



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit

BMU-NRW Side Event:

**Transfer of Innovative Renewable Energy Technologies:
Experiences of German Companies with CDM / JI**

22 May 2006

German Activities on CDM / JI

– Current Status –

German Ministry for the Environment,
Nature Conservation and Nuclear Safety

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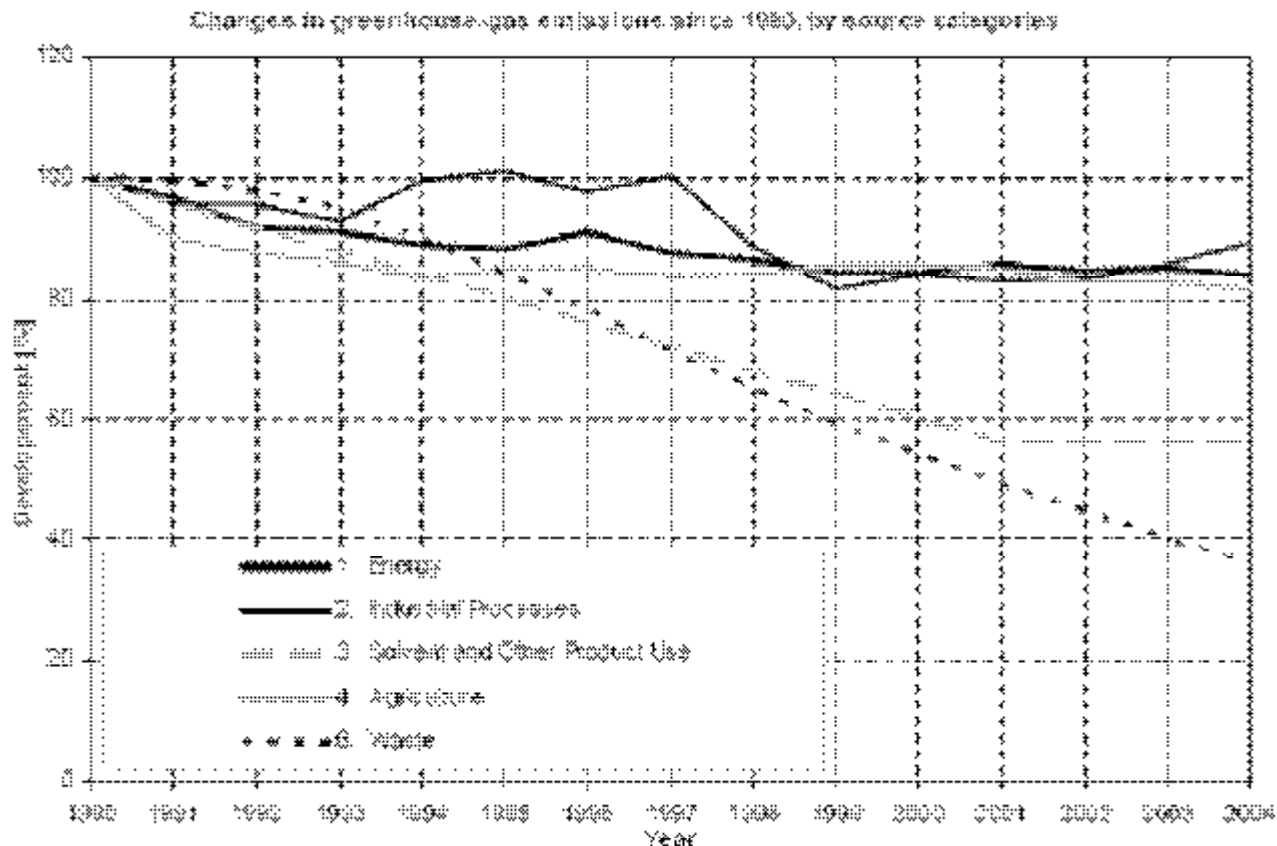


GHG-Emissions: Targets and Trends

German emissions target under the EU BSA: -21%

Demonstrable progress until 2004:

-17.4% (w/o LULUCF) or -18.5% (with LULUCF)





CDM/JI Activities - Overview

Positive attitude towards the flexible mechanisms, although Germany does not intend to use CERs/ERUs for compliance in CP1

