

# TFEIP EFDB

## A pilot web application

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Thessaloniki, 31/10 to 02/11 2006*



European Environment Agency  
European Topic Centre on Air and Climate Change



# Outline



- Objective
- The system
  - Browsing the database
  - Populating the database
  - Reviewing by Expert Panels
- Demonstration
  - Find an emission factor
  - Propose a new emission factor
  - Review a proposal
  - View status of proposed emission factors
- Conclusions



# Background

## Why a TFEIP EFDB



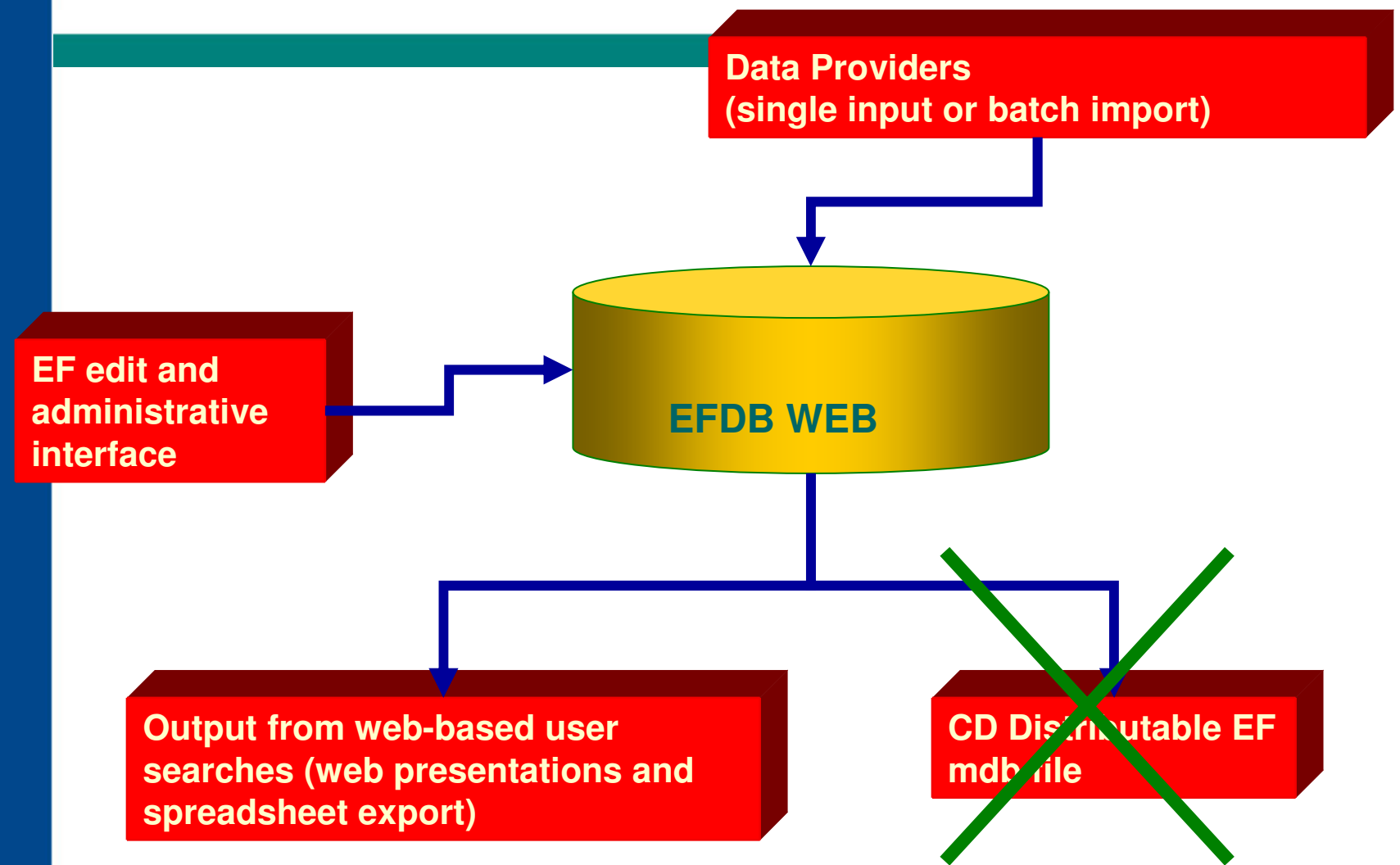
- Need for EFs that reflect national circumstances.
  - Development of such EFs
    - is costly,
    - is time consuming,
    - requires much expertise.
  - Updating EFs in the Guidebook is slow and difficult

