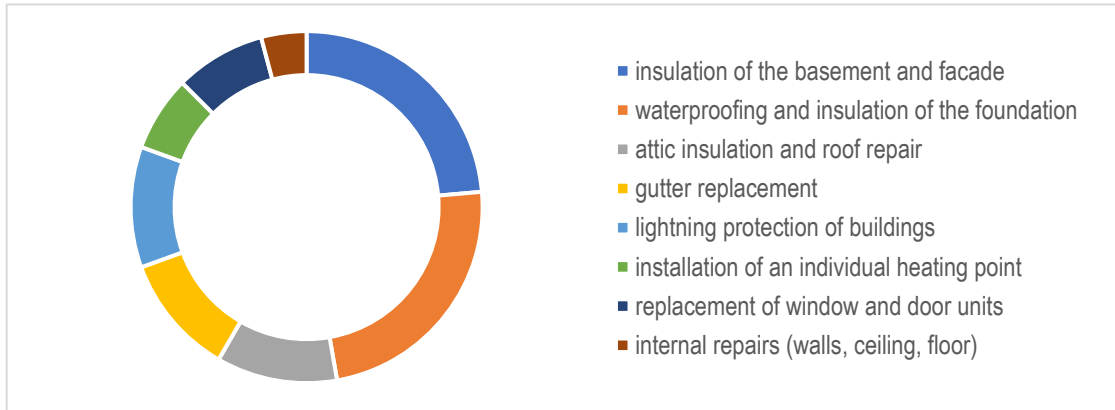


Figure 2. Types of construction works of the sub-projects with design documentation

Out of 19 sub-projects, 10 belong to educational facilities, 7 - health facilities, 1 administrative building and one cultural center.

The list of municipalities (<50thousand.) with the sub-projects without design documentation

Five municipalities (<50thousand.) with eight sub-projects can be eligible for the NIP grant to develop design documentation. The PMSU will manage the grant and oversee the preparation and finalization of the sub-projects.

The UNDP TA provided support by sharing the standard templates of documentation for purchasing the services for design and Bill of Quantities (BQ), including the Terms of References, Agreement, and other forms.

The list of the municipalities (>50thousand.) with the sub-projects without design documentation

During the consultations with the Ministry of Infrastructure of Ukraine, it was decided that the UNDP TA will support the large municipalities (>50thousand.) that will be developing design documentation at its own costs. This support will cover the full cycle of the developing design and BQ documentation – from selecting the types of works and preparing Terms of Reference, and procurement to quality control of the developed documentation. The list includes 5 municipalities with 20 sub-projects in total.

On 29 August the NTU technical team (PMSU) delivered a presentation for the UNDP TA on the requirements and guidelines that need to be considered in this process.

Based on the analysis of the submitted sub-projects, the UNDP TA prepared the list of questions for the initial assessment and drafted recommendations for the construction works for each facility (the working spreadsheet is available [here](#)). Further consultations with the communities will be performed during September.

Energy Efficiency Analysts – provided a general overview of the fulfilment of applications to energy efficiency requirements.

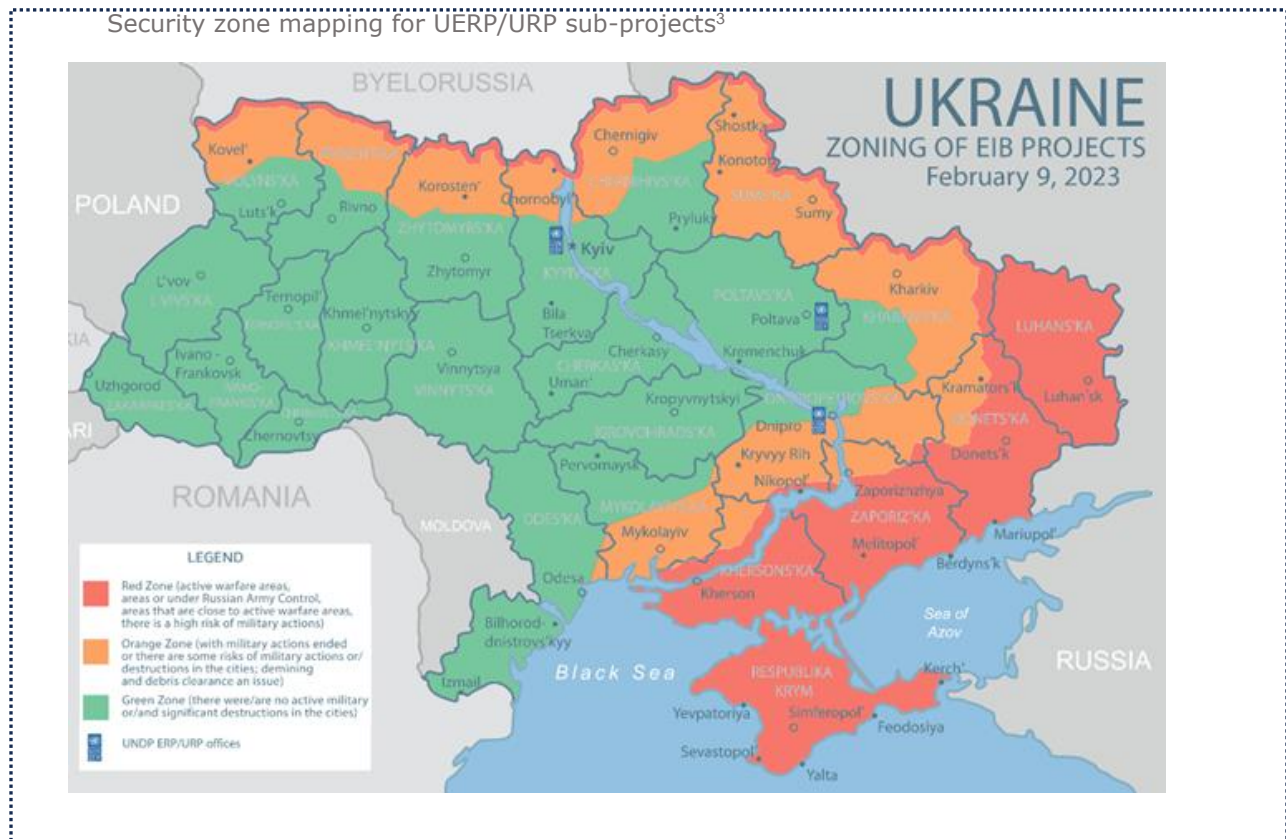
- All energy performance certificates are registered in the Unified State Electronic System in the Construction Sector (USESCS) and have the “valid” status.
- Most buildings have the lowest energy efficiency classes (D class – 5%; and G – 95%).

- Most of the buildings after retrofit will have class C, which is the minimum requirement for energy efficiency in Ukraine.
- The proposed energy efficiency measures in the energy audits are aimed at improving the thermal characteristics of the enclosed structures and can be used in the designing of the projects.

	Health facility (q-ty)	Educational facility (q-ty)	Administrative facility (q-ty)	Total sub-projects:	Budget (approx.), EUR
Small municipalities (<50thousd.) eligible for NIP grant	3	4	1	8	4,500 000
Large municipalities (>50thousd.)	15	5	-	20	26,000 000

2nd Call of Proposals

In view of revisions of the requirements for the 2nd Call of Proposals, the UNDP TA contributed with the clarifications of the security-related geographical criteria. In particular, it is suggested to consider the use of the same approach that is applied within the UNDP Ukraine Early Recovery Programme (see the Box below) or reduce the threshold for the orange zone to >30 km from the border with Russia or Belarus.



³ The information was provided by the UNDP TA for Ukraine Early Recovery Programme / Ukraine Recovery Programme

Security zone mapping for UERP/URP sub-projects (continued)

1. Sites <25 km from active frontline. **Red zone.**
2. Sites <10 km from the border with Russia or Belarus. **Red zone.**
3. Areas within 25-100 km from active frontline. **Orange zone.**
4. Sites within 10-70 km from the border with Russia or Belarus. **Orange zone.**
5. Sites >100 km from the active frontline and >70 km from the border with Russia or Belarus. **Green zone.**

UERP/URP sub-projects shall be located in the **Green Zone.**

2. Sub-Projects Implementation and Monitoring

This section is not covered as the implementation phase has not started yet.

3. Capacity development

The UNDP TA is engaged in planning capacity building activities with municipalities, under co-ordination of the PMSU. As it was mentioned in Section 1, after the introductory briefing from the NTU/PMSU, the UNDP TA started the work on supporting 5 municipalities with the development of design documentation for 20 sub-projects. The first stage will include the initial assessment of the existing capacity of the communities and their specific needs which will be conducted during September.

4. Compliance, Sanctions and Anti-corruption

This section is not covered as the implementation phase has not started yet.

5. Security

The UNDP TA continues to regularly monitor the security situation in the country and the area of the UPBEE Programme. At the time of reporting, western and northern parts of Ukraine where the majority of potential sub-project will be implemented have the least security risk in the country.

One community from the list of the so-called “Early Adopters” and two communities from the list that will receive support in finalizing sub-project are in proximity to borders with Belarus or Russia, namely Kovel (Volyn obl.)- 63km, Sarny (Rivne obl.) – 55km, Konotop (Sumy obl.) - 70 km. More information about the geographical distribution of communities is available [here](#).

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
02.08.23	online	UPBEE Working Group meeting	Sub-projects evaluation progress
16.08.23	online	UPBEE Working Group meeting	Support in preparing design documentation; awareness raising and

Date	Format	Name	Context
			improving announcement for the 2 nd Call of Proposals
18.08.23	in-person	Co-ordination meeting with the Ministry of Recovery, NTU and CoM	Preparation of the 2 nd Call of Proposals (potential list of communities that can be interested in the Programme; methods of work with them; updates on the criteria; and other
22-23.08.23	in-person	Ukraine Early Recovery Programme Workshop	Collaboration with other thematic projects
28.08.23	online	UPBEE Progress review meeting	Updates on the work with communities applicable for the NIP grant; capacity building and awareness raising campaigns for the 2 nd Call of Proposal
29.08.23	in-person	Informational briefing for the UNDP TA from NTU on the requirements for design documentation	Engage the UNDP TA to support a "yellow list" of communities (>50mln) with the development of design documentation
30.08.23	online	UPBEE Working Group meeting	Official approval of the results of the 1 st Call of Proposals; VAT issue; NIP grant; the 2 nd Call of Proposals

Encountered challenges and ways to overcome them

- Prolonged process on getting the official decision on the results of the 1st Call of Proposals.
 - Start preparatory work with the municipalities before the formalities are completed (UNDP TA is planning to establish communication and perform an initial assessment of large communities with the subprojects without design documentation; PMSU started to make necessary arrangements for grant allocation)
 - Regularly discuss the issue with the MCTID prepare a timeline and follow up the developments (this will help to better plan the next Call of Proposals).
- Insufficient quality of the submitted applications
 - Promote the launch of the DREAM platform;
 - Better quality of the training campaigns for the municipalities based on the lessons learned from the 1st Call of Proposals;
 - Focus on target communities and their needs (arrange pre- and post-workshop surveys to better address the informational needs)
- Low interest among the municipalities in the UPBEE Programme due to the availability of other recovery initiatives

- Improving communication campaigns before the Call of Proposals, targeting certain municipalities with potential interest, and clearly stating the benefits;
- Initiate awareness raising campaigns at different levels;
- Consider a variety of communication tools (leaflets, adv videos, networking side events etc.)

Visibility and Communication Measures

Under co-ordination of the PMSU, the UNDP TA contributed to the planning awareness raising activities (incl. sharing the list of communities that can be potentially interested in the UPBEE Programme, providing inputs to the questionnaire, and the draft concept for promoting awareness).

The UNDP TA together with the CoM paid attention to the lesson after the 1st Call of Proposals, specifically the lack of correlation between the regional representations in the workshops and the actual applications. Therefore, it was decided to do better preparatory work and focus on target communities.

The UNPD TA also prepared a presentation on the benefits of the UPBEE Programme with key steps for applying that can be used for promoting purposes.

Planning for the next month's activities - upcoming major tasks, meetings

During the next several months the UNDP TA will focus on the following directions:

I. Awareness raising and preparation for the 2nd Call of Proposals

- Analyze on the results of a questionnaire that is to be disseminated among the targeted communities and contribute to the design of the informational campaign that is co-ordinated by the CoM;
- Prepare for the informational webinars to the target communities in co-operation with the PMSU, CoM and the MCTID and to be held in mid-October-start of November and informational side-event during the Municipal Forum in Lviv in mid-October.
- Facilitate the launch of the 2nd Call of Proposals.

II. Support 5 municipalities (>50thd.ppl) in developing design documentation for 20 sub-projects

- Perform the initial assessment of the overall capacity of the selected municipalities and identify specific needs in the development of design documentation at their own expenses

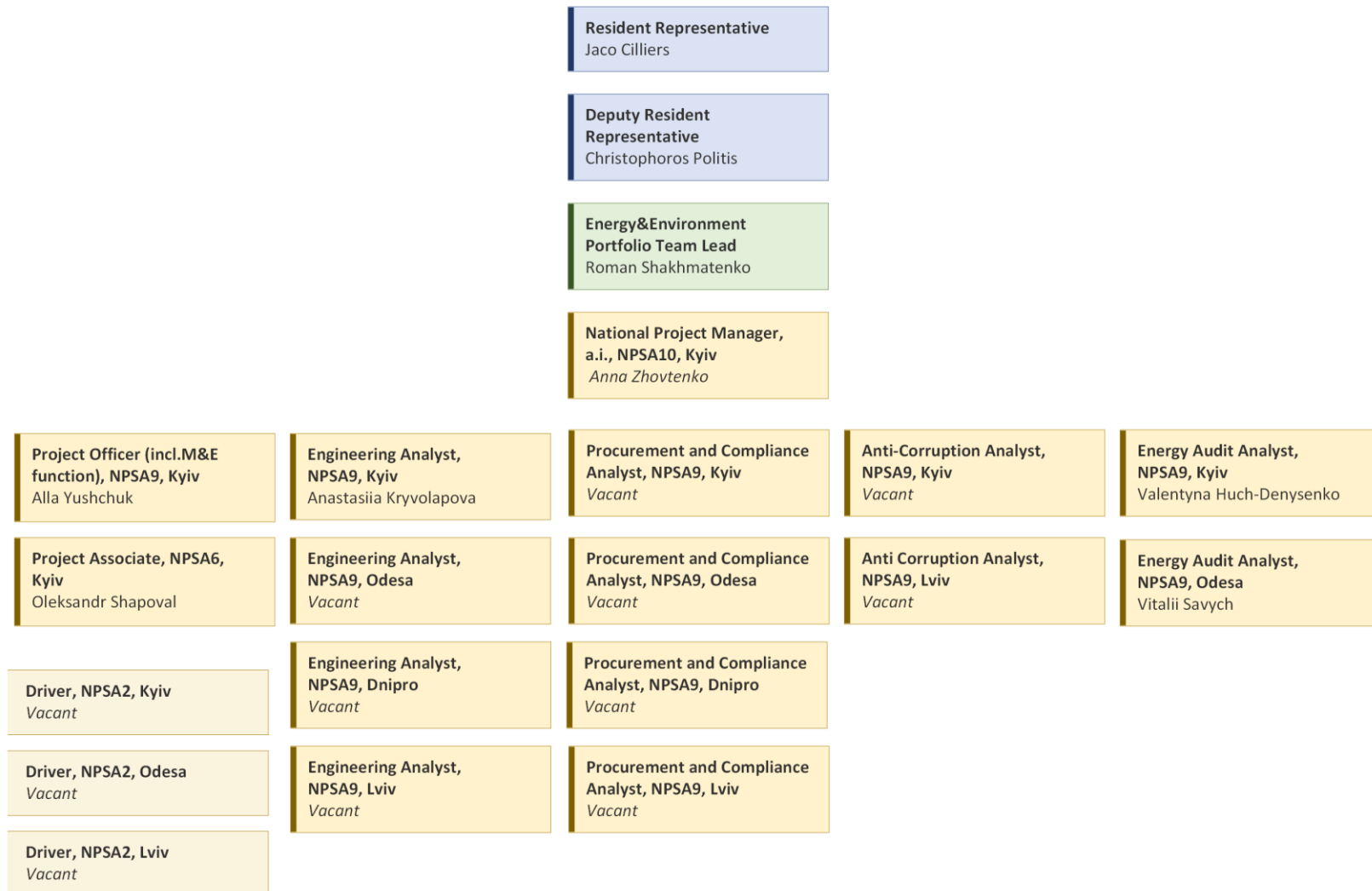
<i>W 04-08/09</i>	<i>W 11-15/09</i>	<i>W 18-22/09</i>	<i>W 25-29/09</i>
Establish communication /finalize assessment approach and the list of questions	Prepare for the introductory meetings / revise technical documentation	Conduct the introductory meetings with 5 communities/responsi	Compile the spreadsheet with the results of initial assessment, discuss the results with the PMSU and identify further steps

		ble parties for 20 sub-projects	
<p><u>Result:</u> Initial assessment of the existing capacities and preparatory status of developing design documentation in 5 communities with 20 sub-projects is conducted further actions are delineated</p>			

III. Capacity building for the “green” list of the FB with sub-projects that have design documentation

- Participate in the kickoff introductory workshop in Ivano-Frankivsk with the responsible parties for implementing 19 subprojects (*W25-29/09* - tbc)
- Initiate the meeting with the PMSU to discuss further role of the UNDP TA and agree on thematic trainings to equip the UNDP TA team with necessary guidelines, checklists, requirements and other instruments for monitoring the sub-project’s implementation;
- Prepare for the thematic webinars to be held during October-November.

UNDP TA team Organigramme as of 31 August 2023



*Regional office initially planned in Mukachevo replaced with Lviv; Positions of Anti Corruption Analyst and Driver moved to Lviv instead of initially planned Dnipro

Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-30 September 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 09 October 2023

MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

September 2023

ABBREVIATIONS

BQ	Bill of Quantities
CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
FB	Final Beneficiaries
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ¹
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (at central level, within MCTID)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

¹ The Ministry has been merged and renamed. Former name - Ministry of Communities and Territories Development (MCTD) is used in the EIB-UNDP Agreement and other documentation

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	7
3. Capacity development.....	7
4. Compliance, Sanctions and Anti-corruption.....	8
5. Security.....	8
Record of key meetings and consultations in the reporting period.....	8
Encountered challenges and ways to overcome them.....	9
Visibility and Communication Measures.....	10
Planning for the next month's activities - upcoming major tasks, meetings.....	10
Annex 1. UNDP team organigramme.....	11

General information

This is the third operational report of the UNDP TA² prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of certain energy efficiency investment sub-projects* (25 October 2022, Berlin).

As of September 2023, the composition of the UNDP TA includes 7 specialists (4 female and 3 men) in two duty stations (Kyiv and Odesa):

National Project Manager, Kyiv
Project Officer, Kyiv
Project Associate, Kyiv
Engineering Analyst, Kyiv

Energy Efficiency Analyst, Kyiv
Energy Efficiency Analyst, Odesa
Procurement and Compliance, Odesa

Recruitment of the rest 8 specialists and three drivers is ongoing. UNDP TA organizational structure is presented in Annex 1.

Overall, during the reporting period the UNDP TA provided different types of technical and informational support to 31 municipalities (5 municipalities received technical consultations regarding the development of design documentation for 20 sub-projects; 9 municipalities with 19 sub-projects underwent preparatory desk-based screening of design documentation³; and 17 municipalities received informational briefings on the application process for the 2nd Call of Proposals).

On the administrative side, the UNDP TA continues working on the following:

- arranging office premises to accommodate the staff in offices Kyiv, Odesa and Lviv;
- ensuring the completion of mandatory training courses, including security briefings required for the field trips;
- formalizing project activities in line with the UNDP rules and policies and the requirements of national legislation (incl. project appraisal and approval; project registration at the Secretariat of the Cabinet of Ministers of Ukraine).

² The operational reports for the previous months are available at [EIB Monthly Reports](#)

³ Site visits are planned for October

1. Sub-Projects Preparation and Procurement

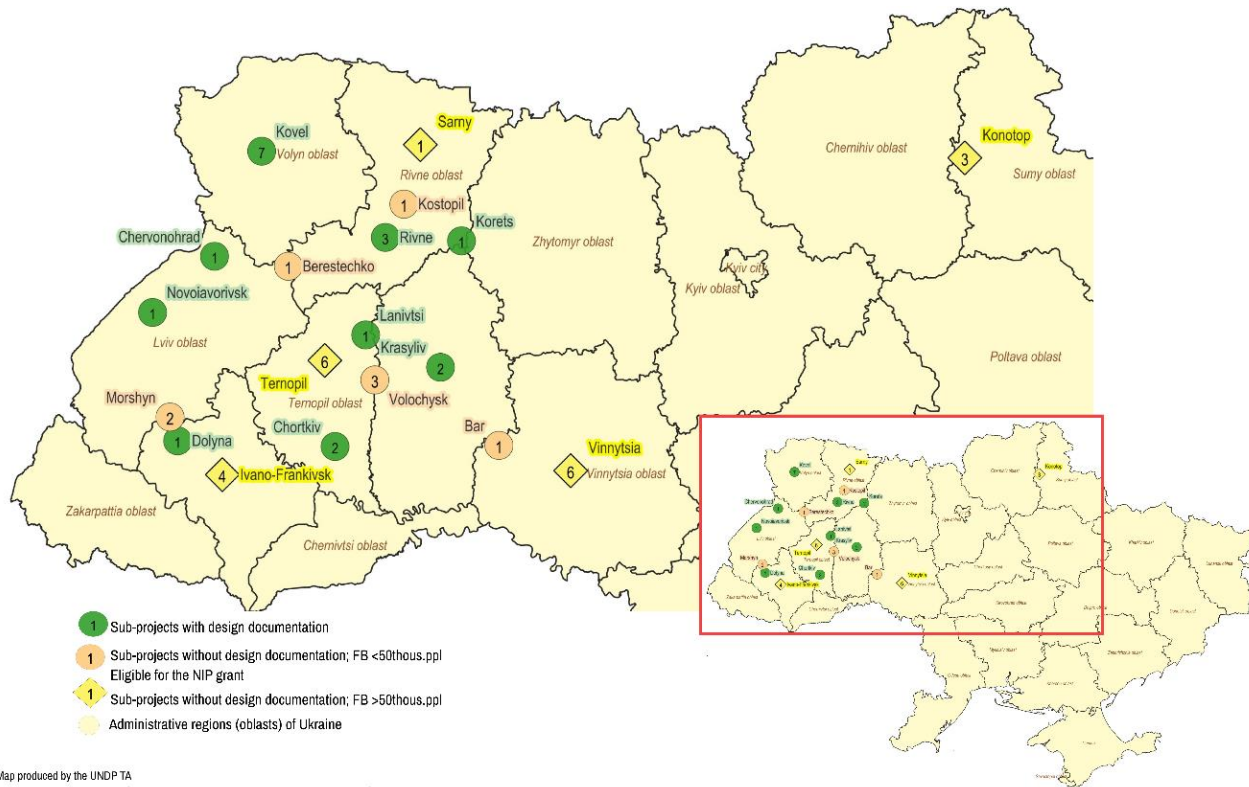
The UNDP TA continues to work with five large municipalities (over 50 thous. ppl) that have been selected after the 1st Call of Proposals and assist them with preparing design documentation for 20 sub-projects (Fig. 1.).

