



Training on the compilation of GHG inventories and identification of mitigation options in the waste sector

Background

The world's generation of household, industrial, construction and demolition waste adds up to an annual amount of 7-10 billion tons. Economic and population growth, urbanisation and changing consumption patterns are expected to lead to a rapid increase in waste production in low and middle-income countries. According to the Intergovernmental Panel on Climate Change the waste sector accounts for around 3% of global anthropogenic Greenhouse gas (GHG) emissions (IPCC, 2014: Climate Change 2014: Mitigation of Climate Change).

Following a holistic approach to waste management that considers recycling, energy recovery from waste and optimised waste transport, improved waste management could reduce 10-15% of global GHG emissions (UNEP/ISWA, 2015: Global Waste Management Outlook).

Of all submitted Nationally Determined Contributions (NDCs), a total of 67% explicitly refer to the waste sector contribution to mitigation. Decision makers in ministries, regional governments and municipalities now face the challenge of incorporating the NDC targets into their sectoral waste management policies and local waste management plans. Accurate GHG emissions estimates serving as a basis for identifying appropriate mitigation actions are vital for robust policy design.

Training concept

The GIZ projects *Information Matters* and *Concepts for sustainable solid waste management and circular economy* have developed a training concept with the aim to support the improvement of GHG emissions estimates for the waste sector and to facilitate the identification of emission reduction policies and measures.

A special feature of the training concept is its worldwide applicability: The four incorporated core modules 1) Introduction and overview; 2) GHG inventory compilation in the waste sector; 3) Identifying and implementing mitigation actions in the waste sector; and 4) Follow-up training are easily adaptable to country specific circumstances allowing the organisation of trainings serving different areas of interest and capacity building needs.

Main target audience of the trainings are staff of government and/or national research institutions involved in measuring and reporting GHG emissions and in the identification and planning of climate change mitigation activities in the waste sector. Further, and as the training also addresses issues related to data collection in the waste sector, regional and local authorities in charge of waste management as well as local waste management operators (public or private) can also benefit from the training. Applications are welcomed from both UNFCCC focal points and national entities in charge of waste policies and/or management.

For expressions of interest and further information on the training, please contact:

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Material for interactive designed workshops (presentations and exercises) as well as technical manuals for participants and trainers will be provided.

Following a “train-the-trainer”-approach the concept allows local staff or experts to conduct this training by themselves after being introduced to the training materials.

More information about both projects is available on the following websites:

Information Matters:

www.transparency-partnership.net/information-matters

Concepts for sustainable solid waste management and circular economy:

www.giz.de/en/worldwide/15109.html