



# **Establishing Transparency Framework for Serbia**

## **Closing Conversation with Serbia – Reflections on its CBIT Project**

16 March 2023 @ Microsoft  
Teams



REPUBLIC OF SERBIA  
Ministry of Environmental Protection

- Project duration: March 2019 – June 2022
  - ✓ 3-month project extension approved in August 2021
  
- Implementing Partner: Ministry of Environmental Protection
- Implementing Agency: UNDP
- Implementation Modality: NIM with UNDP's technical assistance
  
- Donors: GEF, UNDP and Austrian Government
- Budget:
  - GEF funds: US\$ 1,100,000**
  - UNDP** - Climate Promise initiative: **US\$ 65,000**
    - ✓ funds received and disbursed in 2020
  - Austria** – MRV system co-financing: **EUR 100,000**
    - ✓ funds for additional capacity building activities related to MRV system establishment
  
- **Main expected result of functional MRV system:**
  - better quality and timely reports to UNFCCC, and
  - better and active involvement of all institutions in NDC tracking and reporting

# Project goal

- To assist the Government of Serbia with strengthening the methodologies and tools necessary to enhance transparency as described in Article 13 of the Paris Agreement
  
- To finalize and launch a monitoring, reporting, and verification (MRV) system
  - ✓ in line with the Climate Change Law
  - ✓ to establish and maintain long term national expertise, data flows and systems
  - ✓ to provide transparent, high-quality reports
    - ❖ NDC, BUR, NC, BTR, NIR
    - ❖ National Strategies
    - ❖ and to align NDC and SDGs implementation plans
  
- The MRV system also allows Serbia to define and implement climate change-related policies and measures as expressed in its NDC effectively
  
- To inform cross sectoral decision makers and to strengthen the cross-sector collaboration

# Synergies with other ongoing projects

- GEF - funded EA for supporting the UNFCCC reporting for Serbia  
⇒ preparation of 2<sup>nd</sup> BUR and 3<sup>rd</sup> National Communication to the UNFCCC

Both projects are:

- ❖ contributing to strengthening the MoEP coordination role and enabling implementation of the CC Law
- ❖ accelerating Serbia's EU accession process + effective implementation of relevant EU Acquis and related national legal acts

- GCF - funded NAP project

- ❖ supporting the NDC revision and raising ambitions
- ❖ Creating stronger linkages between the UNFCCC requirements and other related international frameworks and agreements, such as the Sendai Framework for Disaster Risk Reduction 2015–2030
- ❖ Online and open platform developed under the NAP project on climate related data will feed in MRV IT tool

- GEF - funded project Climate Smart Urban Development Challenge

- ❖ Climate Smart Information System developed for Local Self Governments will be linked with MRV IT tool
- ❖ capacity building activities for LSGs to be organized jointly

# Main project results

- **Established inter-institutional & multi-sectorial coordination mechanism**
  - WG comprised of all relevant institutions
    - ⇒ more than **60** representatives of governmental institutions (ministries, agencies, institutes), business sector, CSOs
    - ⇒ actively involved from the beginning of the project implementation
      - ⇒ re-established after elections in 2020
    - ⇒ over 20 meetings and information sharing events were organized
  
- **3 Local Action Plans on Climate Change Adaptation and Resilience** developed
  - for Zrenjanin, Ub and Kraljevo
  - 2-day trainings for 17 LSGs within 3 river basins (Kolubara, Zapadna Morava and Gornje Podunavlje)
    - In collaboration with SCTM
    - more than 50 participants
  
- **National GHG Inventories improved**
  - further improvements of AFOLU sector of GHGI – reflected in draft 3NC
    - organic carbon (SOC) and organic soils (histosols) of GHG Inventory, for all years (1990 – 2018)
  
  - National CO<sub>2</sub> lignite emission factors developed
    - including supporting CalEF-tool for calculations of coal CO<sub>2</sub> emission factor and net calorific value (NCV)

# Main project results

- **Revision of NDC drafted** in 2020
  - based on analyses and information from draft reports of 2BUR and 3NC
  - Revised NDC submitted in 2022
  
- **NDC capacity building** through regional peer exchanges
  - in collaboration with Global Support Programme various **capacity building and knowledge sharing**

## events

1. Virtual Training on provisions for new/updated NDCs and Katowice guidance on ICTU for NDCs
2. Experiences of Serbia and North Macedonia in implementation of their CBIT projects
3. Climate Finance MRV for the Republic of Georgia
4. Trainings on improvement of GHG Inventory for Energy and Waste sectors  
=> SEPA and SORS employees successfully finalized trainings

