



MINISTRY
OF THE ENVIRONMENT

“Climate policy strategy for addressing Green Investment Scheme (GIS)”

GIS in Poland - system you can trust

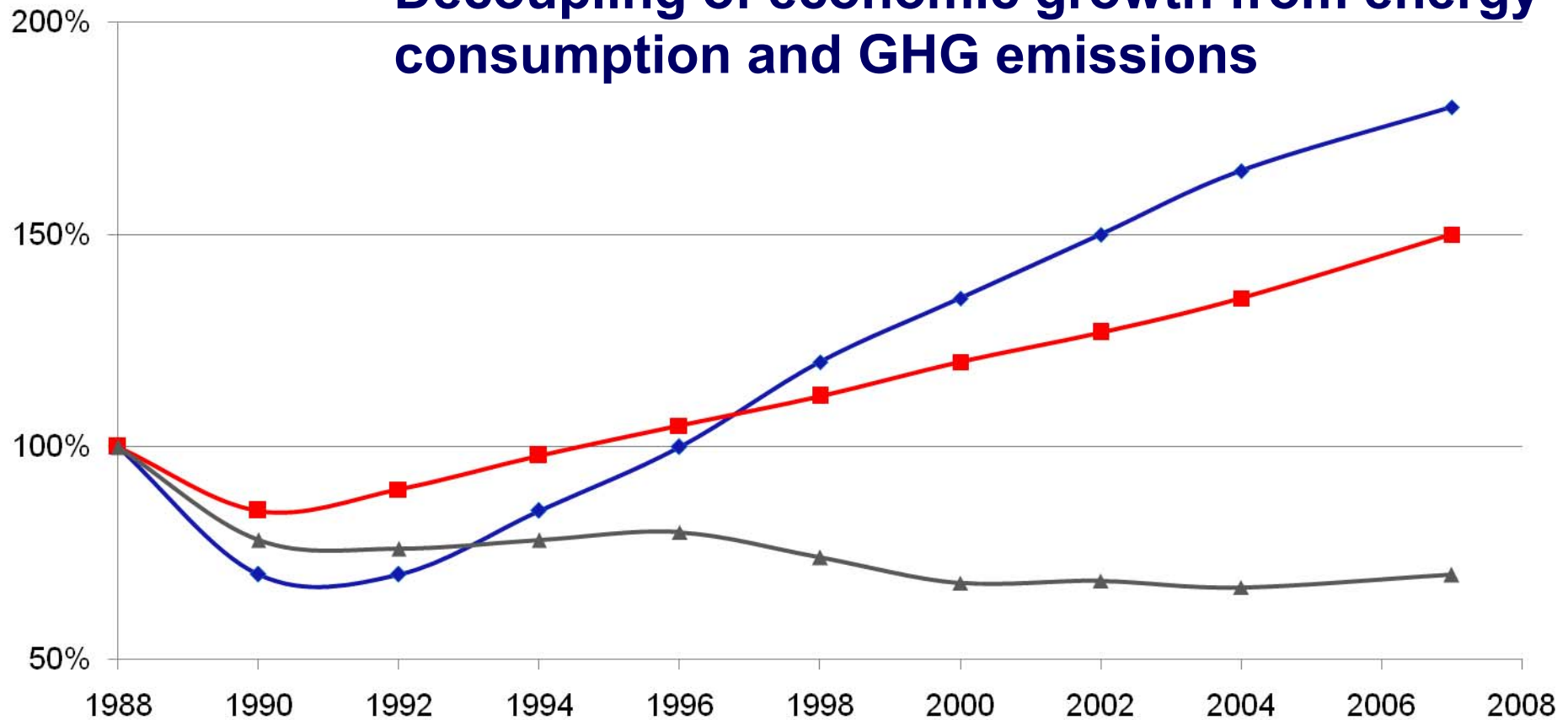
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INDUSTRIAL PRODUCTION, GDP AND CO₂ EMISSION IN POLAND 1988 – 2008

