

ECONOMICS OF THE MITIGATION POTENTIALS IN THE EUROPEAN AGRICULTURE, FORESTRY AND LAND USE SECTOR

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The Agriculture, Forestry and Land Use sector can contribute to the effort of controlling the emissions of Greenhouse Gases as well as mitigating the impacts of Climate Change through carbon capture and storage. However, land use patterns and technologies might need to change to comply with this societal requirement. In this side event, research results on detailed European estimates of physical and economic responses from the agriculture and forestry sector to Greenhouse gas related policies will be presented to illustrate potential ancillary benefits and trade-offs with other agriculture and forestry policies. Global scenarios will focus on the economics of avoided deforestation.

The Integrated Sink Enhancement Assessment (INSEA) project aims at an understanding of how the forestry and agricultural sectors contribute to the production of these public goods and, eventually, how these two sectors can contribute to a sustainable-development process by the adoption of environmental technologies mitigating anthropogenic greenhouse gas (GHG) emissions. The project aims at developing a transparent toolbox that can be trusted, understood, and shared by stakeholders, as well as sharing scientifically validated data.