







The Beijer International Institute of Ecological Economics The Royal Swedist Academy of Sciences

## Climate Change Mitigation Measures in

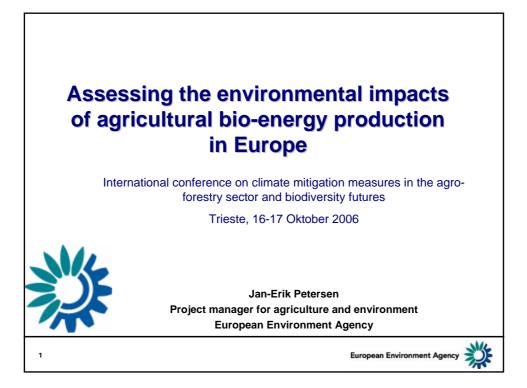
## the Agro-Forestry Sector and Biodiversity Futures

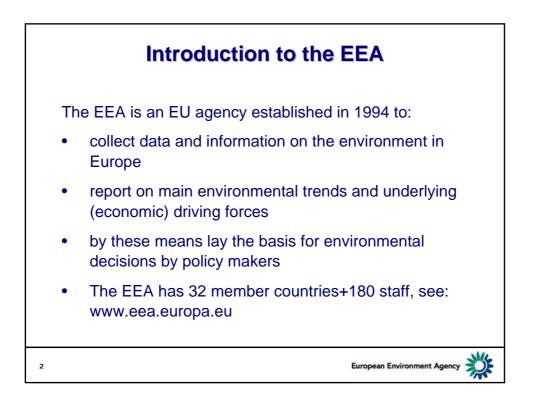
16 - 17 October 2006 - ICTP, Trieste, Italy

## ASSESSING THE ENVIRONMENTAL IMPACTS OF AGRICULTURAL BIO-ENERGY PRODUCTION IN EUROPE

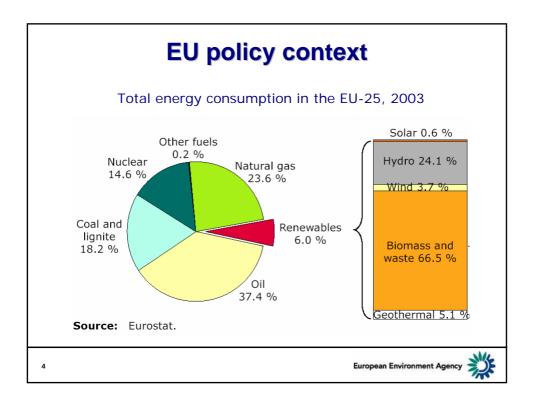
Jan-Erik Petersen European Environment Agency

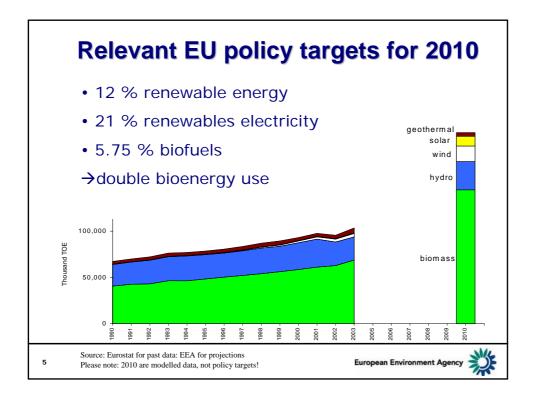
SMR 1811 - 4



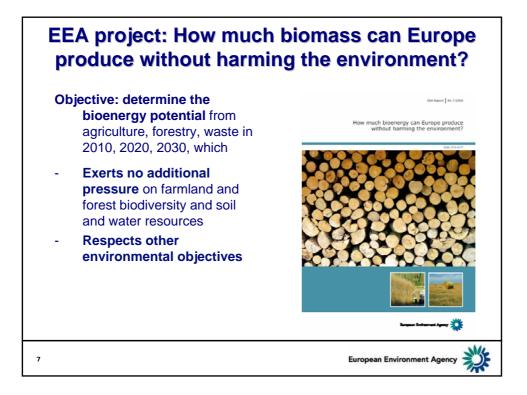


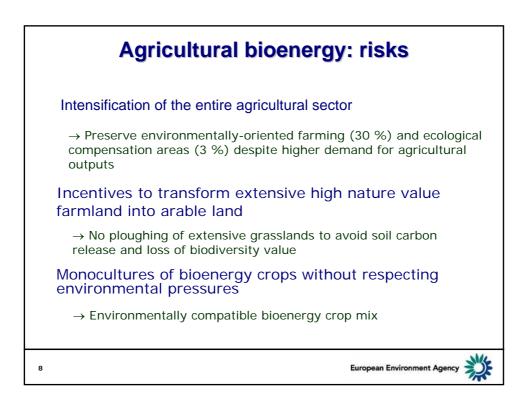


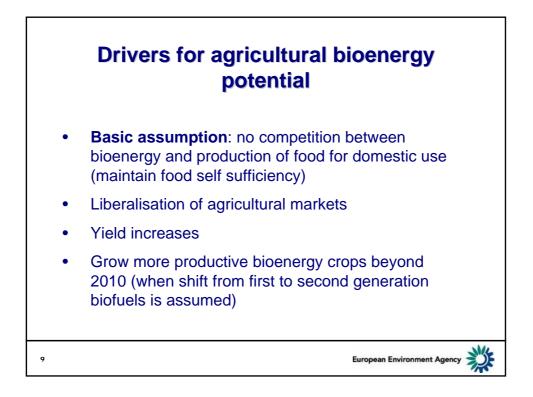


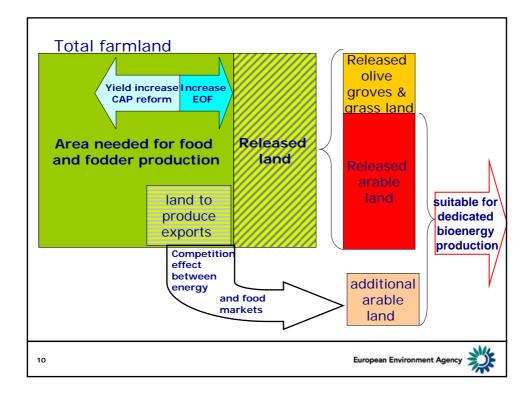


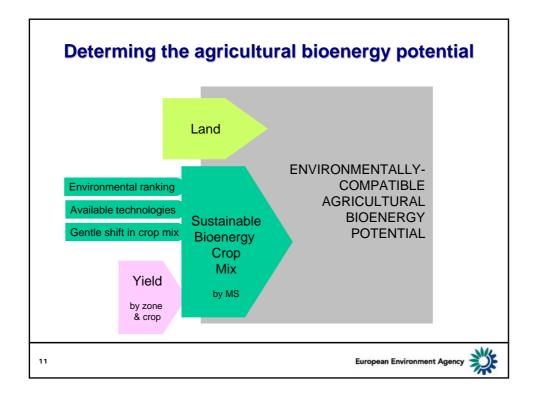
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	'Innovative' double cropping	Wheat	Maize	Sugar beet	Poplar perennial - for comparison
Erosion	А	А	С	С	A
Soil compaction	A	А	В	С	A
Nutrient inputs into surface and groundwater	A	A	С	B/C	A
Pesticide pollution of soils and water	А	В	С	С	A
Water abstraction	A/B	В	A/B	A/C	В
Link to farmland biodiversity	В	B/C	B/C	В	A/B

