



# Capacity Building on Climate Change Mitigation & Adaptation

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# Environment Agency Austria

- Around 500 experts in 55 disciplines
- Internationally acknowledged experts working in the area of climate change for more than 20 years (inventories, COP, adaptation, mitigation)
- Long-term experience in capacity building and MS assistance
- Knowledge of and excellent contacts to programs and donors
- Intense contact to policy makers and stakeholders
- Long-lasting cooperation with WB countries (and countries of Eastern Partnership)
- Twinning, TA, projects financed by Austria, ..

## Austrian Training Center for National Greenhouse Gas and Air Emission Inventory Capacity Building

- We offer tailor-made support for the establishment or improvement of a national or regional emission inventory and provide support for single sectors as well as for the **national inventory system** as a whole, depending on the status of reporting and on the reporting requirements of the beneficiary country.

⇒ **Capacity building and Assistance**

[http://www.umweltbundesamt.at/en/services/services\\_climate/services\\_ghg\\_references/trainingcenter/](http://www.umweltbundesamt.at/en/services/services_climate/services_ghg_references/trainingcenter/)

# Training Center

## ■ GHG inventory

- Setting up a national system (including the institutional and procedural arrangements required).
- Collection of activity data, emission factors and all relevant information needed for final emission estimates.
- Finding appropriate sectoral methodology.
- Estimation of emissions following the UNFCCC and UNECE/LRTAP guidebooks and relevant reporting guidelines.
- Assistance in key category analysis, uncertainty analysis, emission projections and gridding of emissions.
- Preparation and improvement of national greenhouse gas and/or air emission reports for submission to the UN and/or EU.
- Identification of improvement needs.

# Training Center

- Policies & measures (NDCs, LCDS, NAMAs)
  - Development, Monitoring and Evaluation of mitigation measures and climate change programs
  - Reporting of projections and policies & measures
  - Specification of emission scenarios (2020, 2030, 2050)
  - Calculation of GHG emission projections of GHG for all sectors.
  - Support in the preparation of NDCs & LCDSs
  - Assessment of the effect of policies & measures via decomposition analysis and regression analysis

## Personal service

- Workshops
  - offered either on-site or in Vienna
- Face-to-face training
  - by national inventory compilers and sectoral experts
- Webinars
- Email, telephone and Skype
  - for efficient ad-hoc and long-term support
- Common communication and training platforms (e.g. Wiki, Moodle)



## Personal service

- Identification of improvements and training needs in peer reviews and audits of existing national inventories/inventory systems/NC/BURs:
  - Audits and assessments of institutional and procedural arrangements
  - Audits of existing QA/QC
  - Review of sectoral methodologies including input data and parameters and emission factors
  - Review of projections
  - Review of policies and measures
  
- Preparation of inventories (or parts of inventories)

# Capacity Building on Climate Change Mitigation & Adaptation

- **Funding**

Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management using Austrian climate finance budget

- **Duration**

June – December 2016

- **Beneficiary**

Western Balkan States: Albania, Bosnia and Herzegovina, Kosovo, Macedonia, Montenegro, Serbia



# Activities in the project

Workshop on training needs  
7-8 June 2016 – 23 participants

1<sup>st</sup> Technical Workshop on national systems  
26-30 September 2016 – 14 participants

7 Face-to-Face trainings in countries  
October/November 2016 – each up to 20 participants

2<sup>nd</sup> Technical Workshop on higher tier  
methods and projections  
12-15 December 2016 – 15 participants

Closing event  
16 December 2016 – 28 participants

# Checklist national inventory system (NIS)

A checklist based on UNFCCC reporting guidelines on annual GHG inventories was used to identify areas for improvements

**Table 1 Excerpt of the Checklist National inventory system (NIS)**

Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual GHG inventories			Available ?	Improvement needed	Priority level	Comment
para	Contain information of	(Decision 24/CP.19; FCCC/CP/2013/10/Add.3, Annex)	yes/ no	yes/ no	keywords	1 low 2 medium 3 high on the specific training need
<b>A. Mandate</b>						
1	use of the 2006 IPCC Guidelines	The COP, by decision 24/CP.19, adopted the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories" (UNFCCC Annex I inventory reporting guidelines) and tables of the CRF to implement the use of the 2006 IPCC Guidelines for National Greenhouse Gas inventories (2006 IPCC Guidelines).				
⋮	⋮	⋮				

# National inventory systems (NIS) Draft Implementation report

Along the checklist main elements of an implementation report were elaborated using best-practice examples of European countries .

## F. National inventory arrangements

*(Decision 24/CP.19; FCCC/CP/2013/10/Add.3, Annex)*

<i>para</i>		<i>Contain information of</i>
<b>20</b>	national inventory arrangements	<p>should implement and maintain national inventory arrangements for the estimation of anthropogenic GHG emissions by sources and removals by sinks. The national inventory arrangements include</p> <ul style="list-style-type: none"> <li>• all institutional, legal and procedural arrangements made within an Annex I Party for estimating anthropogenic emissions by sources and removals by sinks of all GHGs not controlled by the Montreal Protocol</li> <li>• for reporting and archiving inventory information.</li> </ul>

## 2<sup>nd</sup> Technical Workshop on higher tier methods and projections and Closing Event; Vienna



## Contact & Information

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Energy Community  
Environment Task Force Meeting

Vienna, 15 February 2017

Umweltbundesamt  
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