

d·i·e

Deutsches Institut für
Entwicklungspolitik



Years | 1964–2014

German Development
Institute

Energy & 2030 Agenda The German case

Thomas Fues, German Development Institute

ICRIER G20 Conference, August 9-10, 2016



- **Germany's sustainability strategy**
- **Indo – German cooperation**
- **Critical issues**
- **German G20 presidency**



- **SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all**



- Follow-up and review: United Nations
- High-Level Political Forum: July 2016



Strategic role energy transformation

- Phase out **hard coal** (2018), **nuclear** (2022);

- Total **primary** energy
20% (2020) 50% (2050)



- Share **renewables**

In **total** energy: 14% (today) 60% (2050)

In **electricity**: 33 % (today) 80 % (2050)



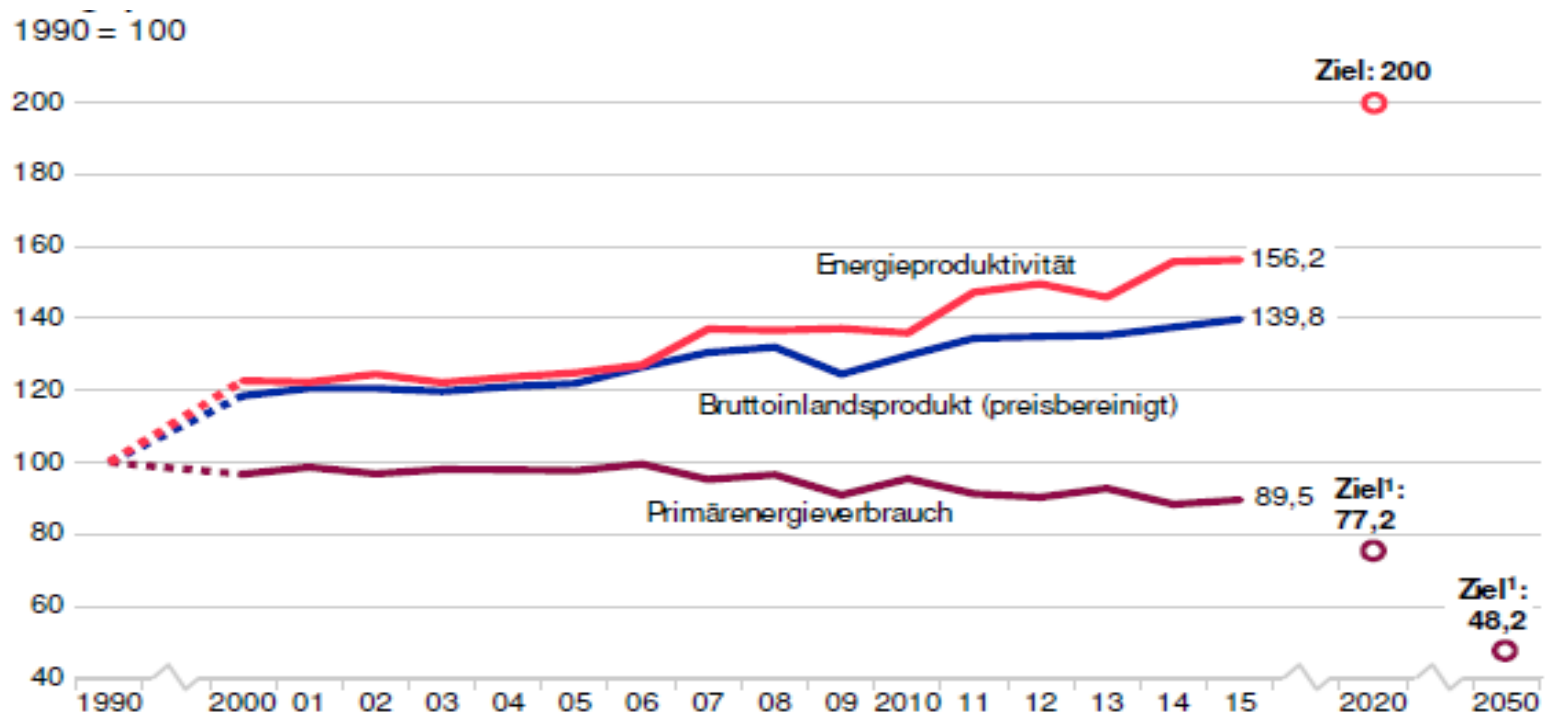
National challenges (indicators)



