



TFTEI

Under the Convention on Long Range Transboundary Air Pollution

Task Force on Techno-Economic Issues

“Guidance document on the Reduction of Emissions from Agricultural Residue Burning”

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Reference documents: *ECE/EB.AIR/WG.5/2021/5*
ECE/EB.AIR/2019/1

Workplan 2020-2021

ECE/EB.AIR/2019/1



Item 2.2.2 - Activity description

Development of guidance on reduction of emissions from agricultural residue burning.

Deliverables

Draft guidance document submitted for adoption by the Executive Body.

Technical Bodies : TFTEI and TFRN

For consideration of the WGSR 59th Session, in May 2021 and possible adoption by EB, at its 41st Session

Brief history



At TFTEI Annual Meeting 2019, in Ottawa (Canada) a cooperation was established with the *International Cryosphere Climate Initiative (ICCI)* to develop the first draft of the guidance document on “*Agricultural Residue Burning*” (*ARB*)

In *April 2020* the first draft was submitted to the Parties experts for comments, (received by *Canada, US, Belgium Spain, Italy*, by the end of August 2020)

The text was revised on the basis of comments received in *September 2020*, and discussed at TFTEI annual meeting in October, 2020.

Finalization of the document in December 2020, carried out by the TFTEI co-chairs in collaboration with ICCI and TFRN and *submission to the Secretariat in January 2021*

Key messages in the Guidance



The draft guidance document provides an *overview* of the *open burning practices in agriculture*.

It highlights that the overall impacts of this practice in agriculture is an issue in many countries, in the UNECE region and at global level.

ARB results in *harmful effects on human health and the environment*, due to the pollutant emissions generated (i.e. PM, BC, VOC, etc.).

The draft guidance focuses on fire-free alternatives, providing a list of *best available techniques and practices* which, if implemented, would significantly contribute to *soil preservation and fertility and emission reductions*.

Key messages in the Guidance



The transition to fire-free methods should be based upon three main pillars, in order to result successful and cost-effective :

- 1. Mapping and monitoring activities to define the problem;*
- 2. Education and training of farmers;*
- 3. Developing regulations and financial support.*

At the same time, in order to involve the concerned stakeholders *awareness-raising, training and dissemination* of relevant information on the alternative methods are essential.

Although the implementation of the measures, indicated in the guidance, is *on a voluntary basis, the use of the guidance is recommended to the Parties to the Air Convention*, for its expected beneficial effects on human health and environment

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Thank you for your attention !