- Comprehensive National Climate Protection Programme

No federal procurement programme for CERs/ERUs

Support of KfW-Fond

- Financial contribution of 10 Million EUR

Private activities

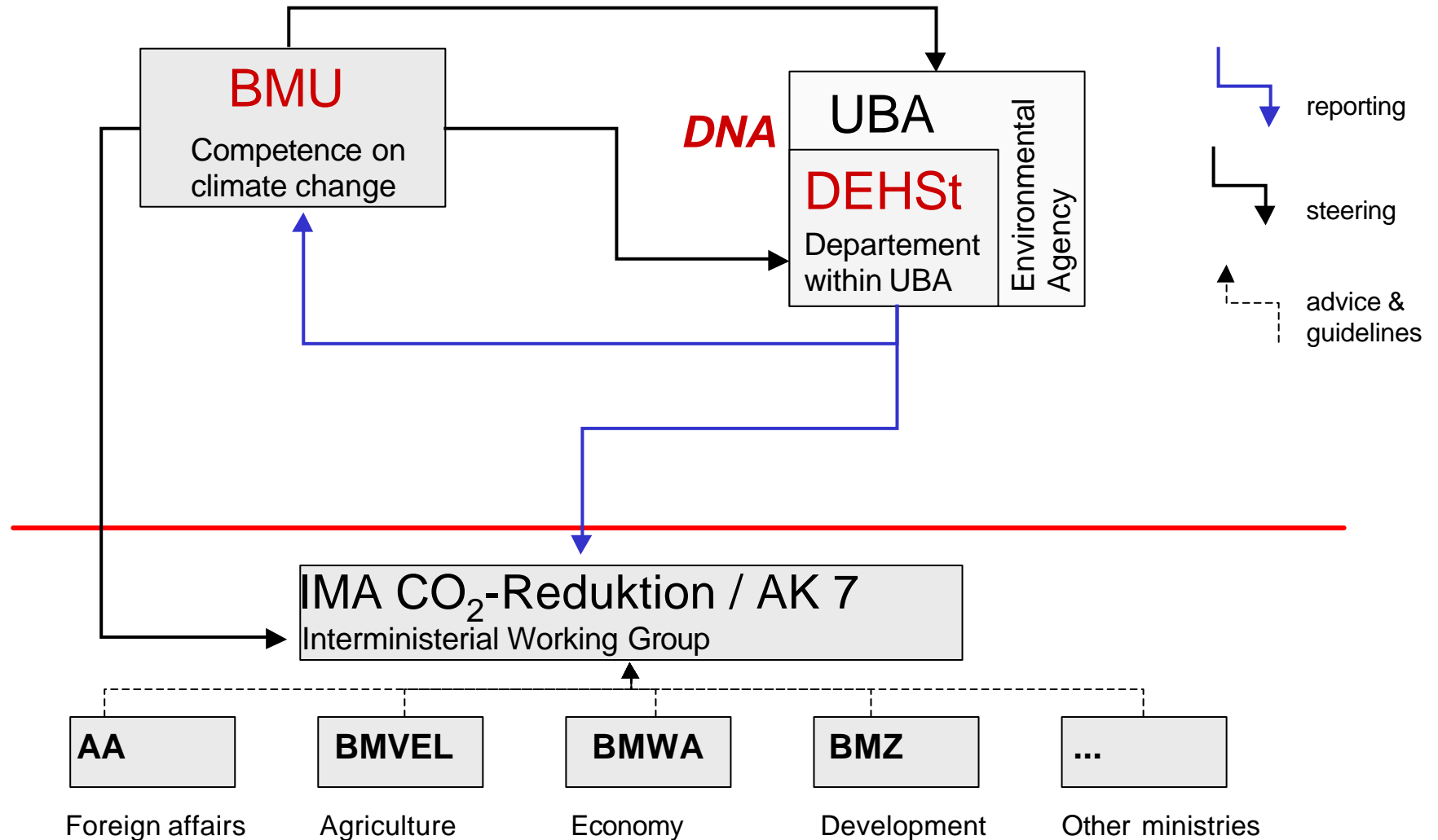
- Demand caused by EU-ETS, strongly increasing since 2005
- Support by German Government
 - JIKO at BMU
 - Information for companies (Brochures, Internet, CDM/JI data base)
 - Administration and legal framework





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Administration





Tasks of DEHSt with regard to CDM/JI

Tasks as defined in „ProMechG“

1. Project related tasks

- Issuance of letters of endorsement
- Issuance of letters of approval
- Cross-check verification reports
- Registration (national level)

**Close
co-operation
with BMU**

2. Cross-cutting tasks:

- Data base on CDM/JI-projects
- Information; e.g website and publications



ProMechG - Overview

ProMechG transfers EU Linking Directive into national law

- Eligibility of project types in line with EU Linking Directive (nuclear power, sinks, large hydro)

Constitutes legal basis for CDM/JI project approval and authorization for participation by private entities

Applicable for:

- CDM
- JI in other countries
- JI in Germany

Some hot issues

- Double counting – e.g. EU-ETS
- Additionality – e.g. double-support through other policy instruments as e.g. feed-in tariffs



