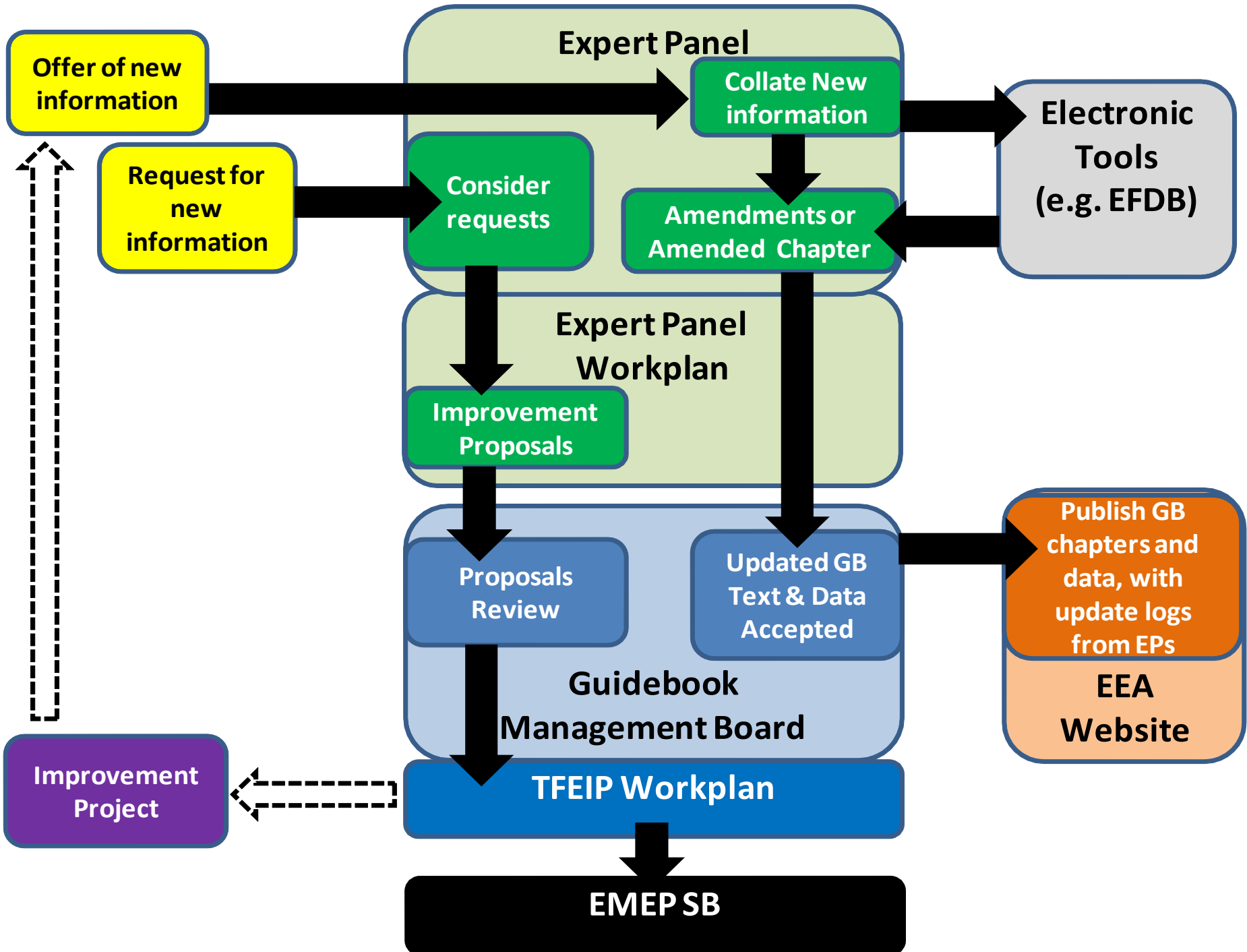




# **An Update from the Task Force on Emission Inventories and Projections**

**Chris Dore**



# Guidebook Management

- Priority improvements list in MIP
- 3 Yearly Guidebook update cycle
  - Scheduled for 2012 (assuming suitable resources)
- Some amendments this year (for approval)
  - 1.A.1 Energy industries
  - 1.A.3.b Road transport
  - 1.A.3.d Navigation
  - 1.A.4 Other mobile
  - 1.B.2.a.i, 1.B.2.b Exploration, production & natural gas
  - 1.B.2.a.iv Refining, storage and
  - 1.B.2.a.v Distribution of oil products.

