

EMISSION INVENTORY IN ALSACE: A TOOL TO CONTROL THE ATMOSPHERIC POLLUTION AND THE CLIMATIC CHANGE

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Issues: Through the national plan for combating the greenhouse effect, the local authorities are largely involved in the national effort of GES reduction regarding urbanism, transport, renewable energies, communication and consciousness-raising coming under the relevance of their close competency. **Objective:** Thus, the local decision makers must have adequate decision-making tools to be able to identify the priority sectors to act upon to limit these impacts.

Method: To meet this need, ASPA takes into account the major greenhouse gases (CO₂, N₂O, CH₄) in its annually updated emission inventory integrating all activities implicated. The multiple data sources are regional partners as well as regional and national data suppliers.

Result: This inventory, covering the whole of Alsace region and Upper-Rhine valley in the framework of INTERREGIII program, gives knowledge for each territorial or local authority (region, county, town) of the levels of greenhouse gas emission and their sources (industrial, transport, residential, agricultural...). **Discussion** Under the current economical constraints, development of ASPA's pollutants inventory towards greenhouse gases seems particularly adapted to supply local decision makers with a tool which is coherent with CITEPA's national inventories based on IPCC methods. This tool provides the opportunity for more implication of local authorities in the national plan for combating the greenhouse and thus to contribute their share to limit the climatic warming and its consequences.