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SUPPORT TO THE GOVERNMENT OF UKRAINE ON UPDATING ITS NATIONALLY DETERMINED CONTRIBUTION (NDC)

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REPORT 1 / TASK A INCEPTION REPORT

January 2019



Project implemented by the Institute
for Economics and Forecasting, NASU

REPORT 1 - TASK A INCEPTION REPORT INCEPTION MEETING AND WORK PLAN DEVELOPMENT

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SECTION 1. OVERVIEW OF THE PROJECT (“SUPPORT TO THE GOU ON UPDATING ITS NDC”)

Project objectives, structure and work plan

The EBRD Project Support to GoU on updating its NDC has organized and conducted its launch meeting on November 21, 2018 in Kyiv, Ukraine in the office of Ukraine’s Ministry of Natural Resources and Ecology (MinEcology). The main purpose of the inception meeting was to present goals, objectives and expected outcomes of the Project, to present and discuss draft Work Plan and introduce Project team (see **Annex A**).

Before the inception meeting, EBRD representatives had introduction meeting with the Head and Deputy Head of State Climate Policy and Ozone Layer Protection Department of MinEcology – Svitlana Grynchuk and Mykhailo Chyzenko, during the meeting EBRD presented goals and purposes of the Project and shared the experience of NDC update process in other countries. The important topic of level of ambitions had been discussed during introduction meeting with the view to consider the NDC ambition as an opportunity not a limitation.

The inception meeting was chaired by Svitlana Grynchuk, Head of State Climate Policy and Ozone Layer Protection Department of MinEcology. During the meeting EBRD presented goals and objectives of the Project – to support Government of Ukraine in updating its NDC, to support transparent and inclusive process of Ukrainian NDC update and to assist MinEcology in conducting broad stakeholders’ engagement process. The Project objectives include review of GHG emissions profile in a context of existing and planned national strategies and policies, as well as economic forecasts, and provide options for increased ambition in terms of GHG emissions reduction targets and identify required policies on adaptation to climate change and include them in an updated NDC.

The Project team presented draft work plan (see **Annex E**) and approaches to communication strategy during the process of NDC update and proposed organizational structure of the NDC process update (see **Annex C**). Participants discussed and agreed with proposed Work Plan. After interactive discussions participants (see **Annex B**) agreed that existing Inter-Ministerial Commission on UNFCCC Implementation under MinEcology (the Commission) should serve as supervising body of NDC process update taking into account that the Commission members’ represents all ministries, state agencies, academia and civil society and this Commission considered and recommended for approval first Ukrainian NDC in 2015. Participants of the inception meeting also agreed that MinEcology will establish special Working Group/Task Force for NDC update and this Working Group will consist of representatives from relevant ministries, state agencies, private business, academia and civil society and will meet regularly.

Approaches to communication strategy such as means of internal communication between stakeholders, members of Working Group and others was discussed and agreed that simple available means of communication such as google docs, emails, Telegram channels and different chats and other available means of communication will be used for internal working level communication. External communication also been discussed, such as where and how to inform all interested parties on intermediate and final Project results, post news and relevant international experience reports and materials. Participants agreed that separate section will be created on official websites of MinEcology and IEF. Project Facebook account will also be created.

After the Inception meeting, MinEcology has place on its official website press release on the inception meeting and beginning of the Project. <https://menr.gov.ua/news/32916.html>

Annex A. Inception Meeting Agenda

Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)

Wednesday, **November 21, 2018**

Ministry of Ecology and Natural Resources of Ukraine, Mytropolyta Vasylia Lypkivskogo 35
Room 420

Introductions and Opening Remarks	
10:00 – 10:30	<i>Ministry of Ecology and Natural Resources of Ukraine EBRD Embassy of Sweden Ministry of Finance Ministry of Infrastructure Ministry of Energy and Coal Industry Ministry of Agrarian Policy and Food Project Team - Institute of Economics and Forecasts, National Academy of Science (IEF NASU) and Experts</i>
10:30 – 10:45	Project Goals, Purposes and Expected Outcomes/Deliverables <i>EBRD</i>
10:45 – 11:00	Project Timeline, Schedule and draft Work Plan <i>Project Team</i>
11:00 – 11:10	Draft Work Plan Discussions
11:10 – 11:20	Draft Communication Strategy <i>Project Team</i>
11:20 – 11:30	Communication Strategy Discussions
11:30 – 11:45	NDC Template, Processes and Stakeholders Engagement <i>Project Team</i>
11:45 – 12:00	Next Steps, Internal Communication Channels, Project Activity Coordination <i>Ministry of Ecology and Natural Resources, Project Team, EBRD</i>
12:00 – 12:15	Informal Networking

Annex B. Minutes of the Inception Meeting

EBRD PROJECT SUPPORT TO THE GOVERNMENT OF UKRAINE ON UPDATING ITS' NDC NOVEMBER 21, 2018

Venue: Ministry of Ecology and Natural Resources of Ukraine, room 420

Moderator: Svitlana Grynchuk, Head of Climate Change and ozone layer protection Department, Ministry of Ecology and Natural Resources of Ukraine (MENR)

PRESENTED:

1. EBRD representatives - Sung-Ah Kyun and Sergiy Maslichenko - presented goals, purposes and expected outcomes of EBRD Project Support to GoU on updating its NDC (Project). Team Leader of the Project presented Project Implementation Work Plan, communication strategy (see Annex 2. Project Team Presentation) and introduced Project Team.
2. During discussion, Ministry of Infrastructure representative stressed that there are currently two draft laws in Ukraine about dealing with electricity cars regulations and both draft laws have one of their main goals to ensure clean air and reducing pollutions and emissions. He also ensures that Ministry is highly interested in Project work and stands ready to participate and contribute to NDC update process. MinInfrastructure also highlighted that they have cooperation with prominent international experts and happy to get them on board working on Project tasks within ministry's mandate.
3. State Statistics Service representatives expressed the interest in cooperation and reminded that there is cooperation agreement between MENR and State Statistics and they are always happy to provide information and data whenever needed.
4. State Agency on Energy Efficiency (SAEE) presented goal and mission of their Agency and mentioned that according to the National Renewable Energy Action Plan and National Energy Efficiency Action Plan the national goals till 2020 are 11% of renewable energy share and 9% on energy efficiency in the final consumption respectively. The current Energy Strategy sets more ambitious goal – to reach 25% of renewable energy by 2035. In order to achieve those goals GoU should support green energy projects, attract international infrastructure investments and SAEE sees the NDC update work would also outline the need for energy investments that will allow to implement the ambitious goals of updated NDC. SAEE has strong partnership relations with MENR and will be happy to support the work of the Project on NDC update within its mandate.

5. Professor Heyets, representing the implementing institution – Institute of Economics and Forecasting of National Academy of Science of Ukraine (IEF), thanked EBRD and MENR for their trust and stressed the importance of collaboration between scientific and research institutions and international donors’ community on such strategic and important issues as updating the NDC.
6. Team Leader of the Project, Natalie Kushko, presented the goal of today’s Inception meeting – to launch the work of EBRD Project Support to GoU on updating its NDC, as Ukraine’s commitment under Paris Agreement.
7. EBRD representatives highlighted the importance of work on addressing climate change in Ukraine and It will bring investment opportunities that will need to look into both domestic and international sources of finance, whether it be through the ETS and revenue generated through pricing of carbon or donor finances. It is important to look into domestic sources of fund, when the international climate funding may not always be available. It was also mentioned that it is important to look into domestic funding sources, such as through pricing carbon and ETS, by incorporating much of the work that has been done under the PMR and PETER projects. They mentioned that climate change is cross-sectoral issue and all ministries and state agencies should be actively involved in developing updated NDC. They also expressed the expectation that updated NDC will cover all key economic sectors of Ukraine.
8. Representative of the Project, Natalie Kushko, ensured that based on the Work Plan on developing updated NDC it will be economy-wide NDC covering all sectors. She also mentioned that effective way of developing such important strategic long-term national legislation is to establish formal Working Group under MENR with all ministries, state agencies, academia, private business, NGO and professional community represented in this WG. The important role is supervising the process of updating NDC could play the existing institution that has role and mandate to supervise the implementation of UNFCCC – Intra-ministerial Commission on Implementation of UNFCCC under MENR. This is advisory body that meets regularly and consider and recommend for adopting by the GoU such climate related documents as National Inventory Reports, Climate Change Communications, BRs and other strategic climate documents, including Low Emission Development Strategy.
9. EBRD representative mentioned that Working Group is a good tool to establish transparent and inclusive process of updating NDC and reminded about importance of getting Ministry of Economic Development, Ministry of Finance, Ministry of Energy and Coal Industry and other key ministries on board. She also mentioned that separate meeting for different ministries could be a good tool to explain the NDC update process and their roles in this important process.

10. MENR representative stressed that formal Working Group will ensure active and official participation of all relevant ministries and agencies and will also build climate change capacity in those ministries and agencies.
11. Professor Heyts proposed, during work on updating NDC the analysis, to look into the consequences for the government, for households and for business and also explaining how NDC will have impact on each sector of economy.
12. Representatives of the Project reminded the importance of getting NGOs and civil society involved in work on updating NDC.
13. Representative of Swedish Embassy in Kyiv also stressed the importance of getting NGOs on board while developing NDC update based on Swedish experience that always ensured the transparency of political decision making process and public participation in discussing important issues, including climate change.
14. The Project representatives, Natalie Kushko, presented communication strategy and potential communication tools and channels within WG and between broader stakeholders.
15. EBRD representatives explained the selection of the Project team was a competitive process and they also stressed the satisfaction with number of local experts in the Project team and highlighted the importance of having local experience, knowledge of national legislation framework, national circumstances and been competent in NDC related issues.
16. Project representative Roman Podolets stressed that successful implementation of this Project depends on effective work of all stakeholders and interested parties. He briefly presented the preliminary timeframe according to the Project's Work Plan and emphasised the importance of the use of proven modelling tools and methodological approaches during NDC update development process. Those analytical tools, instruments and models that have proven to be effective in previous years and that were applied while developing first INDC of Ukraine.
17. EBRD representative Russel Bishop shared his experience working with UK and Ethiopian governments. He said that although there are no universal approaches or decisions that would apply to all countries NDC development process, there is proven experience that shows that there are three elements of successful development and submission of NDC. The successful NDC development elements are: political support, including PMs' support, GoU and high level politicians from all Parties as NDC implementation is quite transformative and cross sectoral way of economic development (1); economic case of actions that would help to gain the political support answering most important question – how much it would cost to implement NDC and communicating NDC as an opportunity to attract climate investments (2); having long-term target for you NDC, the long-term target could be

based on recent science as in UK, while allowing the flexibility on how to achieve this target or having 12-years carbon budget that will allow you to distribute the GHG emissions reduction target between sectors over time (3).

