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Federal Department of the Environment,  
Transport, Energy and Communications DETEC

**Federal Office for the Environment FOEN**

# **Policy-making relevant questions to the socio-economic scientific community**

SBSTA Dialogue on developments in research activities relevant  
to the needs of the Convention

José Romero, 08.06.2011



# Context

This presentation addresses questions, in a non-exhaustive manner, faced by policy-makers when designing climate change policies and climate change related strategies.



# Climate change policies

- Costs and benefits of climate change mitigation and adaptation policies
- Effects of policies to achieve mitigation and adaptation objectives
- Redistributive effects of policies
- Barriers and opportunities for accessing technology



# Behavior

Understanding individual and collective behaviors (decision-makers, general public, etc.):

- in front of information related to climate change
- in situations of changes in national and international climate change policies
- In front of various incentives



# Interactions between policies

- Potential impacts of climate policies on other policies
- Strategies for the optimisation of policy design in order to minimize negative side-effects



# Transportation

- Costs and strategies for the internalization of external costs
- Policies for decoupling transport from economic growth
- Interrelation between transportation and spatial development strategies for steering sustainable spatial organization



# AFOLU

- Effects of management practices on carbon dynamics
- Methane and nitrous oxide emissions reduction options from farm and agricultural practices
- Low-emission livestock rearing systems
- Impact of climate change on species and adaptive forest and agricultural management practices



# Food security and human health

- Impact of climate change on food security
- Influence of the increase in temperature on the distribution of illnesses