- Expectation of TFEIP: **“An always up-to-date companion of the Guidelines Guidebook”**
  - Guidebook users:
    - Easy access via web based data retrieval
  - Guidebook developers:
    - Provide a forum for the Expert Panels
    - Automated EF review and publication



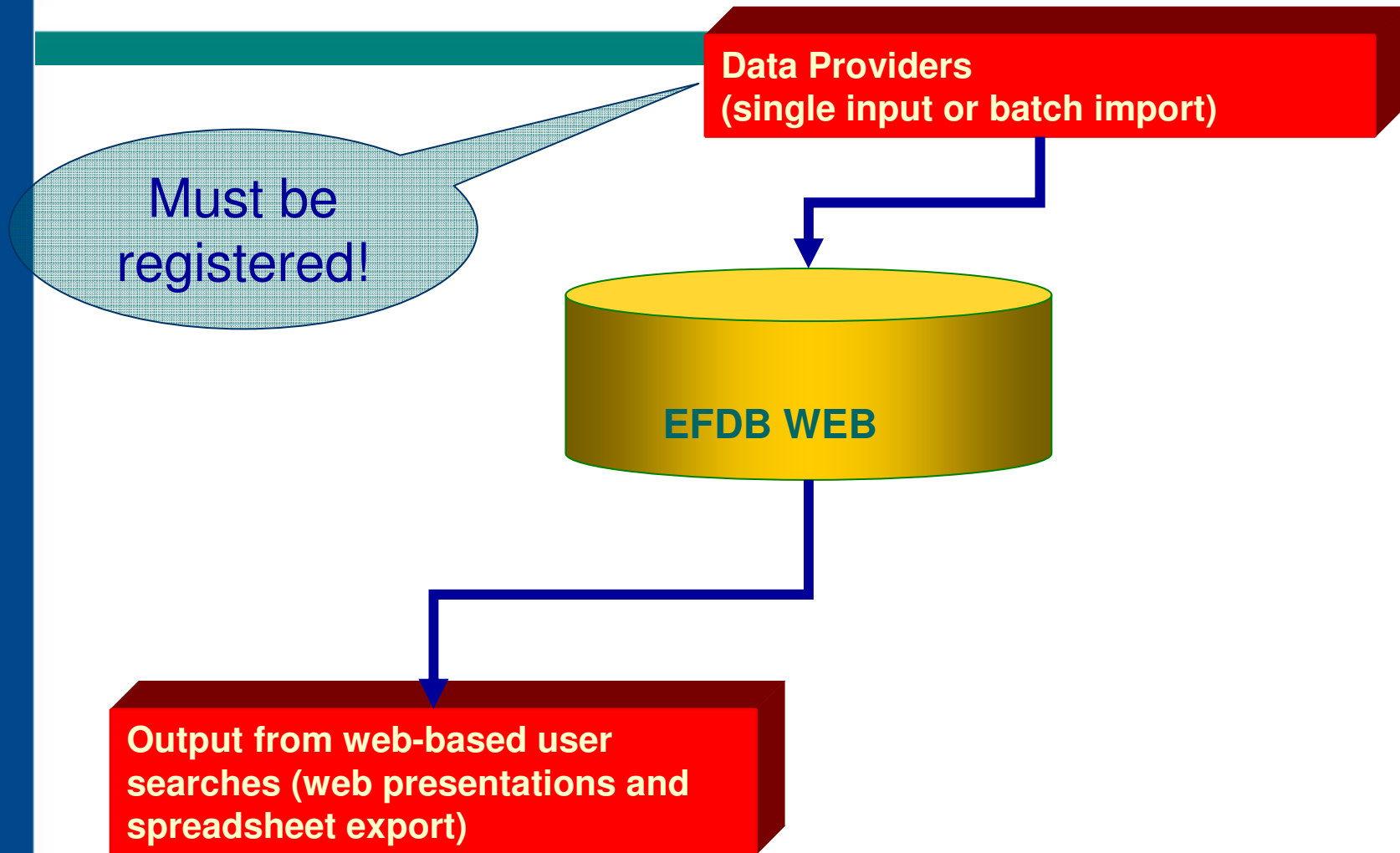
# The system

## Web based database



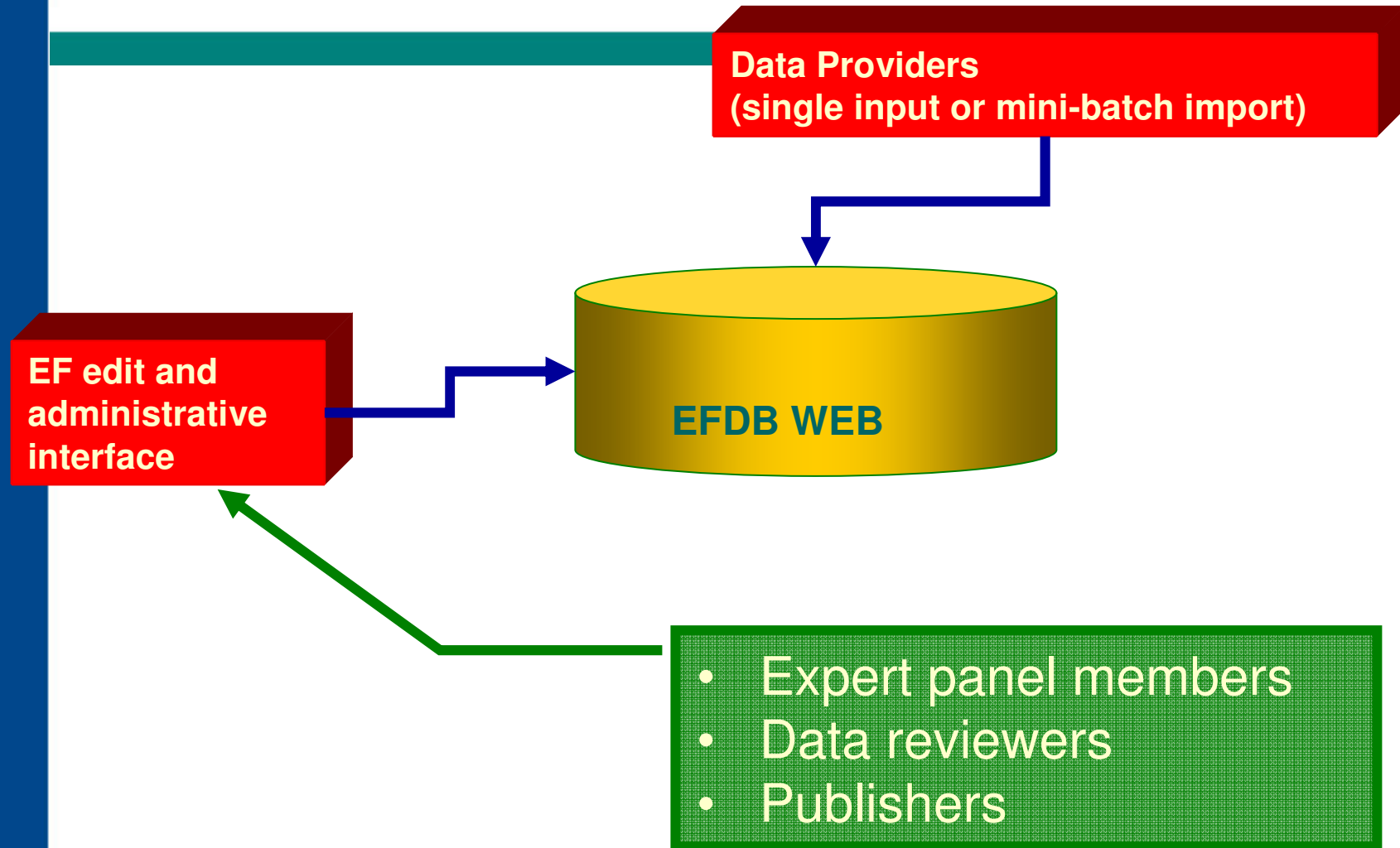
# The system

## General users



# The system

## Expert Panel members



# The system Beta version available



- Password protected server
- Available for Expert Panels to use
  - You'll need an account
  - Expert Panel Leaders to nominate
- This version is the pilot we decided upon in the TFEIP 2005 meeting
- Now already 36000 + EFs and other parameters

TFEIP EFDB - Main Page - Microsoft Internet Explorer provided by TNO-Apeldoorn ICT Beheer

Bestand Bewerken Beeld Favorieten Extra Help

Adres <http://lrtap-efdb.air.sk/main.php> Ga naar

Koppelingen EEA EEA - Data service EIONET ETC-ACC Google InterNlnet webmail MSN Web Messenger TNO-Spider

**TFEIP - Emission Factor Database**  
A joint project of EEA and TFEIP

Home Login Find EF Single Input Mini-Batch Import Documents Downloads Help

Main Page Language: English OK

Welcome to TFEIP EFDB!

