Profile
Michael Kristensen (born 1972), project manager and energy counselor.
Practical and technical coordinator.
Competence builder.

Languages
Danish, English.

Education /Courses

2010-16: continuous courses in energy efficiency and optimization:

Insulation, Rockwool, Energy Services.
Heat pumps, Nilan, Energy Services.
Heat pump counseling, Energy Service.
Small turbines course, Energy Services
Post-insulation, moisture and building engineering, Tech College Aalborg.
Sustainable Green Roofing, Easy Flex Roofing.
SabetoFlex Course for Advisers on VE- based heating systems, The Technological Institute.

Experience

2018- Chairman Samsø Municipal Wind Company.
2018- Board member Samsø Spildevand (Samsø Wastewater).
2017 - Board member Samsø Biogas.
2017 - Board member Samsø Havvind (Samsø Seawind).
2016 - Coordinator of the technical project portfolio at Samsø Energy Academy.
2014 - Member of the municipal council, Samsø Municipality.
2014 - Chairman of the Technical and Environmental Committee, Samsø Municipality.
2011- Leader of the Energy Service Islands (Ærø, Bornholm and Samsø).
2009 - Energy Adviser, Energy Services Samsø.
2009 - Project Manager / Energy Adviser, Samsø Energy Academy.

Skills

2010 – present: Implementing Samsø's new Master Plan 2.0 - Fossil Free Island 2030, including writing and applying different projects that help achieve the goals of the 2.0 Master Plan.

Practical and technical coordination of energy systems at Samsø in connection with Masterplan 2, including establishment of biogas plants, competence building of the population and the interconnection of Samsø's different energy resources.

Project leader on EU projects with local anchorage such as:

The Smart Grid pilot project SMILE in Ballen boat and ferry port.
The NIGHT LIGHT project on energy optimization and awareness of night lighting.

Globally, Michael manages the "Islands of Innovation"-project on behalf of the Energy Academy, where pioneer society teaches and exchanges good practices and experiences through workshops.

2009-17: Leader of various energy optimizing projects at Samsø such as:

The Feasability Study on Biogas for Transport.
The Smart Grid Project in Agriculture.
The Smart Use Project where the locals on Samsø learned about savings and monitoring of their district heating consumption.
'Understand Your Energy Mark' on energy-efficient renovation.
The Night Hawks project for the businessmen at Samsø on energy savings in stores.

Publications

Jantzen, J., Kristensen, M. & Christensen, T.H., 2018. Sociotechnical transition to smart energy: The case of Samso 1997-2030. Energy Volume 162, 1 november 2018, Pages 20-34 (2018).

2017: Jantzen, J., Kristensen, M. & Christensen, T.H., 2017. Smart Energy for the End-User: A Feasibility Study from Samso, Denmark. In Proc. 12th conf. on Sustainable Development of Energy, Water and Environment Systems, SDEWES (2017).

From biogas to transportation – a feasability study of a biogas chain on Samsø (2015).

Household Energy Checks. International Journal of Engineering and Management 6 (2): pp. 73-90. ISSN 0975-4490. Jantzen, J. & Kristensen, M. (2014).

For inspiration

In addition to his many completed courses in engineering and energy optimization, Michael has an apprenticeship as a thatcher and a carpenter from Jan Ek on Samsø, and since then had his own thatcher company on the island where he has taken good care of the island's oldest houses.

He also has a firefighter education and volunteers in Samsø Redningskorps (Samsø Rescue Service) and the Tranebjerg Sports Association.