



GLOBE EU Earth Overshoot Day, 22 Sept.

„ON THE ROAD TO PARIS“

Partnerships: including non-state and sub-national actors in the Paris climate negotiations

North Rhine-Westphalia's Climate Protection Policy





“ Energy Region No. 1” in Germany & Europe

- 17.8 million inhabitants (21,7% of Germany)
- 34,000 km² in area (NDL 41.500 km²)
- GDP: 599,8 billion € (Germany No. 1, worldwide No.19)
- 150 million consumers within a radius of 500 km

Energy sector in NRW (2012)

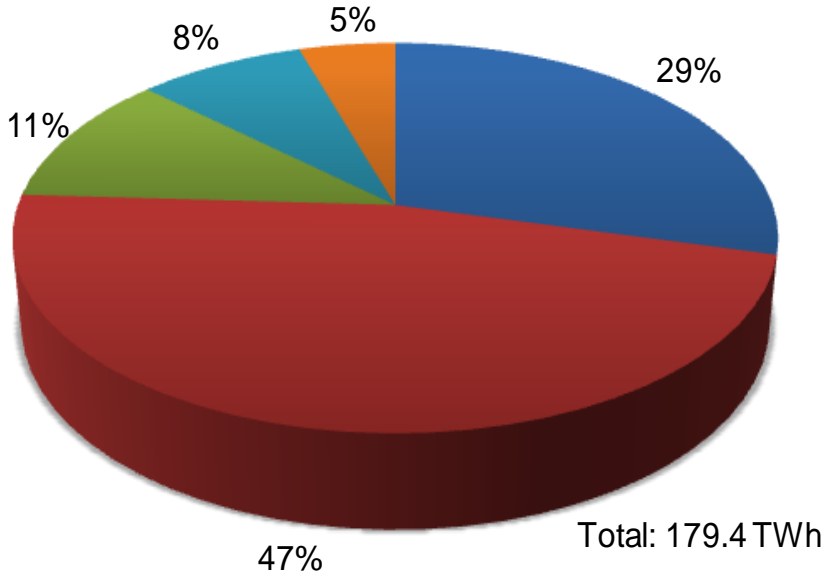
- 28% of German electricity production (179.4 TWh)
- 24% of German electricity consumption (146.1 TWh)
- 44,260 MW_{el} installed power generation capacity
- No nuclear energy
- **28.5 % of electricity generation from renewable energies** (2014 - 14.9 TWh, factor 4 since 2005)
- 200,000 employees in energy sector (of whom 28,000 are in the area of renewable energies)