# Review and Reporting

- **Stage 3 Inventory Review**
  - Shortage of Reviewers
- **Informative Inventory Reports**
  - “Carrot, not stick”



# Review and Reporting

- **Stage 3 Inventory Review**
  - Shortage of Reviewers
- **Informative Inventory Reports**
  - “Carrot, not stick”
  - Clear statement of importance
  - Raises awareness and demonstrates excellence within Government
  - Introduces healthy competition

# Joint Workshop with TFMM

## 1. Wood Burning & uncertain PM sources

Suggest that Ad Hoc WG on BC- create a “roadmap” for BC emission inventories, and also consider “brown carbon”.

The more you invest in surveys... the better you can quantify your estimates.

It would be helpful if international energy agencies co-ordinated surveys, and used consistent definitions.

**Improve the meta-data provided with emission factors.**

# Joint Workshop with TFMM

## 2. Uncertainties in Emission Estimates and Measurement

There is an opportunity to use existing measurements to improve current emissions estimates.

There are alternatives to the Monte-Carlo approach.

Point source data should be accompanied with point specific uncertainties.

Measurement strategy is important in minimizing uncertainties.

Automated systems still needs human expertise for validation.

**Improve communication between different communities  
(measurement, emissions, modeling).**

# Joint Workshop with TFMM

## 3. Metals- Emissions and Models

Resuspension remains an area to explore further

Some countries are clear candidates for improving their emission estimates.

Communicate to Parties the results from the International projects.



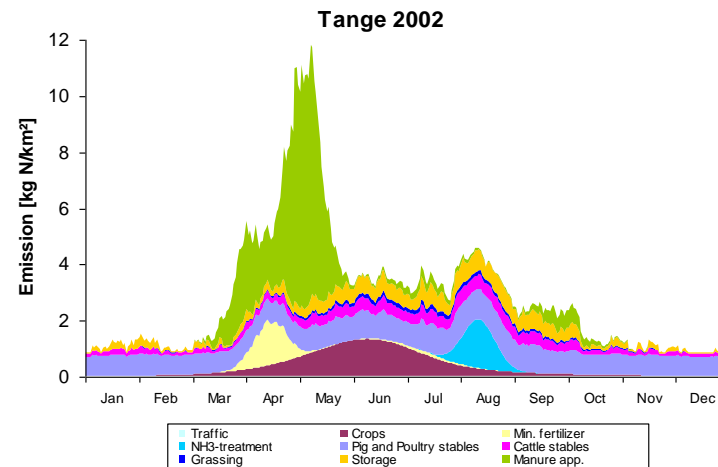
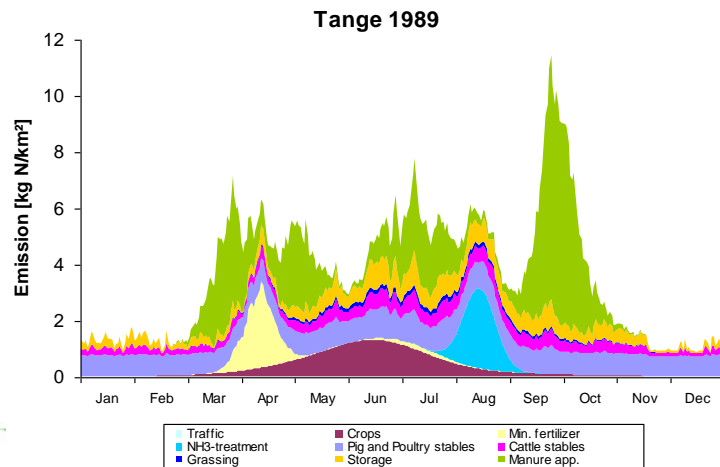
# Joint Workshop with TFMM

## 4. Short-term Fluctuations in Emissions

Much more data and man time intensive.

The TFEIP (and EMEP) should consider dedicating time to investigate the importance of this area.

Consider whether, and how, approaches could be publicised within the EMEP area.



