# **About Danfoss**

Danfoss engineers technologies that enable the world of tomorrow to do more with less. We meet the growing need for infrastructure, food supply, energy efficiency and climate-friendly solutions

### **Cooling**

First product was an expansion valve for refrigeration systems (1933)





Later the hermetic compressor for refrigerators and freezers followed (1952)

### Heating

Danfoss invented one of the first radiator thermostats in the world (1943)



#### **Power Solutions**

Entered hydraulics business with orbit motor for agricultural and construction machines (1964)



#### **Drives**

First company to massproduce variable speed drives for controlling motors (1968)





# Achievement 1: We have proven that we can do more with less – Energy Efficiency First

Figure 1: Primary energy consumption in EU283 EU 28 - Primary energy consumption and GDP 1750 12000 10000 1650 8000 6000 B Figure 2: Results of global energy savings projects in Danfoss 1500 Launch of global energy saving project Energy productivity Source: Eurostat 140 120 index [2007 base year] 100 CO2 intensity -23% Energy intensit -40% 20 2007 2008 2009 2011 2012 2013 2014 2015 2016 2010

# Achievement 2: Increased focus on heating and cooling

## **Recipe for success:**

- Decarbonise heating and cooling no targets / no results
- Renovate existing buildings including controls of energy flows
- Keep breaking the silos e.g heat recovery, sector coupling, financing
- Win the global race for digitalisation of the energy system