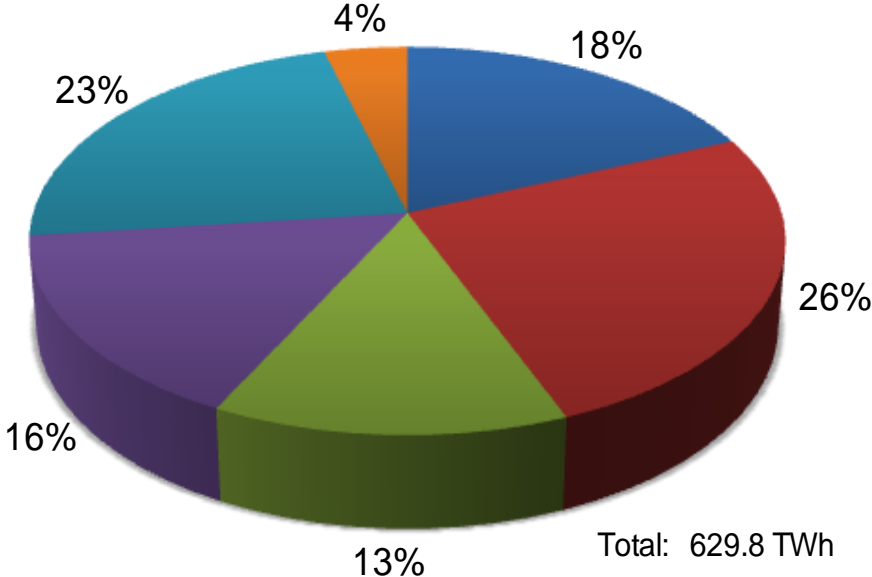


Electricity Generation by Source 2011

NRW



Germany

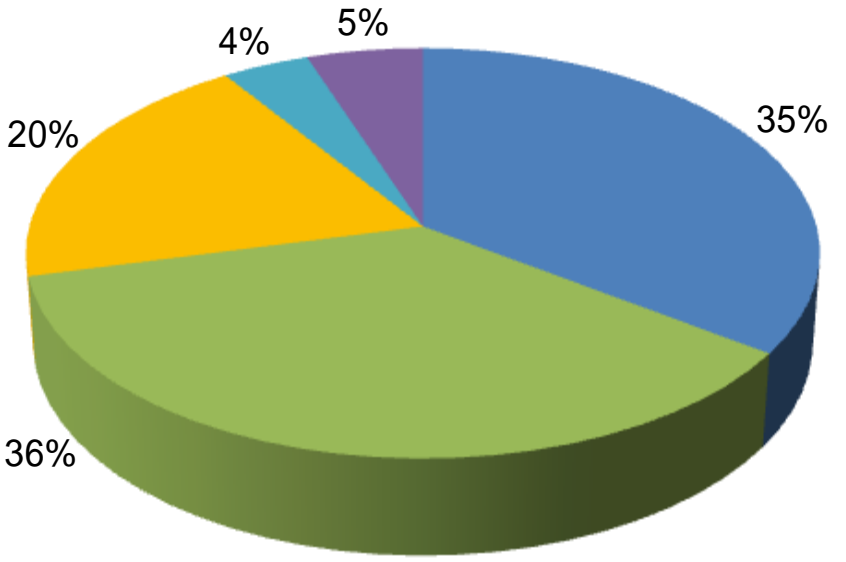


■ Hard Coal ■ Lignite ■ Gas / Oil ■ Nuclear ■ Renewables ■ Other



Renewables in NRW 2012

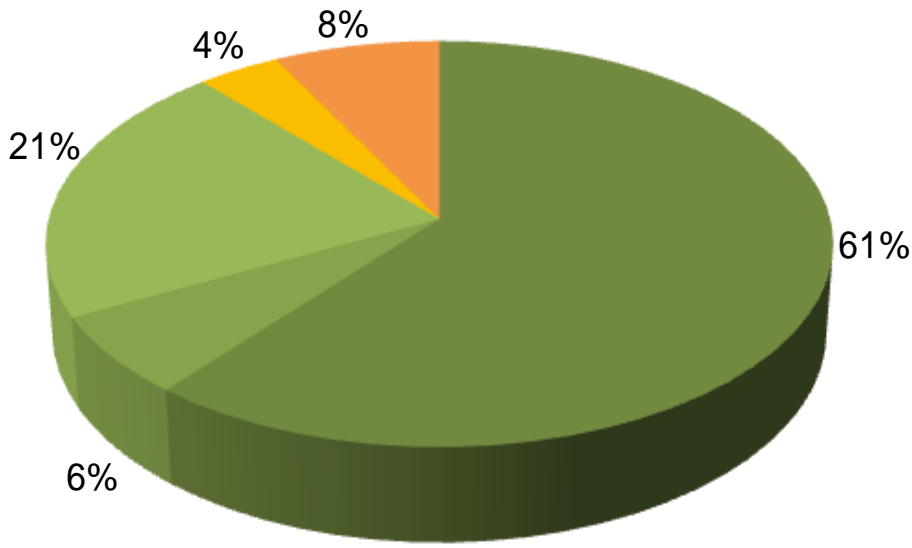