18. The EBRD team has the broad experience in all fields of expertise relevant to the NDC process and are ready to share their ideas during regular coordination calls with the IEF and Project's experts.

DECIDED:


1. Agree on the Project Work Plan, including communication strategy.
2. Agree on the Template Structure of Updated NDC.
3. Establish Working Group under MENR and invite all ministries and agencies to participate.
4. Create separate section on MENR web-page to be devoted to NDC update process.
5. Establish and maintain social network for NDC update process.

Signed by Svitlana Grynychuk.”

Inception Meeting of EBRD Project
 Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)
 Wednesday, November 21, 2018
 Ministry of Ecology and Natural Resources of Ukraine, Mytropolnytsya Vasylia Lyubovskogo 35, Room 420

LIST OF PARTICIPANTS / ПЕРЕЛІК ЗАПРОШЕНИХ

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Annex C. Presentation of the Inception Meeting

INCEPTION MEETING

Updating Ukraine's Nationally Determined Contribution (NDC)

Hosted by the Ministry of Ecology and Natural Resources of Ukraine

Kyiv
November 21, 2018



Institute for Economics and Forecasting
National Academy of Sciences of Ukraine



AGENDA	
Introductions and Opening Remarks	
10:00 – 10:30	<i>Ministry of Ecology and Natural Resources of Ukraine</i> <i>European Bank for Reconstruction and Development</i> <i>Embassy of Sweden</i> <i>Ministry of Finance</i> <i>Ministry of Infrastructure</i> <i>Ministry of Energy and Coal Industry</i> <i>Ministry of Agrarian Policy and Food</i> <i>Project Team - Institute for Economics and Forecasts, National Academy of Science (IEF NASU) and Experts</i>
10:30 – 10:45	Project Goals, Purposes and Expected Outcomes/Deliverables <i>European Bank for Reconstruction and Development</i>
10:45 – 11:00	Project Timeline, Schedule and draft Work Plan Project Team
11:00 – 11:10	Draft Work Plan Discussions
11:10 – 11:20	Draft Communication Strategy Project Team
11:20 – 11:30	Communication Strategy Discussions
11:30 – 11:45	NDC Template, Processes and Stakeholders Engagement Project Team
11:45 – 12:00	Next Steps, Internal Communication Channels, Project Activity Coordination <i>Ministry of Ecology and Natural Resources, Project Team, European Bank for Reconstruction and Development</i>
12:00 – 12:15	Informal Networking

Inception Meeting of EBRD Project "Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)", Kyiv, November 21, 2018

Goals and Objectives of Project

- Under the Paris Agreement Article 4:

“2. Each Party shall prepare, communicate and maintain successive nationally determined contributions that it intends to achieve. Parties shall pursue domestic mitigation measures, with the aim of achieving the objectives of such contributions.”

“3. Each Party’s successive nationally determined contribution will represent a progression beyond the Party’s then current nationally determined contribution and reflect its highest possible ambition, reflecting its common but differentiated responsibilities and respective capabilities, in the light of different national circumstances.”

“4. Developing country Parties should continue enhancing their mitigation efforts, and are encouraged to move over time towards economy-wide emission reduction or limitation targets in the light of different national circumstances.”

- **Seize the momentum to mainstream climate consideration across the economy, and formulate a concrete vision for the sustainable future of Ukraine and its forward-looking development.**
- **Enhance ambition and further clarify horizontal and by sector responsibilities and priorities, aligned with its sustainable development goals and strategies, and address what are the specific climate actions - policy/regulatory measures and investment needs - to achieve its overarching climate goals.**
- **Active engagement and cooperation across ministries, broad stakeholder engagement and leadership to prioritise and mobilise appropriate resources and instruments for implementation, as well as for capacity building and awareness raising.**
- **Update NDC to consider all key economic sectors, not only energy and industries, but also transport, buildings, waste, agriculture/land-use, cities and adaptation.**
- **Demonstrate Ukraine’s climate leadership by producing a top quality NDC.**

NDC Development Process

What are internal arrangements inside the MinEcology:

- Which department inside the ministry is in charge of NDC development?
- What is the role of Deputy Ministers?
- What is role of other departments?

Coordination with other ministries, state agencies:

- What are the mechanisms available for coordination with other ministries/agencies (central executive power bodies) is performed?
- Who is in charge of of this coordination?
- What is the role for Intra-ministerial Commission on UNFCCC Implementation?
- 1 mechanisms could be applied for enhanced coordination (working groups, task forces, sectoral groups, special Working Group on NDC update)?

NDC Development Process – cont.

Support to Ukraine on Paris Agreement negotiation process:

- What type of support needed?
- Timeframe for the support?

National NDC re-Submission Process:

- Legal format of NDC?
- Process for comments/approval from ministries and state agencies of NDC depending on legal format?
- Expected timeline for national legislative process?
- UNFCCC submission process?

Updated NDC Tentative structure/template:

- No specific format for NDC on UNFCCC level
- Previous NDC submission format could be used for re-submission?

=> Will take into consideration the outcome COP25 and the “Paris Rulebook” guidance on NDCs

1. Introduction	
2. GHG Level	
3. Base Year	
4. Implementation Period	
5. Scope and coverage:	
5.1. Greenhouse gases	
5.2. Economic sectors / source categories	
5.3. Percentage of GHG emissions covered	
5.4. Land use, land-use-change and forestry	
6. Planning processes:	
National legislation	
7. Methodological approaches	
8. Substantiation of NDC fairness and ambition	
9. Adaptation issues	

Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)

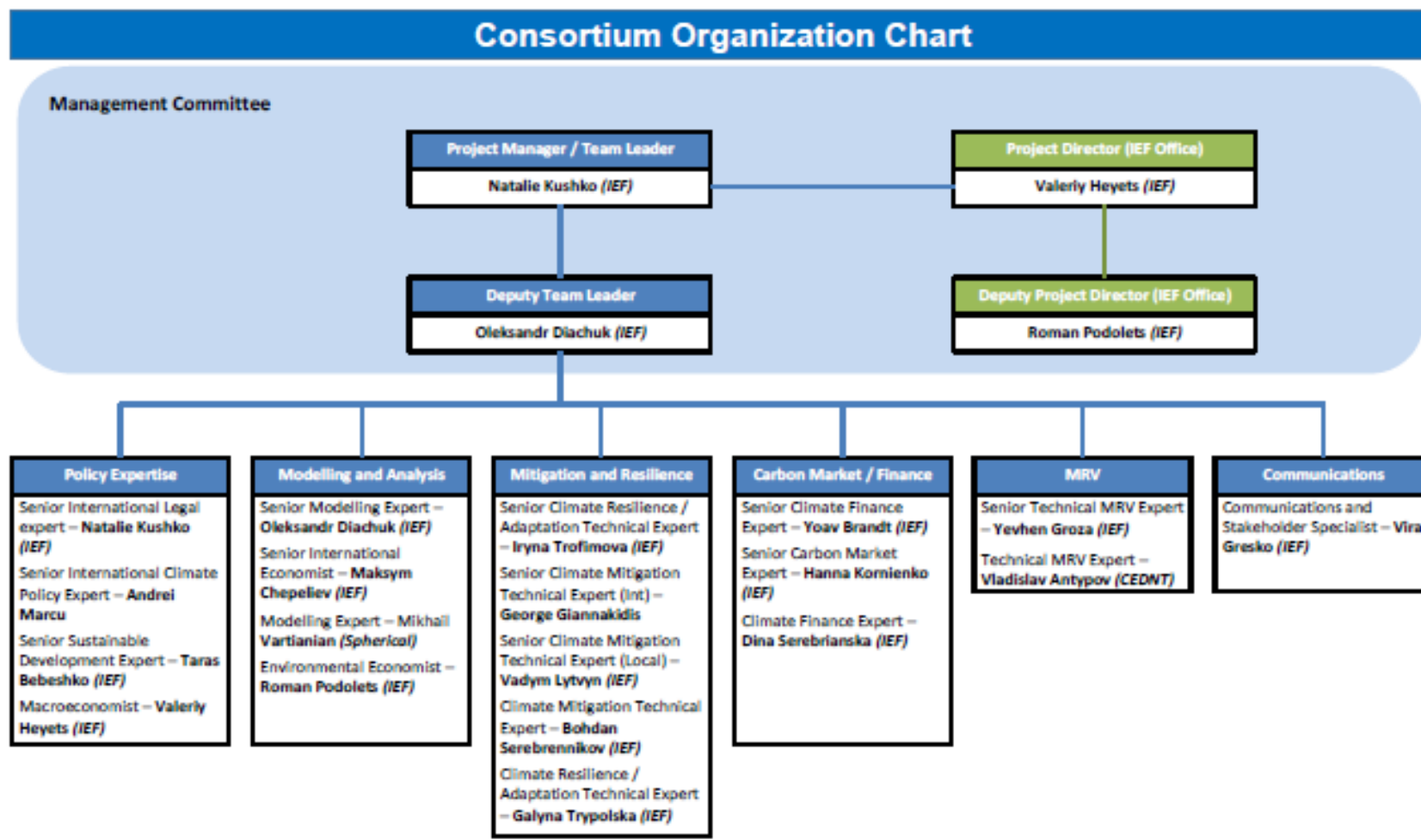
Key Stakeholders Engagement Process

Map out key stakeholders for NDC update and their responsibilities:

