

Emission Inventorying Tools

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Capacity Building Workshop on Emission Inventories

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European Topic Centre
on Air and Climate Change

Outline

- Technical overview of reporting process
- Tools to support this project in your country
- *Vigdis will show some tools developed at the receiving end of the process.*



International reporting: three separate functions?

Database compiling	Database format MS Access National database
Reporting & summarizing	Standardized tables “CRF” “NFR”
Data transfer	Flat file formats ASCII <u>XML</u>



Overview of tools

- Emission Estimation tools:

AE-DEM

- Copert
- **EstimatER**
- Guidance
 - Guidebook
 - 1996 IPCC Guidelines (presently being updated)
 - IPCC Emission Factor Database: EFDB
 - US AP42 etc

- Database tools

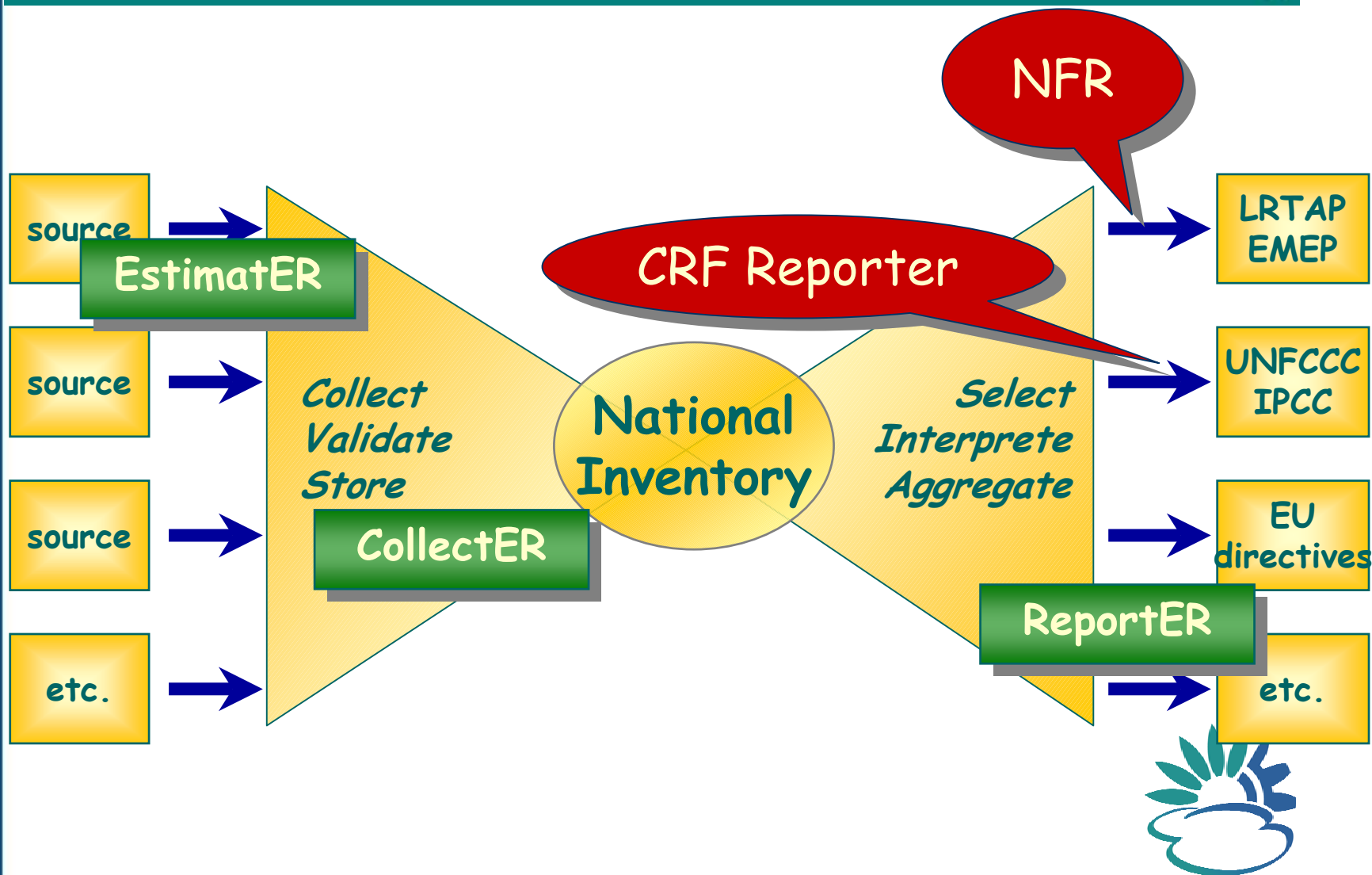
- **CollectER**

- Reporting tools

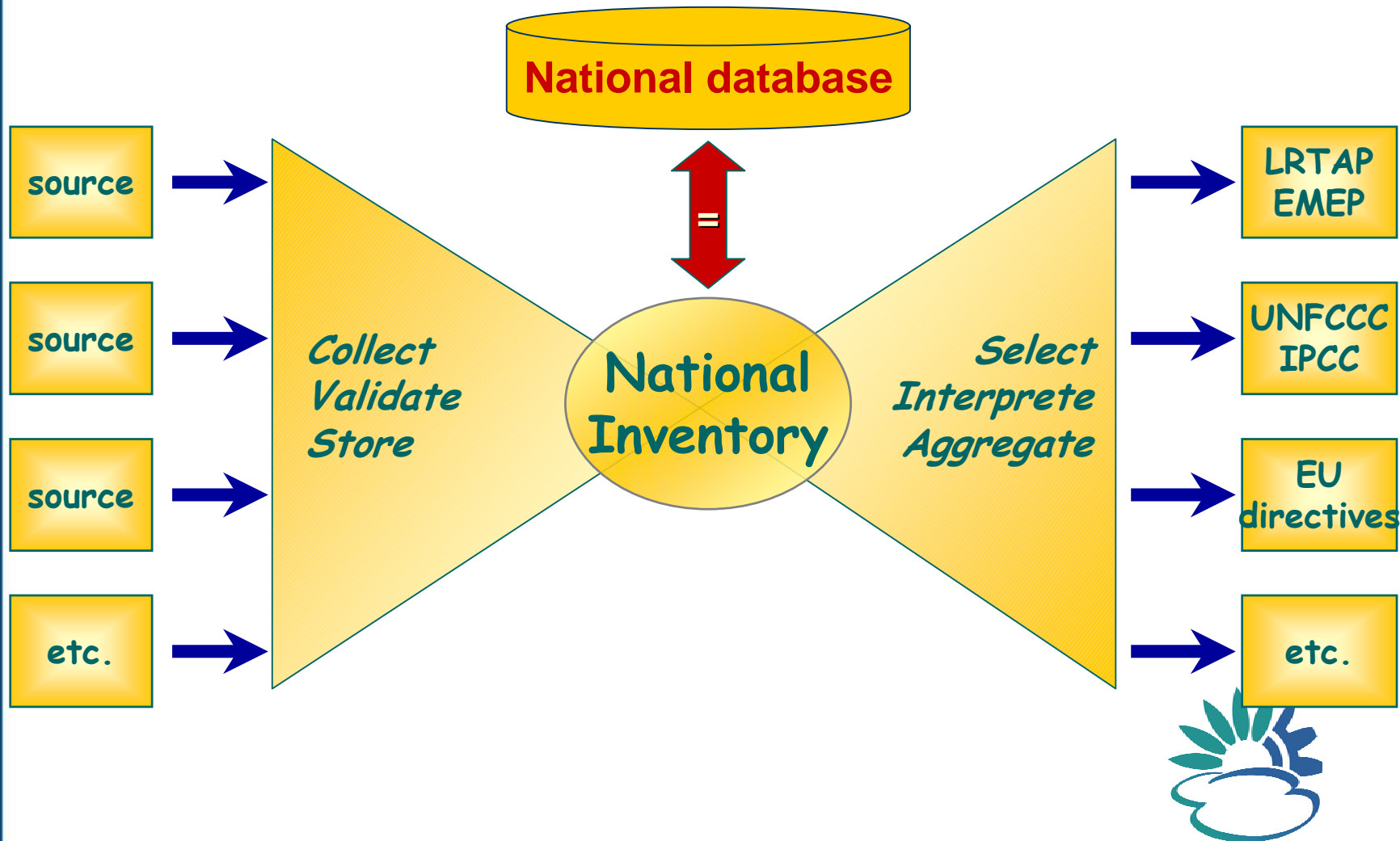
- **ReportER**
- CRF ReportER



AE-DEM tools



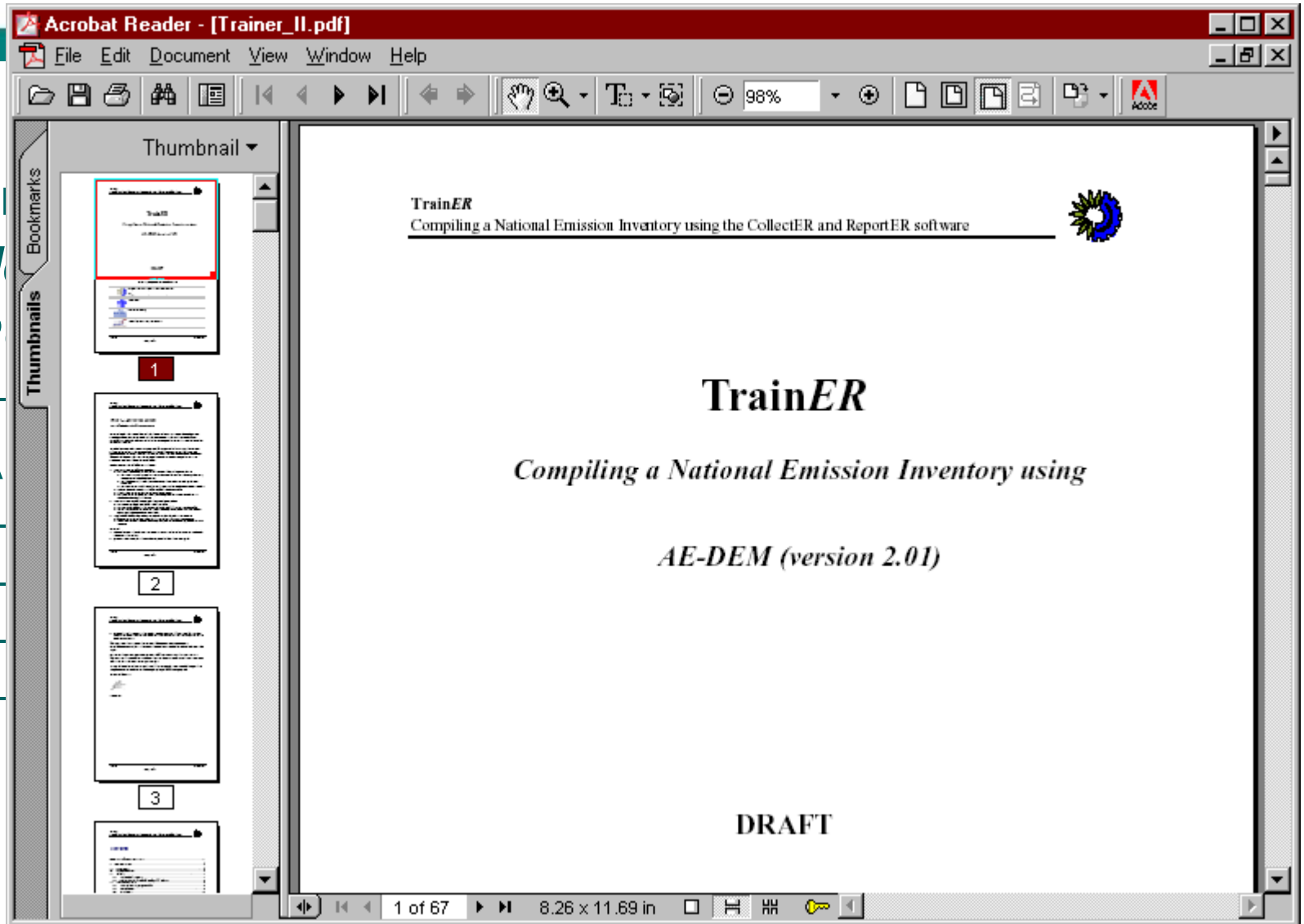
