



ECRAN Regional Training Seminar on National Systems for GHG inventories (and projections)

Experience and capacities in Serbia

Institutional arrangements

In terms of organizational arrangements a centralized model is proposed by the MMR Twinning project.

CURRENTLY:

- From institutional point of view, **Ministry of Agriculture and the Environmental Protection is a National Focal Point for *United Nations Framework Convention on Climate Change***, while **Inventory preparation** is under responsibility of Serbian Environment Protection Agency (**SEPA**).
- Establishment of national GHG inventory of the Republic of Serbia is stipulated by the Law on Air Protection which in Article 50 in order to monitor emissions and removals of greenhouse gases.
- In accordance with the obligations under this section in the Department of National Register of polluters sources of the Agency, in 2012 began with the establishment of the National inventory of emissions of greenhouse gases.

Institutional arrangements

Other institutions which are relevant contributors for the GHG Inventories are:

- **The Statistical Office of the Republic of Serbia (SORS)** which is publishing sectorial statistics for the Republic of Serbia (energy, industry, transport, agriculture, forestry, etc.). It is also in charge of producing the annual Serbian Energy Balance (EB) and reports those data to Eurostat and International Energy Agency (IEA).
- **Ministry of Mining and Energy (MME)** – Strategy Planning Office: Based on their own survey to energy suppliers and transformation operators, this section of the MME carries out annually a three years energy balance containing data from the previous year, the current year and a forecast for the following year. The Strategy Planning Office is also in charge of the Energy strategy.
- **Ministry of Internal Affairs** - Police: The Serbian Police is responsible of the vehicle registration and maintain the related database.
- **Customs Office**
- **Public enterprises** (PE EPS, etc.)

GHG Inventories

- The Republic of Serbia has realized in 2010 its 1st National Communication (INC) as a Non Annex 1 Party to the UNFCCC. This first inventory concerned two years of reporting, 1990 and 1998 and 2015 for projections.
- The GEF/UNDP **BUR** (including the Inventory chapter) is completed, **adopted in January** and then submitted to the UNFCCC
- At the same time, the Republic of Serbia is currently working on its GHG Inventory for the GEF/UNDP Second National Communication(SNC), which is expected to be published in 2016.
- **The BuR and SNC GHG Inventory was developed by SEPA, and later reviewed and further improved by the Faculty of Mechanical Engineering (University of Belgrade).**
- The Republic of Serbia has the challenging goal to be prepared for the Annex 1 reporting. The **SNC and the BUR will report 1990 – 2013 GHG emissions** consistent with the IPCC 2006 Guidelines in terms of methodology.
- **Projections and mitigation programme for the period till 2020, 2030** is being prepared by Faculty of Mechanical Engineering and using relevant model (**LEAP model**). **Long-term framework mitigation strategy by 2020/2030/2050**, following the EU Roadmap 2050, will be prepared.

Twinning project: Establishment of a mechanism for implementation of MMR



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Twinning partner: France

- Starting date: May 2015
- Duration: 24 months
- Budget: 1,2Mio€ (IPA2013) of which 1,0Mio€ represents EU donation
- Project Components
 1. Institutional and procedural arrangements for implementation of MMR and Decision 406/2009 established
 2. Legal framework for implementation of the Regulation (UE) 525/2013 and the monitoring and reporting requirements of Decision 406/2009/EC established
 3. Administrative and institutional capacities of the relevant bodies in the field of climate change strengthened
- Serbia established a **special MMR working group** involving all the relevant governmental institutions and stakeholders



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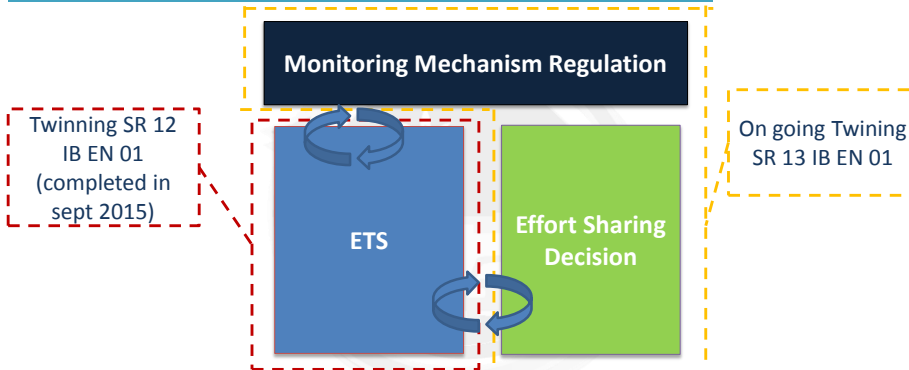


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Links with other twinning on MRV



+ Sectoral measures (CO₂ and cars, CO₂ and vans, F-Gases, Fuel quality directive, CO₂ labelling for cars)



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Пројекат суфинансира
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Твининг пројекат Европске Уније
Успостављање механизма за спровођење MMR

Twinning project
Establishment of a mechanism for implementation of MMR



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Action plan for legal framework



How to approach to the legal framework ?