- The **national MRV-IT system developed**: <https://vprod.umweltbundesamt.at/dccmrv/>
  - covering 6 different modules

- |                                 |                              |
|---------------------------------|------------------------------|
| 1. GHG Inventory                |                              |
| 2. Projections and Scenarios    |                              |
| 3. Policies and Measures (PaMs) | 4. Climate change Adaptation |
|                                 | 5. Climate finance and       |
|                                 | 6. NDC module                |

# Domestic MRV system



IT system has 6 different modules

Developed MPGs will support MRV system and implementation of CC Law

- regulations, agreements, rules of procedures
- clear role for each institution
- timelines for data gathering and reporting defined
- support inter-institutional collaboration beyond project lifetime
- support systematic data collection and storage

DM 16:30 - Monday, December 7, 2020

gef umweltbundesamt

### Dashboard

#### MRV-System

The Serbian Monitoring Reporting and Verification System - MRV - is enhancing transparency through the tracking and projecting of national GHG emission levels, the tracking of climate finance flows received or the impact of mitigation and adaptation actions. It provides various stakeholders proven reported data for further actions.

#### My Todos

Status	Task	Context	Due date
Overdue od 3 dana	Otpremanje novog NDC dokuma...	NDC 01.12.2020	12/4/2020
Open	Komentar na dokument NDC	NDC dokument 01.12.2020	11/30/2020

#### News

- Monday, December 7, 2020  
Homepage of the Ministry of Environmental Protection
- Saturday, December 5, 2020  
Homepage of the Environmental Agency Austria