Decoupling of economic growth from energy consumption and GHG emissions

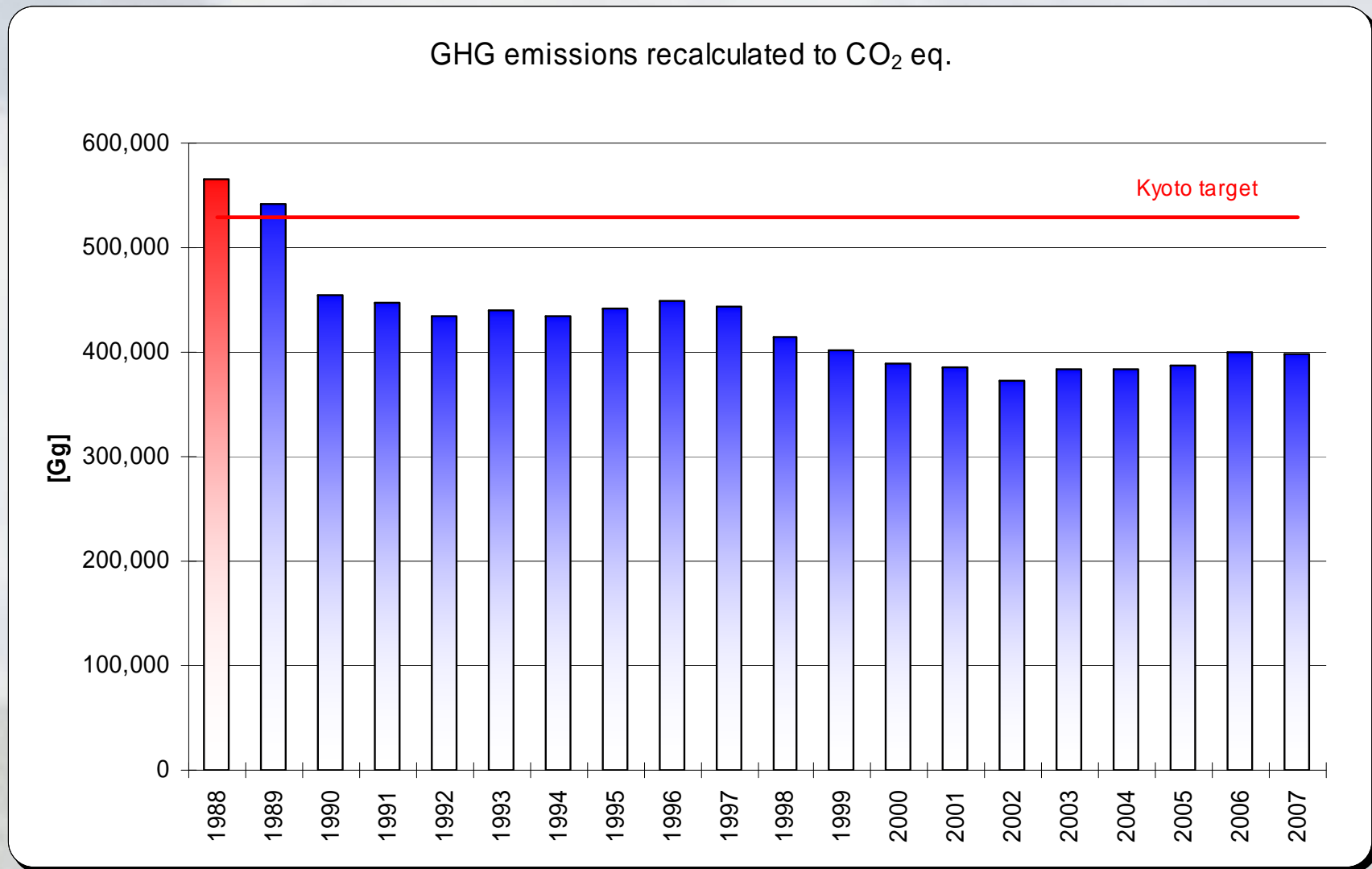


◆ INDUSTRIAL PRODUCTION

■ GDP

▲ CO₂ emissions

Reduction vs national target



Source: National Administration of Emission Trading – National Emission Centre

SUMMARY: POLAND AFTER 1992

- **In the course of the last 20 years** – dynamic economic development with **unchanged energy consumption**
- **reduction of CO₂ emission 1988 – 2008 by 30%**
- Polish obligation in Kyoto Protocol: **6%**
- surplus to emission reduction: **140 mln t / year**
- possibility of selling emission permits of up to **500 mio AAUs**



- ENERGY SAVING, THANKS TO IMPROVED ENERGY EFFICIENCY
- DEVELOPMENT OF **RES**
- NEW GENERATION OF UNITS IN POWER PLANTS
- CLEAN COAL TECHNOLOGY
- NUCLEAR ENERGY

Green Investment Scheme (GIS)

introduced by the Act of 17 July 2009 *on the System to Manage Emissions of Greenhouse Gases and Other Substances*

Regulation of 20 October 2009 *on types of programmes and projects to be carried out within the GIS*

GIS – priority programmes

1. Energy management in public building
2. Energy efficiency in district heating and co-generation
3. Biomass-fired power plants
4. Agricultural biogas plants
5. Upgrading electricity grid for connecting renewable wind energy sources

Where are we now?

- The legal basis and organisational structure in place
- **4 AAU Purchase Agreements signed** with EBRD on behalf of Spain and Ireland and two Japanese private entities for total amount **80 mln Euro**
- Next agreements under negotiations
- First calls for applications under GIS – June and July 2010
- Grant agreements with project owners – 2011
- Implementation of projects – 2011 – 2012

Grids and district heating

- **Grids development as a bottleneck for wind power development.**
- **Geographical preference for grids.**
- **Next year: development of the project portfolio and project pipeline for district heating.**
- **Good prospects for achieving substantial energy savings.**



Monitoring of greening

e

- **Experience in transparent monitoring procedures**
- **Verification of reports by independent auditors**
- **Monitoring reports once per year, financial reports twice per year**
- **Baseline and CO₂ reduction calculation and monitoring rules partly based on JI/CDM methodology**



GIS in Poland – ADVANTAGES

Transparent and Credible System

- Law and organisational structure in place
- Guarantee for greening of resources
- Appropriate institutional structure
- Credible system for projects monitoring
- Sub-accounts within the Climate account

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