

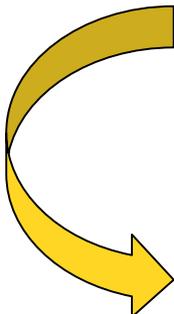


# THE EMEP/EEA GUIDEBOOK UPDATE PROJECT Introduction and Drivers

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**Air pollution** is still of major concern in the EU, causing significant damage to human health the environment and EU's economy.



**The 2013 Clean Air Policy Package** is the Commission response to the air pollution challenge.

The package in particular include a new National Emission Ceilings Directive (new NECD) replacing the current National Emission Ceilings Directive (2001/81/EC) and a new Medium Combustion Plants Directive as well as a proposal for EU ratification of the 2012 amendment of the Gothenburg Protocol under the UNECE Long-Range Transboundary Air Pollution (LRTAP) Convention

The overall aim of this assignment is to **improve policy implementation and progress monitoring**



Full implementation of already existing policies and legislation requires a **correct and timely reporting** of emission inventories of air pollutants that are transparent, consistent, comparable, complete and accurate that needed both for the compliance checking under the current and new NECD as well as for effective air pollution management.

# UPDATES OF THE GB



The joint EMEP/EEA **Emission Inventory Guidebook** is the central reference manual used to support Member States' preparations and reporting of emission inventory under the current and new NECD and the LRTAP Convention.

The GB **requires periodic updates** to ensure that the most up-to-date knowledge and understanding of emissions is made available for national emission inventory compilers.



This process is lead and managed by TFEIP which regularly reviews the needs for updates of the GB and incorporates those needs in a rolling work programme (**Guidebook maintenance plan: 2014**).

**The EC has commissioned Ricardo-AEA Ltd, Aether Ltd and AMEC** to carry out improvements to inventory methodologies in a number of key areas identified by the Task Force on Emission Inventories and Projections (TFEIP) and other bodies.



In addition to these areas, the Commission has identified other tasks related to the 2012 amendments of the Gothenburg Protocol, specifically on the definitions of "sulphur" and SO<sub>x</sub>/SO<sub>2</sub> and Black Carbon and their use in developing and reporting emission inventories.

**The project aims to** bring the following priority areas of the GB up to date:

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1. Methodologies and emission factors for **small-scale combustion**
  2. Methodologies and emission factors for **non-road mobile machinery**
  3. Quality of the **PM** inventory estimates
  4. Emission inventory estimates for **agriculture**
  5. Quality of **SO<sub>x</sub>/SO<sub>2</sub> and black carbon** inventory estimates and reporting

*These improvements will take the form of:*



- *Updating and/or introducing new emission factors*
- *Further development of existing methodologies*
- *Creation of new methodologies*

# WORK PROGRAMME



## WORK PROGRAMME

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	
TFEIP scheduled meetings																		
<b>Work programme (approximate)</b>																		
Gap analysis																		
Issue summary paper for consultation			◇															
Consultation 1: Key references/issues																		
Literature search & review																		
Development of updated methodologies																		
Draft updated Guidebook text																		
Draft updated database																		
Issue draft Guidebook for consultation										◇								
Consultation 2: Draft Guidebook																		
Edit and finalise Guidebook text																		
Submit updated Guidebook to Commission																		◇
Submit updated Guidebook to TFEIP																		◇
Submit updated database to EEA																		◇
Meetings with European Commission																		
Contingency period																		

The aim of the assignment is to **support the work of the TFEIP**



- The **TF will be involved at all stages of the project** and the final delivery will be discussed and agreed in the TF and EMEP before changes are made to the GB.
- Still the **contributions from the experts** is needed for the success of the project .