

Training session on gridded inventories

For Moldovan experts

Chisinau, 30 oct. - 1. Nov. 2018

Programme

About Colas ROBERT

Colas ROBERT is currently working within the greenhouse gas and air pollutants inventory compiler team of France, in the organisation Citepa. He is part of the team the deal with AFOLU sectors (Agriculture, Forestry, Land-Use) as well as food and beverages industry sector. He has a PhD in Geography and conduct studies for mapping and spatial analysis. He conducted a UNECE training mission for Georgia concerning the EMEP gridded inventory in 2017.

Materials and data needs for the training

For the purpose of the training, participants should prepare:

- computers
- GIS software (participants can download the free opensource software “QGis” at <https://qgis.org/en/site/forusers/download.html>)
- list of spatial datasets already available: industry surveys, maps of industrial sites, maps of roads, maps of train lines, land use maps...

Translation

The training will be taught in English
EN-MD / MD-EN interpretation will be provided.

Participants

8 national experts (including 2 experts on GIS) will participate in the training.

Programme (hours are indicative)

Day 1. Tue. 30 oct.

Morning

10h Introduction; Overview of the training session. Presentation of participants and background.

10h15. SESSION 1: the UNECE Air Convention and Reporting obligations; Context of the EMEP gridded inventories

11h SESSION 2: Principles. Consistent approach with existing inventory; Key principles and technics for spatializing; Specific tools; Specific datasets and data formats

11h30 Coffee break

11h45 Discussion about Moldovan team organization, tools, experience, needs (data, skills, ...). Presentation of national datasets. Filling of the Action Plan.

13h Lunch break

Afternoon

14h00 SESSION 3 GIS, the new EMEP grid.

First gathering of data and organization of files / dossiers

Sectors by sector list of data, choice of spatialization, date of data...

Filling of the action plan

Day 2. Wed. 31 oct.

Morning

10h SESSION 4 : point or stationary sources

11h30 Coffee break

13h Lunch break

Afternoon

14h00 SESSION 5 Linear sources

practical workshop and exercices, work with national datasets

Day 3. Fri. 1 nov.

Morning

10h SESSION 6 area sources

practical workshop and exercices, work with national datasets

Afternoon

14h00 Session 7 JRC webtool

Session 8 results , quality controls

Session 9 Recommendations and Action Plan

Conclusions

The programme for the practical work on day 2 and day 3 is indicative : it will be adapted to national specificities, available datasets.