- ♦ **This is a beta version** of a new tool, aimed at supporting the development and use of the numerical information in the EMEP/CORINAIR Emission Inventory Guidebook - 2005. This Guidebook is developed under the responsibility of the UNECE Task Force on Emission Inventories and Projections (TFEIP). The TFEIP EFDB has been developed as being fully consistent with the IPCC EFDB. The fruitful support of and co-operation with IPCC NGGIP and the EFDB editorial board is greatly acknowledged.
- ♦ **Nature of TFEIP EFDB:** TFEIP EFDB is meant to be a recognised library, where users can find emission factors and other parameters with background documentation or technical references that can be used for estimating gas air pollutant emissions. Emission factors and related information for greenhouse gas emissions can be found in IPCC EFDB. **The responsibility of using this information appropriately will always remain with the users themselves.**
- ♦ **Request for data input:** Users are encouraged to provide the TFEIP EFDB with any relevant proposals on emission factors or other related parameters. If you wish to submit your data for the first time, please contact the [Technical Support Unit](#) to obtain your login name and password. Acceptance of such proposals will be subject to evaluation by the appropriate TFEIP Expert Panel using well-defined criteria.
- ♦ **Terminology:** TFEIP EFDB is a database on various parameters to be used in calculation of emissions. It covers not only the so-called "emission factors" but also the other relevant parameters. For convenience sake, however, the term "Emission Factor" or its abbreviation "EF" is sometimes used to represent parameters in this database generally.
- ♦ **Software requirements:** It is recommended to use any HTML 4.01 compliant browser. JavaScript is not required but recommended for best experience. It is also recommended to have Microsoft Office 97 or higher for generating Word and Excel outputs.

**What's new**

- ♦ **March 2006** - Launched first beta version of LRTAP EFDB



# The system Demonstration



## Web site:

<http://lrtap-efdb.air.sk/main.php>

## Password protected

User name: efdb

Password: lrtap

*Need to login twice*

*http: domain*

*https: domain*

- Data retrieval
- Single input:
  - Propose a new EF
- Mini batch-import
  - Up to 20 EFs in one go

## Administrative:

- Expert Panel
  - Review proposals
  - Revise existing EFs
- Data manager
  - Commit or reject





# Conclusions



- Pilot TFEIP EFDB is available
- 36000 + Emission Factors included
  - Stationary combustion
  - Mobile combustion
- Review system available to Expert Panel
- We plan to release the system at the 2006 Autumn TFEIP meeting



Thank you



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