Renewable Power Generation



- Wind Power
- Biomass
- Photovoltaics
- Hydro Power
- Mine Gas

Total: 14.9 TWh

Renewable Heat Generation

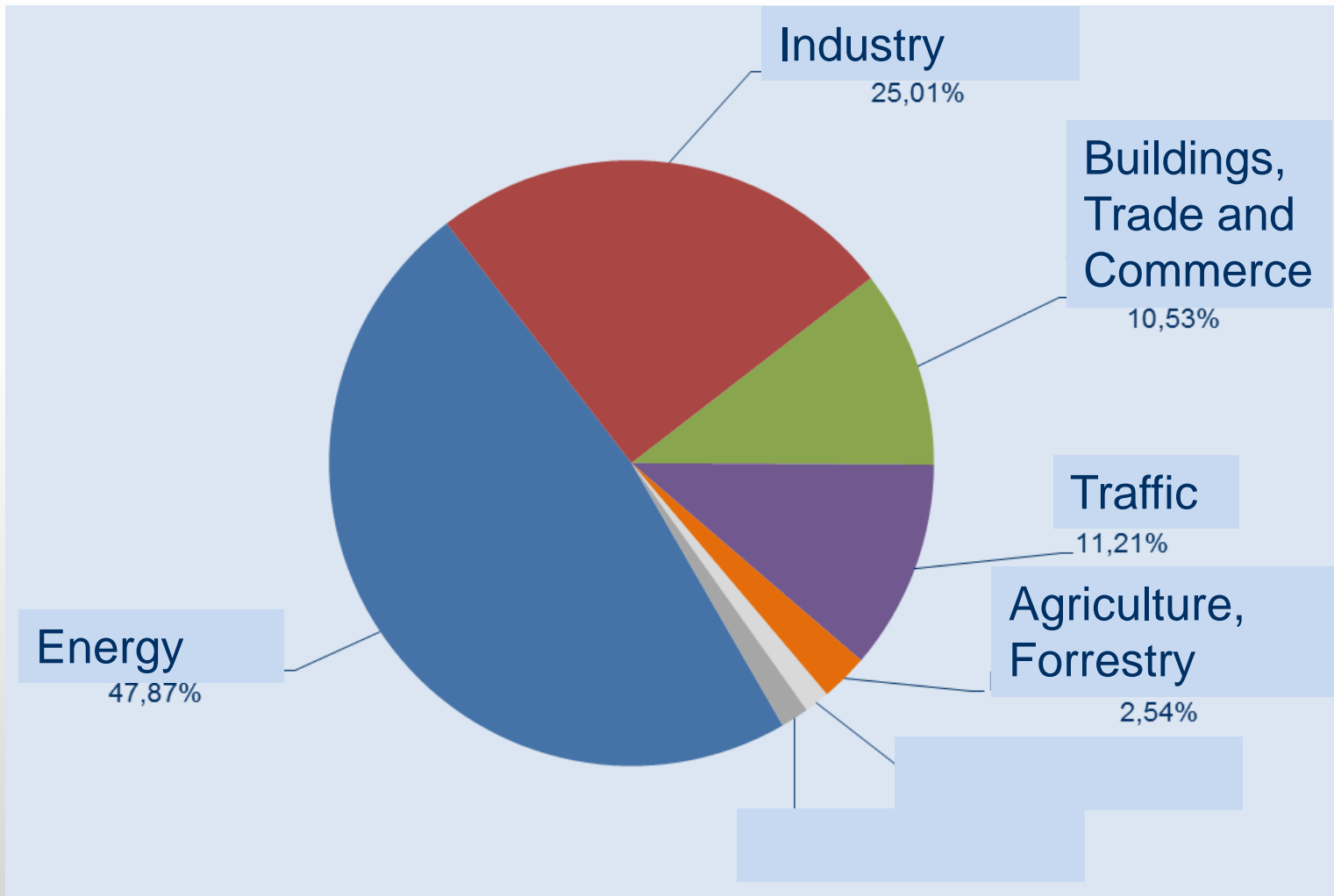


- Biomass solid
- Biomogas
- Other Biomass
- Solar heating
- Near-surface geothermal Energy

