



German Embassy
Pretoria

Research for Sustainability in the Bilateral S&T Agreement

27 October 2009

D4S
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Sustainability research topics according to Bonn 2008

- environmental technologies and services
- global change
- sustainable energy use
- sustainable resource management



Call for proposals under S&T agreement

2008

Every topic possible

Involvement of SME

- South Africa -not possible
- Germany -possible

2009

Agreed topics:

- Sustainable Energy Systems
- Multidisciplinary research
Global Change, human&social
dynamics
- Environmental Goods and
Services
- Sustainable Resource
Mangement (incl. Mining)
- Biotechnology
- Nanotechnology
- Advanced Manufacturing





Sustainability topics under S&T agreement

2008

- 62 proposals
- 40 approvals, thereof

Sustainability 25%

Materials/Production/
Biotech 40%

Other 35%

2009

- 48 proposals
- 33 approvals, thereof

Sustainability 51,5%

Materials/Production/
Biotech 48,5%



Sustainability topics in lighthouse projects

- Inkaba ye Africa ✓
- Biota ✓
- EnerKey ✓
- Communal Waterhouse ✓
- Integrated Water Management Olifants ✓
- GENUS ✓
- + around 20% in ~ 80 known independent projects



Future of sustainability topics

Overall context: COP-15, REFIT, green jobs...

Realization on project level:

- Inkaba ye Africa / GESAMT
- Sustainable Land Management
- Regional Science Service Centres
- S&T agreement

Realization on political level: JC 2010,

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Wishful thinking

- Opening up to the industrial sector
 - South Africa opens S&T for SME
 - Joint research call
- Setting up a cluster initiative on solar thermal
 - Research organisations, SA + German companies...