#### My Appointments

Today

- 7 Dec 2020  
NDC - Ubacki komentare  
NDC dokument  
2020

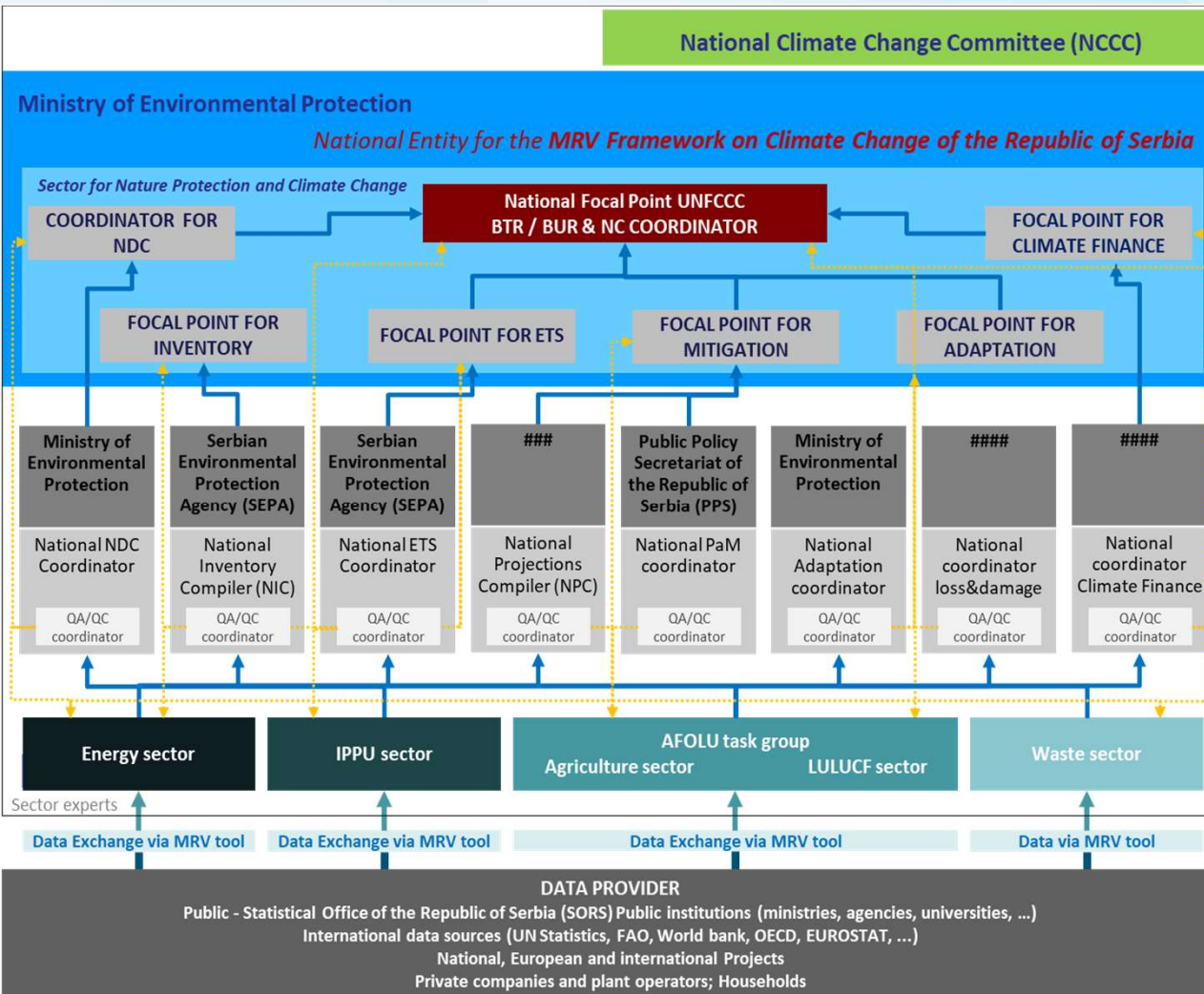
Next 7 days

- 10 Dec 2020  
GHG rok predaje  
GHG - Popis stakleničkih gasova  
2020
- 11 Dec 2020  
Ažuriraj scenarije  
Projekcije i scenariji  
2021
- 11 Dec 2020  
Pregledajte politike i mere  
PAM - politike i mere  
2021

