



Bundesministerium
für Bildung
und Forschung



Sustainable Solutions
Science for Sustainability

International Dialogue on Science for Sustainability (D4S) with Brazil, Russia, India, China and South Africa

*An initiative of
the German Federal Ministry of Education and Research (BMBF)*

PD Dr. Lothar Mennicken



Hamburg, 09 Sept `09

Ideen zünden!



Bundesministerium
für Bildung
und Forschung



Sustainable Solutions
Science for Sustainability



Dialogue for Sustainability (D4S)

Ideen zünden!



Bundesministerium
für Bildung
und Forschung



Sustainable Solutions
Science for Sustainability



Bundesministerium
für Bildung
und Forschung

Research for Sustainability

Rahmenprogramm des BMBF
für eine zukunftsfähige innovative Gesellschaft



FORSCHUNG

Deutschland. Das von morgen.



Bundesministerium
für Bildung
und Forschung



The High-Tech Strategy for Germany



Ideen zünden!



Bundesministerium
für Bildung
und Forschung

Strengthening Germany's role in the global
knowledge society

Strategy of the Federal Government for the Internationalization of Science and Research

February 2008

Ideen zünden!



G8 Summit 2007 (Heiligendamm)

Heiligendamm Process (G8+5) (2007) and Gleneagles Dialogue on Climate Change, Clean Energy and Sustainable Development (2008) call for a global research agenda to address global challenges by joining resources



Objectives of D4S

- 1) to **strengthen scientific technological cooperation** between Germany and the partner countries in „sustainability research“
- 2) to jointly **generate sustainable solutions through research** to effectively combat climate change and for the protection of the global environment and the natural resource base
- 3) to **develop** innovative and structured input to the ongoing process of defining an **international research agenda** towards global sustainable development
- 4) to **enhance the visibility of sustainability science and technology** and the dissemination of research findings and technology transfer



contributing to economic development

addressing
conflicting
aspects:

**ecologically
acceptable**



**socially
just**



„BRICS“ as Partners in D4S

- Brazil (MCT)
- Russia (MON)
- India (DST)
- China (MOST)
- South Africa (DST)

and Germany (BMBF)





Bundesministerium
für Bildung
und Forschung



Sustainable Solutions
Science for Sustainability

Germany:

Political Leadership: BMBF, Div. Basic Policy Issues: Cultural Science, Sustainability, Environmental Law

Coordination/ Implementation:



UNITED NATIONS
UNIVERSITY

UNU-ViE

Vice Rectorate in Europe

d.i.e

Deutsches Institut für
Entwicklungspolitik



German Development
Institute

Ideen zünden!



Joint Declarations on the ministerial level, Joint Working Groups (JWG)

first bilateral contacts

2007

2008

bilateral
conferences

2009

BRICS
conference

2010

multilateral
conference

2011

Establishment of sustainable structures and dissemination of results



India

- **Joint Declaration** signed by Ministers Sibal (DST) and Schavan (BMBF) on 9 Sept 2008
- **JWG** established
- **1st Indo-German Conference on Research for Sustainability** held in New Delhi on 9 Sept 2008
- **2nd Conference: Land Use and Energy**
Bonn on 27-28 April 2009 → www.dialogue4s.de
- **3rd Conference: Water and Waste Management**
New Delhi, 4-5 Febr. 2010



South Africa

- **Joint Declaration** signed by Ministers Mangena (DST) and Schavan (BMBF) on 5 February 2008
- **JWG** established
- **1st Conference on Research for Sustainability** held in Bonn on 16-17 June 2008
- **2nd Conference on Research for Sustainability** 26-27 October 2009, Pretoria

Themes (tbc): innovation systems; land use; energy; climate, environmental technologies



BMBF-(Partner country): jointly funded programmes for bilateral R&D projects:

e.g.

- STC initiation measures
- India: Indo-German Science and Technology Centre (IGSTC)
- “International Partnership for Environmental Technologies“ (in preparation, 2010)



Bundesministerium
für Bildung
und Forschung



Sustainable Solutions
Science for Sustainability

www.dialogue4s.de

Ideen zünden!



...so that we can leave
our kids and their kids
a world worth living!