During 07-15 September, the UNDP TA organized introductory meetings with each municipality for the initial assessment of the status, needs and further steps in developing design documentation. The results of the initial assessment have been shared with the NTU TA and summarized in the table below (detailed assessment template is available [here](#)).

#	Community	Type of facilities (numb. of the sub-projects)	Status			Estimated timeline for finalizing design documentation
			Draft design documentation	ToR design	Received and revised by UNDP TA	
1	Vinnytsia	Healthcare (2) Educational (4)	1	5	5	Approx. 6 months after the start of the purchase request
2	Ivano-Frankivsk	Healthcare (4)	-	-	-	Approx. 6 months after the start of the purchase request
3	Sarny (Rivne oblast)	Healthcare (1)	-	1	-	Approx. 3 months after the start of the purchase request
4	Konotop (Sumy oblast)	Healthcare (3)	-	-	-	October 2023 - March 2024
5	Ternopil	Healthcare (6)	6	-	-	September 2023 - February 2024

The UNDP TA reviewed and provided technical comments on the design documentation for 6 sub-projects prepared by Vinnytsia municipality ([here](#)) and consulted Ternopil and Ivano-Frankivsk municipalities on various technical and operational matters. Based on the results of the initial assessment, the UNDP TA offered road map for each municipality and keeps a track on the progress in close co-operation with a designated responsible person.

The UNDP TA assisted with collecting data on the IDPs and war-related treatments from 23 sub-projects targeted at health facilities in 11 municipalities with the purpose to facilitate the evaluation against the established criterias for investment grant allocation. According to the analysis, 20 hospitals reported about assistance to IDPs and 15 provided services to patients affected by the hostilities for the period during March 2022-July 2023 (completed table is available [here](#)).



Map produced by the UNDP TA
 Data source: the working list of Sub-projects provided by the PMSU; WG minutes as of August 2023

Figure 1. Distribution of the sub-projects within the country and their status

2. Sub-Projects Implementation and Monitoring

The implementation phase has not started yet.

Based on the information provided by the UERP expert team, the UNDP TA started to draft the checklists for monitoring visits to the communities within the UPBEE. The prepared checklists (incl. initial screening site visits; unit cost analysis; monitoring site visits) will be further discussed with the NTU technical team.

3. Capacity development

The UNDP TA prepared the list of priority communities that can potentially apply for the 2nd Call of Proposals and started to plan the work on 1) promoting the Programme; 2) advisory support on preparation of the applications. Together with the NTU and the CoM, UNDP TA performed a mini-survey among the municipalities on their readiness to participate in the program and information needs. The survey resulted in the following: among the existing conditions that favor participation in the Programme almost all the responders mentioned a political will; out of 26 communities, 17 responders need support in preparing applications; the major information need is related to the explanation of selection criteria and loan conditions. In line with the developed list, the UNDP TA established communication with 17 municipalities

(out of 19), informed them about the details of the Programme, identified the needs and offered further support with the application process (the results of communication are presented [here](#)).

The UNDP TA continues to work with the group of municipalities over 50 thous. ppl. – consult on emerging issues, advise on technical measures, and follow up on the progress to ensure smooth preparation of the required technical documentation (see details in Section 1).

4. Compliance, Sanctions and Anti-corruption

The UNDP TA with the support of the specialists from the UERP conducted anti-corruption and sanctions screening of the municipalities from group 1 (so-called Early Adopters).

The checks were focused on the heads (mayors) of communities based on sanctions screening and corruption risk assessment. Risks were identified for 1 out of 9 mayors, specifically the mayor of Lanovets city community in Ternopil oblast. The case concerns an administrative offence related to corruption (violation of the requirements for preventing and resolving conflicts of interest). The completed assessment sheet is available [here](#).

5. Security

The UNDP TA continues to regularly monitor the security situation in the country focusing on the area of the UPBEE Programme. Since the previous reporting period the situation has not changed, the western and northern parts of Ukraine where the majority of potential sub-projects to be implemented are ranked with the least security risk in the country.

At the same time, during the last month, the attacks have intensified across the entire country. Damages from missile strikes and loitering munitions were reported in Vinnytsia, Lviv, Rivne, Sumy and Khmelnytsk oblasts⁴.

One community from the list of the so-called “Early Adopters” and two communities from the list that will receive support in finalizing sub-projects are in proximity to borders with Belarus or Russia, namely Kovel (Volyn obl.)- 63km, Sarny (Rivne obl.) – 55km, Konotop (Sumy obl.) - 70 km. More information about the geographical distribution of communities is available [here](#).

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
04.09.23	online	UPBEE Progress review meeting	Grant allocation; VAT issue; discussion of communication and capacity building events
07.09.23	online	Introductory meetings with two municipalities from group 2 regarding design documentation	Assessments of the needs and support with design documentation to municipalities >50 thous. - Ternopil municipality

⁴The data covers only the areas of the pre-selected FB after the 1st Call of Proposals (groups 1 and 2)

Date	Format	Name	Context
			- Konotop (Sumy obl.) municipality
08.09.23	online	Meetings on the compliance checks (NTU; UERP)	Discussion of the further role of the UNDP TA with final beneficiaries of the group 1
08.09.23	online	Introductory meetings with two municipalities from group 2 regarding design documentation	Assessments of the needs and support with design documentation to municipalities >50 thousand. - Ivano-Frankivsk municipality - Vinnytsia municipality
11.09.23	online	UPBEE Progress review meeting	Status of the list of pre-selected beneficiaries; Screening requirements; Grant allocation; 2 nd Call of Proposals
13.09.23	online	UPBEE / PMSU Meeting	Investment grant allocations
15.09.23	online	UPBEE extended Working Group Meeting	Presentation of the UPBEE module within DREAM platform
15.09.23	online	Introductory meetings with one municipality from group 2 regarding design documentation	Assessments of the needs and support with design documentation to municipalities >50 thousand. - Sarny municipality
18.09.23	online	UPBEE / PMSU Meeting	Criteria and other operational formalities for allocation of Investment grants from E5P and NIP
19-20.09.23	in-person Kyiv	UERP training for municipalities	Co-operation with other projects and experience exchange
22.09.23	in-person Kyiv	Expert meeting of the TA UNDP with TA NTU	Basic aspects of the application requirements; technical peculiarities of work with the beneficiaries from the group 1 and 2
25.09.23	online	UPBEE Progress review meeting	Grant allocation (ranking hospitals)
28.09.23	online	Kick-off meeting with the final beneficiaries of the 1 st Call of Proposals	Kick-off meeting with introduction and further steps
29.09.23	online	UPBEE Working Group meeting on communication plan	Discussion of the progress on communication with the targeted list of municipalities

Encountered challenges and ways to overcome them

- Insufficient quality of the submitted applications during the 1st Call of Proposals
 - Facilitate the launch of the DREAM platform;
 - Better quality of the training campaigns for the municipalities based on the lessons learned from the 1st Call of Proposals;
 - Where relevant engage CoM and UNDP in co-operation with municipalities to ensure sufficient quality of the prepared application;

- During the upcoming workshops in support of the next Call of Proposals focus on target communities and their needs (arrange pre- and post-workshop surveys to better address the informational requests);
 - Perform the lessons learned analysis of the technical support platform.
- Low interest among the municipalities in the UPBEE Programme due to the availability of other recovery initiatives
 - Improving communication campaigns during the Call of Proposals, targeting certain municipalities with potential interest, and clearly stating the benefits;
 - Initiate awareness raising campaigns at different levels;
 - Consider the development and use of a variety of communication tools (leaflets, adv videos, networking side events etc.) and strengthen Programme branding.
 - Unequal geographical distribution of FB after the 1st Call of Proposals with high concentration of applications in western Ukraine
 - Increase the coverage of tailored awareness raising campaign and incorporate appropriate measures into communication plan.
 - Lengthy process for developing technical documentation of sufficient quality
 - Active communication with the municipalities on the process and technical advice from TA (the usage of standards templates, experience exchange, incl. via UNDP TA).

Visibility and Communication Measures

The UNDP TA provided a series of inputs to the communication plan drafted by the NTU and suggestions for improvements (e.g. aligning the communication plan with corresponding Strategy and work plans, branding the Programme, etc.).

The UNDP TA assisted with drafting post-survey evaluation forms of the kick-off workshop with the FB of the 1st Call of Proposals to analyse the effectiveness of communication patterns.

The UNDP TA reposted the announcement of the second Call of Proposal on the [Facebook page](#) and disseminated the advertisement among within its internal base of communities (1353 addressed; 724 reached)

The UNPD TA compiled materials that can be used as a basis for a leaflet or other promotional purposes, namely an overview of similar initiatives to compare with the benefits of the UPBEE Programme and a roadmap with step-by-step guide on the application process.

Planning for the next month's activities - upcoming major tasks, meetings

During the next several months the UNDP TA will focus on the following directions:

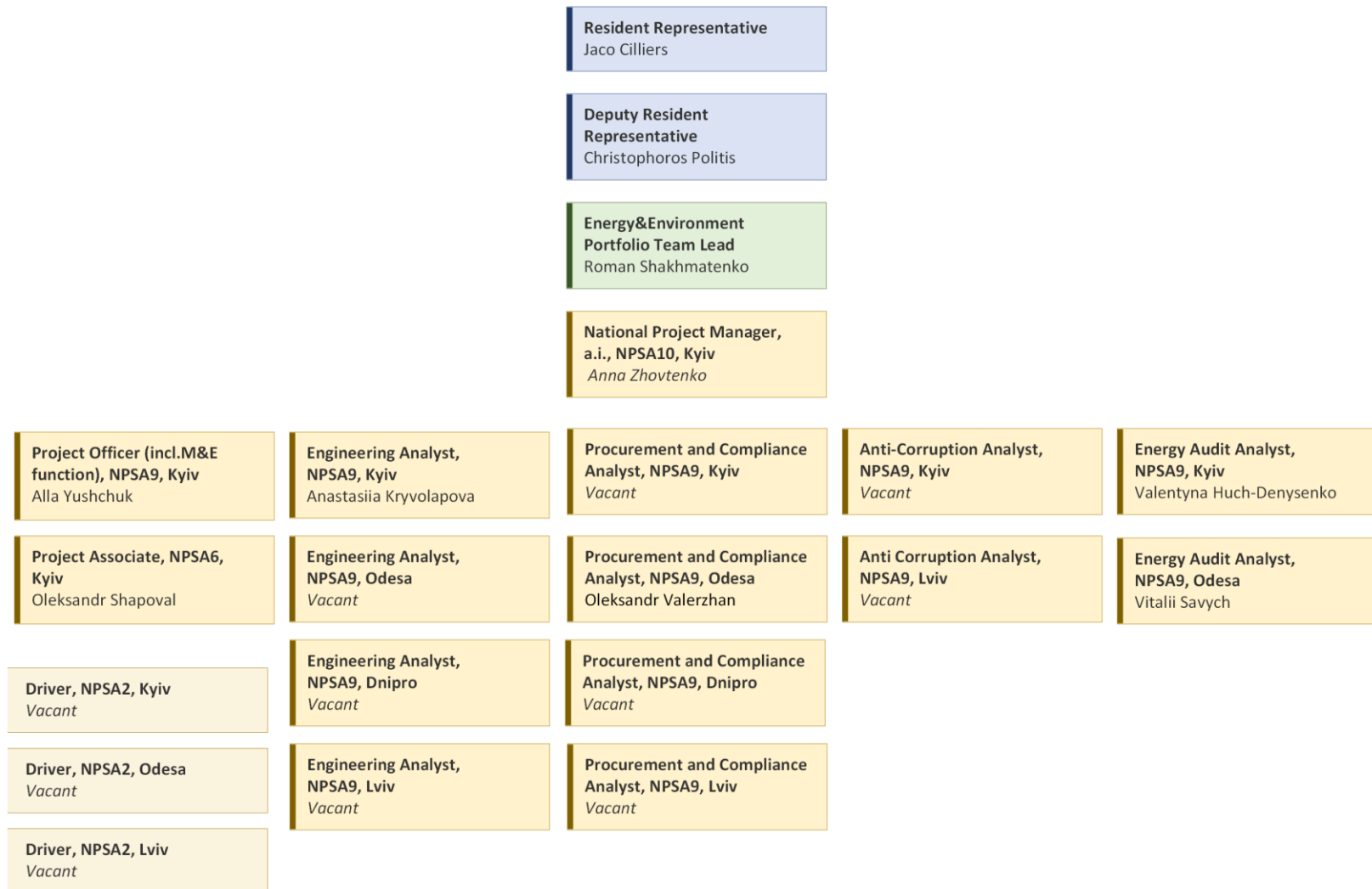
I. 1st Call of Proposals - capacity building and initial monitoring

- Follow up on the progress with developing design documentation for 20 sub-projects within 5 municipalities (>50thd.ppl) and provide regular technical consultations;
- Receive the priority list of FB from the PMSU and perform site visits to the selected communities under the allocation for the first disbursement (16-19 October – Kovel (7; 3 health facilities, 3 education and 1 administrative), Rivne (2 educational facilities) and Korets (1 educational facilities);
- Finalize the thematic checklists for monitoring visits and discuss the comments with NTU TA;
- Prepare for the thematic webinars to be held during October-November;
- Initiate the discussion on segregation of roles and joint work plan (communication and operational) for the partners.

II. 2nd Call of Proposals - awareness raising and capacity building

- Prepare for the informational webinars to the target communities in co-operation with the PMSU, CoM and the MCTID to be held in mid-October-start of November and informational side-event during the Municipal Forum in Lviv in mid-October to advertise the announcement and promote participation in the Programme;
- Receive thematic trainings from the NTU TA on specific guidelines to work with communities that need support in submitting applications;
- Contribute to finalizing communication plan and developing the promotional materials.

UNDP TA team Organigramme as of 30 September 2023



*Regional office initially planned in Mukachevo replaced with Lviv; Positions of Anti Corruption Analyst and Driver moved to Lviv instead of initially planned Dnipro

Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-31 October 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 13 November 2023

MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

October 2023



Kindergarten, Korets, Rivne oblast, October 2023

ABBREVIATIONS

CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
FB	Final Beneficiaries
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ⁱ
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (at central level, within MCTID)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	13
3. Capacity development.....	13
4. Compliance, Sanctions and Anti-corruption.....	13
5. Security.....	14
Record of key meetings and consultations in the reporting period.....	14
Encountered challenges and ways to overcome them.....	14
Visibility and Communication Measures.....	15
Planning for the next month's activities - upcoming major tasks, meetings.....	16
Annex 1. UNDP team organigramme.....	17
Annex 2. Site visits reports.....	18

General information

This is the fourth operational report of the UNDP TA¹ prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of certain energy efficiency investment sub-projects* (25 October 2022, Berlin).

As of October 2023, the composition of the UNDP TA remains unchanged and includes 7 specialists (4 female and 3 men) in two duty stations (Kyiv and Odesa):

National Project Manager, Kyiv	Energy Efficiency Analyst, Kyiv
Project Officer, Kyiv	Energy Efficiency Analyst, Odesa
Project Associate, Kyiv	Procurement and Compliance Analyst, Odesa
Engineering Analyst, Kyiv	

Recruitment of the rest 8 specialists and three drivers is progressing. UNDP TA organizational structure is presented in Annex 1.

During the reporting period, the UNDP TA provided different types of technical and informational support to 14 municipalities (2 municipalities received technical consultations regarding the development of terms of reference for design documentation for 9 sub-projects; 9 municipalities with 18 sub-projects underwent verification against planned activities; and 3 municipalities are receiving informational support for the application process for the 2nd Call of Proposals.

On the administrative side, the UNDP TA submitted the project document to the Ministry for Communities, Territories and Infrastructure Development of Ukraine for registration in the Secretariat of the Cabinet of Ministers of Ukraine in line with the requirements of national legislation.

¹ The operational reports for the previous months are available on drive at [EIB Monthly Reports](#)

1. Sub-Projects Preparation and Procurement

This section covers the overview of work with the final beneficiaries that have been selected after the 1st Call of Proposals, specifically i) large municipalities (over 50 thous .ppl) without design documentation, where the UNDP TA provides technical consultancy in the process; ii) municipalities with design documentation for the sub-projects that are at the final stage of approval.

Sub-projects without design documentation: large municipalities (>50thousd.ppl)

The UNDP TA continues to work with 5 large municipalities (over 50 thous. ppl) and assist them with preparing design documentation for 20 sub-projects (Fig. 1).



Figure 1. Distribution of the selected Sub-Projects of the UPBEE 1st Call of Proposals and their status

During the reporting period, the UNDP TA performed the second-round revision of six terms of references for design documentation for health facilities in the Vinnytsia city community. The UNDP TA provided the list of measures along with general recommendations for improvement. It is expected that the municipality will engage the company to develop design documentation under the direct contract and finalize the design documentation by the end of 2023.

The UNDP TA has also revised three terms of reference for previously announced four health facilities in the Ivano-Frankivsk city community. The municipality decided to combine two buildings into one sub-project.

The other three municipalities (Sarny, Ternopil and Konotop) received from the UNDP TA the templates of terms of reference and currently solving the internal financial and administrative issues.

The UNDP TA keeps regular track on the progress in each municipality in cooperation with a designated responsible person. A summary on the current status and an estimated timeline with the preparation of design documentation is presented in the table below (detailed information can be found in the tracking sheet – [here](#)).

#	Community	Type of facilities (numb. of the sub-projects)	Status			Estimated timeline for finalizing design documentation
			Draft design documentation	ToR design	Received and revised by UNDP TA	
1	Vinnytsia	Healthcare (2) Educational (4)	1	5	6	by the end of 2023
2	Ivano-Frankivsk	Healthcare (4)		3	-	2 nd quarter of 2024
3	Sarny (Rivne oblast)	Healthcare (1)	-	-	-	2 nd quarter of 2024
4	Konotop (Sumy oblast)	Healthcare (3)	-	-		2 nd quarter of 2024
5	Ternopil	Healthcare (6)		-	-	2 nd quarter of 2024

Delays in developing design documentation by municipalities are caused mainly by local bureaucracy and the allocation of costs; complications associated with special technical measures required for the hospitals; and challenges in finding reliable contractor for preparing design project documentation, among others.

Sub-projects with design documentation

In October (16-19.10 and 24-26.10), the UNDP TA conducted field visits to nine municipalities and examined 19 (18)² facilities that had been selected after the 1st Call of Proposals (Fig. 2).

At the time of visits, all municipalities established project implementation units. One out of eight municipalities (Novoiavorivsk city municipality) has all the necessary documentation and is ready to proceed with the loan agreement. Eight municipalities are in the process of receiving technical expertise. The relative level of readiness of each municipality after the visits is presented in the summary table (p. 11-12).

² Chortkiv city municipality is in the process of combining two connected buildings (health complex) into one subproject

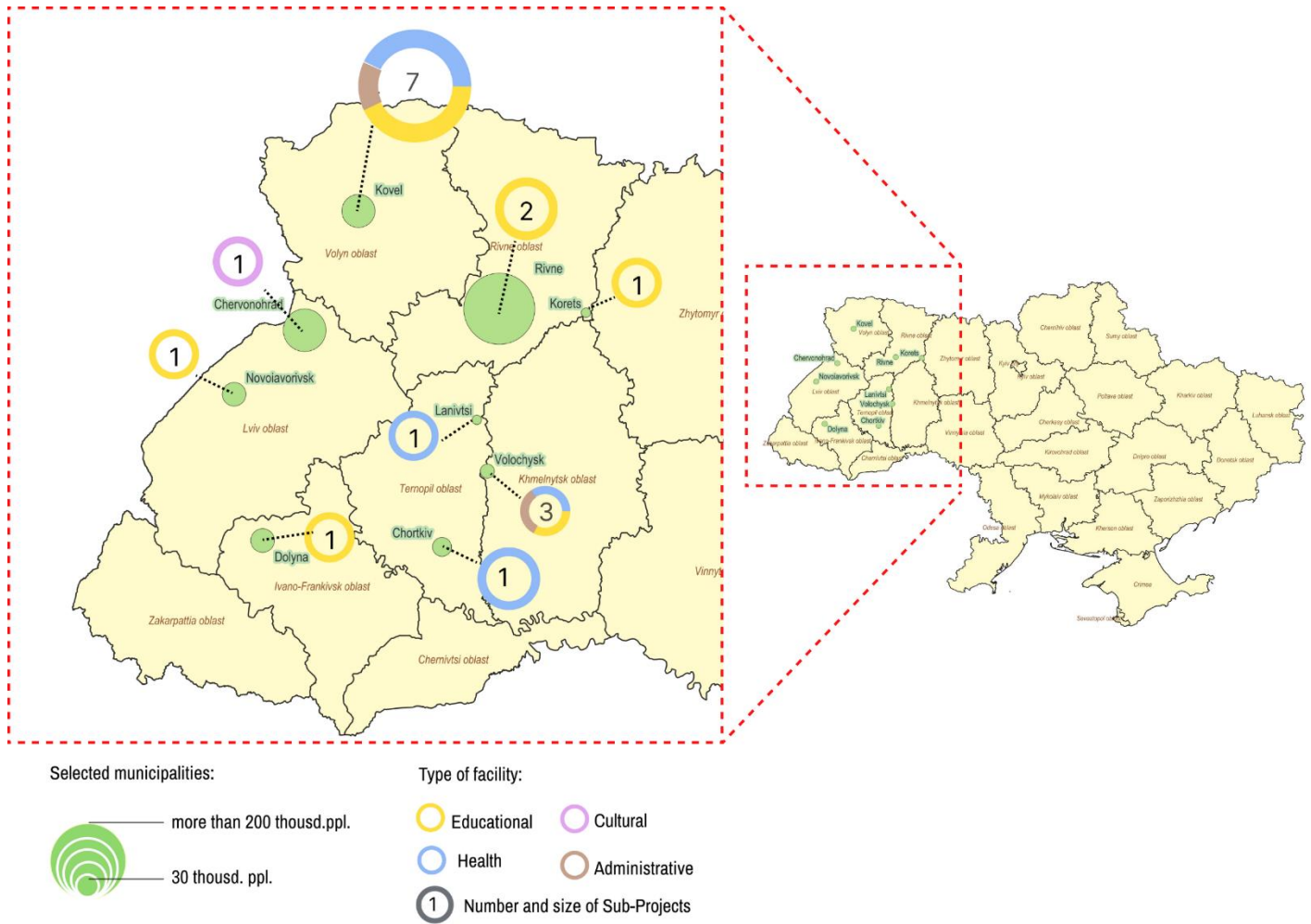


Figure 2. Distribution of the sub-projects within the country and their status

Buildings within the selected sub-projects were constructed in the 60s (5) – 70s (4)-80s(5) and 90s (4). Visual checks of the buildings showed that in most cases physical conditions are aligned with the design documentation. All the measures planned for implementation correspond with the actual state of the buildings, engineering, and energy-efficiency requirements.

