

WORLD
in Stockholm,
August 31-September 5, 2014
WATER
WEEK

Presentation from the
2014 World Water Week in Stockholm

www.worldwaterweek.org

OUR ENERGY POLICY

Understanding decision making

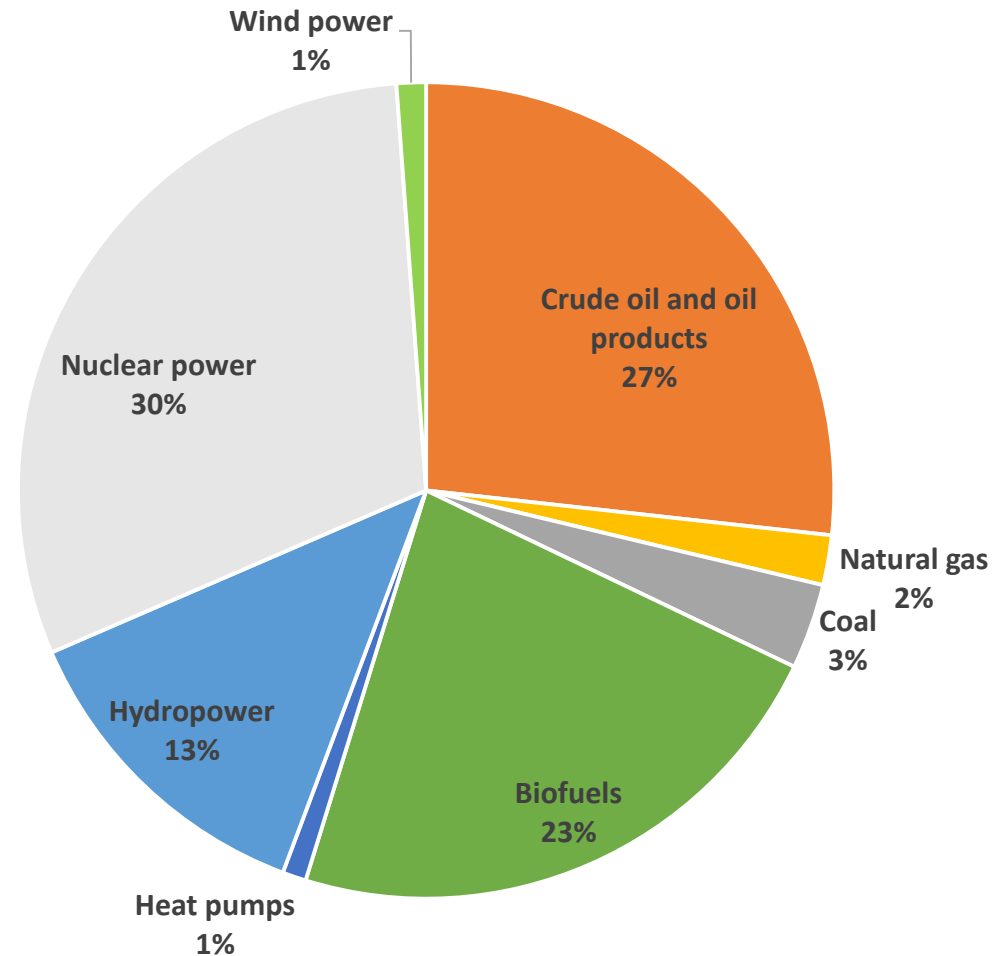
2014-09-03



Energy Supply in Sweden

Energy Supply, 2012, TWh

Nuclear power	188
Crude oil	165
Biofuels	140
Hydropower	79
Coal	21
Natural gas	12
Wind power	7
Heat pumps	6