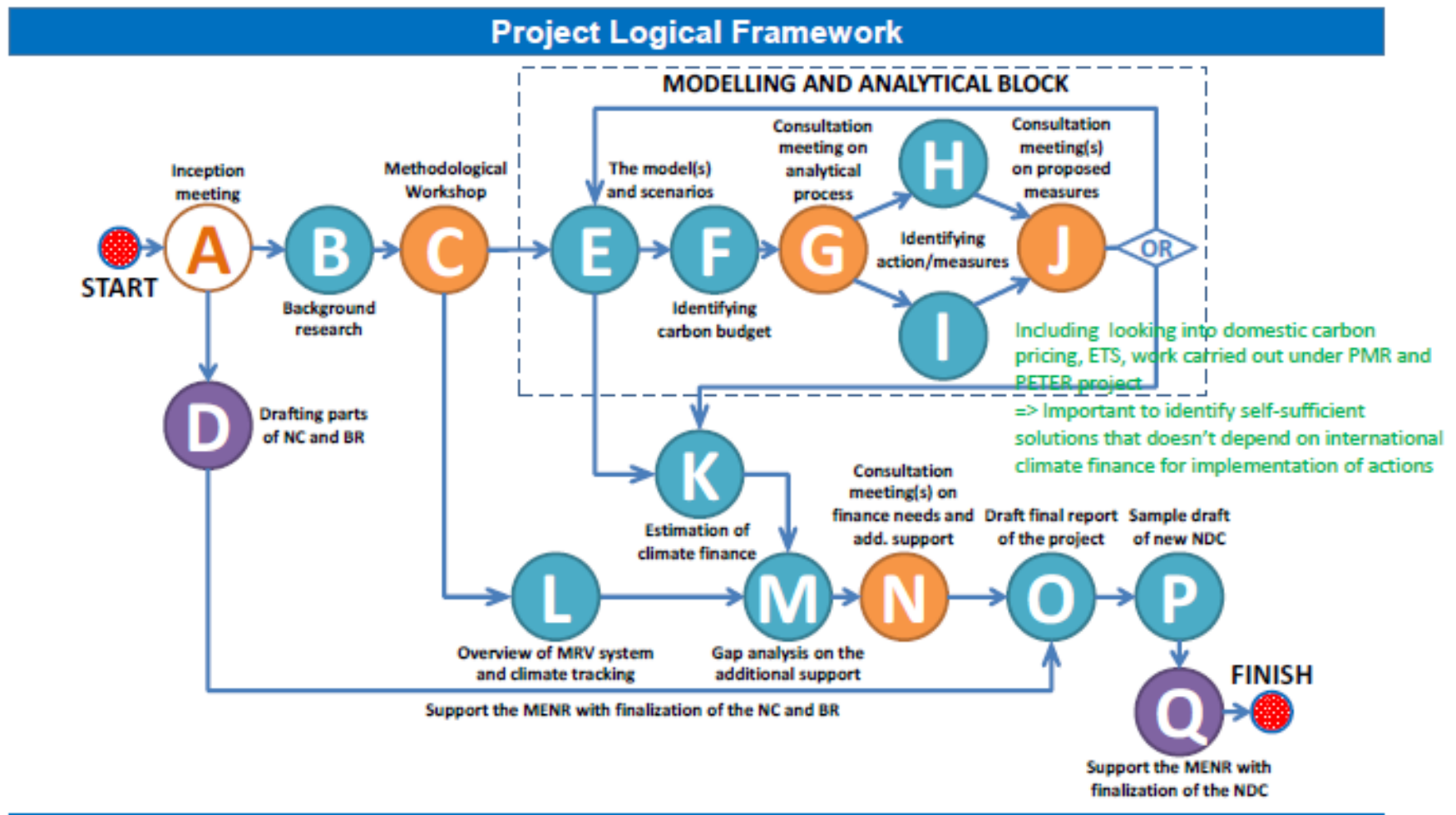
- Ministry and state agency
- National Security Council
- Professional and sectoral associations and institutions
- Academia and scientific society
- Civil society representatives and relevant NGOs
- Interested regional organizations
- Interested international organizations

Develop key stakeholder engagement procedure:

- Establishing formal Working Group/Task Force for NDC update under MinEcology
- Developing mailing lists of stakeholders
- Producing and disseminating regular information updates for broader interested stakeholders community



Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)



Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)

Project Implementation Work Plan												
Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
Task A. Arrange an inception meeting with the Ministry of Ecology and Natural Resources of Ukraine ("MENR") and develop a work plan												
Key Outputs												
<ul style="list-style-type: none"> Agreed with MENR Project Implementation work plan Instructions of UNFCCC process of re-submission of NDC Tentative structure/template for the updated NDC 												
Task B. Carry out background research on methodological approach, legal framework and policies, and on-going/planned climate actions (including climate finance)												
Key Outputs												
<ul style="list-style-type: none"> Background report of Task B Up-to-date list of national climate legislations and policies, relevant to NDC Summary of existing and planned mitigation and adaptation strategies and actions Proposal on methodological approach for NDC update Summaries for each identified priority sector on adaptation needs and existing measures 												
Task C. Carry out a workshop with MENR/WG to present on the findings and conclusions of Task B												
Task D. Support the MENR in developing regular reporting documents to UNFCCC, such as National Communications and Biannual Reports, as incremental parts of the NDCs updating	Until submission and acceptance by UNFCCC and/or project end											
Key Outputs												
<ul style="list-style-type: none"> Draft elements of UNFCCC reports identified by MENR for support needed Other support as requested by MENR on UNFCCC reporting 												
Task E. Model the GHG emissions pathway of Ukraine and provide several scenarios (up to 2050)												
E.1. Model the GHG emission pathways of Ukraine up to 2050 applying methodological approach agreed with MENR including:												
E.2. Develop various scenarios with higher ambitious levels than the current Ukrainian NDC target, in relations to the Paris Agreement:												
E.3. Conduct an advanced analysis (after presenting modelling results to MENR/ESRD) of mitigation potential and adaptation options for Ukraine based on BAU, unconditional, conditional and higher ambition scenarios												
Key Outputs												
<ul style="list-style-type: none"> Report on various scenarios for the estimation of GHG emissions pathway of Ukraine till 2050 Draft report on modelling results, including short descriptions of methodology, key assumptions and measures, scenarios modelling results and advanced analysis the mitigation potential and adaptation options for Ukraine Demonstrative tool for visualisation of Ukraine's current inventory data, existing data at sectoral and sub-sectoral levels with future trend analysis and comparison to other Parties 												

Support to the Government of Ukraine on updating its Nationally Determined Contribution (NDC)

Project Implementation Work Plan – part 2												
Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
Task F. Draw a conclusion on what is the identified overall carbon budget for Ukraine, and provide breakdown of carbon budget by sector (carbon budget allocation by sector)												
Key Outputs												
<ul style="list-style-type: none"> Draft report of Tasks E and F Overview reports on best international practices to allocate carbon budget and other UNFCCC country-parties carbon budget Conclusion on identified overall carbon budget with breakdown by sector Comparison analysis on relativity of NDC fairness 												
Task G. Organize a consultation meeting with MENR/WG and other relevant stakeholders on the analysis												
Task H. Outline the mitigation and adaptation objectives by sector												
H.1. Identify and outline the mitigation objectives by sector												
H.2. Identify and outline the adaptation objectives by sector												
Key Outputs												
<ul style="list-style-type: none"> Task E, F and H reports List of mitigation and adaptation objectives by sector 												
Task I. Identify additional measures by sector for both mitigation and adaptation												
Key Outputs												
<ul style="list-style-type: none"> Proposed lists of additional mitigation and adaptation measures by sector Assessment report on how proposed additional measures by sector are linked with SDGs and developed in the context of Article 2 of Paris Agreement 												
Task J. Conduct facilitative dialogue/consultation meeting(s) on the proposed list of measures with key stakeholders of relevant sectors (including private sector and civil society/MGOs) together with the MENR												
Key Outputs												
<ul style="list-style-type: none"> Updated list of additional adaptation and mitigation measures by sector based on the comments and feedbacks provided during facilitative dialogue process 												

Project Implementation Work Plan – part 3												
Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018
Task K. Calculate the estimated amount of climate finance for both mitigation and adaptation (unconditional and conditional), in order to implement its NDC, based on existing literature, surveys and meetings with various stakeholders, including international donors.												
Task L. Provide an overview of the existing MRV system of Ukraine and climate finance tracking												
Task M. Conduct a brief gap analysis on the additional support Ukraine will need to in order to implement its NDC												
Task N. Facilitate coordination meetings on climate finance and technical support to address gaps on NDC identified with relevant stakeholders, including donors												
Task O. Draft an overall final report that aggregates all the previous tasks into one single report submitted to the EBRD and MENR												
Key Outputs												
Final report (in English and Ukrainian)												
Task P. Agree with the MENR on the structure updated NDC for UNFCCC submission and provide a template with a sample draft, based on the final report												
Task Q. Support MENR with finalization of the document, in terms of providing guidance/comments and editorial assistance	Until submission and acceptance by UNFCCC and/or project end											

Communication Strategy

TARGET AUDIENCE

- Government and Parliament
- Ministries and state agencies
- Experts community
- Donors
- NGOs
- Other partners

COMMUNICATION CHANNELS AND TOOLS

- Donor/implementer coordination meetings
- Workshops and consultation meetings
- Dissemination of Information materials/reports
- Publications in Social Media and on Website/Partners Websites

Communication Strategy

COMMUNICATION OBJECTIVES

- To provide an assistance in capacity building process on climate policy development
- To support the updating process of Nationally Determined Contribution of Ukraine
- To raise awareness about main goals of the Paris Agreement and Nationally Determined Contributions

Communications Strategy

Communication Strategy with involved parties during the assignment period:

- MinEcology as recipient and core NDC ministry
- Ministries and State Agencies – members of Working Groups
- Key stakeholders - members of WGs and Task Forces
- Broad stakeholders – not involved directly in NDC process
- Professional media and social networks
- International donors and financial institutions
- Verkhovna Rada, Presidential Administration, National Security Council

Communication Strategy

Activities	Timeline
Develop and submit Communication Concept and an Action Plan	December 1, 2018 –December 31, 2018
Maintain regular coordination on PR activities between stakeholders	January 1, 2019 – February 28, 2019
Support of workshops maintained during project implementation	February 1, 2019 - October 31, 2019
Developing of informational materials based on conclusion and findings of Project activities.	March 1, 2019 - October 31, 2019
Presentation and dissemination to target audience overview reports and Ukrainian updated NDC	September 30, 2019 - October 31, 2019

THANK YOU!