At the same time, it should be noted that all the sub-projects submitted with the application have been undergoing technical expertise. This is caused by the following reasons: the need to align the documentation with new technical norms and requirements (e.g. adding shelters), revision of outdated cost estimations or inclusion of additional works to address emerging issues with the state of the building. Some of the sub-projects will introduce significant adjustments compared with the initially developed designed documentation (e.g. Chervonograd, Lanivtsi, Volochysk and Chortkiv).

On the *technical part*, the following aspects were outlined by the UNDP TA:

- Chervonograd city community - the building of the People's House (House of Culture) is in poor technical condition. The foundation and facade of the building have visible cracks that started to appear in 2021. In addition, the roof of the building is leaking, the staff put buckets inside the building to collect water after rain. The city community engaged in in-depth technical inspection with the geodesic survey to analyze the problems and provide technical conclusions with recommendations for further works.
Municipalities informed that after adjusting the project design documentation, the estimated cost will increase to approximately 1,8 mln EUR.
Considering the potential disbalance of costs and benefits compared with the other sub-projects as well as the risks of stability of the building – it is highly recommended to thoughtfully review the technical conclusion of the expertise.
- Kovel city community – two buildings (kindergarten and school#12) have problems with flooding in the basement. The UNDP TA experts suggested paying attention to these problems to ensure the sustainability of buildings and the effectiveness of modernization measures. These works can be implemented separately and do not necessarily need to be added to the existing project.
- Rivne city community – windows in school #13 were already replaced in 2023, these works are being removed from the design documentation.

The UNDP TA will monitor and report on further developments of the mentioned issues to ensure that all the selected projects are relevant and technically acceptable.

On the *financial part*, most municipalities voiced concerns about the following:

- The lack of clarity about loan conditions, specifically the size of the interest rate and difficulties with pre-assessment of creditworthiness at the planning stage.
As an example, Lanivtsi city community are revising technical documentation for the requirement to include a shelter which will change the budget and affect the overall situation.
- The lack of understanding about grant funding and the impossibility of including the costs in financial modelling to forecast future scenarios. All municipalities requested information about grant requirements.
- The lack of certainty regarding conditions for early debt repayment (*e.g. Chortkiv city municipality among others*)

Serious concern in the view of local financial matters has been expressed regarding the upcoming changes in the national taxation policy, specifically military income tax. During the full-scale invasion, local budget revenues significantly increased due to the military contributions and according to a new policy, tax will be returned to the central budget. These changes will significantly reduce local financial capacity.

Among potential difficulties in project implementation, the majority listed challenges with finding accountable and professional contractors, rapid cost increase and economic instability, and the risks associated with the ongoing war.

At the same time, five out of nine municipalities have expressed the willingness to participate in the 2nd Call of Proposals (Volochnyk – 3 facilities, Lanivtsi – 1, Novoiavorivsk – 2, Dolyna – 2, Rivne – 2).

Overall, the majority of communities mentioned previous experience of work with different international projects, namely – the Northern Environmental Financial Corporation (NEFKO) – Chortkiv, Dolyna, Kovel, Rivne; Neighborhood Investment Platform (NIP), Chortkiv, Rivne, Volochnyk; GIZ and IFC programs – Novoiavorivsk. For two small municipalities – Lanivtsi, Korets and Volochnyk – this will be the first experience under the loan programme.

Based on the capacity of the anticipated service requestor, the UNDP TA pre-assessed the potential level of technical assistance that will be required by municipalities, and conditionally divided them into three groups:

- Building departments at the city council that will require minimal assistance - 3
- Health and Educational departments at the city council that will require moderate assistance – 6
- Facilities (schools and hospitals) that will require significant technical guidelines and support – 9

On-site reports of the UNDP TA are provided in [Annex 2](#).

#	Community	Type sub-project (facility)	Heating area, m2	Year of construction	Number of ppl. using facilities ³	Requestor of services	Technical observations and potential barriers	Level of readiness	Budget, EUR
1	Korets	Educational (Gymnasium)	2,634	1982	347	Facility		High	510,000
2	Rivne	Educational (Lyceum #8)	6,805	1975	1032	Building Department of City Council		High	1,390,031
		Educational (Lyceum #13)	6,570	1978	1744	Building Department of City Council	Energy efficiency windows were already replaced in the summer 2023 and this measure has been removed from the design documentation		
3	Kovel	Administrative	4,005	1983	158	Facility		High	4,133,459
		Health (Hospital)	9027	1962	411 (staff) –23 716	Health Department of City Council			
		Health (laboratory)	1,085	1980/2022	56 (staff)	Health Department of City Council			
		Health (maternity hospital)	8,495	1985	214 (staff) 4,047	Health Department of City Council			
		Educational (School #12)	7,846	1990	1,255	Educational Department of City Council	Flooding in basement		
		Educational (School #7)	4,389	1974	1,178	Educational Department of City Council			
		Educational (Kindergarten)	2,961	1990	329	Educational Department of City Council	Flooding in basement		
4	Dolyna	Educational (Lyceum #4)	4,536	XXXX	612	Building Department of City Council		High	532,665
5	Chervonograd	Cultural (House of Culture)	4,104	1961	21,164	Facility	Cracks in the facade, and insufficient conditions of the building. Revision of design	Moderate	575,000

³ Statistical data to health and administrative facilities still need to be revised and categorized to ensure comparison based on equal conditions.

							documentation will significantly increase the costs		
6	Novoiavorivsk	Educational (Kindergarden#9)	2,298	1991	218	Facility		High	530,061
7	Chortkiv	Health (Polyclinic)	6,786	1990	110,820*	Facility	Concerns and doubts regarding financial advantages	Moderate	1,130,069
8	Chortkiv	Health (Hospital)	5256	1962	7,763*	Facility	Significant adjustment of design documentation that will most likely increase the costs		
9	Lanivtsi	Health (Hospital)	8,025	1964	92,437	Facility	Significant adjustments to design documentation (adding a shelter) will increase the costs	Moderate	863,730
10	Volochysk	Administrative (Social Center)	1,050	1972	6,870	Facility		Moderate	887,921
		Health (Hospital)	1,928	1984	2,000	Facility	Significant adjustment of design documentation that will most likely increase the costs		
		Educational (Lyceum)	828	1967	973	Facility	Significant adjustment of design documentation; the risk that inclusion of non-energy-efficient measures can exceed 50%.		

* medical services provided in 2022

2. Sub-Projects Implementation and Monitoring

The implementation phase has not started yet.

3. Capacity development

The UNDP TA prepared individual presentations followed by QA sessions to promote the 2nd Call of Proposals for three municipalities (Zviagel and Berdychiv Zhytomyr obl., Svitlovodsk, Kirovohrad obl.); at least two presentations are planned for November (Korosten, Zhytomyr obl., Lutsk, Volynska obl.). The tracking report with the results of communication with 18 municipalities is [here](#).

As a part of cooperation with the UNDP-GEF Project “Removing Barriers to Increase Investment in Energy Efficiency in Public Buildings in Ukraine through the ESCO Modality in Small and Medium Sized Cities” the UNDP TA is facilitating the production of energy efficiency certificates for three municipalities (Korosten, Zviagel, Zhytomyr obl. and Burshtyn, Ivano-Frankivsk obl.) to support the application in the 2nd Call of Proposals.

The UNDP TA initiated a discussion with the UPBEE partners (NTU TA and the CoM) regarding the insufficient interest of targeted municipalities to participate in the Programme due to the lack of clarity in financial scenarios. The informational workshop on financial modelling will be held on 10 November for the municipalities that requested more information.

The UNDP TA continues to work with the group of municipalities over 50 thous. ppl. – consult on emerging issues, advise on technical measures, and follow up on the progress to ensure smooth preparation of the required technical documentation (see details in Section 1).

4. Compliance, Sanctions and Anti-corruption

As of now, two municipalities from the list with design documentation, selected after the 1st Call of Proposals are marked as those that will require precise attention concerning corruption risks.

In September 2023, after the initial assessment of the heads (mayors) of communities, those risks were identified for the mayor of Lanovets city community in Ternopil oblast. The case concerns an administrative offence related to corruption (violation of the requirements for preventing and resolving conflicts of interest).

On 31 October 2023, the mayor of Chortkiv city community in Ternopil oblast received notification on suspicion of negligence that resulted in serious consequences under the criminal code of Ukraine.

Chortkiv city community	Health complex (1 sub-project combines 2 buildings)	1,130,069 EUR
Lanivtsi city community	Health facility	863,730 EUR

The UNDP TA will monitor further developments and pay specific attention to those communities under the risk.

5. Security

The security situation since the previous reporting period remains the same, western and northern parts of Ukraine where the majority of potential sub-projects to be implemented are ranked with the least security risk in the country.

In October, the security restrictions were softened, specifically sites along the border with Belarus (except a small part – a district in Chernihiv - in 3-state border area) are assigned to the **Green zone**, while the sites within 10-70 km from the border with Russia are under high and very high risk.

Therefore, two communities that are in proximity to borders with Belarus, namely Kovel (Volyn obl.)- 63km, Sarny (Rivne obl.) – 55km, are now in green area, and only one municipality that is receiving support in the development of design documentation is located in Orange zone, Konotop (Sumy obl.) - 70 km⁴.

The overall intensity of RF shelling of the border area in the Sumy oblast decreased but continued at pace. The geography of the attacks remained consistent with previous reporting periods.

The UNDP TA consulted with security specialist regarding potential applicants in the 2nd Call of Proposals. Considering the dynamic of the security requirements which are difficult to predict, it was confirmed that security clearance shall be obtained on a case-by-case basis. It was also suggested that the list of applications submitted after the 2nd Call of Proposals can be revised by the UNDP security specialist on the aspect of relevance. National security requirements used as security criteria are aligned with UNDP zoning since the access to the areas close to the contact line is accessible for humanitarian missions only.

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
every Monday	online	UPBEE Progress review meeting	Briefing on operational issues from the UPBEE Programme partners
11.10.23	online	UPBEE / PMSU Meeting	
18.10.23	online	Informational webinar on the 2 nd Call of Proposals	Awareness raising event for potential applicants to the 2 nd Call of Proposals
20.10.23	in-person Kyiv	Expert meeting of the TA UNDP with TA NTU	Guides on the application requirements and technical peculiarities to support the applicants of the 2 nd Call of Proposals.
25.10.23	online	Participation in the ESCO event on promoting energy services in the Zviagel City Community	Presentation of the UPBEE opportunities to local deputies and heads of departments

⁴ More information about the geographical distribution of communities selected after the 1st Call of Proposals is available - [here](#).

Date	Format	Name	Context
27.10./23	online	Presentation of the UPBEE Programme to Svitlovodsk city administration	Inform the Department of Economy about the UPBEE Programme opportunities and benefits
31.10.23	online	Presentation of the UPBEE Programme to Svitlovodsk city administration	Inform the city mayor about UPBEE Programme opportunities and benefits

Encountered challenges and ways to overcome them

- Insufficient quality of the submitted applications during the 1st Call of Proposals
 - Further explore the potential of the DREAM platform, its integration with the software produced by the UPBEE technical team (NTU) and its overall possibilities for automatization of the application process with further assessment and monitoring by introducing effective digital solutions.
 - Engage CoM and UNDP in cooperation with municipalities to ensure sufficient quality of the prepared application focusing on capacity-building activities.
 - Better analyse informational requests and needs of the municipalities, specifically considering the results of pre- and post-workshop surveys in planning further campaigns; follow up on the lessons learned analysis of the technical support platform.
- Insufficient interest among the municipalities in the UPBEE Programme
 - Finalize communication plan and strategy with a clear distribution of roles among the partners; regularly monitor and evaluate its implementation.
 - Focus on the frequently asked questions and concerns expressed by the municipalities by developing a clear guide on communicating disputable aspects.
 - Consider the development and use of a variety of communication tools (leaflets, adv videos, networking side events etc.) and strengthen Programme branding, including the improvement and promotion of [the online platform](#).
- Lengthy process for developing technical documentation of sufficient quality
 - Proactive support of the municipalities based on best practices and lessons learned (the usage of standards templates, experience exchange, incl. via UNDP TA).
 - Develop the roadmap and regularly follow up on the progress.

Visibility and Communication Measures

The information about field visits has been published in local [media](#) and local [website](#). The UNDP TA provided comments on the communication plan, informational materials on a step-by-step guide and recommendations for improving the content of the informational blog.

The UNDP TA initiated a discussion on communication strategy for the 2nd Call of Proposal and raised concern about the quality of awareness-raising campaigns.

The project contributed to the awareness raising campaigns of the 2nd Call of Proposals. The advertisement about the informational workshop (18 October) has been disseminated within its internal base of communities (2,681 addressed; 1,068 reached). Around 280 participants attended the workshop.

The UNDP TA analyzed the survey of the participants after the informational webinar, out of 77 municipalities that completed the questionnaire 36 mentioned that they want to apply in 2023, 16 in the next Call of Proposals, and 20 the lack of information about the Programme. The UNDP TA shared and discussed the results of the survey with the UPBEE partners.

Planning for the next month's activities - upcoming major tasks, meetings

During the next several months the UNDP TA will focus on the following directions:

I. 1st Call of Proposals - capacity building and initial monitoring

- Participate in the workshop for the selected municipalities of the 1st Call of Proposals (20-21 November, Ivano Frankivsk);
- Follow up on the progress with developing design documentation for 20 sub-projects within 5 municipalities (>50thd.ppl) and provide regular technical consultations;
 - Progress meeting with the assigned PIUs (3, 7, 8 November)
 - Revision of the design documentation for Vinnytsia city community (preliminarily expected on 20 November);
 - Revision of the drafted terms of reference for the Ivano-Frankivsk and Konotop city communities.
- Finalize the thematic checklists for monitoring visits and discuss the comments with the UPBEE technical team (NTU);

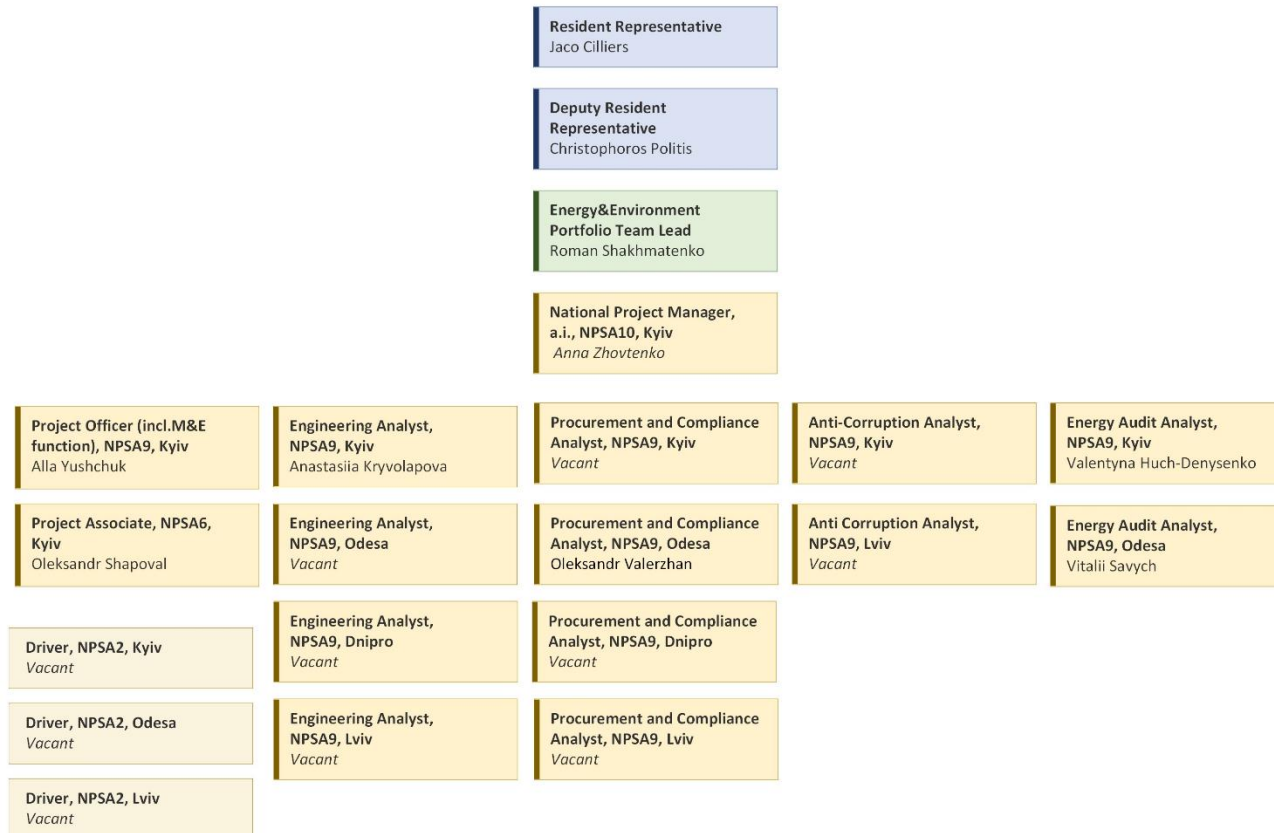
II. 2nd Call of Proposals - awareness raising and capacity building

- Conduct individual presentations to the interested municipalities (Korosten (02.11) and Lutsk (08.11));
- Participate in the Financial Modelling workshop within the 2nd Call of Proposals (10 November);
- Facilitate cooperation between the UNDP-GEF Project "Removing Barriers to Increase Investment in Energy Efficiency in Public Buildings in Ukraine through the ESCO Modality in Small and Medium Sized Cities" regarding energy efficiency certificate in Korosten, Zviagel and Burshtyn;
- Support municipalities that expressed interest (so far three – Zviagel, Korosten and Novovolynsk) to apply for the 2nd Call of Proposals;

III) Administrative project – related matters

- Contribute to the UPBEE communication and operational plan and initiate the discussion to segregate roles and responsibilities with UPBEE Programme partners;
- Clarify project modalities in a view of Environmental and Social Performance monitoring;
- Ensure the Project is registered at the Secretariat of the Cabinet of Ministers of Ukraine.

UNDP TA team Organigramme as of 31 October 2023



**Regional office initially planned in Mukachevo replaced with Lviv; Positions of Anti Corruption Analyst and Driver moved to Lviv instead of initially planned Dnipro*

Site visit reports

- 1 Korets, Rivne oblast
 - 2 Kovel, Volyn oblast
 - 3 Rivne, Rivne oblast
 - 4 Chervonograd, Lviv oblast
 - 5 Novoiavorivsk, Lviv oblast
 - 6 Dolyna, Ivano-Frankivsk oblast
 - 7 Chortkiv, Ternopil oblast
 - 8 Lanivtsi, Ternopil oblast
 - 9 Volochysk, Khmelnytsk oblast
-

On-site verification report

Date:	10/16/2023
Mission purpose	Meet with representatives of the local authorities of the city of Koret to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Valentyna Huch-Denysenko , Energy Auditor Analyst
Community	Koret council
Number of Sub-Projects	1
Names, positions and contact details of city representatives met during the visit	Lyudmila Dmytruk - Mayor of Koretskyi; Roman Silin - Head of the Department of Education, Culture, Youth and Sports of the Koret City Council; Ruslana Yushchuk - gymnasium director; Mykola Lyashuk - head of the department of urban planning, architecture, housing and communal services, economic policy
Previous experience in implementing similar projects with international institutions	The Korets city council participated in the "U-LEAD with Europe" program, within the framework of which work was carried out on the creation of the National Center for National Development in Korets. The Koret City Council is a participant in the USAID HOVERLA investment project. In order to support the field of fire protection, the Koret Territorial Community participated in the project "Firefighters - fire equipment for local fire brigades", which is implemented in cooperation with BGK (Bank of Regional Economy) and financed by the EU.
Plans for participation in the further Call of Proposals for the Programme	They plan to continue participating in the Program.
Information about potential difficulties and barriers in project implementation	The local authorities are concerned about the redistribution of personal income tax (PIT) of the military from local budgets to the state budget. In their opinion, this can be a barrier to paying off a bank loan. Also, the main potential difficulty is concluding a contract with a responsible and honest contractor. The second is the suspension/restriction of the work of the kindergarten during capital repairs, since the summer vacation in the institution is only 1.5-2 months, and it is impossible to carry out all the construction and installation work during this time.
General conclusion regarding the community and Sub-Projects	The measures specified in the Application are necessary for implementation and meet the requirements of the Program.

