



Experiences and lessons learned from the process of implementation of TNA and preparation of NDC

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Mr. Igor Onopchuk

TEC Member,

National Center for GHG Emission Inventory

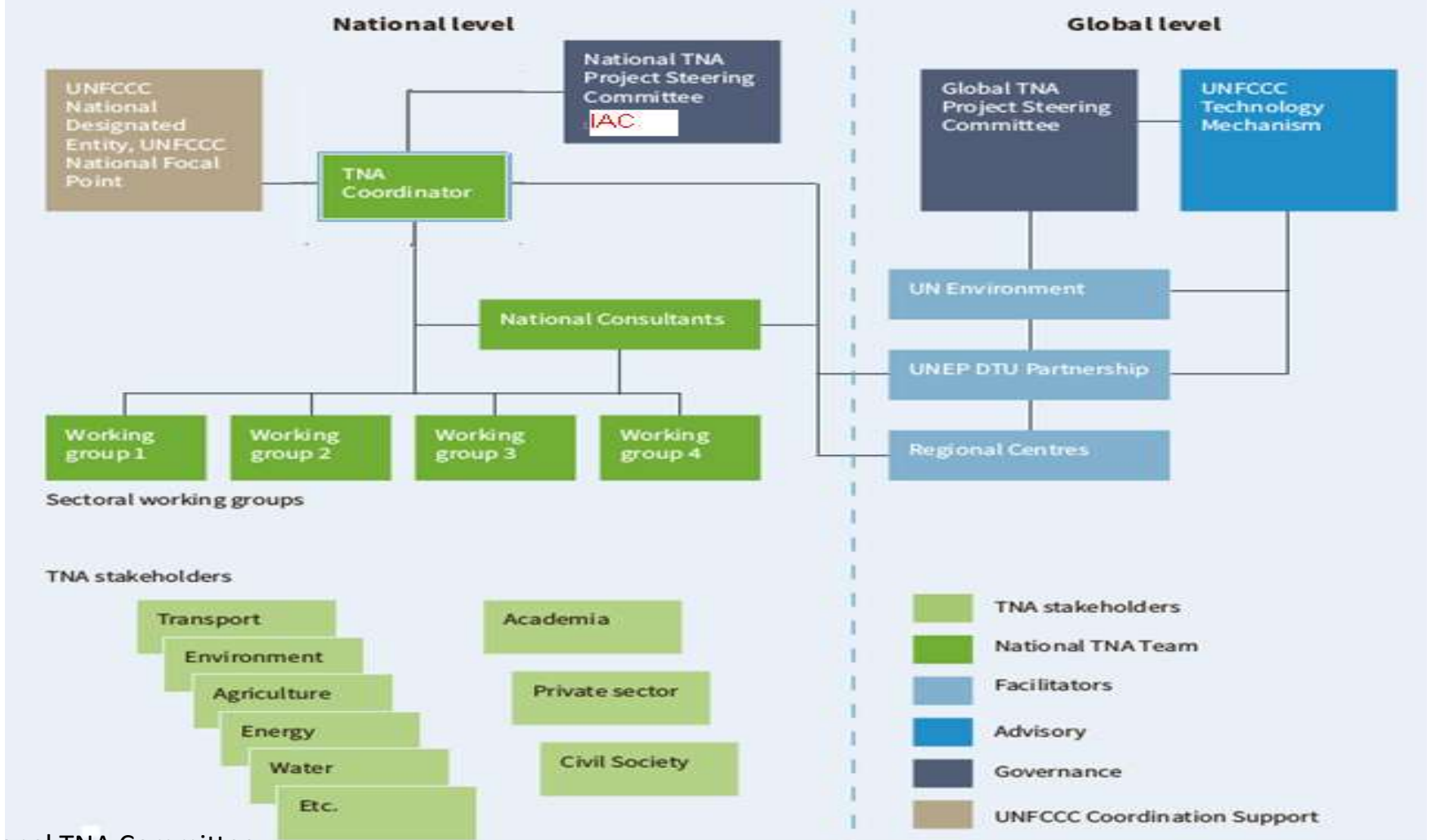
Ukraine's NDC

- Ukraine ratified Paris Agreement in 2016;
- First Ukraine's NDC (INDC) was submitted in 2015;
- The project “Support of Government of Ukraine in updating NDC” implemented by EBRD and supported by the Swedish International Development Cooperation Agency has been launched in November 2018;
- Ukraine's second NDC is expected to be finalized in 2019 – early 2020.

Expected outcomes of the project

- Analysis of current and planned policies and activities in mitigation and adaptation to climate change;
- Modelling of economy of Ukraine and establishment of development scenarios and GHG emission trends until 2030;
- Development of national and sectorial Carbon budgets;
- Establishment of goals and activities for mitigation and adaptation;
- Estimation of climate financing needed for implementation of planned activities;
- Development of draft NDC.