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SECTION 2. STAKEHOLDER MAPPING

Key stakeholders of NDC development process in Ukraine (responsibilities, functions, roles and mandates)

Ukrainian NDC is cross-cutting economy wide long term strategic policy document and updated NDC will have the same cross-cutting economy wide nature. Development of national cross-cutting economy wide strategic document requires strong inter-agency coordination within GoU while engaging legislative power, such as Verkhovna Rada of Ukraine (Parliament) and Presidential Administration. Strong participation of civil society, private business, expert community and academia is also important and required, as well as ensuring regional and municipal level participation.

To ensure efficient and continuous inter-ministerial coordination on climate change policies and issues, in 1999 GoU has established Inter-Ministerial Commission on UNFCCC Implementation¹. Initially, this Commission was under the authority and chaired by Vice Prime Minister but for the last 10 years it has been chaired by the Minister of Ecology and Natural Resources and managed by MinEcology. The Commission mandate is to coordinate UNFCCC related issues within GoU, to organize the work on developing strategies and national plans to implement UNFCCC provisions. The Commission under its mandate can establish working groups and task forces for specific assignments and can submit documents for consideration with recommendations for the GoU to approve. The Commission is a collegial body.

The Project Team proposed that the members of the Commission consists of representatives from:

- MinEcology – Minister and Vice Minister, Heads of Departments
- Ministry of Economic Development and Trade – Vice Minister
- Ministry of Energy and Coal Industry – First Vice Minister
- Ministry of Foreign Affairs – First Vice Minister
- Ministry of Finance – Vice Minister
- Ministry of Agrarian Policy and Food – Vice Minister
- Ministry of Infrastructure – Vice Minister
- Ministry of Education and Science, youth and sport – Vice Minister
- Ministry of Regional Development, Construction and housing – Vice Minister
- National Security and Defense Council– Vice Secretary
- State Statistics Agency – Deputy Head
- State Land Agency – Deputy Head
- State Forestry Agency – Deputy Head

¹ <http://zakon.rada.gov.ua/laws/show/583-99-%D0%BF>

- Verkhovna Rada of Ukraine Committee on Environmental Policy, Nature Resources Utilization and Elimination of the Consequences of Chornobyl Catastrophe
- Verkhovna Rada of Ukraine Committee on Fuel and Energy Complex, Nuclear Policy and Nuclear Safety
- Cabinet of Ministers Secretariat
- National Academy of Science of Ukraine
- Members of the Parliament
- Civil Council under MENR
- Other representatives from state entities and authorities, local authorities, scientific institutions, civil society.

This composition will be in line with the existing organizational structure of the Commission, its role within GoU and mandate to establish working groups for specific needs, and therefore serve as the best tool for the NDC development process. During the Inception meeting all participants agreed that Commission will serve as supervising body for NDC development process and special purpose Working Group will be established under MinEcology while reporting both to MinEcology and the Commission.

During the Inception meeting participants also mentioned that new informal organizational structure in most ministries such as Reform Support Offices and Directorates, once established, should be involved in the process of NDC development.

MinEcology currently in the process of establishing official inter-ministerial Working Group on second NDC development and the first meeting with this Working Group is scheduled for early February 2019. Aiming to establish transparent and inclusive NDC development process, the Project prepared the list of potential stakeholders presented in **Annex D** and based on this list MENR send an official letters inviting all listed organizations, institutions and state bodies to participate in the Inter-Ministerial Working Group on second NDC development. The list will be updated, as appropriate, based on the actual membership in the Working Group once the process is finalized.

SECTION 3. PROJECT IMPLEMENTATION WORK PLAN

Project Implementation Work Plan, includes:

- (i) stakeholder engagement process, including ministries and state agencies, social society, academia, private and public business representatives;
- (ii) establishment of updated NDC working group (WG) under MENR representing relevant ministries, state agencies, academia, NGO and private business and utilizing existing institutional structures to address climate change issues; and
- (iii) (external communications strategy .

The Project Work Plan (see **Annex E**) was presented and discussed during the Inception meeting, including steps of NDC update, stakeholders' engagement process, best approaches to institutional and organizational arrangements and communication strategy (see Section 1-2 above). The Work Plan was endorsed by Inception meeting participants, and shared with MinEcology for comments in hard copied and by email. No additional comments were received and MinEcology approved the Work Plan.

Potential Risks to Project Implementation

The Parliamentary elections in late October 2019 and March 2019 Presidential elections could influence the Project implementation timeline indicated in the Work Plan due to potential political turbulence and shifting of priorities within GoU and other stakeholders involved in NDC development process.

In order to mitigate potential delays caused by election process, the Project aims to work closely with Inter-Ministerial Working Group and with Inter-Ministerial Commission on UNFCCC Implementation and informing its' members on regular basis on intermediary results of NDC development work and getting their concurrence on each milestone of NDC development process. Regular update to Working Group and the Commission on NDC development work will allow maintaining the most recent results; in case of potential delays in GoU decision making process due to elections.

SECTION 4. CURRENT NDC STATUS OF UKRAINE

Ukrainian NDC in the framework of Paris Agreement provisions and COP/CMA decisions

As of January 2019, national NDC development and submission under Paris Agreement is regulated by Article 4 of Paris Agreement and several COP and CMA decisions:

- Decision 1/CP.21, decision 1/CP.20
- CMA decision (currently without a number at the time of writing this report)–
- Draft decision -/CMA.1
- Further guidance in relation to the mitigation section of decision 1/CP.21.

In accordance with paragraph 9, Article 4 of Paris Agreement, Ukraine shall submit its NDC every five years. First INDC has been developed by the GoU, adopted by Cabinet of Ministers Decree No. 980-p on September 16, 2015 and submitted by Ukraine to UNFCCC Secretariat in September 2015. On official website of interim NDC registry, the date of the first Ukrainian NDC submission is indicated as September 19, 2016, as this is the factual date of finalization of Paris Agreement ratification process by Ukraine – the date when Ukraine deposited its instruments of acceptance to UN Secretary-General, the Depository of Agreement, Ukrainian Parliament, ratified Paris Agreement on July 14, 2016 by adopting the Law on Ratification of Paris Agreement No. 1469-VIII.

On the date when Ukraine deposited its instruments of acceptance on September 19, 2016, Ukrainian INDC became the first NDC of Ukraine as listed on official interim NDC registry website. Therefore, in accordance with para 9 article 4 of Paris Agreement, Ukrainian second national NDC shall be submitted in 2020. At the same time, GoU has articulated the interest to submit second national NDC by the end of 2019.

Ministry of Ecology and Natural Resources of Ukraine is the UNFCCC Focal Point for Ukraine and in accordance with its mandate is in charge of implementation of UNFCCC, Kyoto Protocol and Paris Agreement decisions and provisions. Development and submission of national NDC is part of Ukrainian commitments under Paris Agreement, therefore Ministry of Ecology and Natural Resources of Ukraine is in charge of developing and submitting national NDC under Paris Agreement.

National legislative process for second NDC development and submission

At the same time, in accordance with existing national legislative acts – (i) Concept of State Climate Policy Implementation until 2030 (GoU Decree No. 932-p adopted on December 7, 2016) and (ii) Action Plan on Implementation of Concept of State Climate Policy Implementation (GoU Decree No. 878-p adopted on December 6, 2017)- the NDC needs to

be developed/updated every five years, starting from 2020, and the Ministry of Ecology and Natural Resources is responsible within the GoU. According to Action Plan mentioned above, Ministry of Economic Development and Trade, Ministry of Regional Development, Housing and Construction, Ministry of Energy and Coal Industry, Ministry of Agrarian Policy and Food, Ministry of Finance and State Energy Efficiency Agency shall contribute to the process of NDC development and National Academy of Science and National Academy of Agrarian Science are invited to contribute to NDC development. The GoU had approved National Ukrainian INDC in September 2015 by its Decree. GoU Decree is national legislation of mandatory nature and second Ukrainian NDC is planned to be approved by GoU Decree too.

During the Inception meeting in November 2018, MinEcology and other ministries and state agencies present at the meeting had agreed that the best way to institutionalize NDC update process that will allow transparent and inclusive way of national NDC update process is to establish Inter-Ministerial Working Group under MinEcology with broad stakeholders' participation, including national climate NGO network, private and public business, National Academy of Science and regional development institutions and organizations.

Inter-Ministerial Working Group on NDC development will be established under MinEcology once all relevant ministries, agencies and other stakeholders will provide their candidates for the Working Group (WG). First meeting of the WG is scheduled for February 4th, 2019.

During November 2018 Inception meeting, the content of national NDC update was discussed and agreed that the content of updated NDC will be the same as the first Ukrainian NDC.

In accordance para 7 of relevant NDC decision adopted at COP24 - *Draft decision -/CMA.1 Further guidance in relation to the mitigation section of decision 1/CP.21* Ukraine shall, in communicating its second NDC, provide information necessary for clarity, transparency and understanding contained in Annex I of this decision as applicable to its NDC. This decision changes the approach to the structure and content of second national NDC.

In accordance with para 24 decision 1/CP.21 Ukraine could choose between updating its first NDC or submitting its second NDC by 2020. During the extensive consultations with MinEcology on early January 2019, MinEcology expressed its view that Ukraine will be **developing and submitting its second NDC** and will comply with COP24 Katowice decision on *Further guidance in relation to the mitigation section of decision 1/CP.21*, including provisions of Annex I, as applicable, with the view to submit its second NDC in December 2019. Once Ukrainian second NDC is submitted, national reporting on NDC implementation under Paris Agreement will comply with relevant COP24 Katowice decisions, including, but not limited, to transparency decision and Annex II of decision on *Further guidance in relation to the mitigation section of decision 1/CP.21*. The final decision on type of NDC – updating its first NDC vs second NDC and the structure and the content of Ukrainian this NDC will be made during the first meeting of Inter-Ministerial Working Group on second NDC development in early February 2019.