Prepared by:
Valentyna Huch-denysenko

Date:
10-Nov-23

Revised by:
Anastasiia Kryvolapova

Date:
13-Nov-23

Name of the building	General secondary education institution "Koretsk gymasia"
Building address	St. Kyivska, 58b st. Koretsk
Project name	Overhaul of the building of the preschool structural division of the general secondary education institution "Koretsk Gymnasium" of the Koretsk City Council at Kyivska St., 58b in the city of Korets (insulation of external walls, replacement of the door blocks of the main entrances, replacement of the roof covering with insulation, balancing of valves, replacement of pipelines with their insulation of the heating system in the basement)
Heating area, m2	2634.43
Year of construction	1982
Location	Rivne region
Names, positions and contact details of city representatives met during the visit	Lyudmila Dmytruk - Mayor of Koretskyi; Roman Silin - Head of the Department of Education, Culture, Youth and Sports of the Koret City Council; Ruslana Yushchuk - gymnasium director; Mykola Lyashuk - head of the department of urban planning, architecture, housing and communal services, economic policy
Name of the contact person for project implementation	Mykola Valeriyovych Lyashuk +380 97 125 3396 mkorec850@ukr.net koretsarch@gmail.com
Customer of construction works	
The total number of people visiting the building	347 people, including 8 internally displaced persons
- male	142
- female	205

Current status of project design

At the time of the visit, the city still did not have a positive expert report on the project documentation. They expect to receive a decision on the expert report within two weeks.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	Wall insulation	mineral wool slabs 200 mm thick	Yes	
2.	Insulation of the attic	mineral wool plates based on basalt fiber $\gamma=75\text{kg/m}^3$, $\lambda=0.047\text{W}/(\text{m K})$ 270mm thick (G1) (200mm on the drawings, 270mm in the estimate)	Yes	
3.	insulation of the basement ceiling	mineral wool plates based on basalt fiber $\gamma=100\text{kg/m}^3$, $\lambda=0.041\text{W}/(\text{m K})$ 120mm thick (G1)	Yes	
4.	insulation of the basement (underground part)	Extrusion polystyrene - 100 mm	Yes	

5.	insulation of the basement (above-ground part)	Mineral wool slabs on a synthetic binder - 100 mm (80 mm is included in the estimate)	Yes	
6.	replacement of stained glass windows of entrances #1 and #2	individual metal-plastic products R=0.9 m2K/W	Yes	
7.	installation of a commercial heat energy metering unit		Yes	
8.	installation of an individual heat point		Yes	
9.	thermal insulation and replacement of pipelines of the internal heat supply system with non-heating ones premises		Yes	
10.	hydraulic balancing of the heating system by installing automatic (balancing) valves	automatic balancing valves ABQM manufactured by Danfoss on return risers of the heating system	Yes	

Non-energy efficient measures:

1.	Заміна покрівлі		Yes	
2.	Влаштування пандусу		Yes	
3.	Блискавкозахист		Yes	
4.	Вогнезахист дерев'яних конструкцій		Yes	
5.	Ремонт козирьків над входами		Yes	

Photo





Additional Information

Implemented building modernization measures:

- In 2023, the shelter in the basement of the building was modernized, namely: mechanical ventilation was installed, lighting was replaced, the floor and walls were modernized.
- About 10 years ago, plastic windows were installed, which currently do not meet the minimum energy efficiency requirements.

Conclusion:

The measures specified in the Application are necessary for implementation and meet the requirements of the Program.

On-site verification report

Date:	18.10.2023
Mission purpose	Meet with representatives of the local authorities of the city of Kovel to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Valentyna Huch-Denysenko , Energy Auditor Analyst
Community	Kovel community
Number of Sub-Projects	7
Names, positions and contact details of city representatives met during the visit	Yakovlev Taras , first deputy mayor Chulipa Ivan , managing affairs of the city council Kogrusheva Tetiana , chief specialist of the department of investment policy and project activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com
Previous experience in implementing similar projects with international institutions	In order to ensure the immediate internal movement of people, the implementation of the investment project "Reconstruction of the double-level administrative building and educational and residential building with a large number of apartments" has been launched and living quarters on Dragomanova Street, 17 in the town of Kovel, Volyn region" within the framework of the NEFCO program. Received a grant 1,860.00 thousand. Euro. After the implementation of the project, it is planned to have 24 apartments with the ability to accommodate approximately 70 people. The investment project "Support of the European Union for the provision of Housing for internal displacement in Kovel" is at the stage of implementation, which is being implemented within the framework of the Program to support the European Union "Living for internal movement of people and renewal of temporary places in Ukraine." On February 20, 2023, a grant agreement was signed for 4,806,900 euros. The project involves the creation of a 4-surface residential building.
Plans for participation in the further Call of Proposals for the Programme	They plan to continue participating in the Program.
Information about potential difficulties and barriers in project implementation	no
General conclusion regarding the community and Sub-Projects	Seven buildings, including schools, medical institutions, and a kindergarten, were inspected to assess the appropriateness of the implemented measures as outlined in the Program application. All measures submitted by the city in the application meet the requirements of the Program. However, representatives from the 12th school and the kindergarten emphasized that the buildings are experiencing flooding. It is important to note that the measures outlined in the application do not address the issue of flooding within these buildings.

Prepared by:
Valentyna Huch-
denysenko

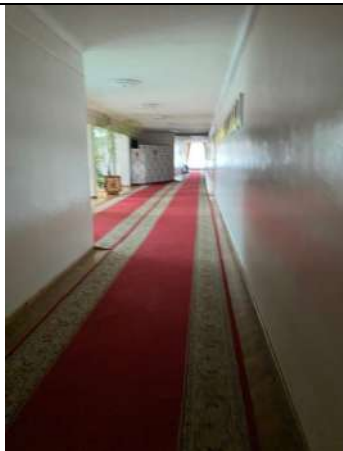
Date:
10-Nov-23

Revised by:
Anastasiia Kryvolapova

Date:
13-Nov-23

Name of the building	Administrative building			
Building address	Volyn Region, Kovel, Nezalezhnosti Street, 73			
Project name	Reconstruction of the administrative building on Nezalezhnosti Street, 73 in the city of Kovel, Volyn Region (correction)			
Heating area, m2	4,005			
Year of construction	1983			
Location	Volyn Region			
Names, positions and contact details of city representatives met during the visit	Yakovlev Taras, first deputy mayor Chulipa Ivan , managing affairs of the city council Kogrusheva Tetiana , chief specialist of the department of investment policy and project activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com			
Name of the contact person for project implementation	Kogrusheva Tetiana Anatoliivna, chief specialist of the department of investment policy and project activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com			
Customer of construction works	City Council			
The total number of people visiting the building	158			
- male	42			
- female	116			
Current status of project design				
Project documentation was developed in 2021. They had an expert report and permission documents for this object, they planned to do repair work with local funds, if not for hostilities. Before submitting an application to the Program, the city made adjustments to the project documentation, added work on the installation of an individual heating station.				
№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	installation of a solar power plant;	The estimated power of the solar power plant is 5 kW (photoelectric modules - 10 pcs., inverter, battery)	Yes	
2.	setting up an individual heating point;	Dependent scheme of connecting heating to heat networks, arrangement of the heat energy regulation unit	Yes	
3.	wall insulation	mineral wool plates, flammability group NG, 150 mm thick	Yes	

4.	insulation of the technical floor	mineral wool plates"lzovat 30", 250 mm	Yes	
5.	replacement of windows		Yes	
6.	insulation of the base	plates made of extruded polystyrene foam, flammability group G1, 50 mm thick,	Yes	
Non-energy efficient measures:				
1.	decoration of the third floor;		Yes	
2.	installation of a drainage system		Yes	
3.	Replacement of internal doors		Yes	
4.	furnishing of interior spaces (corridors)		Yes	
5	Lightning protection		Yes	
6.	Outdoor lighting		Yes	
7	Arrangement of closed space (conference hall)		Yes	
8	Air conditioning system	Air conditioners with mounts and baskets	Yes	
9	Arrangement of the roof	PVC membrane	Yes	
10	Input group		Yes	
11	The area		Yes	
Photo				



Additional Information

Implemented measures to modernize the building:
Repair of the roof with installation of a layer of roofing material in approximately 2006 and replacement of the roof of a one-story building in 2019. The project was developed in 2021. They had an expert report and permission documents for this object, they planned to do repair work with local funds, if not for hostilities. Before submitting the application, they made adjustments to the project documentation, added work on the arrangement of the ITP (individual heating point).

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program.



Name of the building	Kindergarten № 9 "PROLISOK"
Building address:	Volyn region, Kovel district, Kovel city, 74 Simonenka Street
Project name:	Renovation of the building (thermo-modernization) of the preschool education institution of the combined type (nursery-kindergarten) No. 9 "PROLISOK" (child development center) in Kovel at the address of Volyn region, Kovel, street Simonenko, 74
Heating area, m2	2961
Year of construction	1990
Location	Volyn region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA, Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com LAGASYUK Hanna Maryanivna, director of the combined preschool education institution (nursery-kindergarten) No. 9 "Prolisok" (child development center), Kovel, 066 143 81 31 zdo9prolisok_kovel@ukr.net
Name of the contact person for project implementation	LAGASYUK Hanna Maryanivna, director of the combined preschool education institution (nursery-kindergarten) No. 9 "Prolisok" (child development center), Kovel, 066 143 81 31 zdo9prolisok_kovel@ukr.net
Customer of construction works	Department of Education of the City Council
The total number of people visiting the building	329
- male	123
- female	206

Current status of project design

Project documentation passed the project examination, have a positive expert report.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	thermal insulation of external walls	mineral wool plates: flammability group NG, (0.0391 W/(mK)) 200 mm thick, plastered over a fiberglass mesh	Yes	
2.	insulation of window and door slopes	mineral wool plates according to the Caparol system (30 mm)	Yes	
3.	replacement of external doors		Yes	
4.	basement insulation (above and below ground level)	The base is insulated below the level of the gap, with plates made of extruded polystyrene foam CARBON PROFF.	Yes	
5.	Insulation of the combined covering of the floor of the building (thickness of insulation 300 mm)		Yes	

6.	Installation of ITP		Yes	
----	---------------------	--	-----	--

7.	Installation of solar panels		Yes	
8.	insulation of pipes within the ITP		Yes	
Non-energy efficient measures:				
1.	Formation of vestibules of the external entrance		Yes	
2.	Arrangement of the area		Yes	
3.	Lightning protection		Yes	
4.	Ramp Pn-1		Yes	
5.	Arrangement of roofs Dsh1, 2		Yes	
6.	Fence O1,2,3,4,5,6,7,8,9		Yes	
7.	Equipment of pits		Yes	
8.	Porches and landings of the 2nd floor		Yes	
9.	Arrangement of the floor in the basement		Yes	
Photo				
				



Additional Information

Implemented measures to modernize the building:

- renovation of the dining hall in 2016.

The basement of the building is flooded, which threatens the gradual destruction of the foundation.

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. However, the measures submitted in the application do not include any solutions for the problem of flooding in the building.

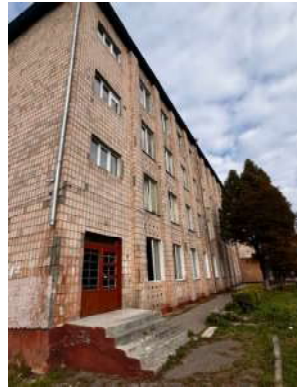
Name of the building	Communal institution "Institution of General Secondary Education Lyceum № 7 of Kovel"
Building address:	Volyn region, Kovel district, Kovel city, Levytskoho Modest Street, 1
Project name:	Capital repair of the building (thermo-modernization) of the general secondary education institution "Lyceum No. 7 of Kovel" at the address of Volyn region, Kovel, str. Modesta Levytskyi, 1
Heating area, m2	4389
Year of construction	1974
Location	Volyn region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA, Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com KUBAI Valery Oleksandrovyich, director of the institution of general secondary education "Lyceum №. 7 of Kovel", 099 306 52 45. school7kovel@ukr.net
Name of the contact person for project implementation	KUBAI Valery Oleksandrovyich, director of the institution of general secondary education "Lyceum №. 7 of Kovel", 099 306 52 45. school7kovel@ukr.net
Customer of construction works	Department of Education of the City Council
The total number of people visiting the building	1178
- male	528
- female	650

Current status of project design

Project documentation passed the project examination, have a positive expert report.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	wall insulation	with mineral wool plates, flammability group NG, 200 mm thick, plastered over a fiberglass mesh	Yes	
2.	insulation of the combined coating	insulated with 300 mm mineral wool plates	Yes	
3.	insulation of the attic floor	The attic part of the building is insulated with mineral wool plates with a thickness of 250 mm	Yes	
4.	installation of ITP with accounting unit		Yes	
5.	installation of solar power plants		Yes	

6.	basement insulation (above ground level)	plates made of extruded polystyrene foam, flammability group G1, 100 mm thick, plastered over a fiberglass mesh	Yes	
7.	basement insulation (below ground level)	plates made of extruded polystyrene foam, flammability group G1, 100 mm thick, with the arrangement of coating waterproofing and the arrangement of a	Yes	
8.	Partial replacement of external doors		Yes	
9.	hydraulic balancing of the heating system	installation of automatic balancing valves AB-QM by Danfoss.	Yes	
10.	arrangement of thermal insulation of pipelines of the heating system within the basement		Yes	
Non-energy efficient measures:				
1.	Lightning protection		Yes	
2.	Replacement and reinforcement of pitched roof structural elements		Yes	
3.	Drainage system		Yes	
4.	Arrangement of roofs D1, D2		Yes	
5	Repair of porches		Yes	
Photo				



Additional Information

Implemented measures to modernize the building:
- renovation of the dining hall in 2017.

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program.

Name of the building	Public building of the general secondary education institution of I-III degrees № 12
Building address:	St. Simonenka, 76 in the town of Kovel, Kovel district, Volyn region
Project name:	Capital repair of the building (thermo-modernization) of the general secondary education institution of I-III degrees No. 12, Kovel city, at the address of Volyn region, Kovel city, str. Simonenko, 76
Heating area, m2	7846
Year of construction	1990
Location	Volyn region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA, Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com SHCHUR Ihor Romanovych, director of general secondary education institution of I-III degrees No. 12, Kovel, 096 448 90 73 zoh12kovel@gmail.com
Name of the contact person for project implementation	SHCHUR Ihor Romanovych, director of general secondary education institution of I-III degrees No. 12, Kovel, 096 448 90 73 zoh12kovel@gmail.com
Customer of construction works	Department of Education of the City Council
The total number of people visiting the building	1225
- male	589
- female	636

Current status of project design

Project documentation passed the project examination, have a positive expert report.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	wall insulation	with mineral wool plates "Izovat 135" ($\lambda_B \leq 0.0393 \text{ m}^2 / ^\circ\text{K/W}$), 200 mm thick, plastered over a fiberglass grid	Yes	
2.	insulation of the combined floor	mineral wool 300 mm thick (Izovat 110 - 250 mm + Izovat 180 - 50 mm)	Yes	
3.	insulation of the base	insulated below the ground level by 1 m, with plates made of extruded polystyrene foam "Sweetondale Carbon Prof" ($\lambda_B \leq 0.034 \text{ m}^2 / ^\circ\text{K/W}$), thickness 100 mm., plastered over a fiberglass mesh	Yes	

4.	setting up an individual heating point (etc.)	with the accounting node	Yes	
5.	balancing of the indoor heating system		Yes	
6.	replacement of thermal insulation of the heating system pipelines within the basement		Yes	
7.	installation of solar panels		Yes	
8.	replacement of the external door of the external entrance		Yes	
9.	replacement of window units in common areas		Yes	
10.				
Non-energy efficient measures:				
1.	Lightning protection		Yes	
2.	arrangement of the ramp		Yes	
3.	Repair of porches		Yes	
4.	Repair of pits		Yes	
5.				
Photo				



Additional Information

Implemented measures to modernize the building:

- roof repair (insulation replacement) in 2013

The basement of the building is flooded, which threatens the gradual destruction of the foundation.

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. However, the measures submitted in the application do not include any solutions for the problem of flooding in the building.

Name of the building	Maternity hospital of the Communal non-profit enterprise Kovel city-district territorial medical association of the Kovel city council of the Volyn region
Building address:	22 Vitovsky Street in Kovel, Volyn Region
Project name:	"Major repair of the facade of the maternity hospital of the Communal non-commercial enterprise of Kovel city district Territorial Medical Association of the Kovel City Council of the Volyn Region at 22 Vitovsky Street in the city of Kovel, Volyn Region"
Heating area, m2	8495
Year of construction	1985
Location	Volyn Region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com Volodymyr Volodymyrovych FEDORUK , technical expert of the project implementation group, 050 378 50 88. fv0262@gmail.com
Name of the contact person for project implementation	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com
Customer of construction works	Department of Health Protection of the City Administration.
Total number of people working the building :	214
- Male	23
- Female	191

Current status of project design

Project documentation was developed in 2019. The project documentation was adjusted in 2023, and a direct contract was concluded with the designer. Project adjustments were made during the month

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	wall insulation	mineral wool insulation ROCKWOOL FRONTROCK SUPER thickness. 200 mm	Yes	
2.	insulation of the basement (underground part)	extruded polystyrene foam thickness. 50 mm	Yes	
3.	insulation of the basement (above-ground part)	extruded polystyrene foam thickness. 50 mm equipped with a decorative solution	Yes	

4.	insulation of the floor under the tr	mineral wool ROCKWOOL SUPERROCK thickness 200 mm	Yes	
5.	filling window and door openings	metal-plastic structures	Yes	
Non-energy efficient measures:				
1.	visor		Yes	
2.	porch and entrance to the basement		Yes	
Photo				
				
				
Additional Information				
<p>Over the course of 2018-2023, capital repairs were carried out on individual floors of buildings, the replacement of internal engineering networks in basements is ongoing).</p>				
Conclusion:				
<p>The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program.</p>				

Name of the building	Central district hospital of the communal non-profit enterprise "Kovel city-district territorial medical association of the Kovel city council of the Volyn region
Building address:	Ukraine, Volyn region, Kovel, st. O. Pchilki, 4
Project name:	Major repair of the facade of the building of the clinical and diagnostic laboratory of the central district hospital of the Communal non-profit enterprise Kovel city-district territorial medical association of the Kovel city council of the Volyn region on Olena Pchilka street, 4 in the city of Kovel, Volyn region.
Heating area, m2	9027
Year of construction	1962
Location	Volyn Region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com Volodymyr Volodymyrovych FEDORUK , technical expert of the project implementation group, 050 378 50 88. fv0262@gmail.com
Name of the contact person for project implementation	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com
Customer of construction works	Department of Health Protection of the City Administration.
Загальна кількість осіб, які відвідують заклад :	The design capacity of the medical facility is 560 beds. From March 2022 to July 2023, 23,716 individuals were treated at the hospital, including 800 internally displaced persons and 2,017 military personnel. As a percentage of the total treated, it is 3.4% and 9.3%, respectively. The total number of personnel working in the building is 411, of which 75 are men.

Current status of project design

Project documentation was developed in 2019. Project adjustments were made in 2023, a direct contract was concluded with the designer. Project adjustments were made during the project month.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	insulation of external walls	facade insulation and equipment made of aluminum composite panels on a supporting frame	Yes	
2.	insulation of the base	to a depth of 0.9 m from the day surface of the earth	Yes	

3.	insulation of the basement (above-ground part)	50 mm mineral wool plates lined with ceramic tiles	Yes	
Non-energy efficient measures:				
1.	repair of the entrance group		Yes	
2.	decoration of steps with the installation of a fence		Yes	
3.	arrangement of porch canopies of entrance groups		Yes	
4.	organize organized drainage of rainwater and meltwater from the roof		Yes	
11				

Photo



Additional Information

In 2021, a project was implemented to reconstruct the reception department with the addition of a two-story building, and the two buildings were combined into one building of the central district hospital. Project documentation was developed back in 2018. Project adjustments were made in 2023, a direct contract was concluded with the designer. Project adjustments were made during the project month.


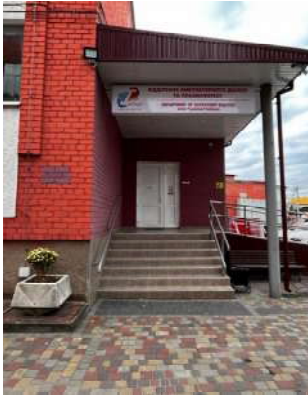
Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program.

Name of the building	The building of the clinical diagnostic laboratory of the central district hospital of the Communal non-profit enterprise Kovel city-district territorial medical association of the Kovel city council of the Volyn region
Building address:	Ukraine, Volyn region, Kovel, st. Olena Pchilka, 4
Project name:	Capital repair of the facade of the building of the central district hospital Communal non-commercial enterprise Kovel city district territorial medical association of the Kovel city council of the Volyn region at 4 Olena Pchilka Street in the city of Kovel Volyn region.
Heating area, m2	1085
Year of construction	1980/2022 (the kitchen building)
Location	Volyn Region
Names, positions and contact details of city representatives met during the visit	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com Volodymyr Volodymyrovych FEDORUK , technical expert of the project implementation group, 050 378 50 88. fv0262@gmail.com
Name of the contact person for project implementation	Tetyana Anatoliivna KOHRUSHEVA , Chief Specialist of the Department of Investment Policy and Project Activities of the Department of Economic Development and Trade, 066 744 65 79. kmrada1@gmail.com
Customer of construction works	Department of Health Protection of the City Administration.
Total number of people work the building :	56
- Male	3
- Female	53
Current status of project design	

Project documentation was developed in 2018. Project adjustments were made in 2023, a direct contract was concluded with the designer. Project adjustments were made during the project month.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	insulation of external walls	insulation system with facade insulation and equipment made of aluminum composite panels on a supporting frame	Yes	
2.	insulation of the base	to a depth of 0.9 m from the day surface of the earth	Yes	
3.	insulation of the basement (above-ground part)	extruded polystyrene 50 mm	Yes	

Non-energy efficient measures:				
1.	repair of the entrance group		Yes	
2.	decoration of steps with the installation of a fence		Yes	
3.	arrangement of porch canopies of entrance groups		Yes	
4.	organize organized drainage of rainwater and meltwater from the roof		Yes	
Photo				
				
Additional Information				
In 2023, the kitchen building was reconstructed. During the reconstruction, all internal engineering networks were replaced.				
Conclusion:				
The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program.				