red: energy productivity

blue: GDP

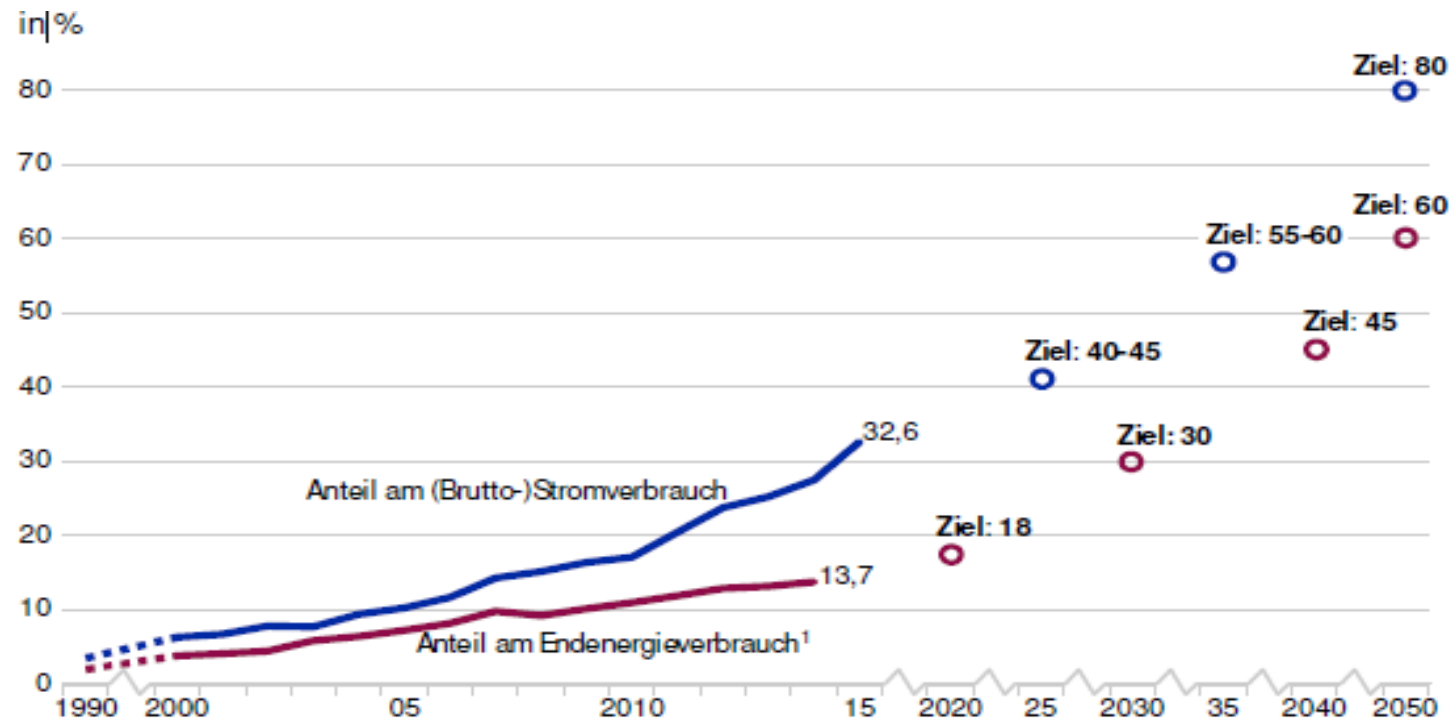
purple: primary energy use



Share of renewables (indicators)



- blue: share renewables electricity
red: share renewables total energy



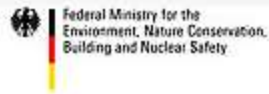


- **Decarbonize global economy (G7: 2015)**
- **AREI: USD 3 bn German contribution**
- **ODA: EUR 3 bn (2014)**
- **Access for 100 mio people dev. c. (2030)**
- **Bilateral energy partnerships**
- **International Climate Initiative (BMUB)**

Climate and renewable energy alliance



PROJECT PARTNERS



- **1 bn EUR Green Energy Corridor**
- **1 bn EUR solar projects**
- **Research collaboration**



- No date on phase out of **lignite** (brown coal)
- Target for renewables  **Paris Agreement**
- **Electro** mobility
- European **emissions trading** regime



- **Decarbonization of global economy**
- **Transformation of global energy system**
- **Introduce carbon tax**
- **Phase out fossil fuel subsidies: 2025**
- **Extend AREI to all developing countries**



- **Coordination: DIE-GDI & Kiel Institute**
- **International Task Forces**
- **Kickoff: 30 NOV – 2 DEC, 2016, Berlin**
- **Africa Outreach: FEB 2017, Jo‘burg**
- **Summit: MAY 2017, Berlin**

Thank you for your attention!

**German Development Institute /
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