AE-DEM tools



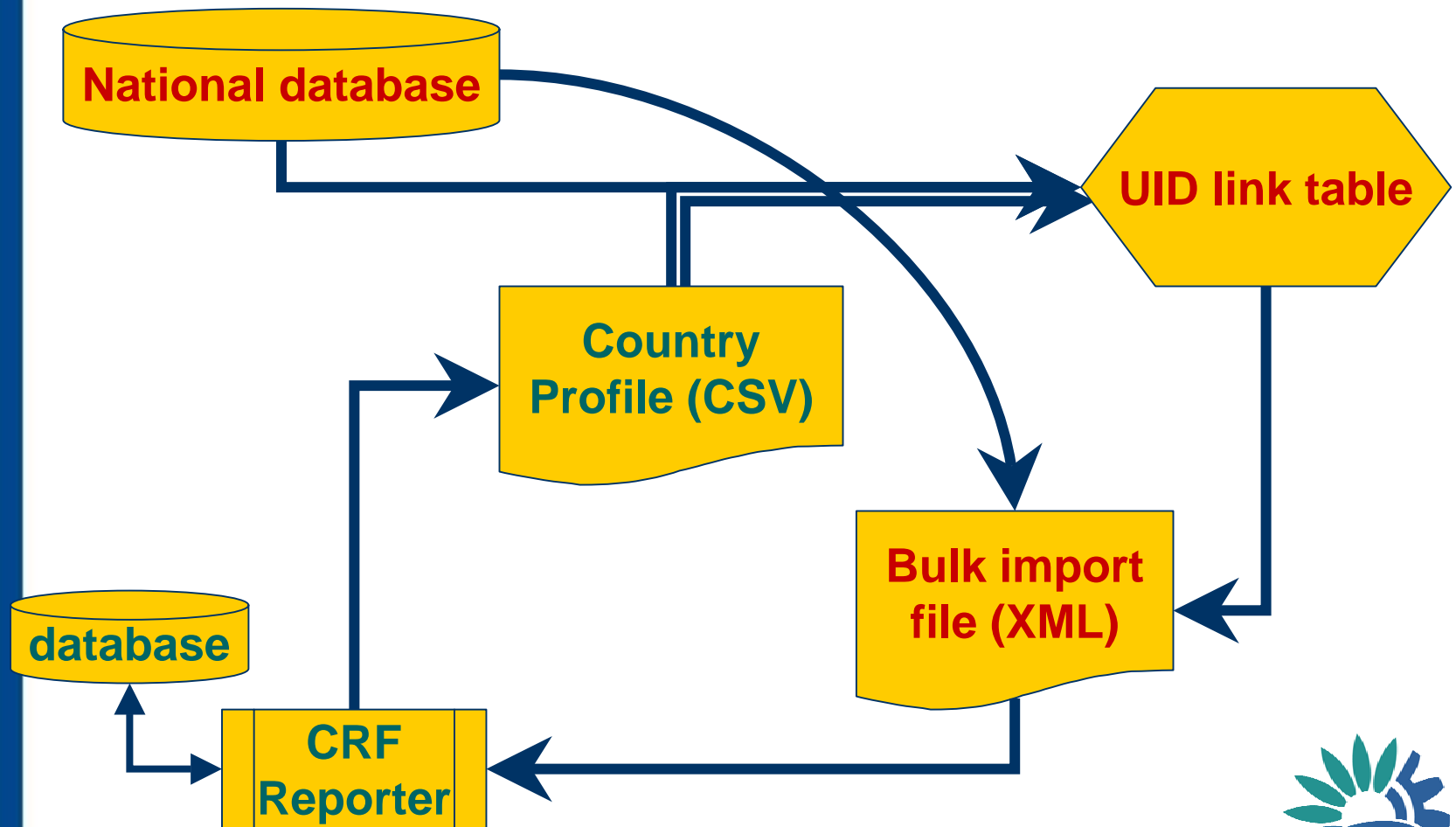
TrainER

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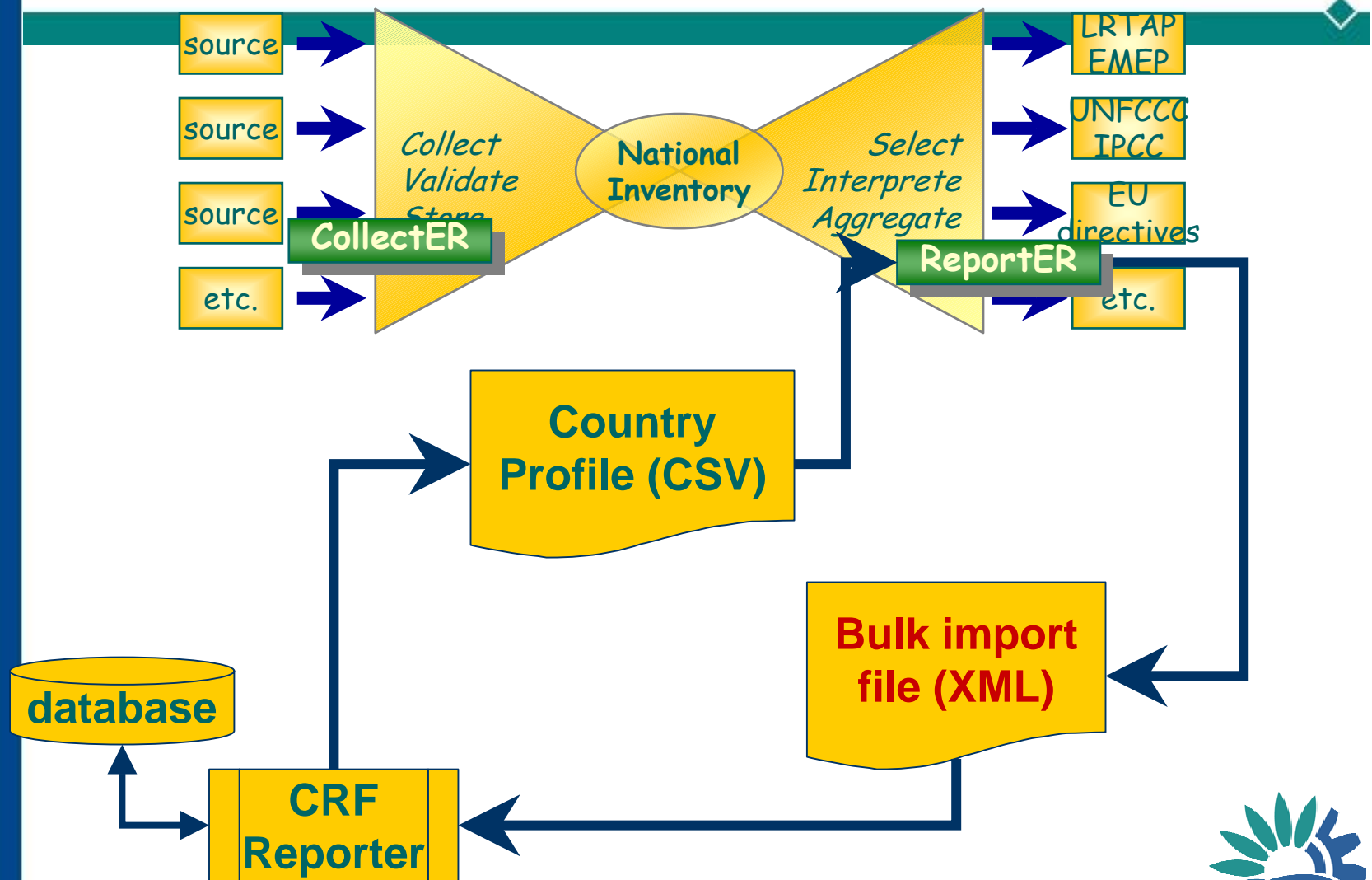
- P
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CRF Reporter Bulk import process