On-site verification report

Date:	10/17/2023
Mission purpose: Date of visit:	Meet with representatives of the local authorities of the city of Rivne to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Valentyna Huch-Denysenko , Energy Auditor Analyst
Community	Rivne community
Number of Sub-Projects	2
Names, positions and contact details of city representatives met during the visit	Artem Hanshchuk, Deputy Mayor of Rivne Yevgeny Ivanishyn, deputy mayor of Rivne Lyashuk Mykola, department of capital construction of the city council, tel. 0971253396
Previous experience in implementing similar projects with international institutions	In 2015, cooperation with NEFKO began. Three projects were successfully implemented, within the framework of which measures for complete thermal modernization were implemented in three lyceums and three preschool education institutions. Currently, the implementation of the fourth joint project with NEFKO regarding the reconstruction and restoration of municipal infrastructure is underway, in which three preschool education institutions participate. As part of the project, energy-efficient and necessary auxiliary measures are being implemented (thermomodernization of buildings; installation of solar collectors; interior repairs, purchase of necessary furniture and equipment) at three facilities: - Rivne Educational and Rehabilitation Center "Special Child" of the Rivne City Council; - preschool education institution (nursery-kindergarten) of compensatory type (special) "Paginets Center" of the Rivne City Council; - pre-school education institution (nursery-kindergarten) of compensatory type (special) No. 35 of the Rivne City Council.
Plans for participation in the further Call of Proposals for the Programme	Plan to continue participating in the Program.
Information about potential difficulties and barriers in project implementation	None
General conclusion regarding the community and Sub-Projects	Two buildings were inspected: schools № 13 and № 8 regarding the appropriateness of the implementation of the measures specified in the application to the Program. The specified measures in the applications to the program are necessary for implementation, except for the measure "Replacement of existing wooden window blocks with metal-plastic ones" in the school 8 application. This measure has already been taken. In general, all measures that the city submitted in the application meet the requirements of the Program.

Prepared by: Valentyna Huch-denysenko
Date: 10-Nov-23

Revised by: Anastasiia Kryvolapova
Date: 13-Nov-23

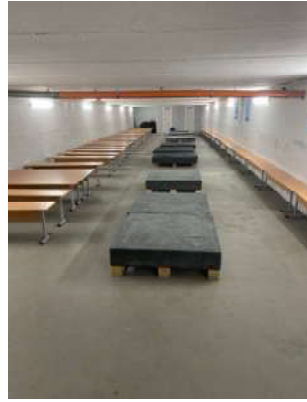
Name of the building	School №. 13
Building address	Rivne city, Gagarina street, b. 53
Project name	Overhaul of primary school I-III degrees No. 13 on the street. Vasylya Chervoniya, 53 in Rivne (thermo-modernization of the building)
Heating area, m2	6570
Year of construction	1978
Location	Rivne community
Names, positions and contact details of city representatives met during the visit	Lyashuk Mykola, department of capital construction of the city council, tel. 0971253396
Name of the contact person for project implementation	Lyashuk Mykola, department of capital construction of the city council, tel. 0971253396
Customer of construction works	Building Department of City Council
The total number of people visiting the building	Total number - 1744, Internally displaced persons - 48, persons with disabilities - 32
- male	821
- female	923

Current status of project design

Project documentation was developed in 2022. The design documentation was adjusted in 2023, the City concluded direct contracts with the designer. At the time of the visit, they do not yet have an expert report on the project documentation, they will receive an expert report during the next week (October 23-30). The adjustment of the project documentation needed to be finalized, because there were no measures for the arrangement of an individual heat point and it was necessary to recalculate the prices included in the estimate for today.

№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	Insulation of the combined roof with replacement of the roofing carpet	150mm and 100mm thick mineral wool plates	Yes	
2.	Wall insulation	mineral wool plates 150 mm	Yes	
3.	insulation of the basement of the two-story parts of the building 200 mm below the zero level		Yes	
4.	insulation of the basement of the four-story part of the building 700 mm below the zero level		Yes	
5.	insulation of the basement above ground level		Yes	
6.	insulation of the basement below the ground level by 1.0 m in the zone of technical underground	extruded polystyrene plates with a thickness of 50 mm and 100 mm in the technical underground and the heated basement, respectively	Yes	

7.	insulation of the basement below the ground level by 1.5 m in the zone of the operated basement	100 mm thick extruded polystyrene foam is used in the heated basement area for 1.5 m	Yes	
8.	replacement of existing wooden window blocks with metal-plastic ones	energy-saving with two-chamber double-glazed windows with energy-saving coating 24 mm thick, two low-emulsion glasses with argon gas filling (4s-12Ar-4- 12Ar-4i) in metal-plastic frames, installation thickness 70 mm with 5-chamber PVC profile with heat transfer resistance = 0,9(m2	No	In the summer of 2023, the wooden windows have already been replaced with new metal-plastic ones with 4-16-4-16-4 double-glazed windows. This measure is not planned to be implemented.
9.	replacement of existing wooden and metal door blocks with metal-plastic ones	= 0.70(m2 K)/W	Yes	
10.	arrangement of the entrance vestibule (main entrance)	from metal-plastic stained-glass windows with reinforced double-glazed windows measuring 8600x2700x2700(H)mm	Yes	
Non-energy efficient measures:				
1.	roof protection and fire escape according to regulatory requirements		Yes	
2.	partial extension of the parapet		Yes	
3.	replacement of deflectors		Yes	
4.	arrangement of the dressing room		Yes	
5.	restoration of the covering of the external stairs with the installation of a protective fence and visors		Yes	
6.	ventilation repair	replacement of exhaust ventilation equipment from the workshop, provision of ventilation in rooms #2 and #10 of the basement floor, replacement of the section of the ventilation air duct from room #8 of the basement floor	Yes	
7.	lightning protection		Yes	
8.	electrical works		Yes	
9.	entrances to the basement and pits		Yes	
10.	air shaft		Yes	
11.	plinth below ground level	plastering, waterproofing	Yes	
Photo				



Additional Information





Implemented measures to modernize the building:

- Current repairs in 2022;
- In the summer of 2023, the wooden windows have already been replaced with new metal-plastic ones with 4-16-4-16-4 double-glazed windows. This measure is not planned to be implemented.

Conclusion:

The measures specified in the Application are necessary for implementation, except for the measure "Replacement of existing wooden window blocks with metal-plastic ones". This event has already been completed. In general, all measures that the city submitted in the application meet the requirements of the Program.

Name of the building	School №. 8			
Building address	St. 20, Knyazya Ostrozhsky, Rivne			
Project name	Overhaul of elementary school I-III grade No. 8 on the street. Knyazya Ostrozhsky, 20 in the city of Rivne (thermal modernization of the building)			
Heating area, m2	6805			
Year of construction	1975			
Location	Rivne community			
Names, positions and contact details of city representatives met during the visit	Lyashuk Mykola, department of capital construction of the city council, tel. 0971253396			
Name of the contact person for project implementation	Lyashuk Mykola, department of capital construction of the city council, tel. 0971253396			
Customer of construction works	Building Department of City Council			
The total number of people visiting the building	Total number - 1032, Internally displaced persons - 29, persons with disabilities - 27			
- male	473			
- female	559			
Current status of project design				
Project documentation was developed in 2022. The design documentation was adjusted in 2023, the City concluded direct contracts with the designer. At the time of the visit, they do not yet have an expert report on the project documentation, they will receive an expert report during the next week (October 23-30). The adjustment of the project documentation needed to be finalized, because there were no measures for the arrangement of an individual heat point and it was necessary to recalculate the prices included in the estimate for today.				
№	Name measure	Brief description	Do the measures need to be implemented? (yes/no)?	Comments
Energy-efficient measures				
1.	insulation of the combined roof (with replacement of the roofing carpet)	150mm and 100mm thick mineral wool plates	Yes	
2.	wall insulation	mineral wool plates 150 mm	Yes	
3.	insulation of the base		Yes	
4.	replacement of wooden windows	energy-saving with two-chamber double-glazed windows with energy-saving coating 24 mm thick, two low-emulsion glasses with argon gas	Yes	
5.	replacement of wooden and metal doors	$R = 0.70(\text{m}^2 \text{ K})/\text{W}$	Yes	

Non-energy efficient measures:			
1.	partial extension of the parapet		Yes
2.	roof protection and fire escape		Yes
3.	cleaning of ventilation ducts		Yes
4.	repair of stairs		Yes
5.	Restoration of porches		Yes
6.	Lightning protection		Yes
7.	Entrance to the basement		Yes
Photo			
			
			
Additional Information			
<p>Implemented measures to modernize the building:</p> <ul style="list-style-type: none"> - Current repairs in 2022; - Overhaul of part of the roof in 2020. 			
Conclusion:			

The measures specified in the Application are necessary for implementation and meet the requirements of the Program.

On-site verification report

Date:	24.10.2023
Mission purpose:	Meeting with community representatives responsible for implementing thermal modernization projects under the UPBEE Program. Community representatives provided the necessary general information about the facilities. Viewing of the buildings according to the developed technical documentation, which are planned to be modernized under the UPBEE Program.
UNDP Technical Assistance specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Chervonograd city community
Number of objects	1
Contact details of community members	<ol style="list-style-type: none"> 1. Balko Dmytro Ihorovych 0958552239 - First Deputy Mayor of Chervonograd Gursky Oleg Romanovich 0968145091 2. Head of the Department of Urban Planning and Architecture of Chervonograd City Council, Chief Architect 3. Eikhorn Ivanna Yaroslavivna Director of the People's House 4. Bazhun Khrystyna Yurivna Deputy Head of the Capital Construction Department
Previous experience in implementing similar projects with international organizations	In 2016, the hall was renovated in this building under the RENATE MERKLE STIFTUNG program.
Plans for participation in the further Call of Proposals for the Programme	The community no longer plans to participate in the program. Plans to implement 1 project
Information about potential difficulties and barriers in project implementation	The community wants to implement this project, the main difficulties for the implementation of this project are the right solution to eliminate cracks in the foundation and the choice of a professional contractor. After adjusting the project, the estimated cost will increase to approximately UAH 70,000,000
General conclusion	All the works specified in the project and the estimate should be carried out, but after identifying the cause of the cracks in the building and making a decision on their elimination.

Prepared by:
Anastasiia Kryvolapova

Date:
1-Nov-23

Revised by:
Vitalii Savych

Date:
10-Nov-23

Name of the building:	Chervonohrad People's House
Address of the building:	15 Shevchenko ave., Chervonohrad, Lviv region
Project name:	"Repair of the People's House in Chervonohrad, Lviv Oblast"
Heating area, (m2):	4104
Year of commissioning of the building	1961
Contact details of community members during the visit:	Balko Dmytro Ihorovych - First Deputy Mayor of Chervonohrad Gursky Oleg Romanovich - Head of the Department of Urban Planning and Architecture of Chervonohrad City Council, Chief Architect Eikhorn Ivanna Yaroslavivna - Director of the People's House Bazhun Khrystyna Yurivna Deputy Head of the Capital Construction Department
Person responsible for project implementation	Eikhorn Ivanna Yaroslavivna - Director of the People's House
Requestor of services	Institution-Chervonohrad People's House
Total number of people visiting the institution :	21 164 during 2022 (children - 10747 people (including IDPs - 150 people, people with disabilities - 2029 people), pensioners - 4059 (women - 4059, including IDPs - 1200 people)
Men of IDP	N/A
Women of IDP	N/A

Current status of project design

1.	<i>Energy-efficient</i> works have been added to the design and estimate documentation: facade insulation, attic insulation, basement insulation, and window replacement. After adjusting the design and estimate documentation (drafted on 2017), these works and the additional works to the ToR should be completed.
2.	<i>Non-energy efficient works:</i> roof repair, fire protection treatment of wooden structures, lightning protection of the building, installation of a ramp and landscaping from the main entrance, external stairs and installation of an LED screen. After adjusting the design and estimate documentation, these works and the added works to the ToR should be performed.

Photo





Additional information

The project and estimates were developed in 2017 (the consequence class was CC2 in the project, after adjustments it will be CC3). To participate in the program, adjustments to the project and estimates are being developed. For this purpose, a direct contract was signed with the contractor. The ToR include installation work:

- individual heating point
- installation of storage facilities
- replacement of windows
- develop ventilation works
- Eliminate cracks on the facade and foundation of the building
- solving the issue of basement flooding.

The designer started working on the project and the estimate simultaneously with the technical inspection experts. The main problem for the project development is to make a decision and find out the cause of the **cracks on the foundation and facade of the building since 10/27/21**. To resolve this issue, the third organization of experts is being engaged to conduct a technical inspection of the building. The experts took a soil sample and promise to give recommendations.

The building's roof is also leaking, and buckets are placed inside the building to collect water after rains. The interior repairs are damaged.

Conclusion:

The building requires specific attention from the point of current technical conditions and relevance. All the works specified in the project and the estimate should be carried out, but after identifying the cause of the cracks in the building and making a decision on their elimination.

On-site verification report

Date:	24.10.2023
Mission purpose:	Meeting with community representatives responsible for implementing thermal modernization projects under the UPBEE Program. Community representatives provided the necessary general information about the facilities. Viewing of the buildings according to the developed technical documentation, which are planned to be modernized under the UPBEE Program.
UNDP Technical Assistance specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Novoyavoriv city community
Number of objects	1
Contact details of community members	Halyna Romanivna Dzhulai, First Deputy Mayor, 0671174868 Sakhno Maria Bohdanivna, Director of kindergarten N 9, 0973730856
Previous experience in implementing similar projects with international organizations	The community implements thermal modernization projects not only in public facilities, but also has experience in thermal modernization of residential multi-storey buildings. The community has experience with the energy efficiency fund and with the GIZ and IFC programs
Plans for participation in the further Call of Proposals for the Programme	When applying for participation in the Program, we planned to submit 3 facilities. They did not have time to develop the project design, so they applied with 1 facility. They are planning to submit 2 more preschool education institutions: Dobrostanty village and Prylbychi village, which is about 40 km from Novoyarivsk.
Information about potential difficulties in project implementation	They do not see any difficulties in implementing the project, except for the time required to allocate funds, draw up a schedule and approve financial documents.
General conclusion	Communities demonstrated sufficient preparedness for implementing the project. All work specified in the project/estimate, as well as added during the adjustment, needs to be completed.

Prepared by:
Anastasiia Kryvolapova

Date:
2-Nov-23

Revised by:
Vitalii Savych

Date:
10-Nov-23

Name of the building:	Kindergarden No. 9, Novoyavorisk city
Address of the building:	16A Shevchenko str., Novoyavorivsk, Lviv region, Ukraine
Project name:	Repair (insulation) of enclosing structures and technical re-equipment of internal engineering systems of the kindergarden No. 9
Heating area, (m2):	2298
Year of commissioning of the building	1991
Names, positions and contact details of city representatives met during the visit	Halyna Romanivna Dzhulai, First Deputy Mayor, 0671174868 Sakhno Maria Bohdanivna, Director of kindergarden N 9, 0973730856
Person responsible for project implementation	Sakhno Maria Bohdanivna, Director of kindergarden N 9, 0973730856
Requestor of services	The customer for the design and construction works will be a kindergarden.
Total number of people visiting the institution :	218 (staff - 68, children - 150)
Men of IDP	N/A
Women of IDP	N/A

Current status of project design

1.	Energy-efficient works have been added to the design and estimate documentation: facade insulation, combined insulation, roof overlap, basement floor insulation, ventilation, replacement of doors and windows, basement insulation, installation of an individual heating point, heating.
2	Non-energy efficient works: Lightning protection, rainwater drainage, repair of balconies, repair of entrance groups, arrangement of porches

Photo





Additional information

The project was adjusted within two months. We signed a direct contract with the design organization. **The technical expertise was completed during a month. They have all the technical documentation.** The institution is inclusive. The institution takes in 5 children with disabilities (mental and emotional disorders). In the future, the community wants to make an inclusive room for children with disabilities. It will be a room for calming down and will be equipped for children's development.

Conclusion:

The community is ready to sign the financial agreement and start the tender process to select a contractor to start the construction works.
All the works specified in the project need to be performed.

On-site verification report

Date:	25.10.2023
Mission purpose:	Meeting with community representatives responsible for implementing thermal modernization projects under the UPBEE Program. Community representatives provided the necessary general information about the facilities. Viewing of the buildings according to the developed technical documentation, which are planned to be modernized under the UPBEE Program.
UNDP Technical Assistance specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Dolyna city community
Number of objects	1
Names, positions and contact details of city representatives met during the visit	Andriy Martyn, 0978667409, andriymartyn84@gmail.com Serhiy Gargat is the head of the city council's housing and utilities department.
Previous experience in implementing similar projects with international organizations	The community has experience in implementing thermal modernization projects within the framework of NEFCO projects. The community has experience of working with grants, 30 multi-apartment residential buildings were thermally modernized with funds allocated by a grant from the European Union
Plans for participation in the further Call of Proposals for the Programme	Dolyna Lyceum No. 4 will be the first of 7 schools to participate in the thermal modernization program. The community plans to participate in the program and submit two more educational institutions - schools.
Information about potential difficulties in project implementation	Potential difficulties foreseen by the community in implementing the project include exchange rate differences, changes in the cost of materials in the market, the risk of signing a contract with an unscrupulous contractor, and risks associated with the war.
General conclusion	Communities demonstrated sufficient preparedness for implementing the project. All work specified in the project/estimate, as well as added during the adjustment, needs to be completed.

Prepared by:
Anastasiia Kryvolapova

Date:
2-Nov-23

Revised by:
Vitalii Savych

Date:
10-Nov-23

Name of the building:	Dolyna Lyceum No. 4, Dolyna
Address of the building:	16 Oblisky str., Dolyna, Ivano-Frankivsk region
Project name:	Overhaul (thermal modernization) of Dolyna Lyceum No. 4 at 16 Oblisky Street in Dolyna, Kalush district, Ivano-Frankivsk region
Heating area, (m2):	4535, 8 m2
Year of commissioning of the building	
Contact details of community members during the visit:	Andriy Martyn, 0978667409, andriymartyn84@gmail.com Serhiy Gargat is the head of the city council's housing and utilities department.
Person responsible for project implementation	Serhiy Gargat - Head of the Housing and Communal Services Department of the City Council
Requestor of services	The construction works are to be commissioned by the Housing and Communal Services Department of the City Council.
Total number of people visiting the institution :	The total number of people attending the institution is 612: - Employees - 92 (males - 17, females - 75); - The lyceum has 520 students (male - 261, female - 259), including 18 IDPs (male - 9, female - 9).
Men of IDP	9
Women of IDP	9

Current status of project design

1.	Energy-efficient works have been added to the design and estimate documentation: wall insulation, insulation of the basement, insulation of the basement (underground part), insulation of slopes, replacement of windows, replacement of doors, insulation of the attic of the 2nd floor, insulation of the ceiling of the 3rd floor After adjusting the design and estimate documentation (drafted until 2023), these works and the additional works to the ToR should be completed.
2.	Non-energy efficient works: Replacement of the blind area, repair of porches, installation of a ramp, fire protection of wooden roof elements, replacement of the roof covering and roof bearing elements, installation of an automatic fire alarm system and evacuation control, installation of lightning protection, installation of a plinth, installation of external metal stairs. After adjusting the design and estimate documentation, these works and the added works to the ToR should be performed.

Photo





Additional information

The project was commissioned by the Housing and Communal Services Department of the City Council. A direct contract was signed with the design organization. Now they are making adjustments to the project, adding an individual heating point. At the time of the meeting, they did not have a project with a positive expert report. They expect to receive the developed project from the designer within 1-2 weeks. After that, it will take another month or so to pass the expert review. By the end of November, they expect to receive an expert report on the project.
In 2022, the facility underwent internal renovations on the first floor.

Conclusion:

All works specified in the project/estimate and added to the project adjustment must be performed after passing the project examination. The design and estimate documentation did not include the construction of the shelter, and they are waiting for the expert review. There is a risk that the expert review will be negative, and the project will have to be redesigned and the construction of the shelter added.

