

Combined Heat and Power provides important primary energy savings while producing heat and electricity: Cogeneration Roadmap for Belgium published



PRESS RELEASE
December 4th, 2014

Combined Heat and Power (CHP), with an installed capacity of 2700 MW, produces 13% of consumed electricity in Belgium, based on both fossil and renewable sources. This is almost equal to the total installed nuclear capacity of Doel. In addition, CHP achieves primary energy savings of about 10.000 GWh in Flanders alone. This saving corresponds to the fuel savings of an average province with just passive houses. This saving is accompanied by a reduction of emissions and a reduced energy dependency. The cogeneration roadmap demonstrates there is still room for growth of CHP capacity.

The latest assessment of the potential for CHP in Belgium was published today. It was developed through a process of discussion and exchanges with experts. The CODE 2 project assessed the policy framework, market conditions and awareness around cogeneration in each EU Member State.

The report calls for action on:

- A sustainable and efficient energy policy should focus on both electricity and heat, as heat represents 60% of our total energy demand;
- CHP could provide grid support because of its controllability. This should be stimulated by both the networks tariffs and the electricity market;
- Promote research and development of CHP in function of the changing needs of the energy system.

By developing National Cogeneration Roadmaps for 27 EU Member States plus the EU as a whole, the CODE 2 project – co-funded by the European Commission (Intelligent Energy Europe; IEE) – highlights the barriers still remaining for CHP in Europe. The roadmaps look at the policy framework, market conditions and awareness around cogeneration in Europe and propose a way forward for the sector that contributes to Europe's 2020 and 2030 energy and climate goals.

CODE 2 offers Member States a concrete way forward for CHP. Paying special attention to the implementation of the Energy Efficiency Directive and the contribution of CHP to national heating and cooling plans, the project outlines a path towards realising the EU's cogeneration potential, and seeks to accelerate cogeneration's penetration into industry by highlighting key markets and policy interactions around cogeneration.

The CODE 2 project is delivering its final results this year and they are being published on the project website (www.code2-project.eu).

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Co-funded by the Intelligent Energy Europe
Programme of the European Union

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