



碳减排先锋
Defensores do Clima
クライメート・セイバーズ
Climate Savers



All for sustainability. Sustainability for all

Eneco is a Dutch energy company with the ambition of becoming the leading sustainable energy company in North-West Europe.



Prinses Amalia Wind Farm

Located on the Dutch continental shelf, 23 km off the coast, this wind farm consists of 60 turbines spread over 14 square kilometers. The 120 MW wind farm supplies enough electricity for 120,000 households, while avoiding 225,000 tons of CO₂ emissions a year.

How Eneco has promised to fight climate change

Eneco's WWF Climate Savers commitments are:

- By 2013 sustainable electricity production will amount to 20% of total supply.
- In the period 2011-2013, CO₂ emissions from all production facilities will not exceed an average of 300 grams per kWh, aiming at a CO₂ intensity of 200grams per kWh by 2020.
- In 2013, the consumer energy label will indicate that 20% of electricity is dark green electricity.¹
- By 2013 the CO₂ emissions resulting from internal business operations will be 50% lower than in 2007.
- WWF-Netherlands and Eneco will work together to develop the concept of 'smart energy city'.

How Eneco plans to do this

Eneco's vision is: sustainable energy for everyone. In the long term, this will generate most economic and social value. The company wants their customers to be able to count on reliable and affordable energy, today and in the future. In order to achieve that Eneco is focusing on smart use of energy and renewable energy. Eneco believes that they can achieve more by working together with stakeholder groups such as customers, governments and NGO's. Therefore, they formed a partnership with WWF-Netherlands; participating in the Climate Savers programme plays an important role in realising their ambition.

Sustainable energy production

Eneco is investing substantially throughout Europe in sustainable energy production; onshore and offshore wind farms, thermal and solar energy, biomass and hydropower. Eneco's dependence on the generation of 'grey' energy is limited, and the company will not invest in coal and nuclear energy. By 2013, 20% of its supply will be generated by sustainable sources. As early as 2030, Eneco expects their electricity supply to be entirely sustainable.

“Eneco is working towards a world running on 100% renewable energy. This is a vision we share with WWF. Together we can achieve more. We can help ensure the future availability of energy and protect nature by fighting climate change. The partnership with WWF’s Climate Savers programme will contribute to inspire and motivate others towards sustainability.”

Jeroen de Haas, CEO



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Efficient natural gas plant

To ensure the continuous supply of energy to their customers, the company invests in clean gas plants and gas storage. Eneco sees gas as a 'transition' fuel until they have enough energy from sustainable sources. Gas plants supply energy on a flexible basis when there is insufficient wind or sunlight. The company ensures that the emission of the electricity they produce is less than 300 grams CO₂ per kWh, which places Eneco among the cleanest electricity producers in Europe.

In 2009 Eneco and DONG Energy started the construction of Enecogen, the cleanest power plant in Europe. The gas fired power plant will have a DeNOx installation that reduces the nitrogen emissions by 80% and is expected to emit around 25% less CO₂ than other energy plants. Enecogen will be operational in 2011 with a capacity of 870 MW, enough to provide electricity to two million households.

Increasing sustainable supply

In three years time, Eneco's consumer energy label will indicate that 20% of its electricity is dark green. In this way the company uses its sustainable sources to continue 'greening' its customer portfolio.

Reducing CO₂ emissions of internal business operations

Eneco has committed to reduce its own CO₂ emissions by 50% in 2013 compared to 2007 by saving on energy and increasing the use of green electricity (Ecostroom®)². Eneco will also move to a new sustainable head office in 2012. The design and construction, together with an efficient use of the building, will contribute to achieving these goals. The company will also improve their employees' regulations on mobility in a sustainable way. After all, Eneco is increasing the number of electric cars in their own fleet.

Innovation

Eneco will be continuously developing innovative sustainable energy solutions, products and services. For instance, WWF-Netherlands and Eneco will work together to develop the concept of a 'smart energy city'. This will result in a pilot area where residents produce their own energy. The pilot project will have smart grids to enable this decentralized production, and stimulates customers to save energy.

¹ Dark green electricity: generated by own sustainable facilities and/or supplied by sustainable energy producers with which Eneco has concluded long-term contracts.

² Ecostroom®: Eneco's product name for green power.