On-site verification report

Date:	10/25/2023
Mission purpose	Meet with representatives of the local authorities of the city of Chortkiv to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Chortkiv community
Number of Sub-Projects	2
Names, positions and contact details of city representatives met during the visit	Shmatko Volodymyr - mayor of the Chortkiv city community; Bondarenko Yana - energy manager of the Chortkiv city community, +380937302129, energy.chortkivmr@gmail.com Rostislav Shulsky - director of the Chortkiv central city hospital
Previous experience in implementing similar projects with international institutions	Existing experience of cooperation with the Northern Environmental Financial Corporation (NEFKO): in 2019, the project "Thermal renovation of the building of Chortkiv Secondary School No. 5" was implemented. Currently, 2 more projects are at the stage of implementation: the project "EU support for urgent housing needs of internally displaced persons in the city of Chortkiv" is implemented with the support of NEFKO as an executive organization within the framework of the Neighborhood Investment Platform ("NIP") and "Repair with the implementation of energy saving measures buildings of Chortkivska ZOSH I-III century. No. 7".
Plans for participation in the further Call of Proposals for the Programme	They community is doubtful about participation in the Second Call of Proposal for the Programme.
Information about potential difficulties and barriers in project implementation	Worn-out of the water and heat supply systems; Lack of qualified personnel for construction works
General conclusion regarding the community and Sub-Projects	A strong and capable community with good experience in implementing projects with the involvement of credit resources from international financial organizations. Due to a significant increase in the interest rate and the plans of the Cabinet of Ministers to reduce tax revenues in local budgets, the community considers future participation in the project doubtful

Prepared by: Vitalii Savych Date: 8-Nov-23

Revised by: Anastasiia Kryvolapova Date: 10-Nov-23

Name of the building	Polyclinic department of the communal non-profit enterprise "CHORTKIVSKA CENTRAL CITY HOSPITAL" of CHORTKIVSKA CITY COUNCIL
Building address:	Ukraine, 48500, Ternopil region, Chortkiv, Dmytra Piguta street, building 31b
Project name:	«Reconstruction of the individual heating unit of the Polyclinic of the Municipal non-profit enterprise "Chortkiv Central City Hospital" of the Chortkiv City Council, located at the address: Ternopil region, Chortkiv city, Dmytra Piguta street, building 31-B» "Repair with the implementation of energy-saving measures of the buildings of the polyclinic and hospital of the Chortkiv Central City Hospital of the Chortkiv City Council, located at the address: Ternopil Region, Chortkiv, str. D. Piguta, building 31-B"
Heating area, m2	6786
Year of construction	1990
Location	Ternopil region, Chortkiv
Names, positions and contact details of city representatives met during the visit	Shmatko Volodymyr - mayor of the Chortkiv city community; Bondarenko Yana - energy manager of the Chortkiv city community; Rostislav Shulsky - director of the Chortkiv central city hospital
Name of the contact person for project implementation	Bondarenko Yana - energy manager of the Chortkiv city community;
Customer of construction works	Municipal non-profit enterprise "Chortkiv Central City Hospital" of the Chortkiv City Council
Total number of people working the building :	586
- Male	102
- Female	484

Photo





Additional Information

Polyclinic of the Chortkiv Central City Hospital is a health care institution that has an important social impact on the community.

The total number of medical services provided:

2022: 110820 - polyclinic; 2023: 35790 - polyclinic

In addition to providing services to residents of the community, the hospital also serves IDPs who have found shelter in Chortkiv community, which is currently 2,835 people.



number of IDP patients:

2022 year: 2601 - polyclinic, 2.3% of the total number of patients

2023 year: 673 - polyclinics, 1.8% of the total number of patients.

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group. Estimates are provided at prices for December 26, 2022, - it is necessary to recalculate the estimated cost. Also, in connection with the change in legislation, it is necessary to edit the "Energy efficiency" section in project design documentation. Finalization of all comments is planned during the adjustment, which will be carried out within the framework of one unified project for two buildings.

Name of the building	Hospital department of the communal non-profit enterprise "CHORTKIVSKA CENTRAL CITY HOSPITAL" of CHORTKIVSKA CITY COUNCIL
Building address:	Ukraine, 48500, Ternopil region, Chortkiv, Dmytra Piguta street, building 31b
Project name:	«Reconstruction of the individual heating unit of the Hospital of the Municipal non-profit enterprise "Chortkiv Central City Hospital" of the Chortkiv City Council, located at the address: Ternopil region, Chortkiv city, Dmytra Piguta street, building 31-B» "Repair with the implementation of energy-saving measures of the buildings of the polyclinic and hospital of the Chortkiv Central City Hospital of the Chortkiv City Council, located at the address: Ternopil Region, Chortkiv, str. D. Piguta, building 31-B"
Heating area, m2	5256
Year of construction	1962
Location	Ternopil region, Chortkiv
Names, positions and contact details of city representatives met during the visit	Shmatko Volodymyr - mayor of the Chortkiv city community; Bondarenko Yana - energy manager of the Chortkiv city community; Rostislav Shulsky - director of the Chortkiv central city hospital
Name of the contact person for project implementation	Bondarenko Yana - energy manager of the Chortkiv city community;
Customer of construction works	Municipal non-profit enterprise "Chortkiv Central City Hospital" of the Chortkiv City Council
Total number of people working the building :	128
- Male	n/a
- Female	n/a
Photo	
	
Additional Information	
<p>Hospital of the Chortkiv Central City Hospital is a health care institution that has an important social impact on the community.</p> <p>The total number of medical services provided: 2022: 7763; 2023: 3028</p> <p>In addition to providing services to residents of the community, the hospital also serves IDPs who have found shelter in Chortkiv community, which is currently 2,835 people. number of IDP patients: 2022 year: 332 - 4.3% of the total number of patients 2023 year: 73 - 2.4% of the total number of patients.</p> <p>In addition to the general dangerous situation in the country, on June 11, 2022, an aggressor shelled civilian objects in Chortkiv. The hospital also provided services to 26 victims of rocket attacks.</p>	
Conclusion:	


The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group. Estimates are provided at prices for December 26, 2022, - it is necessary to recalculate the estimated cost. Also, in connection with the change in legislation, it is necessary to edit the "Energy efficiency" section in project design documentation. Finalization of all comments is planned during the adjustment, which will be carried out within the framework of one unified project for two buildings.

On-site verification report

Date:	10/26/2023
Mission purpose	Meet with representatives of the local authorities of the city of Lanivtsi to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Lanivtsi community
Number of Sub-Projects	1
Names, positions and contact details of city representatives met during the visit	Roman Kaznovetskyi - mayor of the Lanivtsi city community; Ruslan Zaderei - deputy mayor of the Lanivtsi city community; Oleg Bogatyuk - head of the Lanovets city hospital
Previous experience in implementing similar projects with international institutions	For the community, this is the first experience of implementing projects under the loan program, they participated in USAID and GIZ grant programs.
Plans for participation in the further Call of Proposals for the Programme	The community is doubtful about participation in the Second Call of Proposal for the Programme. They are planning to submit an application for thermal modernization of the school, but they do not understand whether they will have enough financial capacity
Information about potential difficulties and barriers in project implementation	None
General conclusion regarding the community and Sub-Projects	Small but capable community without good experience in implementing projects with the involvement of credit resources from international financial organizations.

Prepared by: Vitalii Savych Date: 8-Nov-23

Revised by: Anastasiia Kryvolapova Date: 10-Nov-23

Name of the building	Communal non-profit enterprise "LANOVETSKA CITY HOSPITAL"
Building address:	Ukraine, Ternopil region, Lanivtsi city, Shevchenko Tarasa street, building 30
Project name:	"Repair with the implementation of energy efficiency measures of the buildings of the Communal non-profit enterprise "LANOVETSKA CITY HOSPITAL" located at the address: Ternopil Region, Lanivtsi city, Shevchenko Tarasa street, building 30
Heating area, m2	8025
Year of construction	1964
Location	Ternopil region, Lanivtsi
Names, positions and contact details of city representatives met during the visit	Ruslan Zaderei - deputy mayor of the Lanivtsi city community; Oleg Bogatyuk - head of the Lanovets city hospital
Name of the contact person for project implementation	Ruslan Zaderei - deputy mayor of the Lanivtsi city community;
Customer of construction works	Communal non-profit enterprise "LANOVETSKA CITY HOSPITAL"
Total number of patients:	92437
- Male	n/a
- Female	n/a
Photo	
	
Additional Information	
The total number of patients who were treated on an inpatient and outpatient basis in the Lanovets City Hospital in the period from March 2022 to July 2023 is 92437 (including: inpatient - 6254), of them - 1509 IDPs (inpatient - 201) and 37 military personnel	
Conclusion:	
The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group. Project documentation has been submitted for examination. There is a requirement from the experts to arrange the storage as part of the capital repair, which significantly increases the cost of the project. The community is worried that the cost of the project after the examination will exceed the credit limit	



On-site verification report

Date:	10/26/2023
Mission purpose	Meet with representatives of the local authorities of the Volochysk city community to discuss cooperation with the UNDP technical assistance project. Additionally, the visit aims to review the building for the appropriateness of implementing the measures specified in the application to the Program.
UNDP Technical Assistance Specialists	Anastasiia Kryvolapova , Engineering Analyst Vitalii Savych , Energy Auditor Analyst
Community	Volochysk city community
Number of Sub-Projects	3
Names, positions and contact details of city representatives met during the visit	Konstantin Chernychenko - mayor of the Volochysk city community; Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the Volochysk City Council Viktor Chubar - Head of the communal non-profit enterprise "Volochysk multidisciplinary hospital" of Volochysk city council Hutsal Larisa - Head of the communal institution "CENTER FOR THE PROVISION OF SOCIAL SERVICES" OF VOLOCHISKY CITY COUNCIL Oleksandr Peresunko - Head of the Volochysk Lyceum No. 1 of Volochysk City Council, Khmelnytskyi District, Khmelnytskyi Region
Previous experience in implementing similar projects with international institutions	Together with NEFKO with the financing of the Finnish and Ukrainian Trust Fund the heating system was modernized and an individual heating unit (ITP) was installed in the Volochysk educational complex. With the support of the "U-LEAD" Program with Europe, the Center for the Provision of Administrative Services was created, and it was modernized and equipped. Participation in the DFRD helped created solid household waste sorting plant. Community took part in the implementation of the UN and European Union Development Program "Local development focused on the community - III" and implemented energy-saving measures in two projects. Every year, subvention funds (for the economic development of certain territories and infrastructure) were attracted, at the expense of which energy-saving renovations were carried out (replacement of windows, doors, roofing, insulation of facades) in educational institutions and kindergartens of the community.
Plans for participation in the further Call of Proposals for the Programme	The community is planning to continue participating in the Program.
Information about potential difficulties and barriers in project implementation	Lack of qualified companies and personnel for construction works, the risks associated with the war and the terms of the loan, regarding the impossibility of early repayment of the loan (the loan rate at the level of 6% is normal for the the community).
General conclusion regarding the community and Sub-Projects	Small community with lack of experience in implementing big infrastructure projects, especially with the involvement of credit resources from international financial organizations. The community plans to adjust the project documentation for all institutions, which will significantly increase the total cost of the projects. The community needs help in calculating of the credit limit

Prepared by: Vitalii Savych Date: 8-Nov-23

Revised by: Anastasiia Kryvolapova Date: 10-Nov-23

On-site verification report

Date:	
Name of the building	Medical building No. 2 (cardiology, gynecology, obstetrics department) of the communal non-profit enterprise "Volochnyck multidisciplinary hospital" of Volochnyck city council
Building address:	Ukraine, Khmelnytskyi region, Volochnyck, Nezalezhnosti street, building 68
Project name:	"Repair (thermomodernization) of the medical building No. 2 (cardiology, gynecology, obstetrics department) of the communal non-profit enterprise "Volochnyck multidisciplinary hospital" of Volochnyck city council, located at the address: Khmelnytskyi region, Volochnyck, Nezalezhnosti street, building 68"
Heating area, m2	1928
Year of construction	1984
Location	Khmelnytskyi region, Volochnyck
Names, positions and contact details of city representatives met during the visit	Viktor Chubar - of the communal non-profit enterprise "Volochnyck multidisciplinary hospital" of Volochnyck city council Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Name of the contact person for project implementation	Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Customer of construction works	communal non-profit enterprise "Volochnyck multidisciplinary hospital" of Volochnyck city council
Total number of patients in 2023:	2000
- Male	1200
- Female	800
Photo	
	
Additional Information	
The hospital has experience to be a customer for construction works, they have done repair works of other buildings. In 2016, the hospital have done the construction works (repairing of the roof and interior) in the building #2.	
Conclusion:	
The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group and needs improvement. The hospital plans to adjust the design documentation, which will significantly increase its cost.	

Name of the building	Communal institution "CENTER FOR THE PROVISION OF SOCIAL SERVICES" OF VOLOCHISKY CITY COUNCIL
Building address:	Khmelnyskyi region, Volochysk city, Simona Petiura street, building 33"
Project name:	"Repair (thermomodernization) of the building of the communal institution "CENTER FOR THE PROVISION OF SOCIAL SERVICES" of Volochysk city council, located at the address: Khmelnytskyi region, Volochysk, Simona Petiura street, building 33"
Heating area, m2	1050
Year of construction	1972
Location	Khmelnyskyi region
Names, positions and contact details of city representatives met during the visit	Hutsal Larisa - Head of the communal institution "CENTER FOR THE PROVISION OF SOCIAL SERVICES" OF VOLOCHISKY CITY COUNCIL Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Name of the contact person for project implementation	Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Customer of construction works	Communal institution "CENTER FOR THE PROVISION OF SOCIAL SERVICES" OF VOLOCHISKY CITY COUNCIL
The total number of people visiting the building	6870
- male	2270
- female	4100

Photo



Additional Information

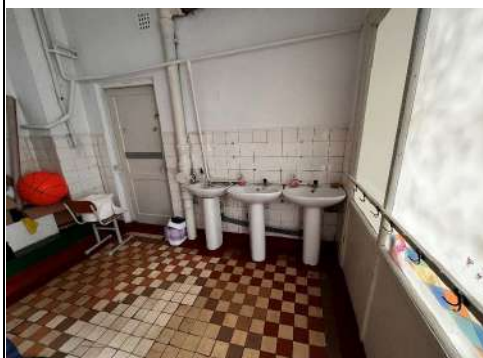
Implemented measures to modernize the building:
- renovation of the windows and the interior in 2018.
In the building currently living 29 IDP's (5- male, 24 - female).

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group and needs improvement. The center plans to adjust the design documentation, which will significantly increase its cost.

Name of the building	Primary school building Volochysk Lyceum No. 1 of Volochysk City Council, Khmelnytskyi District, Khmelnytskyi Region
Building address:	Khmelnytskyi Region, Volochysk City, Nezalezhnosti Street, Building 39
Project name:	"Repair (thermomodernization) of the building of the Volochysk Lyceum No. 1 of Volochysk City Council, Khmelnytskyi District, Khmelnytskyi Region, located at the address: Khmelnytskyi Region, Volochysk City, Nezalezhnosti Street, Building 78"
Heating area, m2	828
Year of construction	1967
Location	Khmelnytskyi Region, Volochysk City
Names, positions and contact details of city representatives met during the visit	Oleksandr Peresunko - Head of the Volochysk Lyceum No. 1 of Volochysk City Council, Khmelnytskyi District, Khmelnytskyi Region Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Name of the contact person for project implementation	Iryna Dzionyk - Head of the Department of Economic and Agro-Industrial Development, Investments, and Regulatory Activities of the City Council
Customer of construction works	Volochysk Lyceum No. 1 of Volochysk City Council
The total number of people visiting the building	1178
- male	509
- female	464

Photo



Additional Information

The institution consists of two buildings, thermal modernization of the high school was carried out at the expense of the community.
Children from 1st and 2nd grade study in the building of the junior school. The institution is inclusive and accepts 11 children with special needs.
No major repairs were made at the facility. Over the past 5 years, a porch was made and several windows were replaced at the expense of parents and the local budget.

Conclusion:

The measures specified in the Program Application are necessary for implementation. In general, all measures that the city submitted in the application meet the requirements of the Program. The project design and estimate documentation was analyzed by a senior technical support expert of the Program management and support group and needs improvement. The Lyceum plans to adjust the design documentation, which will significantly increase its cost. Non-energy-efficient measures were added to the project: repair of toilets in groups, landscaping of the territory with a children's playground, repair of the kitchen and dining room. There is a risk that the cost of non-energy efficient measures could exceed 50%.



Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-30 November 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 12 December 2023

MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

November 2023



Informational workshop with Final Beneficiaries of the 1st Call of Proposals, Ivano-Frankivsk, 20-21 November 2023

ABBREVIATIONS

CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
FB	Final Beneficiaries
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ⁱ
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (formed by representatives of the MCTID, the EIB, Programme implementation support consultants (TA), and other stakeholders)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	9
3. Capacity development.....	9
4. Compliance, Sanctions and Anti-corruption.....	9
5. Security.....	10
Record of key meetings and consultations in the reporting period.....	11
Encountered challenges and ways to overcome them.....	12
Visibility and Communication Measures.....	12
Planning for the next month's activities - upcoming major tasks, meetings.....	13
Annex 1. UNDP team organigramme.....	14

General information

This is the fifth operational report of the UNDP TA¹ prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of the "Ukraine Public Buildings Energy Efficiency" sub-projects* (25 October 2022, Berlin).

As of November 2023, the composition of the UNDP TA remains unchanged and includes 8 specialists (4 female and 4 men) in two duty stations (Kyiv and Odesa):

National Project Manager, Kyiv
Project Officer, Kyiv
Project Associate, Kyiv
Engineering Analyst, Kyiv

Energy Efficiency Analyst, Kyiv
Anti-Corruption Analyst, Kyiv
Energy Efficiency Analyst, Odesa
Procurement and Compliance Analyst, Odesa

Recruitment of the rest 7 specialists and three drivers is progressing. UNDP TA organizational structure is presented in Annex 1.

During the reporting period, the UNDP TA provided different types of technical and informational support to 7 municipalities (5 municipalities received technical consultations regarding the development of design documentation for 13 sub-projects, including 7 design documents and 6 ToRs; and 3 municipalities have been receiving assistance in the application process for the 2nd Call of Proposals).

On the administrative side, the UNDP TA is working with the Ministry for Communities, Territories and Infrastructure Development of Ukraine on project registration in the Secretariat of the Cabinet of Ministers of Ukraine to comply with the requirements of national legislation.

¹ The operational reports for the previous months are available on drive at [EIB Monthly Reports](#)

1. Sub-Projects Preparation and Procurement

This section covers the overview of work with the final beneficiaries that have been selected after the 1st Call of Proposals, specifically i) large municipalities (over 50 thous. ppl) without design documentation, where the UNDP TA provides technical consultancy for preparing design documentation; ii) small and large municipalities with healthcare facilities eligible for grant; iii) municipalities with design documentation for the sub-projects that are at the final stage of approval.

Sub-projects without design documentation: large municipalities (>50thousd.ppl)

The UNDP TA continues to work with 5 large municipalities (over 50 thous. ppl) and assist them with preparing design documentation for 20 sub-projects (Fig. 1.).



Produced by the UNDP TA, based on the results of the 1st Call of Proposals

Figure 1. Distribution of the selected Sub-Projects of the UPBEE 1st Call of Proposals and their status

During the reporting period, the UNDP TA with the participation of experts from NTU organized an extended working meetings with five municipalities – Ternopil (03.11); Vinnytsia, Ivano-Frankivsk, Sarny (07.11); Konotop (08.11) to check the status of preparing design documentation and discuss challenges and further steps. As of the end of November the state of preparation of design documentation by municipalities is the following.

Vinnytsia city municipality - the UNDP TA received project design documentation for 4 healthcare and 2 educational facilities on 24 November. All the design documentations need to be improved. Four out of six design documentations were of insufficient quality and not in line with the approved ToR, several mandatory sections were missing. The UNDP TA specialists provided recommendations for improvement, specifically in the part of estimations, insulation works, mandatory section of the energy efficiency, the requirements for building the shelter, thunderstorm protection and other mandatory measures.

Ivano-Frankivsk city municipality – the UNDP TA revised the terms of reference for four health facilities that were submitted on 11 November and provided comments mainly relating to minimal requirements energy measures and lack of references to technical regulations. The city municipality is currently in the process of engaging the companies for preparing design documentation via direct contracting.

Konotop city municipality – the UNDP TA assisted in developing terms of references for three healthcare facilities, during 14-20 November technical specialists provided consultations on finalizing the documents. As of now, Konotop city municipality engaged the companies for each facility and is planning to finalize the design documentation until the end of year. Considering a short timeline for preparing design documentation, there is a risk of insufficient quality. The UNDP TA will monitor the process and support in ensuring sufficient quality of produced materials.

Ternopil city municipality – the UNDP TA received terms of reference for 6 healthcare facilities on the end of November and will clear the documents by the start of December.

Sarny city municipality – the UNDP TA provided samples of terms of reference and consulted on technical matters. The city municipality is looking for contractor before finalizing the documents.

The UNDP TA keeps regular track on the progress in each municipality in cooperation with a designated responsible person. A summary on the current status and an estimated timeline with the preparation of design documentation is presented in the table below (detailed information can be found in the tracking sheet – [here](#)).

#	Community	Type of facilities (numb. of the sub-projects)	Status				Estimated timeline for finalizing design documentation incl. technical expertise
			ToR		Design documentation		
			drafted	Revised by UNDP TA	drafted	Revised by the UNDP TA	
1	Vinnytsia	Healthcare (4) Educational (2)	18.09 12.10	27.10	24.11	04.12	by the end of 2023
2	Ivano-Frankivsk	Healthcare (4)		18.11	-		2 nd quarter of 2024
3	Sarny (Rivne oblast)	Healthcare (1)	-	-	-	-	2 nd quarter of 2024
4	Konotop (Sumy oblast)	Healthcare (3)	08.11	14-20.11			2 nd quarter of 2024
5	Ternopil	Healthcare (6)	30.11	In progress	-		2 nd quarter of 2024

Major challenges in the process of developing design documentation lies in the lack of technical specialists on sites to drive the process, complications associated with special technical measures required for the hospitals (ventilation system in old buildings), as well as finding reliable contractor for preparing design project documentation. The UNDP TA is working closely with municipalities to support each stage of the process from drafting terms of reference to quality control of the produced design documentation.

Small and large municipalities with healthcare facilities eligible for grant

The UNDP TA assisted with collecting additional data on 25 sub-projects targeted at health facilities in 10 municipalities to complete evaluation against the established criterias for different types of investment grant allocation. Preliminarily 16(13)² hospitals in 9 municipalities are eligible for the NIP grant, other health facilities can be considered for additional types of grant support (completed table with statistics is available [here](#)).

Sub-projects with design documentation

Following the initial site visits in October, the UNDP TA established contacts with nine municipalities that have been selected after the 1st Call of Proposals. During the reporting period, the UNDP TA addressed the request from Dolyna city municipality regarding technical consultation for the sections on heating system and individual heating point within an updated project design documentation.

