

Can we really create those 5 million new green jobs?

With the help of the Halden Centre of Expertise
- yes we can!

The Halden Centre of Expertise helps energy companies to turn market changes and market challenges into market opportunities

The world's energy system is at a crossroads

The global economy demands more energy, while the globe demands lower emissions. 50% of global emissions stem from energy production. Achieving the ambitious goal of creating a sustainable environment through low carbon solutions requires big changes in energy systems. The energy industry is facing rapid and radical changes to business conditions, market designs and policy instruments. These changes pose significant challenges for the energy industry, such as trading new instruments, understanding the interdependence of different energy and non-energy commodities and instruments, and changes in working processes, methods and tools. The

key to managing these changes and challenges and achieving world-class performance, is world-class competence.

Long experience and unique expertise in international competitive energy trading

Academia, energy trading industries and public authorities have all joined forces to create a network based upon solving these challenges by establishing a highly specialized international centre for R&D and education. In 1991 the Halden cluster developed the world's first system for a competitive energy trading market. In 2005, this same cluster delivered the first system for emissions trading. For this work, in 2008 the Halden Centre of

Expertise was awarded the Norwegian prize for "Green IT". New energy and IT-related businesses with clients worldwide have been established as spin-offs from the R&D activities associated with the Institute for Energy Technology and the OECD Halden Reactor Project. At the intersection between energy, engineering, IT and finance, the cluster of energy and technology-related businesses located in Halden has established solid international acceptance of its unique expertise.

Preparing for the future through green growth

The Halden Centre of Expertise provides its partners with the opportunity to develop critical competence in energy and emissions trading through our

unique masters and PhD studies. In our scenario and simulation centre our partners can test out new products, new strategies and market designs. We invite our partners, and our partners' partners, to participate on research projects to discover innovative solutions and gain first access to new knowledge. Our partners play an active role in shaping the rules which govern the energy industry.

So, if your company is preparing its future for green growth, the Halden Centre of Expertise invites you to consider joining our industry leading partnership in Energy and Emissions Trading.

Please visit www.haldencoE.com for more information.

Halden CoE Industry and Research Partners: Statkraft, NASDAQ OMX, Point Carbon, Det Norske Veritas, Fortum Markets, Østfold Energi, DnB NOR Markets, Hydro Energi, Montel, Navita Systems, Tieto, Institute for Energy Technology, Østfoldforskning, Østfold University College, Norwegian University of Life Sciences


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