Option A:

- Modification of the relevant Law on Air protection, especially to include the appropriate provisions on low-carbon and adaptation to climate change strategies, GHG reduction policies and measures, national inventory system, projections and reporting and
- Modification of the draft Law on the System of GHG Emission Reduction.

Option B:

- Adoption of the one, the so-called “parent” law, which would regulate all of the elements from point A.



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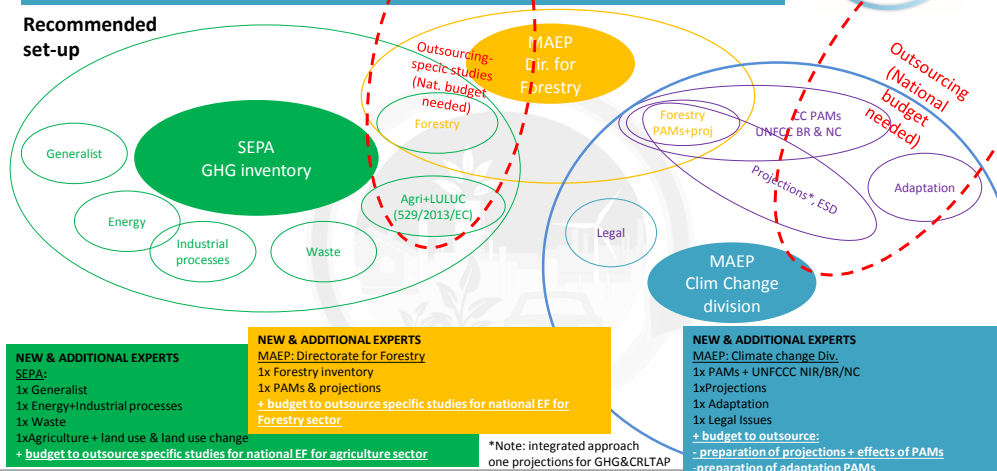
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Recommended institutional and procedural framework

Recommended set-up



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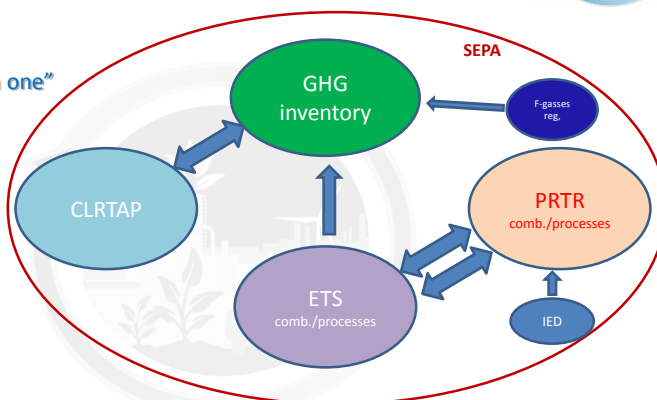
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Technical recommendation



Integrated system: "all in one"

- GHG
- CLRTAP
- Direct link/connection ETS
- ETS-PRTR-GHG link
- F-gasses reg. link



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PROPOSED STRUCTURE OF THE LAW ON CLIMATE CHANGE



I. General provisions

- Aim, Scope, Definitions, Principles

II. Strategies, programs and plans

- Low-Carbon Development Strategy, mitigation plans and/or programmes
- Climate Change Adaptation Strategy, adaptation plans and/or programmes

III. Policies and measures

- F-gasses, ODS, CO2&cars, other measures

IV. Requirements for the stationary installation and aircraft operator toward ETS (currently draft Law on the System for GHG Emission Reduction)

- GHG permit, (ETS) Monitoring and Reporting (stationary installation and aviation activities), Accreditation and Verification

V. MMR Monitoring and Reporting

- National Inventory System, Projections, Reporting

Administrative Taxes, Surveillance, Penalties, Transitional and final provisions



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TIMELINE FOR THE PREPARATION OF THE LEGAL ACTS



1. LAW ON CLIMATE CHANGE

- start: March 2016
- first draft: August 2016

2. REGULATION ON NATIONAL INVENTORY SYSTEM

- start: August 2016
- first draft: September 2016

3. ORDINANCE ON REPORTING

- start: September 2016
- first draft: November 2016

4. ORDINANCE ON GHG PROJECTIONS

- start: November 2016
- first draft: December 2016

5. REGULATION ON LULUCF (optional)

- start: December 2016
- first draft: December 2016



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SERBIA PROGRES ON ECRAN PROJECT

- 5 Country Project fiches “**Action Documents**” that are considering within the ECRAN:
 - Agriculture: Moving from Tier 1 to Tier 2 for Enteric fermentation and Manure management;
 - Waste: FOD implementation, Moving from Tier 1 to Tier 2;
 - F Gasses;
 - Transposition and implementation of the EU Decision 529/2013 (LULUCF);
 - Capacity building: 4 sectorial experts within SEPA
- **Additionally:**
 - ECRAN International Experts will check Serbian emissions from Agriculture (Enteric fermentation and Manure management) on other way than IPCC 2006 Software, which is used by SEPA, in order to define possible results differences and gaps.
 - ECRAN International Experts will propose official recommendation for National System personnel structure.

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