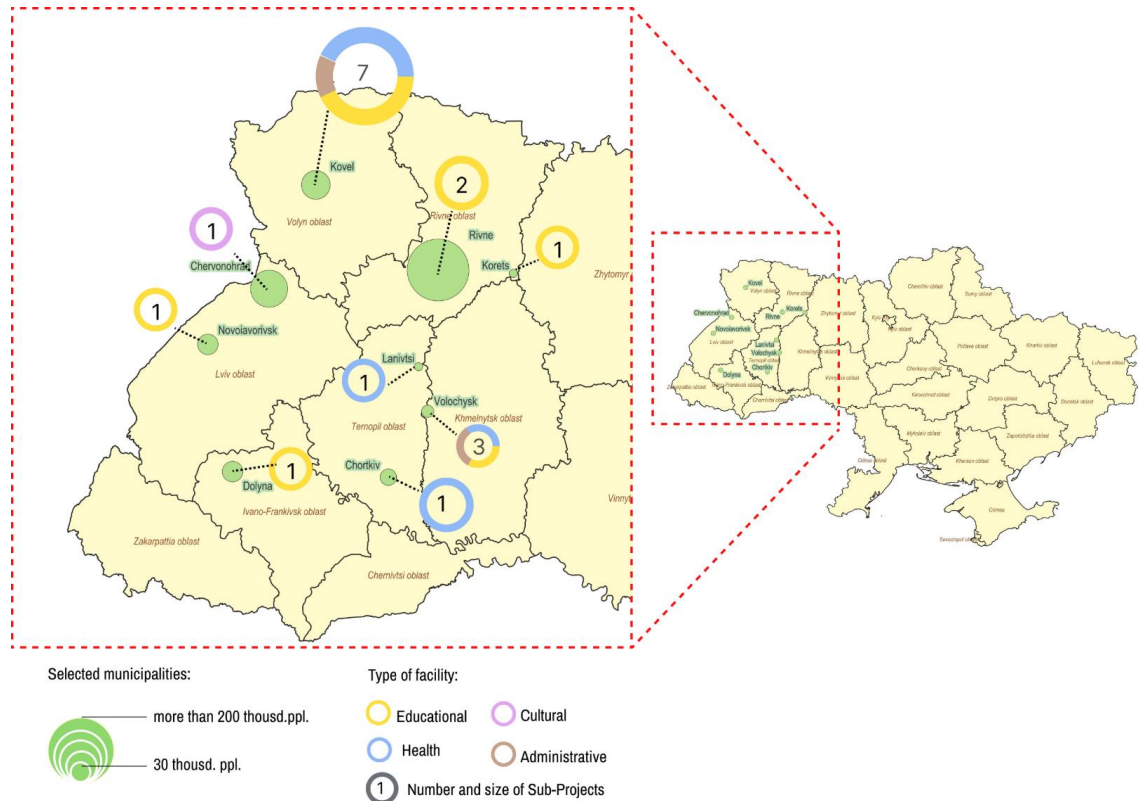


Figure 2. Distribution of the sub-projects with design documentation

² Final assessment is to be made at PMSU meeting, the size of three hospitals is close to the limiting value.

2. Sub-Projects Implementation and Monitoring

The implementation phase has not started yet.

3. Capacity development

Two representatives of UNDP TA participated in the informational workshop with the Final Beneficiaries of the 1st Call of Proposals on 20-21 November in Ivano-Frankivsk. The UNDP TA provided general information about the role of UNDP TA and briefed municipalities about procurement requirements within the national system *Prozorro* along with anti-corruption analysis and sanction screening procedures.

At the beginning of November, four out of 18 municipalities from targeting list expressed their interest in participating in the 2nd Call of Proposal. The UNDP TA provided the following support:

- Energy efficiency certificates for selected facilities in three municipalities (Korosten, Zviagel, Zhytomyr obl. and Burshtyn, Ivano-Frankivsk obl.) were produced as a part of cooperation with the UNDP-GEF Project “Removing Barriers to Increase Investment in Energy Efficiency in Public Buildings in Ukraine through the ESCO Modality in Small and Medium Sized Cities”.
- Series of consultations to the Korosten city municipality regarding application process.
- The UNDP TA also provided feasibility study regarding approximate calculation of termomodernization for three buildings to Novovolynsk city municipality ([here](#)). However, despite demonstrated benefits, Novovolynsk city municipality refused to participate in the due to the lack of political decision. The same situation with Svitlovodsk city municipality which refused to participate in the programme due to concerns caused by economic instability.

At the end of month, two municipalities decided to apply to the 2nd Call of the Programme (Korosten city municipality and Zviagel city municipality in Zhytomyr obl.). Despite demonstrated benefits, Novovolynsk city municipality refused to participate due to the lack of political decision. The same situation with Svitlovodsk city municipality which expressed concerns caused by economic instability. The UNDP TA is supporting two municipalities (Korosten- 1 building and Zviagel – 1 building) with application process.

It is also worth noting that Zviagel originally planned to submit 3 buildings - 2 hospitals and 1 lyceum. However, the city has decided to submit only 1 lyceum, because other 2 hospitals were considered for another investment program from local financial institutions.

The UNDP TA continues to work with the group of municipalities over 50 thous. ppl. – consult on emerging issues, advise on technical measures, and follow up on the progress to ensure smooth preparation of the required technical documentation (see details in Section 1).

4. Compliance, Sanctions and Anti-corruption

The UNDP TA performed preliminarily screening and analysis of all municipalities selected after the 1st Call of Proposals, including those that are on the stage of preparing design documentation. The assessment was focused on the city mayors.

Two municipalities remain in the list of those that require precise attention. These are Lanovets city community in Ternopil oblast where the mayor is under administrative offence related to corruption (violation of the requirements for preventing and resolving conflicts of interest) and Chortkiv city municipality in Ternopil oblast where the mayor is under criminal offence for negligence. Both cases are under investigation and has not been proven; the UNDP TA will monitor further developments and pay specific attention to those communities under the risk.

Chortkiv city community	Health complex (1 sub-project combines 2 buildings)	1,130,069 EUR
Lanivtsi city community	Health facility	863,730 EUR

5. Security

The security situation since the previous reporting period remains the same, western and northern parts of Ukraine where the majority of potential sub-projects to be implemented are ranked with the least security risk in the country.

Currently all areas within Ukraine are considered High Risk areas; Very High Risk areas are determined by UNDSS based on an Ad-Hoc security risk management (SRM) areas. These are normally areas close to frontlines in the Eastern and Southern SRM area (Fig. 2).

The delineation of Very High Risk (VHR) areas is currently set in the vicinity of the frontlines in Eastern and Southern SRM areas. There are no "blanket" VHR area boundaries, although they may change depending on the outcome of an Ad-hoc location-specific SMR process³.

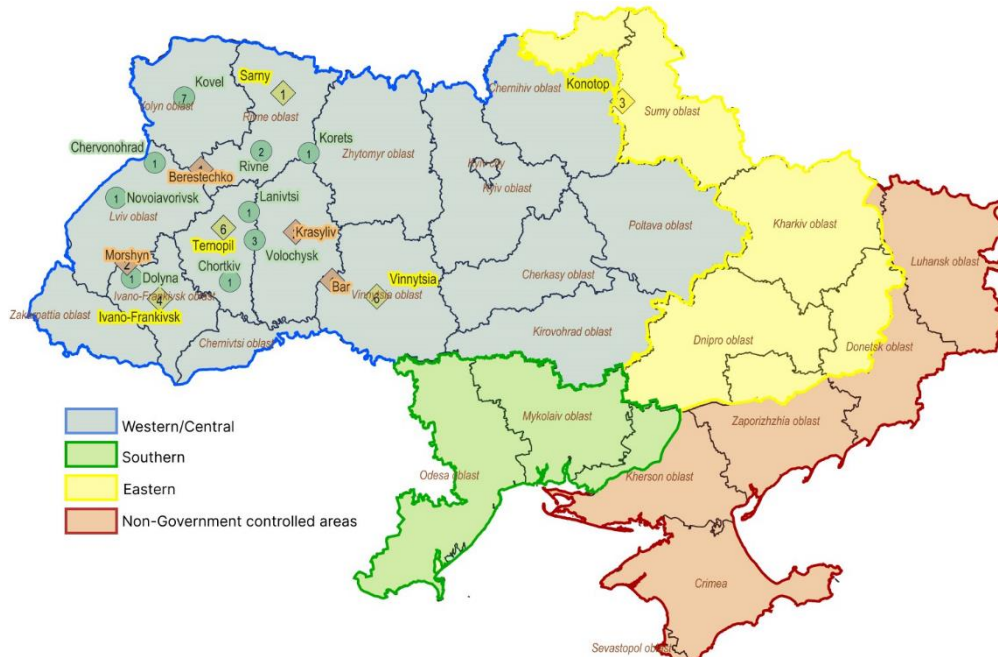


Figure 3. Boundaries of Security Management Areas (based on SOP, October 2023) overlay the municipalities selected by the 1st CoP

³Standard operating Procedures. Official Travel within Ukraine / UNDSS Ukraine, October 2023

Basically, the security restrictions are applied to the sites within 10-70 km from the border with Russia and a small part – a district in Chernihiv - in 3-state border area.

At the moment, only one municipality selected after the 1st Call of Proposals Konotop (Sumy obl.) is located in the area close to the border with RF- 70 km⁴.

In November, cross-border attacks against Sumy oblasts fluctuated with increased number and intensity of shelling in the first part of the month and decreased tempo in the second half of the month. At the same time there was no discernible new pattern in their geographical distribution, Konotop city municipality has not been targeted.

The UNDP TA provided additional consultations to potential applicants within the 2nd Call of Proposals, specifically:

- Mena city community in Chernihiv oblast, which is in the so-called “green zone”, and
- Pervomaiskyi city community in Kharkiv oblast, which is in the so-called “orange zone”, while accessible by UNDP TA under the Concept of operations (ConOps) with 2 armoured vehicles. However, the city municipality does not comply with the national security criterias for participating in the programme⁵.

Overall, the national security requirements are aligned with UNDP zoning and the areas close to the contact line are accessible for humanitarian missions only.

Considering the dynamic of the security requirements which are difficult to predict, it is suggested to revise the list of applicants of the 2nd Call of Proposals by the UNDP security specialist separately on a case-by-case basis.

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
every Monday	online	UPBEE Progress review meeting	Briefing on operational issues from the UPBEE Programme partners
03.11	online	Meeting with Ternopil city municipality	The progress on the development of design documentation
07.11	online	Meetings with Vinnytsia, Ivano-Frankivsk and Sarny city municipality	Discussion with PIUs the progress on the development of design documentation
08.11	online	Meeting with Konotop city municipality	Discussion with PIUs the progress on the development of design documentation
08.11	online	Presentation of the UPBEE Programme to Lutsk city administration	Informing the representatives of the Department of Economy about the UPBEE Programme opportunities and benefits
10.11	in person Kyiv	Meeting with Public Union “Ukrainian Fund of Energy Efficiency and Energy Saving”	Discussion of the role of NGOs in promoting activities in energy efficiency
20-21.11	in-person Ivano-Frankivsk	Informational Workshop with FB of the 1 st Call of Proposals	Progress status; further steps and initial guidelines for the FB of the 1 st Call of Proposals
28.11	in-person, Kyiv	Participation in the round table discussion of the project on energy efficiency chain in building sector	Co-operation with other initiatives and networking

⁴ More information about the geographical distribution of communities selected after the 1st Call of Proposals is available - [here](#).

⁵ <https://minre.gov.ua/2023/08/25/zatverdzheno-zminy-do-pereliku-terytorij-na-yakyh-vedutsya-velysya-bojovi-diyi-abo-tymchasovo-okupovanyh-6/>

Date	Format	Name	Context
29.11	online	UPBEE / PMSU Meeting	LFTA, Investment grant, amendments to order for selecting FB
30.11	online	Meeting with PIUs and MCTID	Clarifications on the issues raised during the Workshop in Ivano-Frankivsk with FB of the 1 st Call of Proposals

Encountered challenges and ways to overcome them

- Lengthy process for developing technical documentation of sufficient quality
 - Proactive support of the municipalities based on best practices and lessons learned (the usage of standards templates, experience exchange, incl. via UNDP TA).
 - Develop the roadmap and regularly follow up on the progress.
- Potential risks with project implementation considering presumably low capacity of the anticipated service requestor.

According to the information from site visits performed by the UNDP TA in October, majority of municipalities are planning to assign requestor responsibilities directly to facilities which impose the risk in the project implementation. Most of the facilities such as schools and kindergartens do not have enough capacity and qualified specialists in their staff for implementation of the energy efficiency projects. The same issue arose during discussion at the meeting with municipalities in Ivano-Frankivsk. Following the meeting, the MCTID of Ukraine initiated discussion with PIUs regarding the future service requestor and suggested to consider the risks for assuring technical capacity for project implementation. The Ministry officially requested from municipalities to provide the corresponding information.

- Analyse an updated information requested by the MCTID of Ukraine on the anticipated requestor of services and evaluate of the level of technical assistance needed.
- Consider the possibility for engaging an external consulting engineer in addition to a technical supervision engineer. Due to the Ukrainian legislation the cost of the work of an external consultant engineer can be added to the estimated cost and be paid from budget funds.

- Potential risks related to direct engagement of services for technical supervision.

During the Informational Workshop with FB of the 1st Call of Proposals (20-21 November, Ivano-Frankivsk) and the subsequent discussion at the Meeting with PIUs and MCTID, some municipalities raised the issue of the possibility of using the internal full-time technical supervision instead of an independent employee hired on a competitive basis.

- Analyse the situation and prepare clarification to the Final Beneficiaries and include the guidelines into the UPBEE manual.

Visibility and Communication Measures

The information about the field visits and the UPBEE Programme has been published in UNDP [facebook](#).

The UNDP TA is working on improving visibility by producing branded personal protective equipment and other assets that can contribute to visibility purpose.

The UNDP TA provides consultations and responses on various requests from communities regarding participation in the 2nd Call of Proposal (e.g. Yasynivska village submitted design documentation, but due to existing restrictions by national legislation is not eligible until the amendments come in force).

The UNDP TA promoted the UPBEE Programme to representatives of economic department of Lutsk city municipality.

Planning for the next month's activities - upcoming major tasks, meetings

During the next several months the UNDP TA will focus on the following directions:

I. 1st Call of Proposals - capacity building and initial monitoring

- Follow up on the progress with developing design documentation for 20 sub-projects within 5 municipalities (>50thd.ppl) and provide regular technical consultations;
 - Finalizing ToRs for developing design documentation from Ternopil city municipality;
 - Revision of the design documentation from Konotop city municipality (preliminarily expected by end of December);
- Add-hoc consultations on different technical matters to the design documentation.
- Perform preliminary anti-corruption and sanctions screening of the anticipated service requestor identified by municipalities.
- Finalize the thematic checklists for monitoring visits and discuss the comments with the UPBEE technical team (NTU).

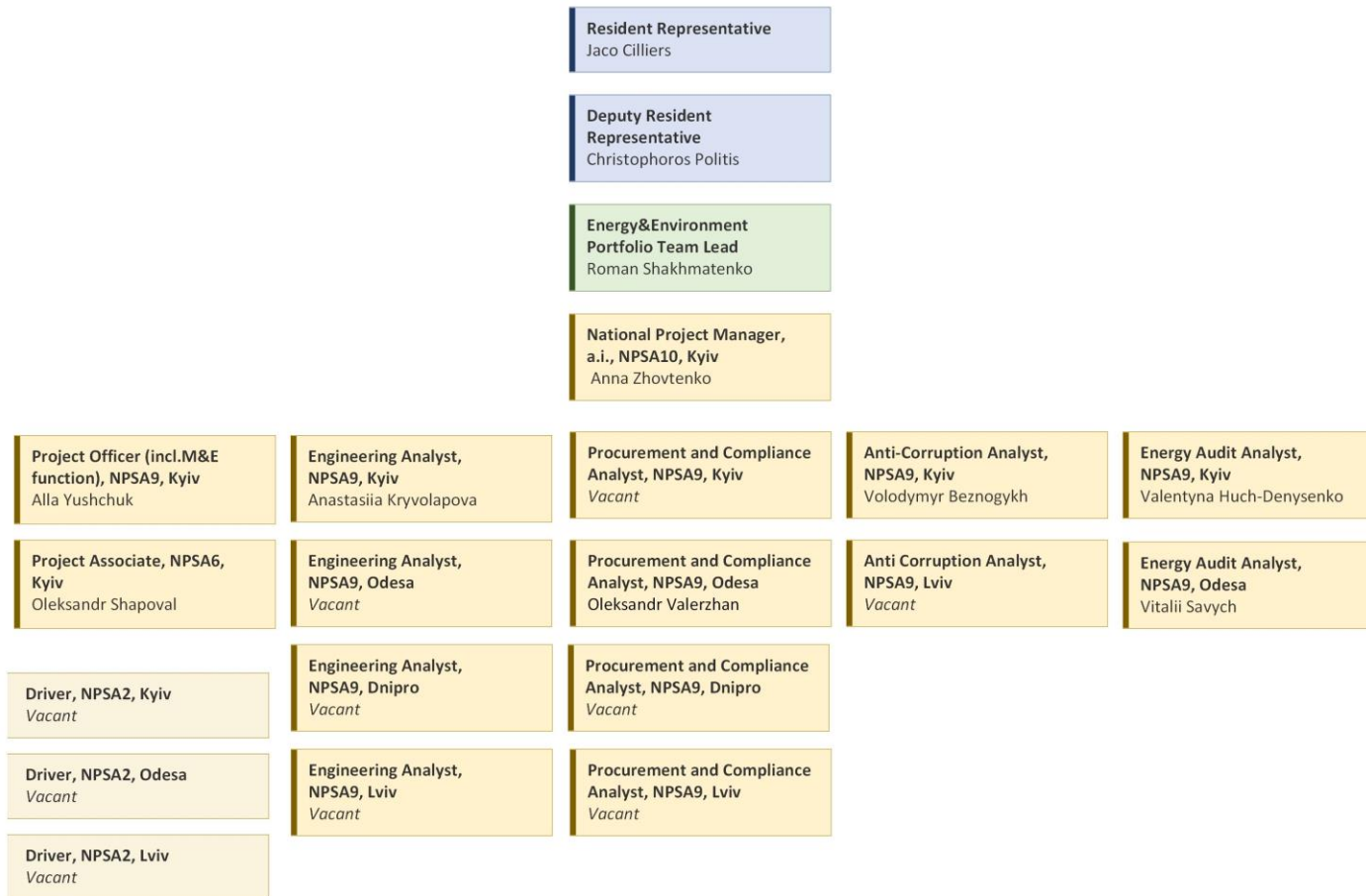
II. 2nd Call of Proposals - awareness raising and capacity building

- Support municipalities that expressed interest (Zviagel, Korosten) with application process;
- Assist NTU technical experts with preliminary screening of the submitted applications to speed up the assessment;
- Consider the possibilities to assist municipalities with producing energy certificate via UNDP-GEF project

III) Administrative project – related matters

- Contribute to the UPBEE communication and operational plan and initiate the discussion to segregate roles and responsibilities with UPBEE Programme partners;
- Clarify project modalities in a view of Environmental and Social Performance monitoring;
- Ensure the Project is registered at the Secretariat of the Cabinet of Ministers of Ukraine.

UNDP TA team Organigramme as of 30 November 2023



**Regional office initially planned in Mukachevo replaced with Lviv; Positions of Anti Corruption Analyst and Driver moved to Lviv instead of initially planned Dnipro*



Name of project: Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

Client: European Investment Bank

Funding: Eastern Europe Energy Efficiency and Environment Partnership (E5P) Fund

Document type: Monthly operational report

Reporting period: 01-31 December 2023

Prepared by: UNDP Technical Assistance Team

Date of submission: 08 January 2023



MONTHLY REPORT

Technical Assistance to the Final Beneficiaries of the EIB Ukraine Public Buildings Energy Efficiency (UPBEE) Programme

December 2023

ABBREVIATIONS

CoM	Covenant of Mayor
EE	Energy Efficiency
EIB	European Investment Bank
EU NIP	EU's Neighbourhood Investment Platform
FB	Final Beneficiaries
MoF / MoFin	Ministry of Finance
MCTID	Ministry for Communities, Territories and Infrastructure Development of Ukraine ⁱ
PIU	Programme Implementation Unit (at local level)
PMSU	Programme Management and Support Unit (formed by representatives of the MCTID, the EIB, Programme implementation support consultants (TA), and other stakeholders)
POM	Programme Operational Manual
UNDP	United Nations Development Programme
UPBEE	Ukraine Public Building Energy Efficiency

CONTENT

General information.....	5
1. Sub-Projects Preparation and Procurement.....	6
2. Sub-Projects Implementation and Monitoring.....	10
3. Capacity development.....	10
4. Compliance, Sanctions and Anti-corruption.....	10
5. Security.....	11
Record of key meetings and consultations in the reporting period.....	13
Encountered challenges and ways to overcome them.....	13
Visibility and Communication Measures.....	14
Planning for the next month's activities - upcoming major tasks, meetings.....	14
Annex 1. UNDP team organigramme.....	15

General information

This is the sixth operational report of the UNDP TA¹ prepared under the *EIB-UNDP Agreement in respect of advisory support to be provided to public authorities and publicly owned communal enterprises in Ukraine in support of the implementation of the "Ukraine Public Buildings Energy Efficiency" sub-projects* (25 October 2022, Berlin).

As of December 2023, the composition of the UNDP TA remains unchanged and includes 8 specialists (4 female and 4 men) in two duty stations (Kyiv and Odesa):

National Project Manager, Kyiv
Project Officer, Kyiv
Project Associate, Kyiv
Engineering Analyst, Kyiv

Energy Efficiency Analyst, Kyiv
Anti-Corruption Analyst, Kyiv
Energy Efficiency Analyst, Odesa
Procurement and Compliance Analyst, Odesa

One Engineering Analyst and one Procurement and Compliance Analyst are expecting to join the project team in Kyiv in January 2024. Recruitment of the rest 5 specialists and three drivers has been postponed. The UNDP TA organizational structure is presented in Annex 1.

During the reporting period, the UNDP TA provided different types of technical and informational support to 8 municipalities: 5 municipalities received technical consultations regarding the development of design documentation for 13 sub-projects, including 6 design documents and 6 ToRs; and 3 municipalities received assistance in the application process for the 2nd Call for Proposals.

On the administrative side, the UNDP TA continues working with the Ministry for Communities, Territories and Infrastructure Development of Ukraine on project registration in the Secretariat of the Cabinet of Ministers of Ukraine to comply with the requirements of national legislation.

