

Success Story SE

SE cooperation with the company Danfoss Redan A/S:

In connection with a product development, the Samsø Energy Academy was doing technical consultant for the company Danfoss Redan. The company produces mainly pump units for heating systems in private and industrial sectors.

The goal of Danfoss was to develop 3 new units in the solar-thermal sector.

The products should be developed for the German market.

Requirements and application field would be also for other European countries.

Product overview:

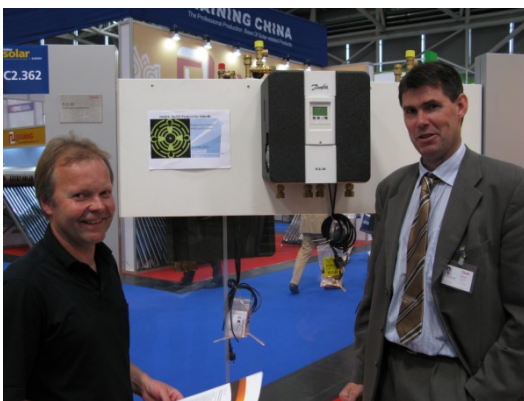
1. 2-strang pump group with solar controller
2. Warm water group with external heat exchanger – pump speed controller
3. Stratification system for big storage tank with external heat exchanger – solar controller

After a 6 month test period at the test station the 3 products were installed in a solar system on Samsø! The real conditions showed only a need of small controller changes.

After 2 month test period the products were marketable.

Product presentation at the **interSolar** June 2010 in Munich

The world's largest exhibition for the solar industry



Danfoss Project Manager Michael K. Jensen (r.) shows the new products
Bernd Garbers (l.) Samsø Energy Academy presents the cooperation between INRES EU-Project
and the Danish company Danfoss - Redan A/S