



Towards „ProgRes“ – drafting a German National Programme on Resource Efficiency

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German National Strategy for Sustainable Development (2002)

German SDS of 2002

- identified a set of **21 indicators**
- established **quantitative targets**



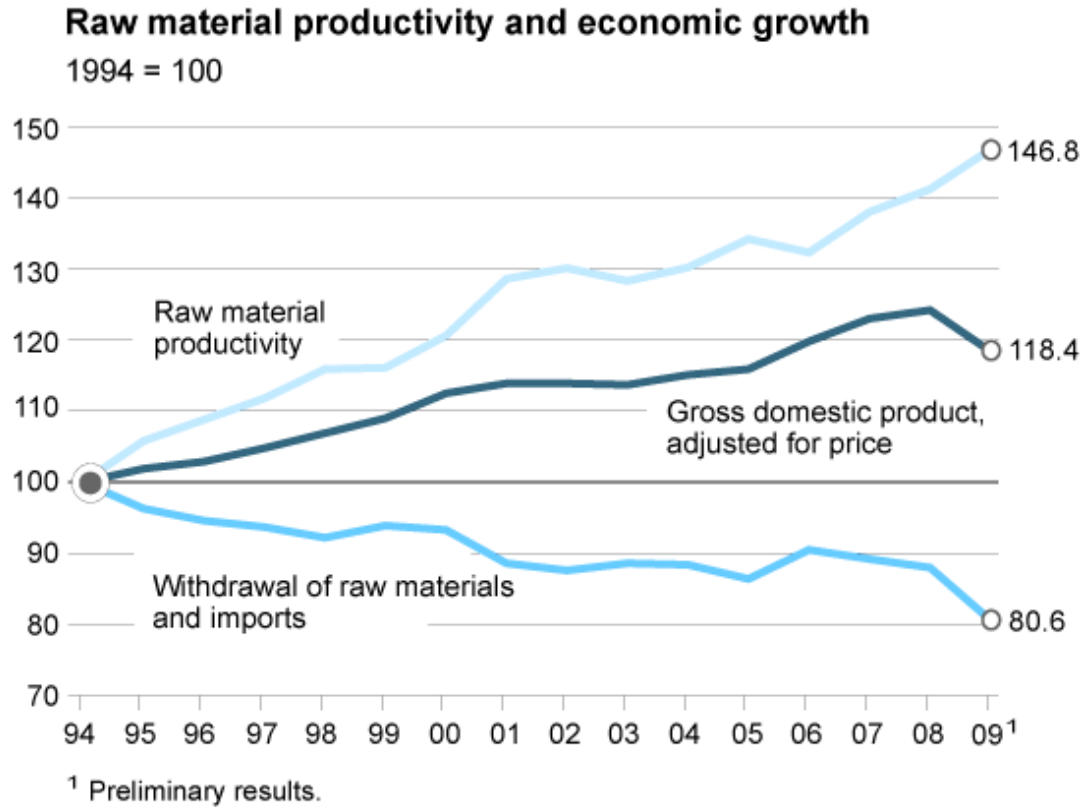
Double Resource Productivity by 2020 against 1994

Indicator: GDP/ DMI (direct material input, abiotic materials only)

- **Land Use:** Limit to 30 ha /day
- **Energy Productivity:** Double by 2020 (against 1990)
- **GHG emissions, Biodiversity, Renewable Energy**



Resource Productivity: Are we on track?



Target:
1994-2020
+100%

Status:
1994-2009
+ 46.8 %



Process for a National Programme on Resource Efficiency

| | |
|--------------------|---|
| October 2010: | German Raw Materials Strategy <i>Mandate for Environment Ministry to develop a draft for a National Programme on Resource Efficiency</i> |
| February 2011 | First working draft <i>Abiotic materials only!</i> |
| February-May 2011 | Stakeholder consultations |
| June/July 2011 | Second draft |
| summer/autumn 2011 | Consultations in the government |
| December 2011 | adoption in government council |



Current Structure of „ProgRes“

| Guiding Principles | 1 | 2 | 3 | 4 |
|--|--|--|---|----------------------|
| | for environment and the economy | global responsibility for resource use | transformation and innovation | qualitative growth |
| Action along the entire value chain | | | | |
| Extraction | Production | Consumption | circular economy | framework |
| partnerships | product design | communication | product responsibility | EU international |
| sust. extraction | standardization | consumers | recycling | market-based instr. |
| | information for SME | certification | curb illegal exports | research |
| | support programs | procurement | | transfer of know-how |
| | EMAS | | | regulation |
| Examples (sectors/material flows) | <ul style="list-style-type: none"> • industrial metals • critical raw materials • building and housing • photovoltaics, e-mobility | | <ul style="list-style-type: none"> • phosphor • indium • gold • plastic waste | |

Annex: list on-going activities by various actors at federal or state level



Thank you for your attention!

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