The indicative time for second Ukrainian NDC submission is before COP25 (keeping in mind that information on COP25 dates is not available yet), but this timeframe could be influenced by upcoming Parliamentary elections in late October 2019, as it could delay the process of governmental concurrence and Cabinet of Ministers approval. March 2019 Presidential elections could also influence the schedule of NDC development due to potential political turbulence and shifting of priorities within GoU and broad stakeholders involved in NDC development process.

The legislation process of developing and submitting national NDC in Ukraine will include:

- Establishment of Inter-Ministerial Working Group for second NDC development under MinEcology with broad stakeholders' participation;
- Monthly meetings of this Working Group to discuss specific NDC elements and present intermediary results;
- At least three meetings of Inter-Ministerial Commission on UNFCCC Implementation to present the approach to NDC type and its structure and to present intermediary and final results;
- Methodological Workshop to present available methodological approaches to NDC development and to select most appropriate methodology or combination of methodologies for Ukraine;
- National, international experts' contribution and consultations;
- Sector specific inter-agency consultations;
- Private and public business consultations when achieving specific benchmarks;
- Finalization of NDC development process and drafting Ukrainian NDC in the format of GoU Decree;
- Formal public consultations on draft Ukrainian NDC;
- Ministerial and state agencies formal concurrence process based on Cabinet of Ministers legislation development process regulation;
- Concurrence councils/consultations with ministries and state agency to address specific unresolved issues/comments, if necessary;
- Development of supporting documents as per Cabinet of Ministers legislation development process regulation and updating draft NDC as per received comments, if applicable;
- Submission of draft NDC and supporting documents to Cabinet of Ministers;
- Supporting Cabinet of Ministers Secretariat in draft NDC consultations and discussions;
- Adoption of Ukrainian NDC by GoU and issuance of relevant GoU Decree;
- Submission of English version of Ukrainian NDC to UNFCCC Secretariat by MinEcology.

In order to ensure transparent and inclusive process of developing Ukrainian NDC, the Project, together with MENR, will publish on regular basis the intermediary results, materials, presentations, outcomes of consultations with interested parties and

participation in various public and sector specific events on the web-sites of MENR and Institute of Economics and Forecasting.

COP24 Ukrainian NDC Side-Event

During COP24 in Katowice, EBRD together with Ministry of Ecology and Natural Resources of Ukraine conducted panel discussion on updating Ukrainian NDC. The speakers representing EBRD, Parliament of Ukraine, Ministry of Ecology and Natural Resources of Ukraine, NDC Partnership and technical expert of EBRD Project on Support to GoU on updating its NDC, discussed the potential content of Ukrainian NDC, the process of its development and how to ensure ambitious and fair NDC is developed in transparent and inclusive manner (see **Annex F**). NDC Partnership shared international experience in NDC development and update. Ukrainian national and regional climate NGOs and representatives from municipal authorities of Ukraine had raised issues of fair Ukrainian NDC contribution to global temperature goals of 2C and 1.5C and how national NDC target is reflected and correlated with regional and municipal actions on climate change, energy efficiency and adaption under Covenant of Mayors and EBRD municipal initiatives. Ukrainian NGOs expressed strong interest to be a part of NDC update process and highlighted the importance of cross-sectoral coordination of NDC target implementation.

SECTION 5. UPDATED TENTATIVE STRUCTURE/TEMPLATE OF THE UKRAINIAN NDC (AS PER ANNEX I OF KATOWICE DECISION)

The structure of second Ukrainian NDC content will be finalized during the first meeting of Inter-Ministerial Working Group on NDC Development.

Here is the preliminary structure of Second Ukrainian NDC as per Annex I of Katowice decision “-/CMA.1 Further guidance in relation to the mitigation section of decision 1/CP.21”.

Tentative Ukrainian NDC Structure

1. Quantifiable information on the reference point:

- a) Base year;
- b) Quantifiable information on the reference indicators, their values in the base year;
- c) Target relative to the reference indicator, expressed numerically, for example in percentage or amount of reduction;
- d) Information on sources of data used in quantifying the reference point(s);
- e) Information on the circumstances under which the Party may update the values of the reference indicators.

2. Time frames and/or periods for implementation:

- a) Time frame and/or period for implementation, including start and end date;
- b) Whether it is a single-year or multi-year target, as applicable.

3. Scope and coverage:

- a) General description of the target;
- b) Sectors, gases, categories and pools covered by the nationally determined contribution consistent with Intergovernmental Panel on Climate Change (IPCC) guidelines;
- c) How the Party has taken into consideration paragraphs 31(c) and (d) of decision 1/CP.21;
- d) *Mitigation co-benefits resulting from Parties’ adaptation actions and/or economic diversification plans, including description of specific projects, measures and initiatives of Parties’ adaptation actions and/or economic diversification plans.*

4. Planning processes:

- a) Information on the planning processes that the Party undertook to prepare its nationally determined contribution and, if available, on the Party’s implementation plans, including, as appropriate:

- a. Domestic institutional arrangements, public participation and engagement with local communities, in a gender-responsive manner;
 - b. Contextual matters, including, inter alia, as appropriate:
 - i. National circumstances, such as geography, climate, economy, sustainable development and poverty eradication;
 - ii. Best practices and experience related to the preparation of the nationally determined contribution;
- b) Each Party with a nationally determined contribution under Article 4 of the Paris Agreement that consists of adaptation action and/or economic diversification plans resulting in mitigation co-benefits consistent with Article 4, paragraph 7, of the Paris Agreement to submit information on:
- a. How the economic and social consequences of response measures have been considered in developing the nationally determined contribution;
 - b. Specific projects, measures and activities to be implemented to contribute to mitigation co-benefits, including information on adaptation plans that also yield mitigation co-benefits, which may cover, but are not limited to, key sectors, such as energy, resources, water resources, coastal resources, human settlements and urban planning, agriculture and forestry; and economic diversification actions, which may cover, but are not limited to, sectors such as manufacturing and industry, energy and mining, transport and communication, construction, tourism, real estate, agriculture and fisheries.

5. Assumptions and methodological approaches, including those for estimating and accounting for anthropogenic greenhouse gas emissions and, as appropriate, removals:

- a) Assumptions and methodological approaches used for accounting for anthropogenic greenhouse gas emissions and removals corresponding to the Party's nationally determined contribution, consistent with decision 1/CP.21, paragraph 31, and accounting guidance adopted by the CMA;
- b) Assumptions and methodological approaches used for accounting for the implementation of policies and measures or strategies in the nationally determined contribution;
- c) If applicable, information on how the Party will take into account existing methods and guidance under the Convention to account for anthropogenic emissions and removals, in accordance with Article 4, paragraph 14, of the Paris Agreement, as appropriate;
- d) IPCC methodologies and metrics used for estimating anthropogenic greenhouse gas emissions and removals;

- e) Sector-, category- or activity-specific assumptions, methodologies and approaches consistent with IPCC guidance, as appropriate, including, as applicable:
 - a. Approach to addressing emissions and subsequent removals from natural disturbances on managed lands;
 - b. Approach used to account for emissions and removals from harvested wood products;
 - c. Approach used to address the effects of age-class structure in forests;
- f) Other assumptions and methodological approaches used for understanding the nationally determined contribution and, if applicable, estimating corresponding emissions and removals, including:
 - a. How the reference indicators and/or reference level(s), including, where applicable, sector, category- or activity-specific reference levels, are constructed, including, for example, key parameters, assumptions, definitions, methodologies, data sources and models used;
 - b. For climate forcers included in nationally determined contributions not covered by IPCC guidelines, information on how the climate forcers are estimated;
 - c. Further technical information, as necessary;
- g) The intention to use voluntary cooperation under Article 6 of the Paris Agreement and provisions for domestic and international carbon markets, including domestic ETS and CORSIA.

6. How the Party considers that its nationally determined contribution is fair and ambitious in the light of its national circumstances:

- a) How the Party considers that its nationally determined contribution is fair and ambitious in the light of its national circumstances;
- b) Fairness considerations, including reflecting on equity;
- c) How the Party has addressed Article 4, paragraph 3, of the Paris Agreement;
- d) How the Party has addressed Article 4, paragraph 4, of the Paris Agreement;

7. How the nationally determined contribution contributes towards achieving the objective of the Convention as set out in its Article 2:

- a) How the nationally determined contribution contributes towards achieving the objective of the Convention as set out in its Article 2;
- b) How the nationally determined contribution contributes towards Article 2, paragraph 1(a), and Article 4, paragraph 1, of the Paris Agreement.

Section 6. Next Steps

After the Inception stage is finalized, the Project will continue conducting the analytical work under Task B, including background research on existing and planned NDC related legislation, carbon market and climate finance; analysing various methodologies to model GHG emissions pathway that meet the international best practices, recognised by the UNFCCC and proposing a methodological approach for the NDC update, explaining the rationale, alongside a short analysis on the pros and cons of alternative approaches. The Project experts while working on methodological approaches to model GHG emissions pathways for NDC update will work closely with EBRD experts on how to develop the best methodological approach for proposing long-term targets and what is the best and feasible way for Ukraine to address its long-term pathways.

As the next step, the Project will organize Methodological Workshop on February 26 and participate in relevant GIZ and PMR workshops on Cap Setting and Carbon Pricing respectively. The overall goal of Methodological Workshop is to present the whole range of modeling tools available in Ukraine and to select the set of modeling and forecasting tools for NDC development. During GIZ workshop on cap setting, the Project will learn more about the approaches to be applied while developing allocation rules, as allocation plan will not be developed for Ukraine as of current status of domestic ETS work.