# Joint Workshop with TFMM

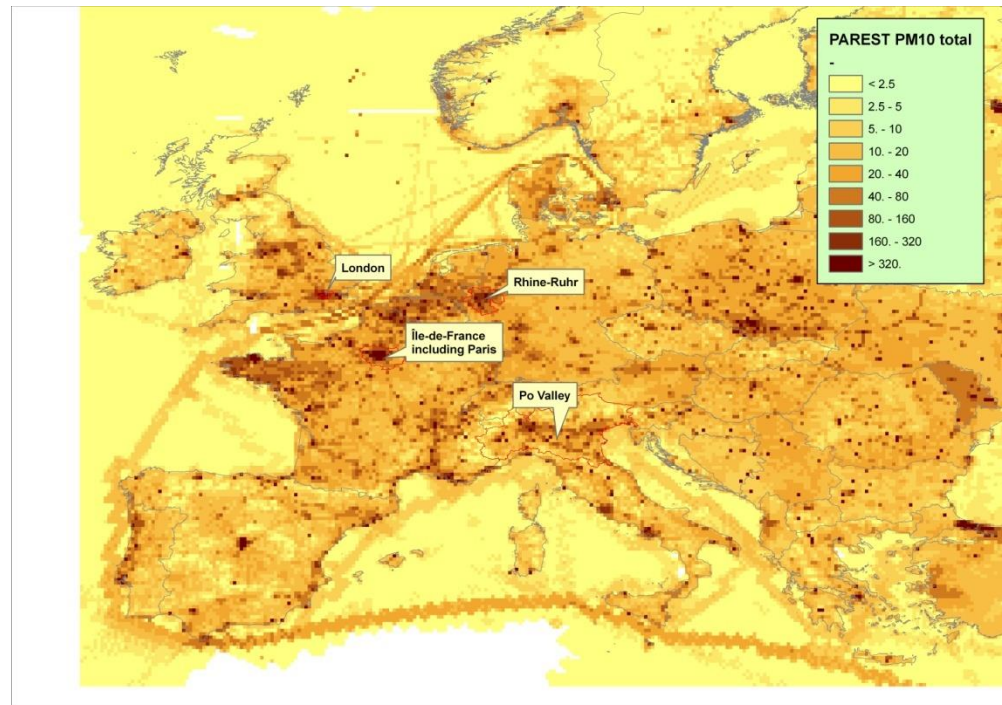
## 5. Emission Maps from Different Sources

There is a clear need for reliable emission maps for modeling.

Current reporting is not comprehensive.

In addition, results from research projects and official reporting are not consistent.

This causes difficulties.



# Focus of Future Work 1

1. Annual TFEIP Meeting in Stockholm, May 2011. Workshop on emissions gridding and mapping in 2011.
2. Support to the technical aspects of the revision of the Gothenburg Protocol.
3. Work closely with other TF's/groups. In particular:
  - TFRN on NH<sub>3</sub> emissions;
  - Future BC work, as resources allow.
4. Where possible, work to support countries that are not providing submissions of sufficient quality.

# Focus of Future Work 2

5. Capture relevant new data on emissions from wood combustion.
6. Continue to explore new ways of delivering improvements and increased support/participation.
7. Improve communications and outreach
  - Reworked TFEIP Website (discussion forum, outreach, self-management etc.)
  - Newsletter etc.

# http://www.tfeip-secretariat.org/


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**TFEIP** TASK FORCE ON EMISSION INVENTORIES & PROJECTIONS

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CONTACTS LINKS FORUMS


Welcome to the website of the Task Force on Emission Inventories and Projections (TFEIP) under the [UNECE Convention on Long-range Transboundary Air Pollution](#).

The TFEIP supports Parties in the reporting of official air pollutant emissions and projections data to the Convention. It also provides a technical forum and expert network to identify emission factors, establish methodologies for the estimation of emissions, and identify problems related to data reporting.

The TFEIP website contains information about the Task Force and the work of its expert panels, including documents from past meetings. More information on the TFEIP may be found on the [About TFEIP](#) page.



Meetings



Newsletters

**Latest News**

**New Website Launched**  
We are delighted to announce the launch of the new TFEIP website.  
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**Expert Review Meeting 2010**  
Two expert review teams met in Copenhagen at the end of June to perform the annual detailed review of emission inventories.  
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**Meeting Presentations and Conclusions from the May 2010 TFEIP Cyprus Meeting**  
Presentations and conclusions from the [2010 TFEIP Cyprus meeting](#) are now available.