German CDM/JI Project Activities

Current project activities in the **DEHSt approval pipeline**
(active applications plus approved projects):

- 13 *CDM project activities (out of which 3 approved; 2 registered at UNFCCC)*
- 49 *JI project activities in Germany*
- 7 *JI project activities in other countries*

MoU with Mexico, numerous others in preparation

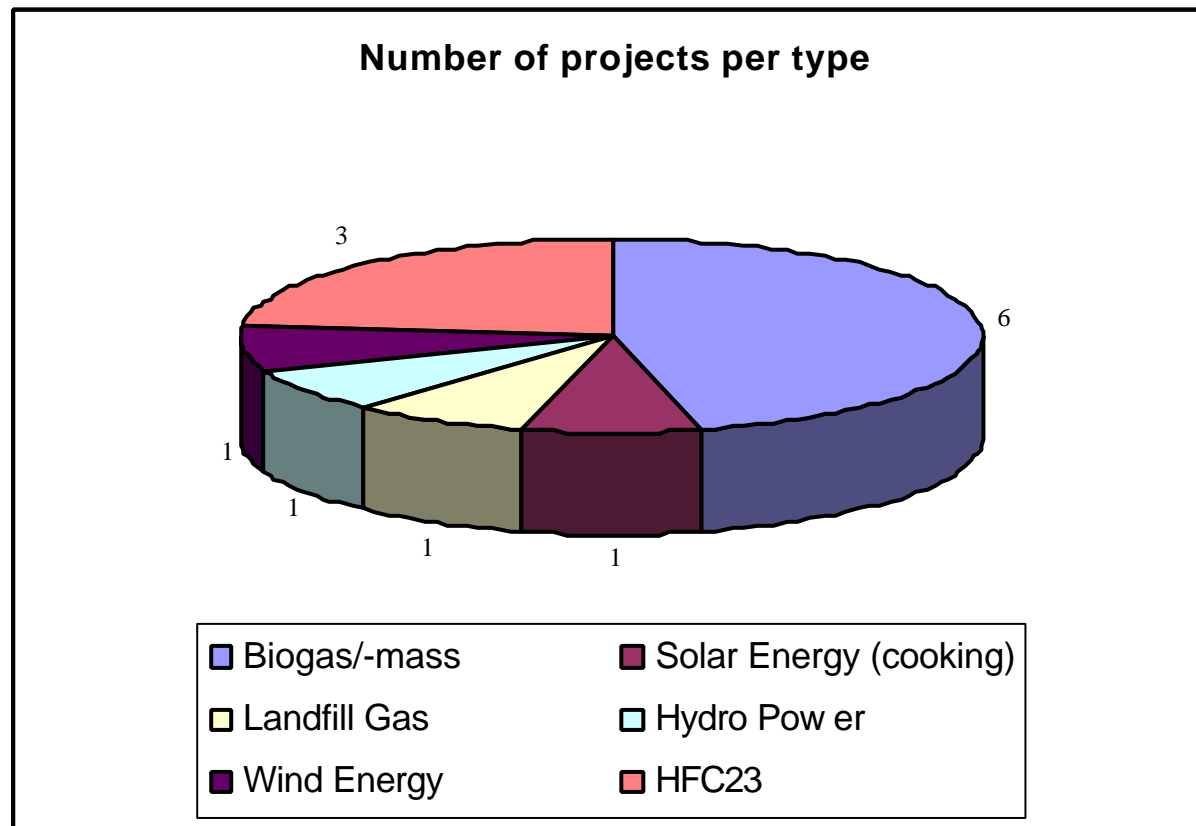
Plus

- Numerous pending CDM/JI project ideas which have not yet applied for approval/authorisation („Pre-check status“) – in total approx. 100 projects
- Several project activities with participation of German companies, for which approval has been given by other Annex-I countries.



