



## WelTech – Welfare Technology

WelTech is the leading company in Europe, when it comes to Welfare Technology.

WelTech develops markets and sells solutions that contribute to better living conditions for sick and disabled citizens throughout the world.

Our vision is the following:

"We will through innovation and creative thinking, strengthen the sick and disabled living conditions and quality of life. We will be the number 1 supplier of solutions in Welfare Technology and our customer's number one choice."

We work exclusively with solutions that are commercially interesting. We do not focus on developing technological state of the art solutions, but solutions that give the user the best experience, both in terms of service, pedagogy and security. Employees are working in small independent teams, and help develop future solutions that allow users to act more freely.

The company is located in the Region of Southern Denmark. The region has welfare technology as one of its key focus areas, which contribute greatly to the company's success and growth.

As an employee of WelTech you will be part of a dedicated team, get some of the most competent colleagues on the welfare technological field and the best platform for your new career.

CEO: Henrik Brændstrup

CTO: Thiusius Rajeeth Savariuthu

The desire to reduce energy consumption in existing housing, companies and institutions are becoming more and more relevant - mainly because of rising heating costs but also because there is a greater awareness from homeowners to use resources optimally.

The project aims to achieve an economic gain by refurbish buildings and change the way we handle heat and power. The project will reduce energy consumption and thus CO2 emissions, and at the same time the home owner receives an economic profit and creates green jobs.

Therefore, "*J + M Building – The Energy Lean Domestic*" offer solutions around the following areas that can help to optimize the energy consumption:

**Green energy**  
**Power consumption analysis**  
**Water Consumption analysis**

### Changing behavior:

One important scope of the project is that technology is merely a tool to be used properly. It is therefore important that house owners understand the importance of using electricity, heating and water wisely. The project deals therefore with behavioral and motivational factors.

Based on the above analysis, the "*J + M Building – The Energy Lean Domestic*" offer complete or modular solutions with specific components and systems based on existing technology.

These will include the entire home as energy and water consumption will definitely be reduced relative to current consumption.

CEO: Jan Petersen

CTO: Mads Willum

# Experts in Teams

## 2013



### Program

**12.15 Welcome by Charlotte Pedersen**

**12.20 Venture Cup by Alexander Stapelfeldt**

**12.50 Presentations by the 6 companies:**

'The Energy Lean Domestic'  
 Offshore Wind Power Service  
 CRES Engineering

**13.35 Break**

**13.45 EIT UAS Group**  
 WelTech - Welfare Technology  
 Spin Out Factory

**14.30 Information from two former students at EIT: Leon Bonde Larsen and Frederik Hagelskjær**

**14.45 Information by Charlotte Pedersen**

**Hereafter you can visit the company stands until 16.00.**



## Spin Out Factory

In *Spin Out Factory* we will focus on turning technology into new business ideas. Through contact to the local entrepreneurial community you will get input on how to develop a technology from laboratory to a viable business concept. Using your technical skills you will develop a technical solution to a real world problem you have identified yourself. The work will include development of a working prototype or mock up or another way of demonstrating the important functionalities in your technical solution. Moreover we will work on identifying the market and develop a business model for your new product.

Through the interdisciplinarity of your team you will be able to cover all subjects necessary for turning technology into new business.

CEO: Charlotte Pedersen  
CTO: Søren Jensen

## Offshore Wind Power Service



The offshore wind power sector is a booming industry in Europe and other parts of the world.

*Offshore Wind Power Service* is a company taking care of the maintenance problems in this booming industry such as:

- Several yearly service checks
- Corrective maintenance
- Major overhauls
- Corrosion inspections
- Refurbishment of blades

Some of the maintenance would be more convenient and cost reduced if done offshore on the windmill and this is quite a challenging part of the maintenance issues. Think in terms of an industry still immature and as an unknown field which takes place at very rough sea conditions.

For the company *Offshore Wind Power Service* you will in this Expert in Teams project have to develop a range

of different service projects for the offshore wind power sector.

CEO: Richard Myltoft  
CTO: Erik Skov Madsen

CRES engineering  
Competitive Renewable Energy Solutions

Renewable energy has historically been unable to compete financially with traditional energy. The success of renewable energy is depending on political solutions regarding subsidies to support the higher production costs related to renewable energy.

CRES is an innovation and engineering organization that lives on creating business cases based on renewable energy where the business result is independent of subsidies. Our goal is to develop commercial products for end users competing on equal market terms with other technologies.

Our concept is to identify applications that are potentially attractive towards renewable energy supply and perform the needed analysis, innovation and engineering design in order to create a feasible business case and to explore the possibility to found a new company or sell the concept to an interested partner.

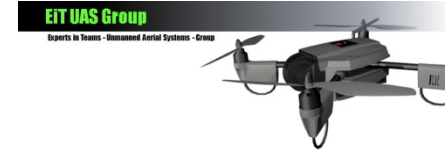
CRES has established contact with the newly founded company:

**S.B. Møller:** <http://www.sbmoller.com>

We need people with interest and skills within

- Project management
- Business development
- Development of products based on renewable energy
- Electrical energy handling (low voltage power electronics)
- Design of control systems
- Design for manufacturing
- Analysis load impact and buildings and other structures
- Corrosion and material knowledge

CEO: Poul Erik Vesterlørkke  
CTO: Christian Hammerich



An unmanned aerial system (UAS), commonly known as a drone is by most people known mainly for its use in military applications. However the maturity of the technology opens up for a range of civil uses in an extensive range of applications.

Several manufactures and potential users have spotted the potential benefits of using UAS's for a broad range of tasks.

Locally the theme is very relevant as Odense Airport has formulated a clear vision:

“Odense Airport wants to be the leading European test center for civil use of Unmanned Aerial Vehicles”

...and already in October 2011 Boeing Research & Technology performed a series of unmanned test flights from Odense Airport.

At the EiT - UAS group we have cooperation with the company Sky-Watch ([www.sky-watch.dk](http://www.sky-watch.dk)) who has developed a high end autonomous quadcopter – the Huginn X1.

At the EiT – UAS group we also have a network of potential users within:

- Emergency response
- Industrial inspection
- Odense Airport
- Farming
- Filming
- Police
- Etc.

The purpose of the company is to generate innovative and commercially viable applications through combining the knowledge and experience of the producer, the user and the project group.

CEO: Søren Wiatr Borg  
CTO: Kjeld Jensen