Rethinking Energy: Lessons from Samsø

A 5-day workshop offered by the Samsø Energy Academy and College of the Atlantic for leaders in government, business & education

- Understanding the Samsø transition
- Energy and the Economy: Opportunities for individuals and businesses
- Policy and Profit: How success translates in a U.S. context
- Tours: Biomass district heating, Solar, Wind, Transportation
- Activities: Golf, Horseback Riding, Sailing, Hiking.
- Evening Community Reception

In 2007, Samsø Island, Denmark, became a carbon negative island producing more renewable energy than they consume. This 10-year effort, led by Søren Hermansen, maximized community engagement and economic rejuvenation.

In this workshop participants will see first hand how the transformation created opportunities for both individuals and businesses. We will explore how the successes of Samsø can be translated to a U.S. context given the social, economic and political differences.

The workshop will be led by Søren Hermansen, Director of the Samsø Energy Academy and Anna Demeo, Director of Energy Education and Management at College of the Atlantic. Instructors include Energy Academy faculty: Malene Lunden, Michael Kristensen and Jan Jantzen.

5-Day Workshop on Samsø Island, Denmark: May 30th – June 3rd

Location: Samsø Energy Academy, Samsø Island, Denmark
Fee: $3600 USD*
Register: ademeo@coa.edu (207) 266-1566

*Fee Includes: Course materials and instruction, lodging for 5 nights, breakfast and lunch for 5 days, and transportation on Samsø.
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Instructor Bios

**Søren Hermansen** is the director of Samsø Energy Academy and the head of the Samsø renewable energy island project, which he has been working on for over 10 years. His mission is to demonstrate that it is possible to create a society, which is self-sufficient and 100% based on renewable energy. In 2008, Mr. Hermansen was named one for the ‘Heroes of the Environment’ by Time Magazine. In 2009, he was awarded the Gothenborg Award – the Nobel prize of the environment. Other awards include the Energy Globe 2008 and Eurosolar 2002. Mr. Hermansen is an adjunct professor at Aalborg University.

**Anna Demeo, PhD** is the Director of Energy Education and Management at the College of the Atlantic. She teaches physics and engineering with a focus on project based, renewable energy courses. Dr. Demeo spent over 10 years in industry as an electrical engineer specializing in system design. Her current research, “A three-pronged approach to community scale renewable energy: education, incremental capital investment and smart grid technology”, reflects her interdisciplinary approach to sustainable energy, combining community outreach, economics, education and technology.

**Jan Jantzen, PhD** has a background in electrical engineering, software systems, and renewable energy. He is an engineer at the Samso Energy Academy and an adjunct Professor at the University of the Aegean at Chios Island, Greece. Dr. Jantzen was a professor of automatic control at DTU for five years and worked as a consultant for the Swedish power company. He is author of *Foundations of Fuzzy Control*, Wiley, 2007, 2nd ed. in 2013.

**Malena Lunden** is a project leader and facilitator at the Samsø Energy Academy. She has worked as a consultant on education, communication and development for over 10 years. Ms. Lunden created a grant-funded business plan for development and teaching, including both public education and commercial knowledge. She helped develop the electronic and design communication platform for “Samsø 2.0” and, in 2007, authored “Samsø – a renewable Energy Island. 10 years of Development and Evaluation”.

**Michael Kristensen** is a Project Manager at the Samsø Energy Academy and member of the municipal council and chairman of the technical committee. Mr. Kristensen is manager of Energitetjenesten Øerne, which is an independent energy advice service with the aim to promote behaviors and decisions about energy. He is a member of the municipal council and chairman of the technical committee.

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