

The VE-Net Development Group

Intelligent Energy Cost Efficiency



There are many reasons to save energy – not only environmental. Businesses that invest in energy saving solutions, will also shortly see economic effects.

The Maersk McKinney Moller Institute at the University of Southern Denmark manages the VE-Net Development Group *Intelligent Energy Cost Efficiency*. The aim of the group is to secure businesses, productions, office buildings, housing, and public institutions the necessary foundation needed to save energy. This is done through development of new technologies, which directly or indirectly decreases the energy consumption, makes it possible to adjust the consumption according to energy prices, act on the spot market, or visualises the consumption and thereby makes it possible to act accordingly.

The goal is to create intelligent software systems, that reduces energy costs through more efficient ways to consume energy at the production level and to adjust the consumption according to the energy at hand at a given time.

Development projects

Creating new development projects in collaboration with supplier and consumer businesses is an on going process. The development group has four focus areas: ventilation & lighting, heating & boiling, drying and cooling & freezing.

Projects are initiated in different ways. Some project ideas are fostered in the group and made available for the members to join. Others are initiated by one of the members. When the Maersk McKinney Moller Institute is presented with a specific challenge within a business or production, the problem will initially be assessed in order to identify how the problem is best solved for example by an Industrial Ph.D., a development project or other. The Maersk McKinney Moller Institute will also help define, initiate and run the project.

IEO-Net – a network for dialog

IEO-Net is a network with participant from different industries; production, suppliers, and consultants. The network meets approximately five times a year. The meetings are held by the participants, who also plan the meeting. A meeting typically consists of a presentation by the host, a tour of the production area, and time for networking and dialogue.

The purpose of the network is to give our members a forum to discuss trends within energy cost efficiency and thereby inspire more businesses to take energy saving steps. The network also encourages development projects, industrial Ph.Ds., and the like.

The network is open to new members and hosts. Membership is free of charge.