At the same time, the Project will continue providing support to MENR on establishing Inter-Ministerial Working Group on NDC development and conducting its monthly meetings, including preparing information materials on Katowice NDC related decisions, draft NDC structure, NDC development action plan, the Project goals and objectives and presenting it to broader stakeholders during first meeting of the WG. The first meeting of this Working Group will take place on February 4, 2019. It's expected that WG during its first meeting will consider and endorse Ukraine's NDC development plan, its' mode of work, schedule of meetings. The WG will also consider and finalize the cornerstone issue on developing either updated or second NDC.

Annex D – Broader list of key stakeholders and their focal points, functions and mandates (engaged at various stages)

#	Key Stakeholders	Focal Points		Type	Functions and Mandate (only related to the objectives of the Project)
		Name	Contacts		
1.	Secretariat of the Cabinet of Ministers of Ukraine		www.kmu.gov.ua/en/sekretariat-kabinetu-ministriv-ukrayini	GoU	<ul style="list-style-type: none"> - organizational, analytical, legal, informational, financial and technical support of the Cabinet of Ministers of Ukraine (CMU), Governmental Committees, Prime Minister and Vice Prime Ministers; - communication with executive authorities on the legislative process; - legal expertise and evaluation of the draft legislation acts submitted to the CMU for consideration
2.	Ministry of Environment and Natural Resources of Ukraine		https://menr.gov.ua/	GoU	<ul style="list-style-type: none"> - ecological safety, waste management; - protection of atmospheric air; - preservation of the ozone layer; - regulation of negative anthropogenic impact on climate change and adaptation and fulfillment within the competence of the requirements of the UN Framework Convention on Climate Change, the Kyoto Protocol, the Paris Agreement; - protection and reproduction of water, rational use of water resources
3.	Ministry of Economic Development and Trade of Ukraine		http://www.me.gov.ua/	GoU	<p>Ensuring the formation and implementation:</p> <ul style="list-style-type: none"> - state policy of economic and social development; - state pricing policy; - state industrial policy; - state policy in the field of public-private partnership; - state investment policy; - state policy in the field of trade and domestic services; - state policy on economic and social cooperation between Ukraine and the EU; - a single foreign economic policy, the policy of integration of the national economy into the world economy, cooperation with the WTO; - state policy on attracting international technical assistance
4.	Ministry of Energy and Coal Industry of Ukraine		http://mpe.kmu.gov.ua/	GoU	<ul style="list-style-type: none"> - ensures the formation and implementation of state policy in the electricity, nuclear, coal, peat, oil and gas sectors and oil and gas processing complexes, as well as ensures the formation of state policy in the field of supervision (control) in the sectors of electricity and heat supply; - performs state administration in the field of nuclear energy and radiation safety

5.	Ministry of Foreign Affairs of Ukraine		https://mfa.gov.ua/ua	GoU	<ul style="list-style-type: none"> - ensuring the formation and implementation of state policy in the field of external relations; - participation in ensuring the implementation of the state foreign economic policy, the policy of integrating the national economy into the world economic system
6.	Ministry of Infrastructure of Ukraine		https://mtu.gov.ua/	GoU	<ul style="list-style-type: none"> - ensuring the formation and implementation of state policy in road, rail, sea, river and air transports
7.	Ministry of Finance of Ukraine		https://www.mfnfin.gov.ua	GoU	<ul style="list-style-type: none"> - ensuring the formation and implementation of state financial and fiscal policy, financial control; - ensuring the concentration of financial resources on the priority areas of socio-economic development of Ukraine
8.	Ministry of Agrarian Policy and Food of Ukraine		http://minagro.gov.ua/	GoU	<ul style="list-style-type: none"> - formation and implementation of the state agricultural policy, state policy in the food security of the Ukraine, fish industry, forestry; - formation of state policy in the areas of use and protection of agricultural land
9.	Ministry of Regional Development, Construction and Housing and Communal Services of Ukraine		http://www.mnrregion.gov.ua	GoU	<ul style="list-style-type: none"> - ensuring the formation and implementation of state regional policy, state housing policy and policy in the field of construction, architecture, urban development, housing and communal services; - ensuring control over efficient use of fuel and energy resources, energy saving, renewable energy sources and alternative fuels; - provision of technical regulation in the field of construction, urban development, construction materials industry, housing and communal services.
10.	Ministry of Education and Science of Ukraine		https://mon.gov.ua/	GoU	<ul style="list-style-type: none"> - ensuring the formation and implementation of state policy in education and science; - ensuring the formation and implementation of state policy in scientific and technical and innovation activities, technology transfer
11.	Ministry of Justice of Ukraine		https://minjust.gov.ua/	GoU	<ul style="list-style-type: none"> - realization of the state legal policy and policy in the field of adaptation of the legislation of Ukraine to the EU legislation; - implementation of international legal cooperation
12.	National Security and Defense Council of Ukraine		http://www.rnb.gov.ua/	GoU	<ul style="list-style-type: none"> - making proposals to the President of Ukraine on the implementation of the principles of domestic and foreign policy in the field of national security and defense
13.	State Agency on Energy Efficiency and Energy Saving of Ukraine		http://saee.gov.ua/	GoU	<ul style="list-style-type: none"> - implementation of state policy in the field of efficient use of fuel and energy resources, energy saving, renewable energy sources and alternative fuels; - ensuring an increase in the share of renewable energy sources and alternative fuels in the energy balance of Ukraine

14.	State Statistics Service of Ukraine		http://www.ukrstat.gov.ua/	GoU	- implementation of state policy in the field of statistics
15.	State Forest Resources Agency of Ukraine		http://dklg.kmu.gov.ua/	GoU	- implementation of state policy in the field of forestry and hunting
16.	State Service of Ukraine for Geodesy, Cartography and Cadastre		http://land.gov.ua/	GoU	- realization of the state policy in the field of land relations, land management, soil fertility
17.	Presidium of the National Academy of Sciences of Ukraine		http://www.nas.gov.ua	Academic	- organizes and carries out fundamental and applied research on the most important problems of natural, technical and socio-humanitarian sciences, as well as coordinates the implementation of fundamental research in scientific institutions and organizations of Ukraine irrespective of the forms of ownership
18.	Administration of the President of Ukraine		https://www.president.gov.ua	Presidential Administration	- analysis of political, economic, social, humanitarian and other processes taking place in Ukraine and in the world; - preparation of proposals for the implementation of the leadership of foreign policy activities of the state; - provides planning of the activities of the President of Ukraine
19.	Committee of the Verkhovna Rada of Ukraine on environmental policy, nature management and liquidation of the consequences of the Chernobyl disaster		http://komekolog.rada.gov.ua/	Legislative	- protection, preservation, use and restoration of natural resources; - ecological safety, prevention and liquidation of consequences of natural disaster; - state policy in the field of waste management; - state monitoring of the environment; - environmental insurance and environmental audit
20.	Committee of the Verkhovna Rada of Ukraine on Fuel and Energy Complex, Nuclear Policy and Nuclear Safety		http://kompek.rada.gov.ua/	Legislative	- development of the fuel and energy complex, coal, gas, oil, oil refining industry and power engineering; - development of nuclear energy and nuclear safety; - operation of energy and energy markets; - transportation of energy and energy; - energy saving; - renewable energy sources
21.	Public Council under the Ministry of Environment		https://menr.gov.ua/timeline/Gromadska-rada.html	NGO	- ensuring public participation in the formation and implementation of state environmental policy

	and Natural Resources of Ukraine				
22.	Public Joint Stock Company "National Joint-Stock Company "Naftogaz of Ukraine"		http://www.naftogaz.com	Public business	<ul style="list-style-type: none"> - extraction of oil and natural gas, gas (methane) of coal deposits; - supply of natural gas, gas (methane) of coal deposits; - supply of natural gas, gas (methane) of coal deposits at unregulated tariffs; - supply of oil, liquefied gas and gas condensate; - creation and operation of transit interstate systems for the transportation of oil, petroleum products and natural gas; - ensuring the realization of investment projects in the oil and gas complex; - ensuring the increase of the level of reliability, efficiency and safety of operation of objects of the oil and gas complex
23.	Separate subdivision of NPC "Ukrenergo" "Scientific-project center of development of United Energy System of Ukraine"		https://ua.energy	Public business	<ul style="list-style-type: none"> - design, research and regulatory-technological development of Ukraine's energy system, taking into account global trends in the energy sector, experience in technology implementation and integration into the ENTSO-E
24.	Ukrainian Chamber of Commerce and Industry		https://ucci.org.ua/en/	Industrial Association	Creation and support of a favorable environment for doing business in Ukraine and strengthening international business cooperation «Ukraine – World»
25.	Ukrainian Climate Network		http://climategroup.org.ua	NGO	Support the execution of Ukrainian citizens rights to live in safe natural environment in response to climate change threats
26.	Energy Efficiency Cities Association		http://enefcities.org.ua/en/	NGO	<ul style="list-style-type: none"> Support municipal authorities in implementing ISO 50001:2011 "Energy Management Systems" Support implementation of new energy policy and introducing technical and financial approaches to improve energy conservation, energy efficiency and energy security Creation of a new social attitude and behaviour pattern at home for the use of traditional and renewable energy sources and for environmental protection
27.	Ukrainian Cities Association		http://2.auc.org.ua/	NGO	Represent and protect member-cities rights in the Parliament and GoU

					Provide consulting and informational support to member-cities
28.	Ukrainian Association of Districts and Regional Councils		http://uaror.org.ua/	NGO	Promotion of social-economic and regional development of regional councils Protecting rights and representing interests of regional councils in the GoU, Parliament
29.	Joint Territorial Communities Association		https://hromady.org/	NGO	Promotion of best international, modern and innovative practices on communities management and protection of their legal rights and interests
30.	World Bank		https://www.worldbank.org/en/country/ukraine	IFI	Finance state/public infrastructural business
31.	EBRD		https://www.ebrd.com/ukraine/	IFI	Finance private business
32.	UNDP		http://www.ua.undp.org/content/ukraine/en/	UN	To promote UN SDGs agenda, to support UNFCCC and Paris Agreement implementation
33.	Delegation of the EU to Ukraine		https://eeas.europa.eu/delegations/ukraine_en	Diplomatic mission	To represent the EU in Ukraine
34.	Energy Community Secretariat (Kyiv Office)		https://www.energy-community.org/	International Organization	Responsible for supporting the day-to-day activities of the Energy Community and monitoring the implementation of the Treaty establishing the Energy Community