Bulk import process in AE-DEM



Useful web resources

- LRTAP
 - The EMEP / CORINAIR Guidebook can be found at: <http://reports.eea.eu.int/EMEPCORINAIR4/en>
 - The Guidebook is developed by the EMEP Task Force on Emission Inventories and Projections. The secretariat of this taskforce has a web site at: <http://tfeip-secretariat.org/unece.htm>. You can find further information on the work on the Guidebook also at this website.
 - US AP 42 <http://www.epa.gov/ttn/chief/>
- UNFCCC/IPCC inventorying support documents:
 - The 1996 Guidelines at: <http://www.ipcc-nggip.iges.or.jp/public/gl/invs1.htm>
 - The 2000 Good Practice Guidance at: <http://www.ipcc-nggip.iges.or.jp/public/gp/gpgaum.htm>
 - The 2003 GPG for LULUCF at: <http://www.ipcc-nggip.iges.or.jp/public/gpglulucf/gpglulucf.htm>
 - The Emission Factor Database at: <http://www.ipcc-nggip.iges.or.jp/EFDB/main.php>



ETC/ACC - Microsoft Internet Explorer provided by TNO-MEP - [Working Offline]


File Edit View Favorites Tools Help

Address <http://etc-acc.eionet.eu.int/> Go

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European Topic Centre on Air and Climate Change

Topic Centre of European Environment Agency



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Welcome

The European Topic Centre on Air and Climate Change (ETC/ACC) has been established by EEA in 2001. This centre builds on the experience gained by the former ETC's on Air Emissions and Air Quality. The scope of the ETC/ACC will be broadened by:

- the inclusion of the climate change issue,
- an increased coverage of (integrated) assessment,
- the geographical extension of the EU area,

with the goal to support the EEA in all its tasks as far as air and climate change issues are concerned. [\(more...\)](#)

Services

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What's new

- ◆ [Release of EMEP/CORINAIR Atmospheric Emissions Inventory Guidebook - 3rd Edition.](#)
The Guidebook is intended for general reference and for use by parties to the Convention on Long Range Transboundary Air Pollution for reporting to the UNECE Secretariat in Geneva. [\(more...\)](#)
- ◆ [First Announcement: 3rd UN ECE Task Force & EIONET Workshop on Emission](#)

EIONET News

[Appointment of new EEA Director postponed](#)
in EEA Management Board meeting today.

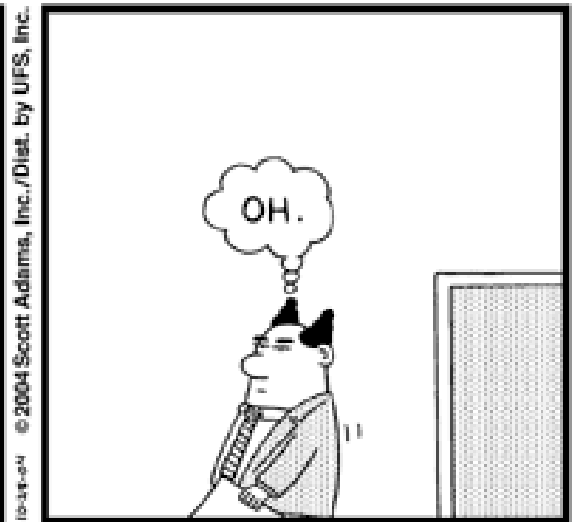
[eEIONET Work Conference 2002](#)
Call for proposals to host the meeting has been released.

<http://etc-acc.eionet.eu.int/databases> Internet

Thank you



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Any questions?

