

Danish Tech

Global climate change poses significant technological challenges. In the worldwide search for new solutions, climate issues can be a catalyst for new ways of thinking in greener and cleaner technologies. In Danish industry the words “green” and “clean” have already become an essential part of the technological vocabulary.

What does it take to secure a greener and cleaner future?

From a technological viewpoint, providing solutions to the global challenges of climate change involves making existing technologies greener and cleaner as well as developing new climate-friendly technologies. But the foundation for securing a green future is a strong emphasis on research and education. Only by grooming a generation of green-savvy scientists and educating the public about renewable energy, sustainability and climate-friendly behaviour will Denmark remain a frontrunner in the battle against climate change.

How do we educate a new climate generation?

The Danish Ministry of Education has launched a variety of climate initiatives designed to equip future generations with broad knowledge of the climate issue’s many perspectives. One example is Teacherscop15.dk, an international website on climate issues designed to help teachers inspire and learn from each other, share resources and help one another in educating a new climate generation. The eyes of the world will be on climate change during COP15. During this event, teachers worldwide will have a chance to come together as never before.

How do we fuel the development of green and clean technology?

In Denmark, climate-friendly technological developments have had a significant impact on our way of living. Decades ago, Denmark recognised the need to protect the environment and to promote and safeguard sustainable development. As a result, the country has accumulated in-depth experience in sustainable generation of energy, energy efficiency, district heating, waste water treatment and waste management.

During the 1970s Denmark pioneered commercial development of wind power and today almost half the world’s wind turbines are produced by Danish manufacturers. In fact, Danish exports of energy technology and equipment have more than tripled in the last decade, outperforming most other Danish export areas. Danish expertise in wind energy is second to none, and Danish companies are still the market leaders in wind power technology. According to the Danish Wind Industry Association, it accounted for 7.2% of the total Danish exports in 2008.

How do we share local know-how, globally?

The outcome of Denmark’s focus on green research and 30 years of energy technology development is highlighted on the web portal, EnergyMap.dk. This easy-to-use resource for tackling climate change features unique cleantech solutions from Danish companies and research institutions, and embodies the very best of what is called Danish tech. With Energymap.dk Denmark hopes to make the words “green” and “clean” a part of the vocabulary of industries all over the world.