Annex E – Project Work Plan

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
Task A. Arrange an inception meeting with the Ministry of Ecology and Natural Resources of Ukraine (“MENR”) and develop a work plan												
A.1. Clarifying the objectives and the internal arrangements of the Project in coordination with the MENR and other stakeholders (relevant ministries and agencies, including MinEnergy, MinAgro, MinEconomy, MinFinance, MinInfrastructure, SAE and others identified by MENR)												
A.2. Mapping out key stakeholders and their responsibilities and related ownership related to NDC development and implementation												
A.3. Developing and agreeing with MENR a Project implementation work plan on: i) stakeholder engagement, including ministries and state agencies, social society, academia, private and public business representatives; ii) arrangements of the working group (WG) across relevant ministries of the GoU identified by MENR to support NDC updated; iii) communications strategy with involved parties throughout the assignment period												
A.4. Clarifying the UNFCCC process for national NDC re-submission and developing instructions for MENR on re-submission process, including support of Ukraine’s delegation prior to climate negotiations, in the context of Paris Agreement												
A.5. Developing and agreeing with MENR a tentative structure/template for the updated Ukrainian NDC												
Key Outputs (reports etc.)												
<ul style="list-style-type: none"> • Agreed with MENR Project implementation work plan • Instructions of UNFCCC process of re-submission of NDC • Tentative structure/template for the updated NDC • Minutes of the meetings 												
Task B. Carry out background research on methodological approach, legal framework and policies, and on-going/planned climate actions (including climate finance)												
B.1. Review of the existing NDC and identify areas of improvement on both mitigation and adaptation sections:												
B.1.1. Structure of the existing NDC												
B.1.2. The methodological approach and assumptions												
B.1.3. The existing and planned national legislations and policies relevant to NDC												
B.1.4. Develop an updated list of national climate legislations and policies, relevant to NDC, including but not limited to Ukraine 2050 Low Emission Development Strategy, Ukraine Concept of State Climate Change Policy Implementation until 2030, Plan of Actions to the Concept of State Climate Change Policy Implementation until 2030, New Energy Strategy until 2035 and identify where the legal gaps are												
B.2. Review the various methodologies to model GHG emissions pathway that meet the best international practices and recognised by the UNFCCC												
B.3. Review of the previous studies on the macroeconomic modelling of carbon pricing and GHG emissions in Ukraine, including EBRD PETER, UNDP and USAID projects												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
B.4. Overview of the approaches to the national carbon budgets estimation												
B.5. Proposal a methodological approach for the NDC update (including economic assessment) based on review above, including explanation on the rationale and table on short analysis on the pros and cons of alternative approaches												
B.6. Set a timeline for data collection and provide the list of data needed for modelling to the MENR												
B.7. Summarise existing and planned mitigation and adaptation strategies and actions, including policy developments and other means of implementation, such as carbon market and climate finance activities												
B.8. Review existing literature and studies on Ukraine’s climate vulnerability/risks and identify priority sectors for adaptation needs and develop summaries for each sector and existing measures												
Key inputs (experts etc.)												
<ul style="list-style-type: none"> • Ukrainian NDC, including background documents • Relevant IEA, EIA and OECD reports • UNFCCC Resource Guide Module 4: Measures to mitigate climate change for preparing the National Communications of Non-Annex I Parties • Energy Toolkit 2.0: Leading Instruments and Methodologies for Sustainable Energy Planning • National and international literature relevant to tasks of Project • International donors, IFIs and TA projects reports relevant to NDC • National legislation relevant to NDC • Literature and studies on Ukraine’s climate vulnerability/risks 												
Key Outputs (reports etc.)												
<ul style="list-style-type: none"> • Background report of Task B • Up-to-date list of national climate legislations and policies, relevant to NDC • Summary of existing and planned mitigation and adaptation strategies and actions • Proposal on methodological approach for NDC update • Summaries for each identified priority sector on adaptation needs and existing measures • Minutes of the meetings • WG Workshop introduction/results of Task B (MINECOLOGY) 												
Task C. Carry out a workshop with MENR/WG to present on the findings and conclusions of Task B												
C.1. Organize and conduct workshop with MENR/WG to present on the findings and conclusions of Task B.												
Key inputs (experts etc.)												
<ul style="list-style-type: none"> • Presentation materials on findings and conclusions of Task B • Methodological approach for the NDC update agreed with MENR/WG • Task B report 												
Key Outputs (reports etc.)												
<ul style="list-style-type: none"> • Minutes of the meeting • Present background research result – what information is available, what is missing and our next steps 												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
Task D. Support the MENR in developing regular reporting documents to UNFCCC, such as National Communications and Biannual Reports, as incremental parts of the NDCs updating	Until submission and acceptance by UNFCCC and/or project end											
D.1. Identify areas of support needed for MENR in developing regular reporting documents to UNFCCC												
D.1.1. National Communications												
D.1.2. Biannual Reports												
Key inputs (experts etc.)												
<ul style="list-style-type: none"> Ukraine’s report under UNFCCC UNFCCC Guidelines on reporting national communications Guidelines on reporting biennial reports 												
Key Outputs (reports etc.)												
<ul style="list-style-type: none"> Draft elements of UNFCCC reports identified by MENR for support needed Other support as requested by MENR on UNFCCC reporting 												
Task E. Model the GHG emissions pathway of Ukraine and provide several scenarios (up to 2050)												
E.1. Model the GHG emission pathways of Ukraine up to 2050 applying methodological approach agreed with MENR including:												
E.1.1. Update and improve the dynamic optimization TIMES-Ukraine model for estimation of the GHG emissions pathway in sectors (in terms of the UNFCCC) “Energy” and “Industrial Process and Industrial Use”												
E.1.1.1. Update and improve of the structure of the TIMES-Ukraine model												
E.1.1.2. Revision, update and collect new input data according to the latest energy and economy statistics												
E.1.1.3. Revision and update macroeconomic forecast data and drivers (GDP, gross added value, population, energy prices etc.), and update parameters and expand the set of new technologies (and/or measures)												
E.1.2. Develop tools (and/or simple models) for sectors (in terms of the UNFCCC) “Agriculture”, “LULUCF” and “Waste”												
E.1.2.1. Collect and verification GHG emissions statistics and forecast data												
E.1.2.2. Calibration data and define set of key parameters of the tools												
E.1.2.3. Develop tools (MS Excel books) for scenario estimation of the GHG emissions till 2050 in “Agriculture”, “LULUCF” and “Waste” sectors												
E.1.3. Update of the Ukrainian general equilibrium model (UGEM) for the economic assessment of the NDC scenarios and sets of fiscal and market mechanisms to achieve NDC targets												
E.1.3.1. Update of the Ukrainian general equilibrium (UGE) model social accounting matrix for 2015												
E.1.3.2. Improve of the structure of the UGE model												
E.1.3.3. Update of the carbon pricing and emissions trading treatment in UGE model												
E.1.4. - Develop the tool for visualisation of Ukraine’s current inventory data, existing data at sectoral and sub-sectoral levels with future trend analysis and comparison to other Parties												
E.1.4.1. Develop a module for visualisation of inventory data of Ukraine at sectoral and sub-sectoral levels												
E.1.4.2. Develop a module for parametrized forecasting of emissions according to the TIMES-Ukraine model with visualisation and comparison to other Parties to the UNFCCC												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
E.1.4.3. Provide uncertainty analysis and inclusion of uncertainty bands in visualisations												
E.2. Develop various scenarios with higher ambitious levels than the current Ukrainian NDC target, in relations to the Paris Agreement:												
E.2.1. Develop and agree with the MENR and EBRD the approach to set up number of NDC scenarios												
E.2.2. Develop several macroeconomic scenarios (low, medium and high economic development or several types based on economy development structure)												
E.2.3. Develop and model a set of Business As Usual (conservative, baseline) scenarios of Ukrainian GHG emissions till 2050, according to developed macroeconomic scenarios												
E.2.4. Present and agree with MENR/EBRD developed and modelled macroeconomic scenarios and key important primary and secondary parameters, assumption, targets of NDC scenarios												
E.2.5. Develop a set of key mitigation and adaptation measures by sectors for modelling NDC scenarios till 2050												
E.2.6. Develop and model a set of NDC scenarios till 2050 according to agreed macroeconomic scenarios: BAU, unconditional and conditional, and presentation of preliminary results of the higher ambition scenario												
E.2.7. Presenting NDC scenarios, including the higher ambition scenario, modelling results of the GHG emissions pathway of Ukraine to MENR/EBRD and collecting feedback and verifying the results accordingly												
E.2.8. Conduct an economic assessment (using UGEM model) of the NDC scenarios												
E.3. Conduct an advanced analysis (after presenting modelling results to MENR/EBRD) of mitigation potential and adaptation options for Ukraine based on BAU, unconditional, conditional and higher ambition scenarios												
Key inputs (experts etc.)												
<ul style="list-style-type: none"> • TIMES-Ukraine model • UGEM model • Ukrainian NDC • Data base of State Statistic Committee, ministries, agencies, state and private company, international agency, donors etc. • National and international literature relevant to tasks of Project (including IEF materials, scientific research etc.) 												
Key Outputs (reports etc.)												
<ul style="list-style-type: none"> • Report on various scenarios for the estimation of GHG emissions pathway of Ukraine till 2050 • Draft report on modelling results, including short descriptions of methodology, key assumptions and measures, scenarios modelling results and advanced analysis the mitigation potential and adaptation options for Ukraine • Demonstrative tool for visualisation of Ukraine’s current inventory data, existing data at sectoral and sub-sectoral levels with future trend analysis and comparison to other Parties 												
Task F. Draw a conclusion on what is the identified overall carbon budget for Ukraine, and provide breakdown of carbon budget by sector (carbon budget allocation by sector)												
F.1. Identifying overall carbon budget for Ukraine and it’s allocation by economic sectors												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
F.1.1. Review and analyse the best international practices to allocate national carbon budgets to economic sectors (incl. EU ETS), sectors without a direct carbon market and potential linkages between the sectors												
F.1.2. Assess the fairness of carbon budget for Ukraine according to different methodological approaches based on unconditional, conditional and higher ambition scenarios modelling results												
F.2. Review and analyse the proposed national carbon budget from other Parties to the UNFCCC of similar circumstances/conditions (to be discussed and determined with the OL) and compare to relatively verify whether Ukraine’s commitment is fair and equitable contribution												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Draft report of Tasks E and F												
• Overview reports on best international practices to allocate carbon budget and other UNFCCC country-parties carbon budget												
• Conclusion on identified overall carbon budget with breakdown by sector												
• Comparison analysis on relativity of NDC fairness												
Task G. Organise a consultation meeting with MENR/WG and other relevant stakeholders on the analysis												
G.1. Organize and carry out a consultation meeting with MENR/WG and other relevant stakeholders to present on the findings and conclusions of Tasks E and F												
Key Outputs (reports etc.)												
• Comments and feedback from MENR/WG and other relevant stakeholders on Task E and F reports findings and conclusions												
• Minutes of the consultative meeting												
Task H. Outline the mitigation and adaptation objectives by sector												
H.1. Identify and outline the mitigation objectives by sector												
H.2. Identify and outline the adaptation objectives by sector												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Task E, F and H reports												
• List of mitigation and adaptation objectives by sector												
Task I. Identify additional measures by sector for both mitigation and adaptation												
I.1. Review the existing information and studies on potential additional mitigation and adaptation measures by sector												
I.2. Develop and propose a list of additional mitigation measures by sector, including:												
I.2.1. Legal and regulatory measures (local, national and international (cross-border))												
I.2.2. Institutional and policy measures (including various economic and fiscal measures)												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
I.2.3. Various investment types (public to private investments and PPP)												
I.2.4. Capacity building measures												
I.3. Develop and propose a list of adaptation measures by sector												
I.3.1. Legal and regulatory measures (local, national and international (cross-border))												
I.3.2. Institutional and policy measures (including various economic and fiscal measures)												
I.3.3. Various investment types (public to private investments and PPP)												
I.3.4. Capacity building measures												
I.4. Summarise the status and outlook for key fiscal (e.g. carbon pricing) and market mechanisms for Ukraine, including its international use as option												
I.5. Conduct an assessment on how these additional actions/measures are linked with SDGs i.e. how NDCs are developed in the context of “sustainable development” (Article 2 of PA)												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Proposed lists of additional mitigation and adaptation measures by sector												
• Assessment report on how proposed additional measures by sector are linked with SDGs and developed in the context of Article 2 of Paris Agreement												
Task J. Conduct facilitative dialogue/consultation meeting(s) on the proposed list of measures with key stakeholders of relevant sectors (including private sector and civil society/NGOs) together with the MENR												
J.1. Together with MENR organize and conduct facilitative dialogue/consultation meetings with WG and others stakeholders, including representatives from ministries and state agencies, private sector and civil society/NGOs representatives, sectoral and industries associations and unions, expert community, IFIs and international donors representatives												
J.2. Present preliminary findings and conclusions of Task I and H reports, conduct facilitative dialogue and collect feedback, comments and proposals from relevant stakeholders												
Key inputs (experts etc.)												
• Presentation materials on findings and conclusions of Task I and H reports												
Key Outputs (reports etc.)												
• Updated list of additional adaptation and mitigation measures by sector based on the comments and feedbacks provided during facilitative dialogue process												
Task K. Calculate the estimated amount of climate finance for both mitigation and adaptation (unconditional and conditional), in order to implement its NDC, based on existing literature, surveys and meetings with various stakeholders, including international donors. This task does not require in-depth modelling												
K.1. Calculate the estimated amount of climate finance for both mitigation and adaptation (unconditional and conditional) using the developed complex of models and tools the GHG emissions pathway of Ukraine till 2050												
K.2. Calculate the estimated amount of climate finance for both mitigation and adaptation (unconditional and												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
conditional) based on existing literature, surveys and meetings with various stakeholders, including international donors												
K.3. Summarise the amount of climate finance for both mitigation and adaptation (unconditional and conditional)												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Report estimated amount of climate finance for both mitigation and adaptation (unconditional and conditional) in order to implement NDC												
Task L. Provide an overview of the existing MRV system of Ukraine and climate finance tracking												
L.1. Conduct a review of up-to-date legal, policy and institutional developments of the establishment/existing MRV system in Ukraine												
L.2. Conduct a review of climate finance tracking, including reports of IFIs, IEA, OECD on bilateral and multilateral climate finance tracking												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Overview reports on existing Ukrainian MRV system and climate finance tracking												
Task M. Conduct a brief gap analysis on the additional support Ukraine will need to in order to implement its NDC												
M.1. Conduct a brief gap analysis and identify areas, together with GoU, where additional support is needed in order to implement its updated NDC target under the more ambitious scenario (new target) in the following areas, inter alia:												
M.1.1. Policy, strategy and legislation (i.e. in terms of their alignment with NDC)												
M.1.2. Budgeting and investment												
M.1.3. Monitoring and evaluation (e.g. improving MRV system and climate finance tracking)												
M.1.4. Capacity building and knowledge												
M.2. Provide a summary on which stakeholders can provide the necessary support to narrow the gaps and what activities should follow as next steps												
Key inputs (experts etc.)												
• Relevant international and national reports and studies												
Key Outputs (reports etc.)												
• Gap analysis report on additional support needed for Ukraine in order to implement the update NDC												
• Summary report for the stakeholders on necessary support to narrow the gaps and what activities should follow as next steps												
Task N. Facilitate consultation meetings on i) finance needs and ii) additional support to fill the remaining gaps on NDC identified with relevant stakeholders, including donors												
N.1. Facilitate/organize consultation meetings on finance needs and additional support to fill the remaining gaps on NDC implementation with relevant stakeholders, including donors, IFIs and international organizations												