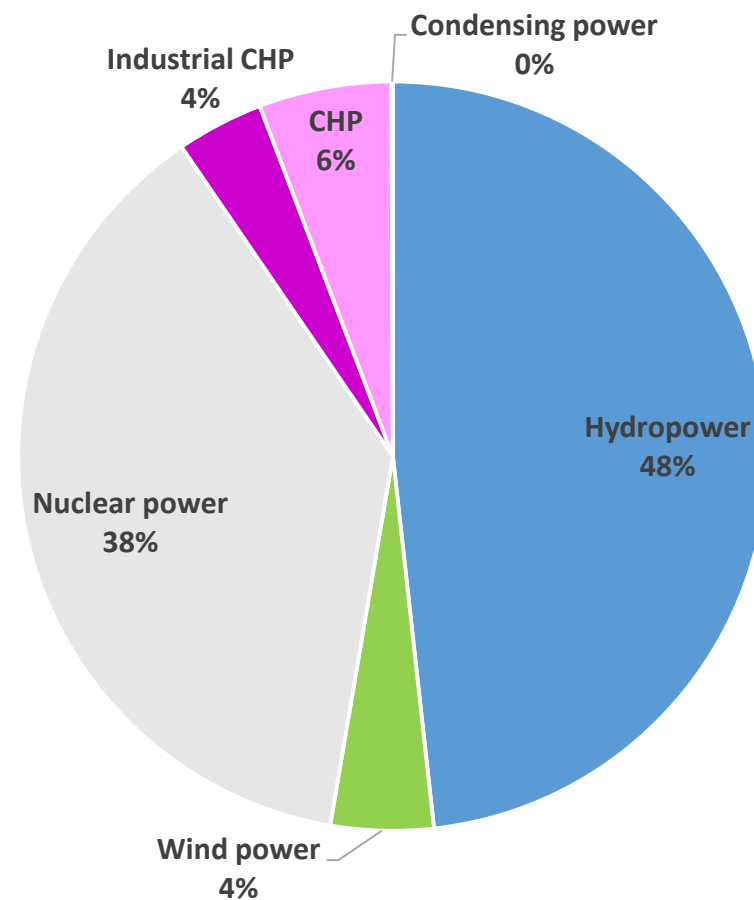


Electricity production in Sweden

Electricity production, 2012, TWh

Hydropower	78,4
Nuclear power	61,4
CHP*	9,3
Wind power	7,2
Industrial CHP*	6,1
Condensing power	0,1

*Combined Heat and Power Plant



The Alliance Energy Agreement

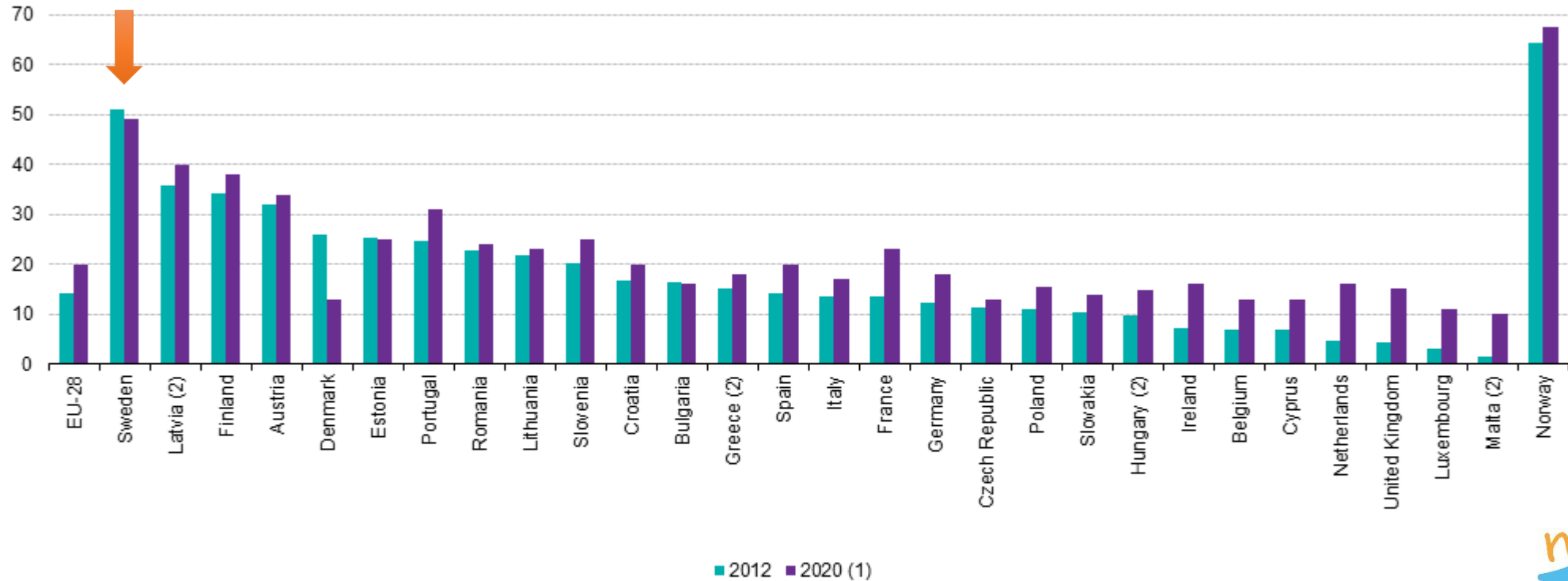
- Our energy policy rests on three pillars: hydro, nuclear and renewable energy.
- The Alliance Energy Agreement of 2009: Allows for both the development of renewable energy and allows new nuclear plants to replace old ones (although without state funding).
- We want to see an ambitious global climate policy where all countries take responsibility.
- In the negotiations regarding the EU's new climate framework for 2030, the alliance-led government has been a driving force to speed up the process.
- The goal is to meet a global agreement at the UN climate conference in Paris 2015.

