



Economic stimulus package - Investments for urban development, Impulse for Construction industry

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Federal Reaction on economic crisis:

Two Economic Stimulus Packages of the Federal Government (in Bn. Euro)

Education, „Cash for Clunkers“, Roads, Buildings, Infrastructure, Research, Investments of the States



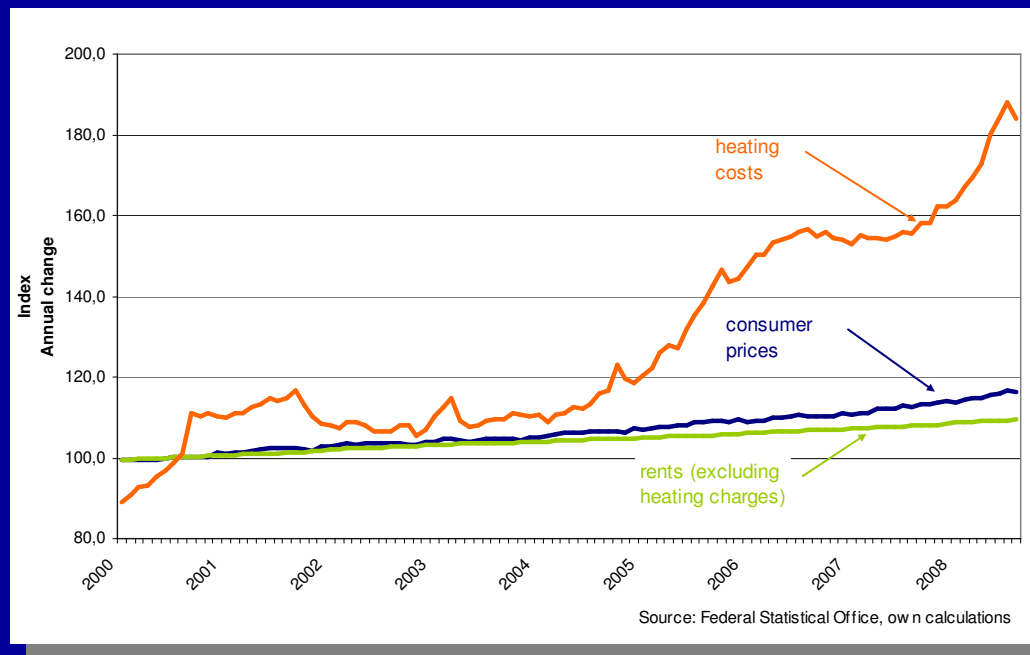
Core Subjects

- Two Economic Stimulus Packages of the Federal Government -> financial basis for orders to the construction industry
- Positive effects for the job market
- Main Emphasis:
 - Energetic Reconstructing of buildings and
 - Road Reconstructing



Why emphasis on energetic refurbishment?

- Increasing heating costs



- Cutting those costs opens other spendings in the future

Climate Protection and Energy Efficiency in Buildings – Political Framework EU and Germany

Goals of the EU



- ➔ Kyoto commitment: Reduce greenhouse gases (GHG) by a total of 21 % compared to 1990 (2008 – 2012)
- ➔ Reduce GHG by a total of 30% by 2020
- ➔ Increase of renewable energy to 20% of primary energy consumption by 2020
- ➔ Reduce energy consumption by 20% (compared to the trend) by 2020
- ➔ New (since november 2009): Upgrade of national building codes by launching nearly zero energy houses by 2020

additional Goals of Germany:

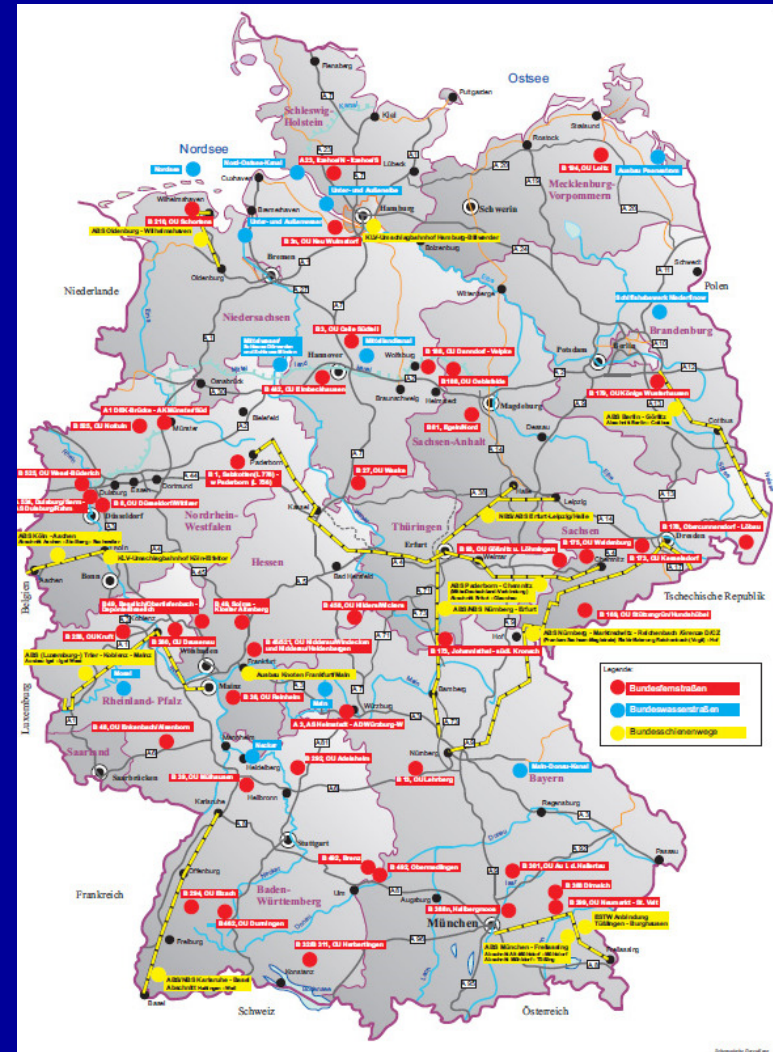


- ➔ Reduce GHG by a total of 40% (additional 10% compared to EU) by 2020
- ➔ **Integrated Energy and Climate Programme**