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# Domestic MRV system



the links between the data providers, MRV IT tool, IPCC sectors and 6 different MRV-IT modules including proposal for national focal points and the reporting requirements

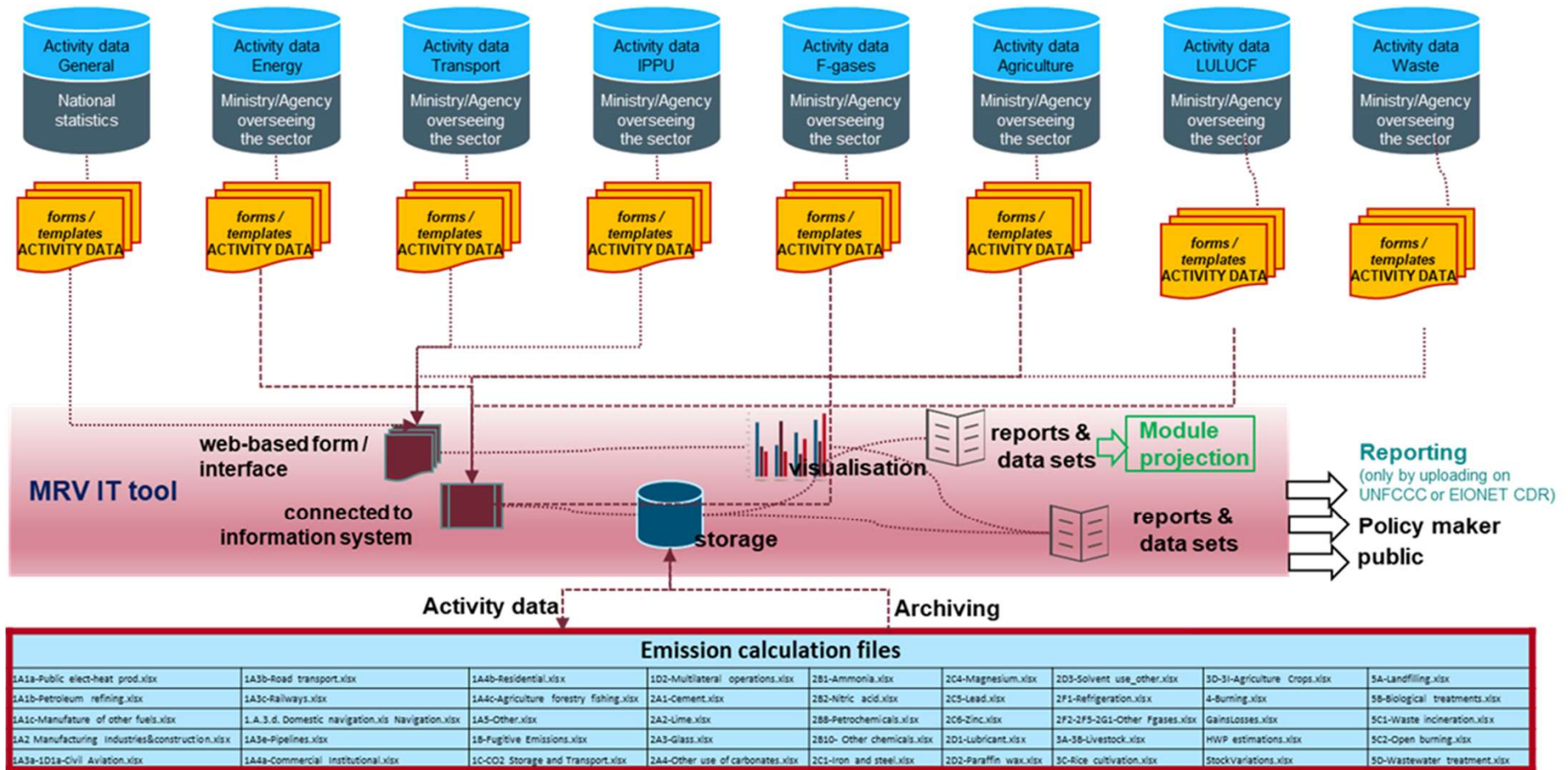
⇒ for functional MRV system it is crucial to have sufficient staff for the different roles in the future