Carbon neutrality by 2050

- The goal of our energy policy is a carbon neutral energy production.
- Our vision is that Sweden by 2050 will not have any net emissions of greenhouse gases into the atmosphere.
- To achieve this, we will continue to strengthen the Swedish-Norwegian electricity certificate system for renewable energy sources.
- We are also adding more resources to our national energy efficiency program 2014-2020 and extends our program for municipal energy and climate advice.
- Sweden is No.1 the world in terms of reducing emissions and promoting renewable energy. With 51 % renewable energy and 15 % biofuels in the transport sector, we have already reached our goal for 2020.
- During our past 8 years in office, wind power have ten-folded.

Renewables in the EU

Share of renewables in gross final energy consumption, 2012 and 2020 (%)



(1) Legally binding targets for 2020.

(2) 2012: estimate.

Source: Eurostat (online data code: t2020_31)

Economic growth and carbon reduction

Our position regarding the EU's new climate framework for 2030:

- The Moderate Party, along with the Alliance, wants to see one binding goal of 50 % carbon reductions where 10 % comes from climate investments in other countries.
- We want to see at least 27 % renewable energy and a new contract for energy efficiency, as soon as we have had time to implement the existing agreement.
- We think that the EU climate framework should be focused on the problem we want to solve, namely to reduce emissions of carbon dioxide, rather than setting several goals making it unnecessarily expensive and complicated to reduce emissions.
- To reach a successful agreement with other EU countries as well as the rest of the world we must show that we can combine reduced emissions with economic growth.

Yes! It can be done

**In Sweden: 27 percent less emissions since 1990.
Growth of the economy increased with about 60 percent.**

- 14 % lower emissions since 2006.
- Increased budget for environment with 5 billion SEK since 2006.
- Increased budget for research and development
- Increased budget for education
- Increased budget for infrastructure

Four more years with the Moderate Party and the Alliance

- An additional 350 000 jobs and over 5 million in the Swedish workforce by 2020.
- Revision of hydropower conditions in order to adjust our hydropower plants to new goals of biodiversity and protection of natural assets.
- Continued promotion of wind and solar energy with a new system for tax reduction for micro-production of green electricity.
- Continued development of the Swedish-Norwegian electricity certificate system.
- A green investment fund of 700 million SEK for increased research and development of green technology.
- Development of a Climate Roadmap on how to reach our goal of no net emissions of carbon dioxide by 2050.



Fresh from the press: the Alliance manifesto!

Climate and Environment World leader

Polluters Pay Principle

Carbon tax

European cooperation – Global treaty

Technology!

Climate Policy Checkpoint 2015

Energy export

More efficient process for joining the grid

EU Climate and Energy road map



Who will run Sweden?

- The Alliance!

Four parties who work well together
We are used to cooperation

- Or the Social Democrats + the Left Party + the Green Party?

Huge differences among the opposition parties on energy taxation, nuclear power, EU, energy export and - state budget!



Thank you!

sofia.arkelsten@riksdagen.se
twitter.com/arkelsten