The project is planning to organize a Project Board Meeting within the following three months in hybrid format.

¹ The operational reports for the previous months are available on drive at [EIB Monthly Reports](#)

1. Sub-Projects Preparation and Procurement

This section covers the overview of work with the final beneficiaries that have been selected after the 1st Call for Proposals, specifically i) large municipalities (over 50,000 inhabitants) without design documentation, where the UNDP TA provides technical consultancy for preparing design documentation; ii) municipalities with design documentation for the sub-projects that are at the final stage of approval and iii) preliminary review of the primary results of the 2nd Call for Proposals that have been undergoing assessment by the NTU technical team.

Sub-projects without design documentation: large municipalities (>50,000 inhabitants)



Figure 1. Distribution of the selected Sub-Projects of the UPBEE 1st Call for Proposals and their status

The UNDP TA continues to work with 5 large municipalities (over 50,000 inhabitants) and assists them with preparing design documentation for 20 sub-projects (Fig. 1).

The UNDP TA keeps regular track on the progress with preparation of design documentation by each municipality in cooperation with a designated responsible person. A summary on the current status and an estimated timeline with the preparation of design documentation is presented in the table below.

#	Community	Type of facilities (numb. of the sub-projects)	Status				Estimated timeline for finalizing design documentation incl. technical expertise
			ToR		Design documentation		
			drafted	Revised by UNDP TA	drafted	Revised by the UNDP TA	
1	Vinnytsia	Healthcare (4) Educational (2)	18.09 12.10	27.10	24.11	04.12	first part of January 2024
2	Ivano-Frankivsk	Healthcare (4) ²		18.11	-		2 nd quarter of 2024
3	Sarny (Rivne oblast)	Healthcare (1)	10.12	12.12	-	-	2 nd quarter of 2024
4	Konotop (Sumy oblast)	Healthcare (3)	08.11	14-20.11	-	-	2 nd quarter of 2024
5	Ternopil	Healthcare (6)	30.11	15.12	-		2 nd quarter of 2024

Vinnytsia city municipality – the UNDP TA revised project documentation for 6 sub-projects and provided comments for improvement. In addition, the UNDP TA organized an online Q/A session with the participation of municipalities and design companies (13 December). Currently design documentation are under the second round of revision by companies; municipalities expected to submit the revised documentation by end of 2023 / beginning of 2024.

Ivano-Frankivsk city municipality engaged the contractors for developing design documentation with the delivery date for the services by 01 March.

Sarny city municipality – the ToR been revised by the UNDP TA and comments provided to the city municipality. The city municipality engaged the design Company, and the design documentation is expected to be prepared by end-April.

Konotop city municipality – design documentation for two buildings is expected to be prepared in the start of January, and one building by mid-March 2024.

Ternopil city municipality – the UNDP TA provided comments to the terms of reference for 6 healthcare facilities. On the December 22 the municipality signed a [contract](#) for development of the design documentation for 5 buildings of the Hospital #2. The design documentation for five buildings is expected to be prepared in the mid-April, and for one building of the Hospital #1 by mid-June 2024.



Sub-projects with design documentation



After the site visits in October, the UNDP TA follow up on further progress with nine municipalities selected after the 1st Call for Proposals. On December 15, the UNDP TA conducted checking with municipalities on

² Municipality decided to combine two buildings into one Sub-Project.

the progress and the status of finalizing project documentation and submitting the package to the Ministry of Finance. The results are presented in the table below.

#	City municipality	Status	Anticipating schedule	
1	Kovel	The package has been submitted to the Ministry of Finance of Ukraine	-	
2	Dolyna	Lacking funds to proceed with state expertise in 2023	January - early February	
3	Novoiavorivsk	The package has been submitted to the Ministry of Finance of Ukraine	-	
4	Chervonograd	Additional technical inspection of the building	not later than February	
5	Rivne	The package has been submitted to the Ministry of Finance of Ukraine	-	
6	Korets	Pending state expertise report	January	
7	Chortkiv	Municipality has not started revising project design documentation; expressed uncertainties about further participation in the Programme	<i>unclear</i>	
8	Lanivtsi	State expertise completed	January	
9	Volochysk	At the stage of revision of design documentation	January - early February	

 Pending approval of the Ministry of Finance of Ukraine
 Revised project documents are pending state expertise

 State inspection completed/at final stage
 Revision of project documents has not started

Primary results of the 2nd Call for Proposals

The UNDP TA familiarized with the primary list of applications of the 2nd Call for Proposals available on a shared Google Drive that has been shared with NTU technical assistance on 20 December.

Currently the applications are being evaluated by the NTU TA, and the results will be presented in due course. At the same time, the UNDP TA made some of the preliminary observations based on reviewing the list as of 27 December which are the following:

- 30 urban municipalities and 11 rural municipalities are listed among the applicants of the 2nd Call for Proposals with total number of buildings 60;
- Six municipalities (Bar, Vinnytsia, Volochysk, Lanivtsi, Novoyavorivsk, Rivne) from the 1st Call applied to the 2nd Call for Proposals³
- Geographical distribution of the applicants slightly extended, but the intensity in western and northern part prevails. The largest number of projects submitted from Lviv (20) and Ternopil (8) oblasts (see Fig. 2).
- Comparing with the 1st Call for Proposals municipalities, the percentage of educational and cultural facilities is higher – 32 educational facilities: 16 healthcare facilities, 4 administrative buildings, 6 cultural buildings and 2 yet unidentified.

³ Without Kostopil urban municipality that has been excluded from the list of the 1st Call for Proposals



Map produced by the UNDP TA based on data, provided by the NTU technical assistance on the GoogleDrive as of 27.12.2023

Figure 2. Distribution of the applications for the UPBEE 2st Call for Proposals (*preliminary data which are a subject of further assessment*)

2. Sub-Projects Implementation and Monitoring

The implementation phase has not started yet.

3. Capacity development

During the reporting period the UNDP TA supported two municipalities with the application (Korosten and Zviagel, Zhytomyr oblast). However, the application of Zviagel municipality failed approval of the city council due to negative experience related to the loan for water utility company. In addition, the UNDP TA facilitated the production of energy efficiency certificate for Burshtyn, Ivano-Frankivsk oblast within the UNDP-GEF Project "Removing Barriers to Increase Investment in Energy Efficiency in Public Buildings in Ukraine through the ESCO Modality in Small and Medium Sized Cities".

The UNDP TA continues to work with the group of municipalities over 50,000 inhabitants – consult on emerging issues, advise on technical measures, and follow up on the progress to ensure smooth preparation of the required technical documentation (see details in Section 1).

4. Compliance, Sanctions and Anti-corruption

The UNDP Anti-Corruption Analyst studied further developments of cases in Lanivtsi and Chortkiv city municipalities that have been classified under the risk after the initial screening of the 1st Call for Proposals.

In September 2022, the Mayor of Lanivtsi was sentenced to fine for making a decision in conditions of conflict of interest. Following the case District Prosecutor's Office made a submission to Lanivtsi City Council to decide the expediency of the mayor's stay in office. The mayor ignored the submission of the prosecutor's office and did not include this issue in the agenda of the City Council session. As a result, in October 2023, he was fined again for making decision in conditions of conflict of interest and entered in Unified state register of persons who have committed corruption and corruption-related offenses. For the moment he holds office.

Ternopil Regional Prosecutor's Office accused the mayor of Chortkiv of official negligence, which caused grave consequences. Hearing of the criminal case is planned in early 2024.

Both municipalities are under monitoring of the UNDP TA and will be treated with a special attention during sub-projects implementation.

Chortkiv city community	Health complex (1 sub-project combines 2 buildings)	1,130,069 EUR
Lanivtsi city community	Health facility	863,730 EUR

5. Security

Missile attacks has been intensified at the end of the year. On December 29, Russia launched a massive attack on cities across the country with explosions reported in Kyiv, Kharkiv, Dnipro, Odesa, Lviv and others. Officials reported about damages to critical and social infrastructure, including maternity hospital in Dnipro⁴, 3 schools and a kindergarten in Lviv⁵ among others.

Below is the overview of the geographical distribution of municipalities – both selected after the 1st Call for Proposals and those that applied to the 2nd Call for Proposals (Fig.3), considering the security requirements for travel, as well as the proximity to the borders with Belarus and Russia.

According to the SOP on official travel within Ukraine, currently all areas within the country are considered High Risk areas based on the projected risk level for specific threat events. The country is divided to four Security Risk Management Areas (SRMA): Western/Central, Eastern, Southern and the non-government-controlled areas. Specific travel measures are required for travel to certain locations in the Eastern and Southern Ukraine SRMA.

As for the geographical distribution of municipalities selected in the 1st Call for Proposals, three municipalities are located within the 70km border area (so-called **orange zone** under the zoning of the Ukraine Early Recovery Programme (UERP), including one municipality in the Eastern SRMA, where the armoured vehicle (AV) and the concept of operations (ConOps) are required for travel (see the Table below).

1st Call for Proposals

Municipality	Distance (km) from the border with	UERP zoning (as of February 2023)	Security Risk Management Area	Additional security measures for travel
	Belarus			
Kovel urban municipality, Volyn obl.	63	Orange	Western/Central	-
Sarny urban municipality, Rivne obl.	55	Orange	Western/Central	-
	Russian Federation			
Konotop urban municipality, Sumy obl.	70	Orange	Eastern	+ (AV and ConOps)

According to the preliminarily list of municipalities that applied to the 2nd Call for Proposals⁶ - three municipalities are located in the Southern and Eastern SRMA, including one municipality within 100km-area from the frontline. One municipality is located within the proximity to the border with Belarus at 70km border area (so-called **orange zone** under the UERP zoning) (see the Table below).

⁴ https://t.me/Denys_Smyhal/6731

⁵ <https://www.pravda.com.ua/eng/news/2023/12/29/7435030/>

⁶ Final list of municipalities will be provided after evaluation of the NTU TA

2nd Call for Proposals

	Distance (km):	UERP zoning (as of February 2023)	Security Management Area	Additional security measures for travel
	the frontline			
Berezivka urban municipality, Odesa obl.	85	Orange	Southern	-
Bolgrad urban municipality, Odesa obl.	250		Southern	-
Kamianske urban municipality, Dnipro obl.	120		Eastern	-
	the border with Belarus			
Korosten, Zhytomyr obl.	50	Orange	Central/Western	-

In terms of personnel access within the buffer zone on the border with the Belarus the level of risk and relevant security measures have been recently softened. Therefore, as of now from the list of municipalities of the 1st and the 2nd Call for Proposals, additional security measures (armoured vehicle and ConOps) are required for travel only to Konotop urban municipality.

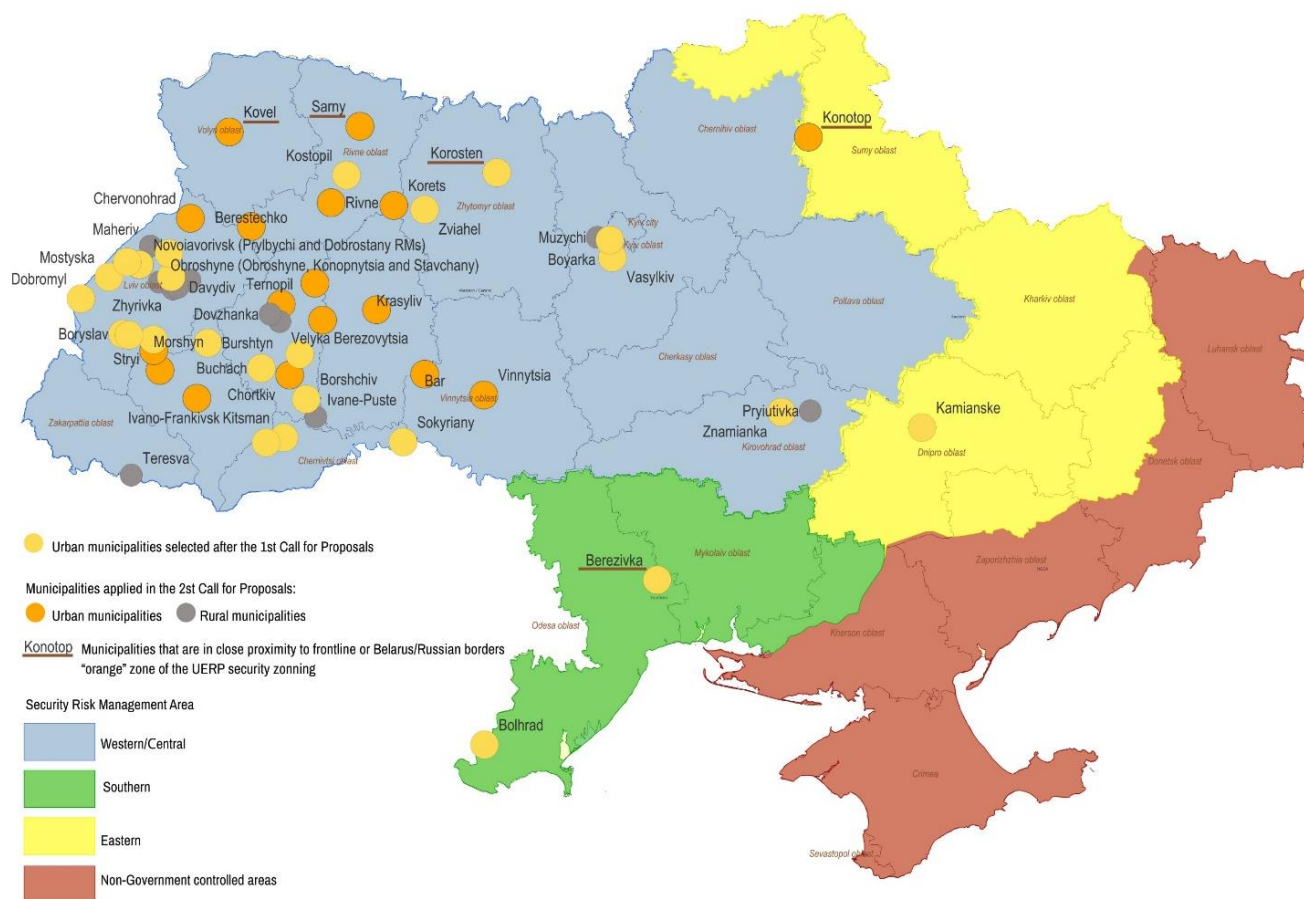


Figure 3. Security Risk Management Areas (based on SOP, October 2023) overlay the municipalities selected by the 1st and 2nd CoPs

Record of key meetings and consultations in the reporting period

Date	Format	Name	Context
every Monday	online	UPBEE Progress review meeting	Briefing on operational issues from the UPBEE Programme partners
06.12	online	UPBEE / PMSU Meeting	Grant investments & selection criterias
13.11	online	Meetings with Vinnytsia city municipality	Discussion of technical comments to the developed design documentation with the representatives of city municipalities and design companies
20.12	online	UPBEE / PMSU Meeting	Progress with LFTAs, grant investments, creditworthiness assessment

Encountered challenges and ways to overcome them

- Lengthy process for developing technical documentation of sufficient quality:
 - Proactive support of the municipalities based on best practices and lessons learned (the usage of standards templates, experience exchange, incl. via UNDP TA).
 - Develop the roadmap and regularly follow up on the progress.
 - Proactive support, including meeting with the design Companies.
- The lack of clarity regarding the grant investments mixed with high expectations of municipalities on receiving the funds.
 - Facilitate resource allocation process, clear articulation of the available opportunities and eligibility criterias.
- Potential risks with project implementation considering presumably low capacity of the anticipated service requestor.

According to the information from site visits performed by the UNDP TA in October, majority of municipalities are planning to assign requestor responsibilities directly to facilities which impose the risk in the project implementation. Most of the facilities such as schools and kindergartens do not have enough capacity and qualified specialists in their staff for implementation of the energy efficiency projects.

- Analyse an updated information requested by the MCTID of Ukraine on the anticipated requestor of services and evaluate of the level of technical assistance needed.
- Consider the possibility for engaging an external consulting engineer in addition to a technical supervision engineer. Due to the Ukrainian legislation the cost of the work of an external consultant engineer can be added to the estimated cost and be paid from budget funds.
- Potential risks related to direct engagement of services for technical supervision.

On several occasions municipalities raised the issue of the possibility of using the internal full-time technical supervision instead of an independent employee hired on a competitive basis.

- Analyse the situation and prepare clarification to the Final Beneficiaries and include the guidelines into the UPBEE manual.

Visibility and Communication Measures

The UNDP TA produced branded personal protective equipment and other assets that can contribute to visibility purpose.

The UNDP TA is performing an overview of available opportunities in energy-efficiency in Ukraine to highlight the benefits of the UPBEE at existing environment.

Planning for the next month's activities - upcoming major tasks, meetings

During the next several months the UNDP TA will focus on the following directions:

I. 1st Call of Proposals - capacity building and initial monitoring

- Follow up on the progress with developing design documentation for 20 sub-projects within 5 municipalities (>50,000 inhabitants) and provide regular technical consultations;
 - Final revision of an updated design documentation from Vinnytsia city municipality;
 - Revision of the design documentation from Konotop city municipality (preliminarily expected by end of December- early January).
- Add-hoc consultations on different technical matters to the design documentation.
- Perform preliminary anti-corruption and sanctions screening of the list of municipalities that are developing design documentation and the anticipated service requestor identified by municipalities.
- Finalize the thematic checklists for monitoring visits, based on received comments from the NTU technical team.
- Prepare materials for informational briefings to the Project Implementation Units on corresponding sections: procurement, engineering, anti-corruption and sanctions screening.

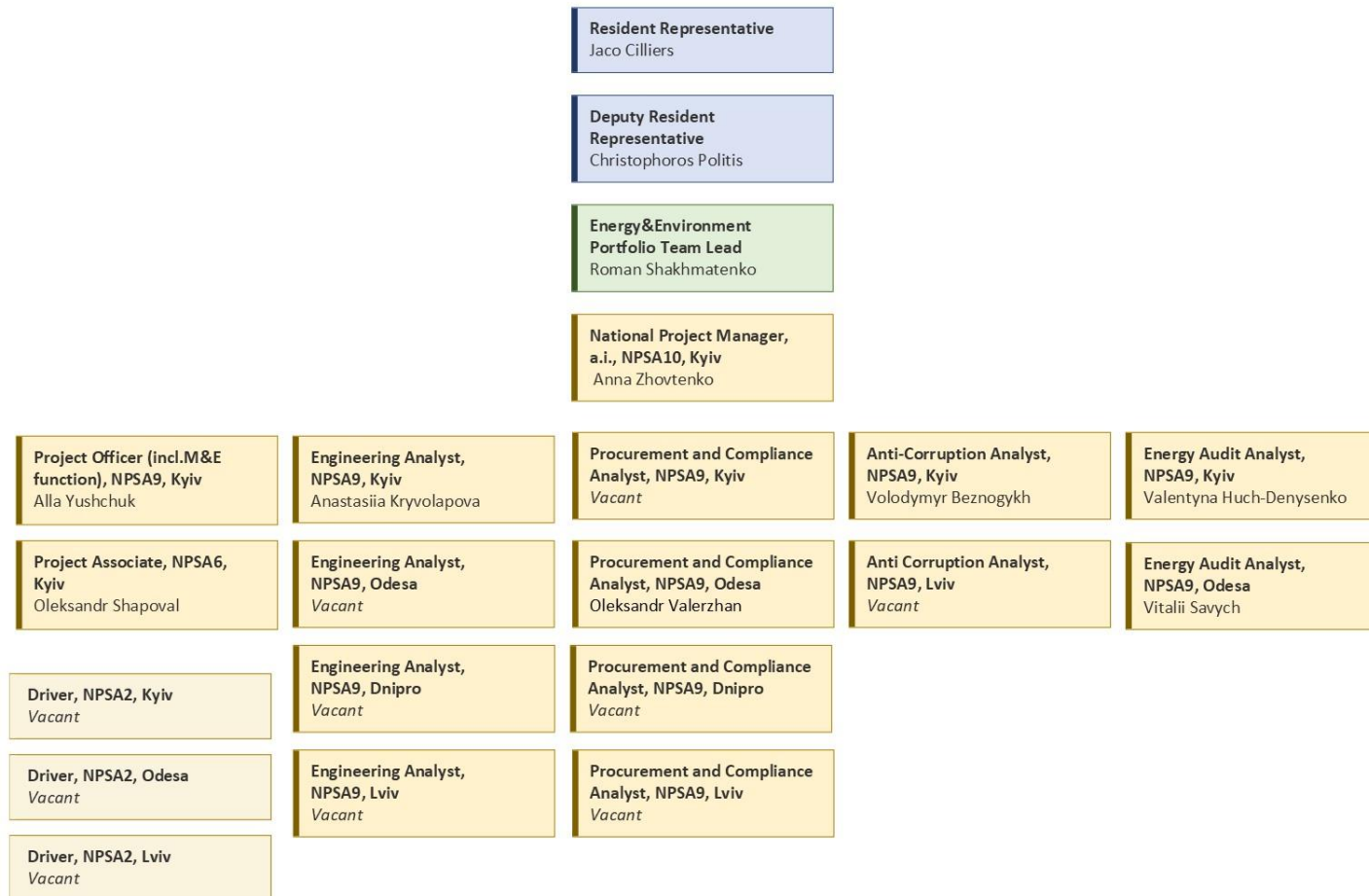
II. 2nd Call for Proposals - awareness raising and capacity building

- If requested, provide assistance to the NTU technical experts with preliminary screening of the submitted applications to speed up the assessment.
- Familiarize with the submitted documentation and perform initial screening.

III. Administrative project – related matters

- Conduct Project Board Meeting within the following three months;
- Clarify project modalities in a view of Environmental and Social Performance monitoring;
- Contribute to the UPBEE communication and operational plan and initiate the discussion to segregate roles and responsibilities with UPBEE Programme partners;
- Ensure the Project is registered at the Secretariat of the Cabinet of Ministers of Ukraine.

UNDP TA team Organigramme as of 28 December 2023



*Regional office initially planned in Mukachevo replaced with Lviv; Positions of Anti Corruption Analyst and Driver moved to Lviv instead of initially planned Dnipro