EU 2020 Renewables Targets - are we on track to deliver?

Hans van Steen, European Commission

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Progress to date...

EU renewable energy shares

Eurostat
Technology Results from the National Renewable Energy Action Plans

- Heat pumps
- Biomass
- Wind
- Tide, wave, ocean
- Solar
- Geothermal
- Hydro

ktoe
Technology breakdown - electricity
Technology breakdown – heating/cooling

![Graph showing technology breakdown for heating and cooling from 2010 to 2020. The graph indicates increasing trends for Geothermal Heat, Solar Heat, Heat pumps, and Biomass Heat. Each category is represented by a different color, with Geothermal Heat being the highest in 2020.](image-url)
Technology breakdown – transport

- 2nd generation
- Hydrogen
- Other Biofuels
- Electricity in transport
- Bioethanol
- Biodiesel
National Renewable Energy Action Plans indicate:

- Planned growth to 2020 leading to 20.6% by 2020
- Majority of MS will reach the targets by domestic production, 2-4 MS partly rely on cooperation mechanisms
- Total renewable energy consumption will double from 99 Mtoe (2005) to 245 Mtoe (2020)
- Combined EU renewable energy shares in the 3 sectors in 2020 (projections):
  - Electricity from renewable sources – 34%
  - Heating & cooling from renewable sources– 21.5%
  - Transport from renewable sources– 11%
Thank you for your attention