Total: 16.1 TWh



GHG-Emissions in NRW 2012





North Rhine-Westphalia's Climate Policy



Climate Protection Policy – three elements:

Climate Protection Starting Programme

Climate Protection Act

Climate Protection Plan



Climate Protection Starting Programme

(launched October 2011, total volume of more than 100 million Euros)

Climate Protection Starting Programm (selection of measures)

- efficiency fund for housing stock
- consulting for local communities
- promotion of wind energy
- efficiency credit for SMEs
- promotion of combined heat & power generation
- climate neutral administration
- promotion of wind energy



Climate Protection Act:

Launched in January 2013

Goals

- Reduction of GHG emissions in North Rhine-Westphalia: at least **25% by 2020**, at least **80% by 2050** (vs. 1990) (**national -40%/-80-95%**)
- Expansion of renewable energies, resource and energy efficiency, energy conservation
- Limit negative climate change impacts through adaptation measures

➔ Goals to be achieved through the drafting of a **Climate Protection Plan**





Climate Protection Plan: Participatory concept

- Full participation of stakeholders from different societal groups and local authority associations in a wide-scale dialogue and participation process
- **Goals:** avoid/minimize conflicts, achieve better results, secure support for implementation, establish new forms of cooperation, dissolve contrasts between economy and ecology





Participation Process: The Conception Phase

- **Composition of working groups**

About 30 experts from environment-/conservation organisations, trade associations, private sector, energy sector, industry, trade unions, chambers of commerce, local associations, academia, consumer organisations, etc.

- **Objective**

Professional development of strategies (intermediate and long term) and measures (short-term) to achieve the climate protection goals in NRW



The working groups proposed more than **360 climate change mitigation and adaptation measures**



Workshop for Citizens



Congress for Companies



Showcase-NRW: KlimaExpo

The screenshot shows the homepage of KlimaExpo.NRW. At the top, there are language options (DE, EN) and a search bar. The main header features the logo 'KlimaExpo.NRW Engine for Progress' and the text 'Die Landesregierung Nordrhein-Westfalen' with the state's coat of arms. A navigation menu includes 'KlimaExpo.NRW', 'News', 'Projects', 'Stakeholders', and 'Press'. The main content area is divided into three sections: a large image of a person on a car roof with wind turbines in the background; a 'STEP COUNTER' widget showing '0010' steps completed towards a goal of 1,000 steps by 2022; and three smaller content blocks: '1.000 STEPS' (kick-off event on June 30, 2014), 'CALENDAR' (listing events like interviews and congresses), and 'BLOG' (international blog presenting topical themes).

DE EN

KlimaExpo.NRW
Engine for Progress

Die Landesregierung
Nordrhein-Westfalen

KlimaExpo.NRW News Projects Stakeholders Press

STEP COUNTER

ALREADY

0010

OF 1,000 STEPS
TO 2022

An overview of all
Steps can be found [here](#)

1.000 STEPS

LOFTHAUS

Step 01 of 1,000:

The kick-off event of KlimaExpo.NRW is being held on 30 June 2014. Register here.

CALENDAR

Calendar

You will find interesting events e. g. interviews, exhibitions, congresses in our calendar.

BLOG

The KlimaBlog.NRW

In this international blog, KlimaExpo will in future be regularly presenting topical themes and trends.

<http://www.klimaexpo-nrw.de/en/klimaexponrw/>



Subnational governments are partnering to advance a Memorandum of Understanding (MOU) on Subnational Global Climate Leadership.

Acre (Brasilia); Baja California (Mexico); British Columbia (Kanada); California (USA); Catalonia (Spain); Rhône-Alpes (France) and Wales and Sccotland in the UK *and North Rhine-Westphalia*



Thank you for your attention!