# Domestic MRV system

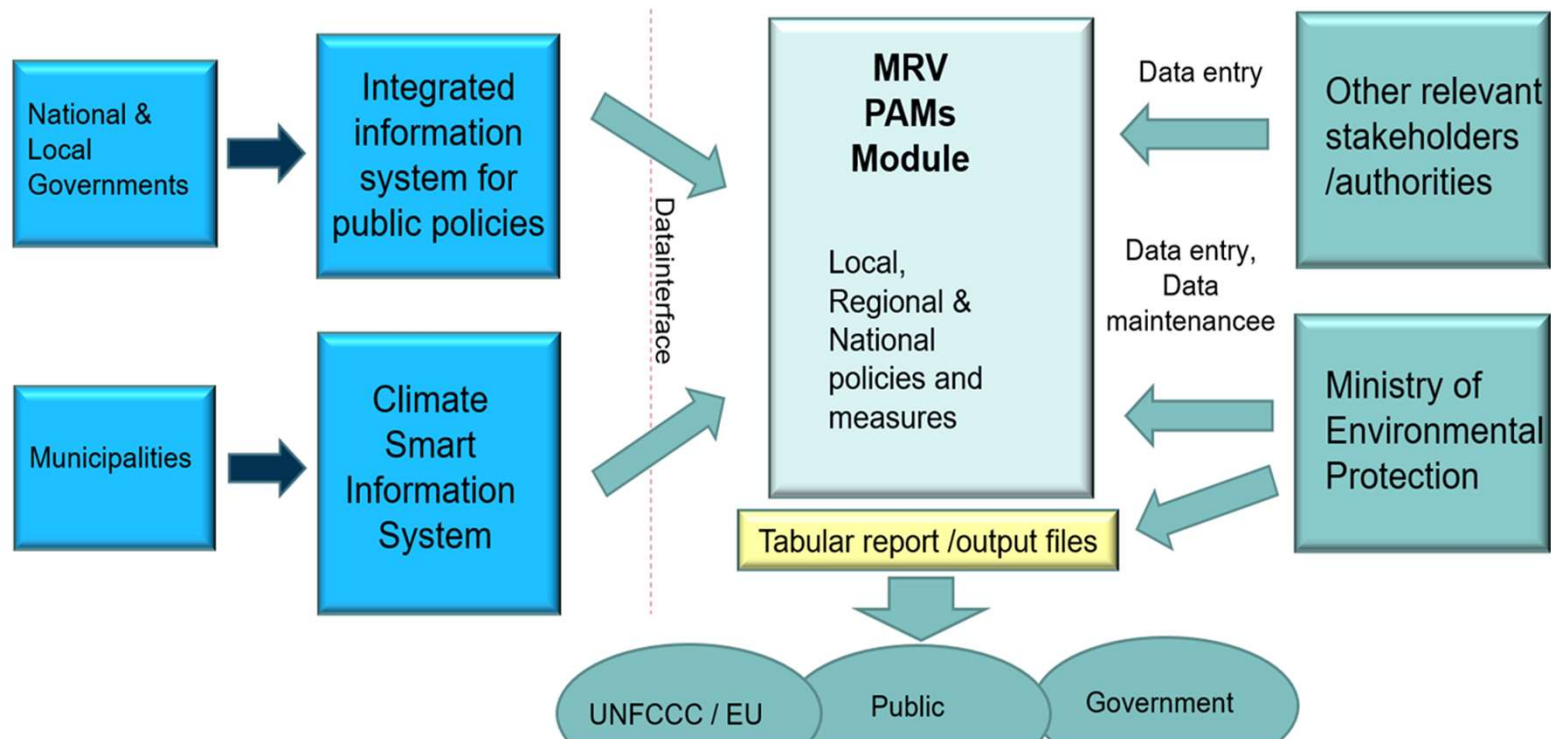


## Data transfer from Activity data provider to MRV IT tool to GHG Inventory Module



# Domestic MRV system

## Policies and measures (PAMs) module implementation



# Results



- MRV – IT system finalized and linked with new IT tools: NAP platform and CSUD IT tool for LSGs
  - All three IT systems are hosted by IT Office and eGovernment and managed in close collaboration with MoEP Climate Change Department:
    - Klimatski informacioni sistem: [www.kis.gov.rs](http://www.kis.gov.rs)
    - Digital Climate Atlas of Serbia: [www.atlasklime.gov.rs](http://www.atlasklime.gov.rs)
    - Climate-smart IT system for LSGs: [www.klimainfo.gov.rs](http://www.klimainfo.gov.rs)
  
- July - December 2021
  - ✓ hands-on trainings on MRV-IT system and enhanced transparency framework under the PA for IWG members
  
- October – December 2021
  - ✓ MRV-IT system was presented to LSGs and business in synergy with NAP-GCF project
  - ✓ more than 400 participants of 10 hybrid workshops

# Cross-cutting activities - Results

## Gender

### Gender sensitive monitoring framework established focusing on monitoring in 7 areas:

Areas	Dimensions	Mitigation indicators	Adaptation indicators
<b>Access to resources</b>	Land degradation, water pollution, air pollution, energy contribution to pollution, renewable energy, financial resources	Funding climate change projects	Access to financial markets and resources
<b>Political participation and climate change decision making</b>	Legislative, executive power, local governance, participation of delegations and relevant bodies, gender sensitive climate change terminology	Participation of women in national delegation for Chapter 27 in negotiations with EU	
<b>Economy and work</b>	General employment, major polluting industries, green economy, Energy, Transport, Agriculture	Share of men and women among farm managers implementing CC harmful practices	Share of women among family helping members on family farms
<b>Livelihood and consumption</b>	Poverty and social exclusion, Energy consumption patterns, transport and mobility patterns, household work	Consumption of solid fuel energy	Households using solid fuels by gender of household head and wealth quintiles
<b>Education</b>	Use of knowledge for mitigation, secondary education, literacy	Number of students enrolled in secondary schools with area of education relevant for CC, by gender	Percentage of men and women 15+ with only primary education
<b>Health</b>	Mortality, morbidity, sexual and reproductive health	System for protection and reaction to natural disasters	Percentage of persons died in natural disaster events, by gender
<b>Knowledge, attitudes and behaviors</b>	Energy efficient consumption, attitudes towards energy sources, concerns related to access to energy, perception on contribution to mitigation	Level of confidence in possibility of using less energy than now by gender	Worried about Serbia being dependent on fossil fuels, by gender

## Climate Promise Initiative supported:



This initial study provides overview of levels and structure of CC expenditures & recommendations for introduction of climate budget tagging



This report provides baseline analyses for leaving no one behind in the coal intensive regions and communities



Detailed assessment of Nature based Solutions (NbS) within the CCA & CCM measures proposed in revised NDC

Assessment of CCM measures of revised NDCs & recommendations for better linking climate change and air quality policies



## Education

First localized version of innovative **interactive educational tool** is prepared in Serbian

- online available @ klimatskepromene.rs

+ additional training programme for teachers proposed to the Ministry of Education, Science and TD



online seminars organized in March 2021 for more than 200 primary and secondary school teachers

## Lessons learnt

- CBIT projects are excellent opportunities for fulfillment of obligations towards UNFCCC/PA
  - NDC revision
- Stakeholders must be identified and included from the start (working groups, task forces) since ETF/MRV is a multisectoral issue
- Ensuring institutional and legal set up is in place by utilizing CBIT project
- Establishment of ETF/MRV is a continuous process, not a one-time endeavor, requires systematic effort and team work
- Capacity building is a necessity in all stages

# Conclusions and Follow up Actions



## ➤ New Project Proposals:

1. development of two Biennial Transparency Reports (BTR) and 4<sup>th</sup> National Communication
  - PPG in 2022, project implementation starts in 2023
  - First BTR should be submitted to the UNFCCC by the end of 2024
  
2. CBIT – phase 2 could focus on:
  - capacity building for global stock take in 2023
  - climate financing - CBT,
  - next NDC revision,
  - in-depth sectorial elaboration of the MRV system (for energy, agriculture, forestry, health etc...)



# Thank you

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*\*Presentation kindly prepared by the UNDP*

