

TFTEI

Under the Convention on Long Range Transboundary Air Pollution

Clearing House on abatement technologies

Co-Chairs Presentation

Jean-Guy BARTAIRE (France) and Tiziano PIGNATELLI (Italy)

TFTEI Techno-Scientific Secretariat: *Nadine Allemand (France)*

Clearing House on Control Technology Information



The TFTEI mandate

Create and maintain a regional clearing house of control technology information for emissions of SO₂, NO_x, VOCs, dust (including PM₁₀, PM_{2.5} and black carbon), heavy metals and POPs

*with the aim of being a **reference place for dissemination of information** to the experts of the Parties*

Technologies : end-of-pipe but also primary measures (raw material management, process)

Clearing House on Abatement Technologies



- The main purposes of the CH are :
 - **indicate where the information on adopted BATs is available:**
 - Guidance Documents adopted under the LRTAP Convention
 - Other BAT documents developed under specific legal frameworks
 - **provide new information** on technologies
 - New information on technologies listed in BAT documents
 - Information on new (emerging) technologies
 - Information on sources, which are new and/or not covered in BAT documents

Possible format: **fact sheets**

- In addition, provide an interactive process for specific questions are raised by experts of the Parties.

Clearing House on Control Technology Information



Content

- a. **General information on reduction techniques** for SO₂, NO_x, PM, VOC, HM and POP
Updated information on the different ways to abate emissions and on characteristics of reduction techniques
- b. Information on the **latest development on reduction techniques** both for general applications and for specific applications from reduction technique manufacturers
- c. **Operating experience and feedback** from plant operators, to take advantage of lessons learned, have information on decision making process, real life use of techniques and investments and operating costs

Clearing House on Control Technology Information



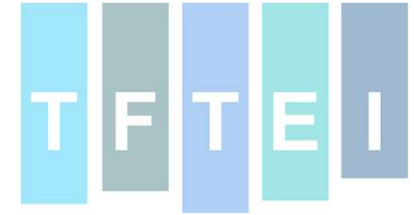
Clearing House Evaluation Committee (CHEC)

CHEC task consists in **reviewing the information** delivered through the exchange platform before incorporating it in the publicly available part of the clearing house website

A guidance for delivering information is developed in order to ensure a certain quality in information provided and guide the information provider.

This two-page guidance was made available in April 2016.

Clearing House Evaluation Committee



Documents discussed in CHEC Meetings

Apart from the Guidance Documents developed under the LRTAP Convention, a number of documents developed under specific legal frameworks were discussed:

- EU BREFs,
- Russian BREFs,
- Official documentation and data bases available in the USA,
- World Bank BAT guidelines,
- Nordic Council of Ministers BAT guidelines,
- BAT guidance documents under the Minamata Convention and under the Stockholm Convention.
- initiative launched by OECD on the BAT concept worldwide.

The CH website will provide web links to these documents, with short description

Clearing House on Control Technology Information



About the Clearing House

TFTEI Clearing House of Control Technologies

The clearing house is developed according to the TFTEI mandate (EB decision)

"Create and maintain a regional clearing house of control technology information for emissions of SO₂, NO_x, VOCs, dust (including PM₁₀, PM_{2.5} and black carbon), heavy metals and POPs with the aim of being a reference place for dissemination of information to the experts of the Parties".

The purpose of the Clearing House is as follows:

The clearing house aims to deliver information on reduction techniques for SO₂, NO_x, PM, VOC, HM and POP coming from different anthropogenic sources through:

- Updated information on best available techniques to reduce emissions, with a focus on technical descriptions and environmental performances,
- Information on the latest developments on reduction techniques both for general and specific applications, with a focus on technical descriptions and environmental performances,
- Operating experience and feedback from operators, with a focus on lessons learned in the field and real-life investments and operating costs.

The structure of the clearing house for stationary sources is as follows:

For stationary sources, the approach followed to deliver information is pollutant-based as the Protocols are pollutant oriented. However, dust, PM₁₀, PM_{2.5}, heavy metals and black carbon are addressed simultaneously.

For each pollutant section, the structure of the clearing house is as follows:

Clearing House on Control Technology Information



<http://tftei.citepa.org/en/clearing-house>

Or from the main bar menu of TFTEI homepage

<http://tftei.citepa.org/en/>

Thank you for your kind attention

Спасибо за внимание