Support Program „Investments into Roads, Railway, Waterways“



- Federal spending: 1 Bn. Euro
- Goal: Fast realisation, therefore spending only in 2009 and 2010
- Realisation: Federal ministry with help of the States



Support Program „Reducing Carbondioxid Emmissions of Buildings“



- Legal obligations
 - ambitious energy standards
 - economic feasibility has to be ensured
 - energy certificates for dwellings
- Promotional programmes
 - 1,5 bn Euro per year for restoration of the building stock (2009-2011)
 - soft loans or grants for home owners
 - tied on qualified measures (energy savings up to 50 %)

Good Examples of energetic restoration: (supported by the German Energy Agency)

Single-family house in Oldenburg

- ➔ constructed in 1890
- ➔ before: 462 kWh/ m² / a
- ➔ after: 21 kWh/ m² / a
- ➔ savings (PE) 95%



Source: dena

Multi-family house in Pforzheim

- ➔ constructed in 1951
- ➔ before: 358 kWh/ m² / a
- ➔ after: 31 kWh/ m² / a
- ➔ savings (PE) 92%

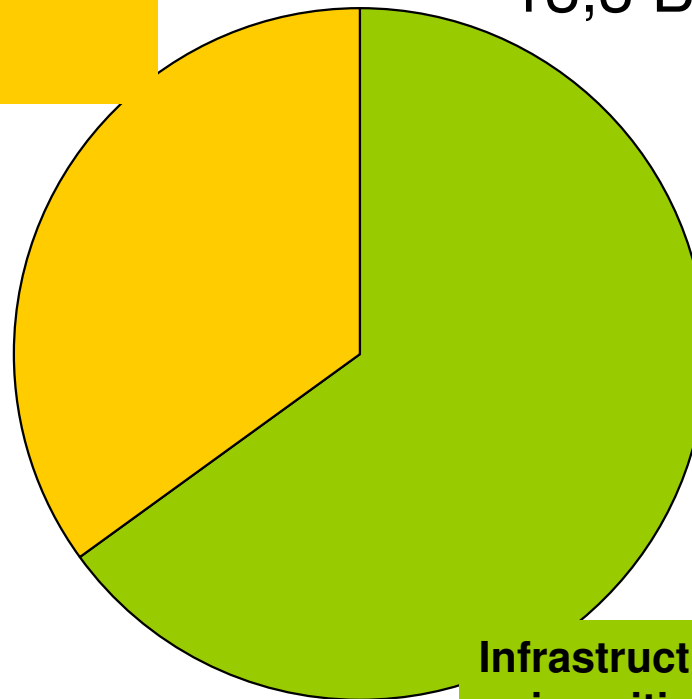


Source: dena

Support Program „Investments into Future Developments“

Infrastructure (hospitals, rural infrastructure, noise reduction, communication-technologies,...)

13,3 Bill. Euro



Infrastructure (Schools, kindergarten, universities, research buildings)
Main emphasis
Energetic restoration

Support program „Investments into Future Developments“



Bundesministerium
für Verkehr, Bau
und Stadtentwicklung

Federal ambition: communal investing

Very favourably conditions for the
Communities:

Investing 100 €: 75 € federal aid
15 € State aid
10 € Community co-payment

Support Program „Reconstructing and Development of World Heritage Sites“

- Federal spending: 220 Mio. Euro, co-payments by States and Communities
- Goal: helping tourism, maintain jobs

Support program „Age based converting of buildings“



Federal spending: 80 Mio. €

Support to owners to make homes useable for senior or handicapped persons

Hand out as soft loans or grants (via the KfW-Bank)

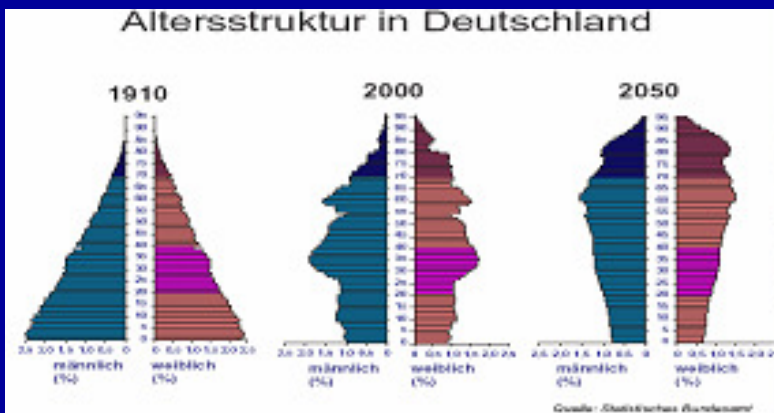
Realisation of the support programs only under consideration of the following:



Globalization



Social change



Demographic change



Climate change

Look into the future ...

So far:

- No 3. Stimulus package necessary
- Economic is growing again
- Federal Budget: very little room for additional spendings

For further information:

Via Internet:

www.bmvbs.de/en

www.dena.de/en

www.kfw-foerderbank.de/en



Thank you for your attention!