TNA in Ukraine

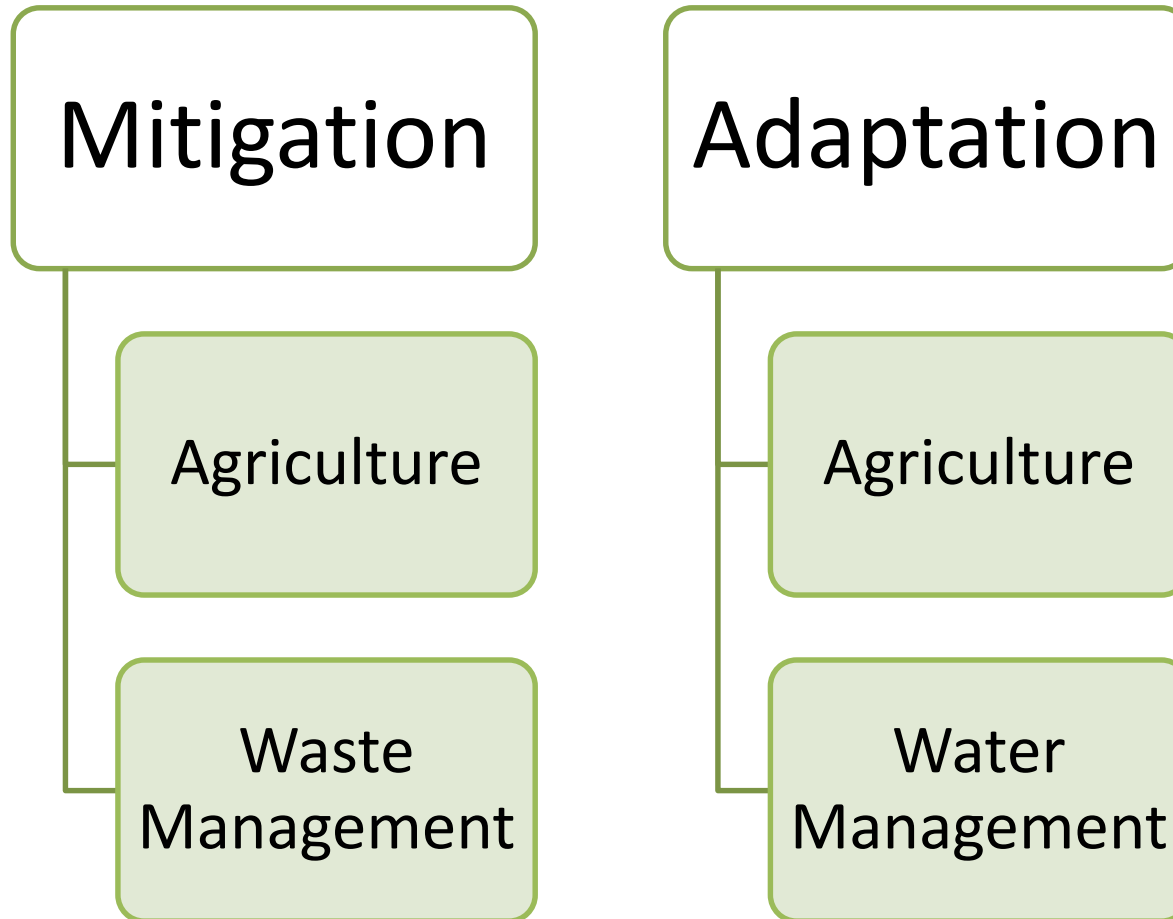


National TNA Committee

The **role of the National TNA Committee** is assigned to the **Inter-agency Commission (IAC)** on implementation of the UNFCCC. IAC is an advisory body for coordination of activities on different climate change related aspects. The commission was created by the Cabinet of Ministers of Ukraine in 1999 and includes officials at the level of Deputy Ministers of key ministries and other executive bodies, members of Ukrainian parliament, representatives of R&D institutions and NGOs.

TNA in Ukraine

Selected sectors



TNA in Ukraine

List of Prioritized technologies (preliminary results)

Agriculture (mitigation)

- Organic agriculture
- Conservation tillage technologies (low-till, no-till, strip-till, etc.)
- Biogas production from animal waste
- Use of information and telecommunication technologies in agriculture for GHGs emission reductions in agriculture
- Production and use of solid biofuels from agricultural residues

Waste Management (mitigation)

- Methane capture at landfills and waste dumps for energy production
- Waste sorting (sorting of valuable components of MSW with subsequent treatment of waste residual by other technologies)
- Closure of old waste dumps with methane destruction (flaring, biocovers, passive vent etc.)
- Mechanical-biological treatment of waste with biogas and energy production
- Anaerobic treatment (digestion) of sewage sludge
- Mechanical-biological treatment of waste with alternative fuel (SRF) production for cement industry

TNA in Ukraine

List of Prioritized technologies (preliminary results)

Agriculture (adaptation)

- Drip irrigation in the combination with conservation agriculture practices
- Agroforestry practices (shelterbelt reconstruction)
- Integrated Pest and Disease Management
- Development of an early warning system
- Interactive Integrated Land Management Maps

Water Management (adaptation)

- Climate-smart agriculture
- Drought risk assessment and mapping
- Flood hazard assessment and mapping

TNA in Ukraine

Possibility to use maps for promising technologies



Opportunities for linkages between TNA and preparation of NDC

- NDC is expected to be economy-wide, including sectors selected for the TNA (agriculture, waste and water management);
- Technologies defined by TNA are subject for consideration in development scenarios and GHG emission projections in NDC;
- Both processes are taking into consideration sectoral policies and strategies;

Opportunities for linkages between TNA and preparation of NDC

- Both projects are coordinated by the Ministry of Ecology and Natural Resources of Ukraine;
- Part of experts involved in implementation of TNA are also participate in preparation of the second NDC;
- Both processes includes wide involvement of stakeholders (state agencies, research institutions, representatives from industries, NGOs and civil society).

Opportunities for linkages between TNA and preparation of NDC

Inter-agency Committee of UNFCCC Implementation consists of representatives of executive bodies, Parliament, National Academy of Sciences and other research institutes of Ukraine and NGOs.

Main functions:

- Organization of development of the strategies and policies for implementation of Ukraine's commitments under the UNFCCC;
- Coordination of ministries and other central and local executive bodies, enterprises, institutions and organizations regarding implementation of the strategies and policies for fulfillment of Ukraine's commitments under the UNFCCC;
- Control of the implementation of strategies and policies in climate change.

Ministry of Ecology
and Natural Resources of Ukraine



Thank You for Attention!