

# TOCSIN

(European Commission FP6)

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## Framework

- Type of project: partially sponsored research
- Sponsor
  - European Commission FP6
- Timeline:
  - Start: 2007
  - Duration: 24 or 30 months

**PARTICIPANTS**

Partic. Role*	Participant name	Participant short name	Country
CO	Ecole Polytechnique Fédérale de Lausanne	EPFL	Switzerland
CR	Fondazione Eni Enrico Mattei	FEEM	Italy
CR	University of Cambridge	UCAMB	UK
CR	Tsinghua University, 3E Institute	UTSIN	China
CR	KANLO Consultants	KANLO	France
CR	ORDECSYS/CORDEE	ORDE	Switzerland
CR	Indian Institute of Management (and KanORS India)	IIMVA	India

GICC --R. Loulou ETSAP workshop Stuttgart Nov 2006

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## Objectives

- Examine GHG reduction options in China and India
  - Focus on key sectors and technologies (power generation, heavy industry, agriculture, transports)
- Analyse potential for enhanced technological cooperation between EU, India, China
  - Promotion and enlargement of CDM actions
  - E.g.: clean coal technologies for power generation
  - Barriers to technological cooperation
- Impacts of technological transfers on welfare in India and China

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## Methodology

- Coordinated use of three models
  - TIAM 15-region model (enhanced for India, China)
  - GEMINI-E3 CGE model
  - WITCH: assessment of impacts of technology competition on economic development
- Various regimes
  - Cooperation
  - No Cooperation
  - Partial Cooperation
- Various CC scenarios