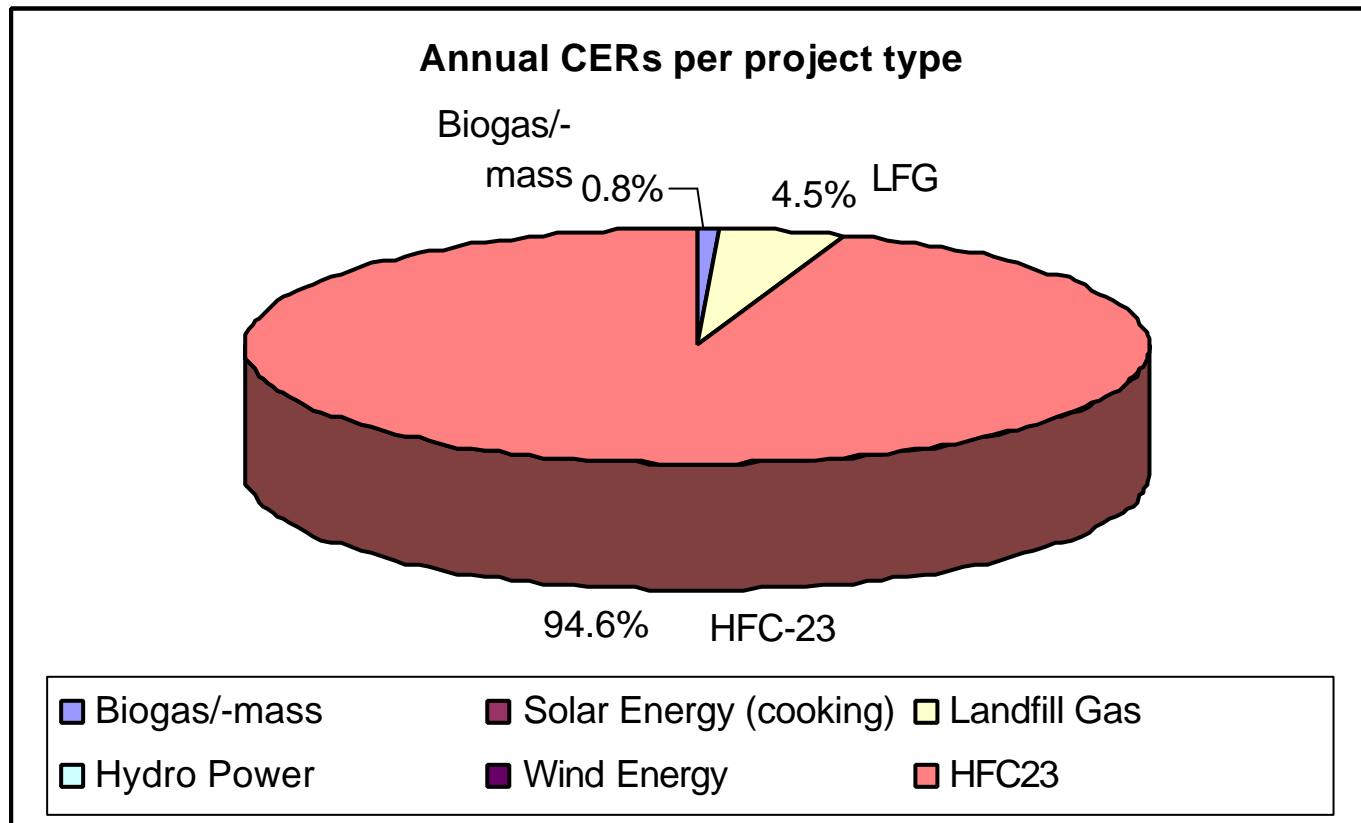
CDM Projects: some details

13 Projects - total annual CER-volume approx. 24 Mt CO_{2e}
Host countries: Brazil, China, Columbia, Costa Rica, India, Indonesia, Nepal, Thailand, Vietnam





CDM Projects: some details



Large HFC-23 projects in China + India, as well as Brazil landfill gas project account for **99%** of expected CERs



JI Project Activities

JI in Germany

49 project documentations submitted to DEHSt, out of which
46 mine gas projects in Ruhr Area
2 energy efficiency projects, 1 fuel switch

JI in other countries

7 project activities, mostly at early stage.
Host countries: Bulgaria, Estonia, Poland, Russia.
Project types: Biomass, Fuel Switch to gas, Wind energy

*Strongly increasing business activities both with regard to
CDM and JI – project pipeline likely to increase significantly*



CDM projects approved by DEHSt

Aceh Solar Cookers – Small Scale I.C

Host country: Indonesia

German entity: Klimaschutz e.V. (prefunding of project activity)

Objective: Replacement of thermal energy formerly derived from non-renewable biomass by renewable energy.

Project Start: January 2006.

Annual expected GHG-reductions: 3,500 CERs

Chumporn Applied Biomass*, AM0013

Host country: Thailand

German entity: GTZ (financing of CDM-development)

Objective: Avoidance of methane emissions from waste water, and replacement of fossil fuels through utilization of generated biogas.

Project Start: 2006.

Annual expected GHG-reductions: 30,000 CERs

** Approval letter to be issued in May 2006*



CDM projects approved by DEHSt (II)

HFC-23 Project, India

Host country: India

German entity: KfW-Fond, Solvay Fluor GmbH

Several participants from UK (e.g. Shell, EDF)

Objective: Thermal oxidation of HFC-23, a by-product of HCFC-22, in the production process of refrigerants (plant existing since 1989)

Project Start: April 2004.

Annual expected GHG-reductions: 3,8 million CERs