

Session Title: Decarbonisation by Industrial Sector

Name: Matthias Finkbeiner

Position: Managing Director Institute of Environmental Technology, Chair of Sustainable Engineering, Technische Universität Berlin

Decarbonization of industries requires corporate and political strategies, that will lead to overall global reduction of GHG emissions. However, current strategies focusing on individual sectors and countries may suffer from emission shifting between sectors and countries and may not foster optimal technological solutions. Therefore, decarbonization has to take a cross-sectoral, life cycle and value chain perspective. As examples, guidelines for quantifying GHG emission reductions of goods or services through global value chains by the Japanese Ministry of Economy, Trade and Industry (METI) and World Business Council for Sustainable Development (WBCSD) are introduced.