

Title:

Capacity building for WB countries:

feedback from the training on “Emissions inventory compilation: air pollutants, toxic pollutants and GHGs”

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TFEIP Web conference, 4-6 May, 2021

Organisers

The Joint Research Centre of the European Commission, Air and Climate Unit organised the training on "Emissions inventory compilation: air pollutants, toxic pollutants and GHGs" on 5-6 November 2020.

Framework: “Enlargement and Integrated Action (E&I Action)” and “Air and Climate in the Western Balkans” work package of the “Air pollution in policy and research” (AIR) project.

Joint activity:

- The Emissions Database for Global Atmospheric Research (EDGAR) of JRC/EC
- Task Force on Emission Inventories and Projections (TFEIP) of EMEP/LRTAP Conventions
- UNFCCC Secretariat/Transparency Division

Participants and topics

Participants: emissions country experts from the Western Balkans region
Serbia, Montenegro, Kosovo, Bosnia & Herzegovina, North Macedonia and Albania (19 experts).

Trainers: EC/JRC/EDGAR (1), CLRTAP/EMEP/TFEIP(4), UNFCCC (2) and EMISIA/Copert (1)

Topics included:

- Requirements for national emissions reporting under the LRTAP Convention
- Requirements for national emissions reporting under the UNFCCC
- Progress and achievements in Western Balkans countries
- Emissions compilation by sector: agriculture, power generation, small combustion and transport
- EDGAR methodology for emissions inventories
- Practical applications: part 1 “GHGs emissions reporting: working with CRF” and part 2 “Air and toxic pollutants: emissions estimation”

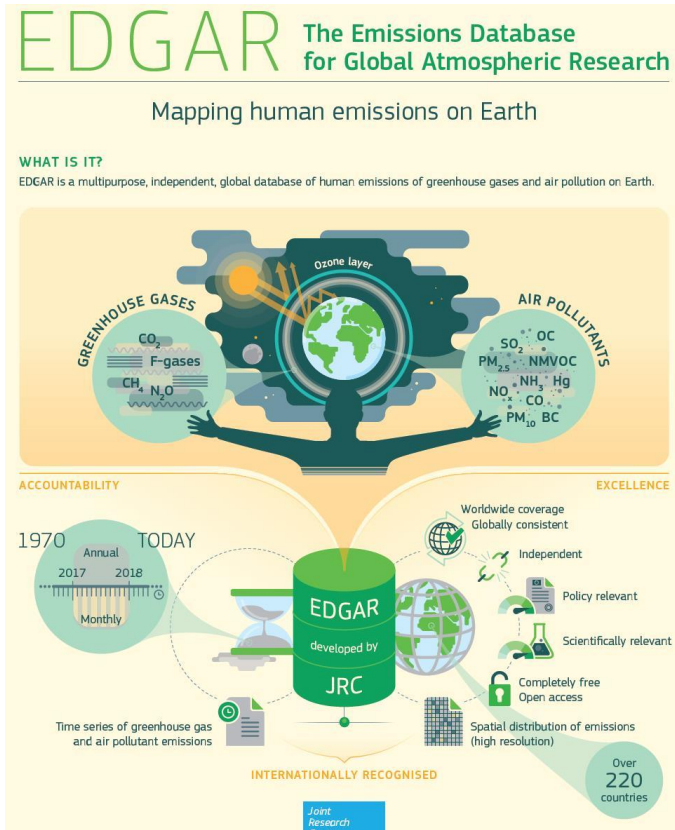
Feedback from the participants

The uniqueness of this event consisted of:

- focussing on GHGs, air pollutants and toxic pollutants emissions estimations that are internationally addressed by different conventions
- setting up this event as a joint activity EDGAR (independent global emissions inventory)/CLRTAP/UNFCCC
- inviting experts involved in emission compilation and reporting from each WB country
- widening the possibilities of learning and exchange expertise by inviting experts from each country in the Western Balkans region; the experts had the possibility to learn from each other.

Country	Question 1: How useful was this training for your work on emissions compilation?	Question 2: Are there other needs to improve further your skills and knowledge?
Albania	We see it as very important, and as a bridge for our countries to look at the possibility of building their own inventories and not through projects.	However, we need to work harder on something concrete, addressing the issue from start to finish. Also in my view, based on my experience with the inventories, we need a lot of further training on how to QA/QC and how to prepare an accurate report for reporting.
Kosovo	This training was very important for us, because we got acquainted with the experience of experts who presented their work, as well as from the presentations of our neighbouring countries, we gained a lot of information, which will help us in our work during the compilation.	Of course, we need more training like this, especially focused on how to use EMEP Guidebook the part that explains Tier methodology and also we need more training on how to use different software's e.g Copert etc.
Bosnia and Herzegovina	<p>The training was very useful for our inventory team due to exchange experience with neighbouring countries and their examples of institutional arrangement and inventory set up.</p> <p>It was very helpful to see additional sources of information and activity data and other inventory calculation (EDGAR) to compare national inventory.</p> <p>It was important to see new COPERT V and differences related to COPERT IV.</p>	<p>Due to lack of activity data especially in waste sector it is very important for us to improve skills in data and emission estimations and expert judgement.</p> <p>We also need capacity building in development national EF and unique tool (an example in Montenegro) to calculate GHG and air quality inventory together.</p> <p>We also need to improve knowledge in spatial distribution of emissions according to requirements of NECD.</p>
Serbia	It was useful to hear and see the experiences of other countries in the area, because we all have more or less similar problems and challenges in Emissions inventory compilation. In that sense, it was useful to see how other countries approach solving the problems.	In Serbia, we have a special challenge that we are understaffed, so it is necessary to constantly improve skills and knowledge in all sectors.
Montenegro	<p>It was very useful training due to we are in Montenegro struggling with lack of capacity. Despite that we are trying to find good solutions for both Inventories and this kind of training is one of that.</p> <p>The workshop was very useful, because I had the opportunity to get acquainted in detail with the mechanism of data collection and processing, as well as interpretation and making conclusions. I deal with air quality, drafting reports on immissions and making conclusions about the source of pollution as well as proposing measures to solve these problems, so this workshop has very positive feedback from me.</p>	<p>Of course we have to do lot of additional things with our Inventories, such as grided emissions e.t.c but I think the best solutions for that is bilateral cooperation and training trough the work.</p> <p>Organise a workshop for all participants in the air quality management process, both those dealing with inventory and those dealing with immissions. Adapt the topics to the common interest for better cooperation and understanding of both processes.</p>
North Macedonia (COVID_19 affected, feedback from only one participant Day2)	The topics were very interesting and widely covered with a lot of useful information in them.	<p>In the future, I would like such workshops related to the GHG inventory to be more frequent and with slightly more complex examples than those of this workshop.</p> <p>Overall, I am very pleased with what was covered on the training.</p>

Follow up: 2022



<https://edgar.jrc.ec.europa.eu/>

A training on “**emissions distribution**” will be organised under new EC/JRC project “Supporting the Green Deal in the Western Balkans”.

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Thank you



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Figures, source: JRC elaboration