Activity	Period(s)											
	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019
Key inputs (experts etc.)												
• Presentation materials on findings and conclusions of Task K, Task L and Task M												
Key Outputs (reports etc.)												
• Minutes of the meetings and recommendations to the GoU on the potential source of finance and support												
Task O. Draft an overall final report that aggregates all the previous tasks into one single report submitted to the EBRD and MENR												
O.1. Drafting an overall final report that aggregates all the previous tasks into one single report and submitting it to the EBRD and MENR												
O.2. Finalization of the final report based on feedback and comments from the EBRD and MENR												
O.3. Preparing English and Ukrainian versions of final report												
Key inputs (experts etc.)												
• Project results												
Key Outputs (reports etc.)												
• Final report (in English and Ukrainian)												
Task P. Agree with the MENR on the structure updated NDC for UNFCCC submission and provide a template with a sample draft, based on the final report												
P.1. Propose and agree with MENR the structure of updated NDC based on final report findings and conclusions and best international practices												
P.2. Develop and provide to MENR a template with a sample draft of updated NDC based on final report findings and conclusions												
Key inputs (experts etc.)												
• Final report of the Project												
Key Outputs (reports etc.)												
• Proposed structure of updated Ukrainian NDC												
• Template of Ukrainian updated NDC with a sample draft												
Task Q. Support MENR with finalisation of the document, in terms of providing guidance/comments and editorial assistance	Until submission and acceptance by UNFCCC and/or project end											
• Q.1. Provide support to MENR in order to finalize updated NDC, including guidance, comments and editorial assistance												
Key inputs (experts etc.)												
• UNFCCC Guidelines on reporting national communications												
• Guidelines on reporting biennial reports												
Key Outputs (reports etc.)												
• Final Ukrainian updated NDC in English and Ukrainian ready for submission to UNFCCC												

Annex F – Ukrainian NDC Katowice COP24 Event Agenda



Updating of Ukraine's NDC

12th December 2018
10:00-11:30
Joint-MDB Pavillon



Session Description

Ukraine launched the process to update its Nationally Determined Contribution (NDC) together with the EBRD. This session will open by explaining the context of EBRD's overall climate-related activities in Ukraine and its NDC Support Programme, and how it plans to support the update of Ukraine's NDC.

The Ministry of Ecology and Natural Resources will share experience in developing and implementing climate policies in Ukraine, while the member(s) of the National Parliament will speak on the importance of political will and the role of high-level government officials in this process. Technical experts will discuss on the national processes for developing NDCs, including explain what the process and key components of NDC need to be.

The NDC Partnership Support Unit will provide an overview of the international progress on delivering NDCs and its current status and the role that the NDC Partnership plays to support these efforts. There will be a Q&A session for the audience to ask questions to the panellists.

Speaker and Schedule

10.00 – 10.05	Welcome/introducing the speakers Ms. Sung-Ah Kyun, Lead of Climate Analytics and NDCs, EBRD
10.05 – 10.15	Opening remarks - EBRD's activities in Ukraine and its NDC Support Programme Mr. Jan-Willem van de Ven, Head of Carbon Market Development, EBRD
10.15 – 10.30	Introduction of Ukrainian NDC and lessons learned from the first NDC and national process Ms. Svitlana Grynchuk, Head of Climate Policy Department, Ministry of Ecology and Natural Resources
10.30 – 10.40	Political will and role for high-level policy makers in achieving national climate objectives and goals Mr. Oleksiy Ryabchyn, member of the Parliament, Energy Committee
10:40 – 11.00	Unfolding national NDCs: International and Ukrainian perspectives – How to understand what makes an NDC and how is it translated into national policies and action? International technical expert (TBC) Mr. Oleksandr Diachuk, Institute for Economics and Forecasting, Ukrainian National Academy of Sciences
11.00 – 11.15	Closing remarks - Introduction of NDC Partnership, current status of NDC developments around the world and key lessons learned Romeo Bertolini, Deputy Director for Country Engagement within the NDC Partnership Support Unit
11:15 -11.30	Q&A

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