

100 PERCENT GREEN AND SUSTAINABLE SOCIETY IN 2025



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**EU SUSTAINABLE ENERGY
AWARDS**

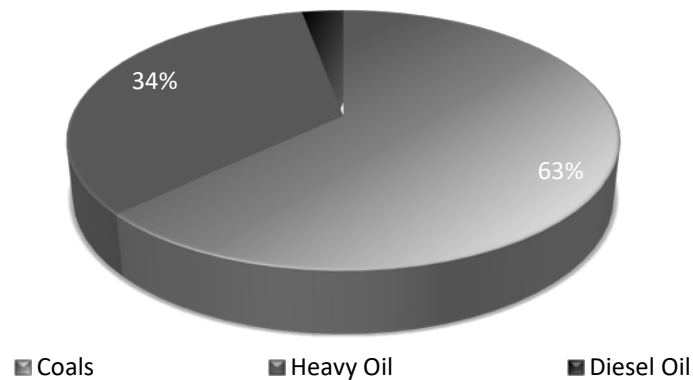


Production on Bornholm:

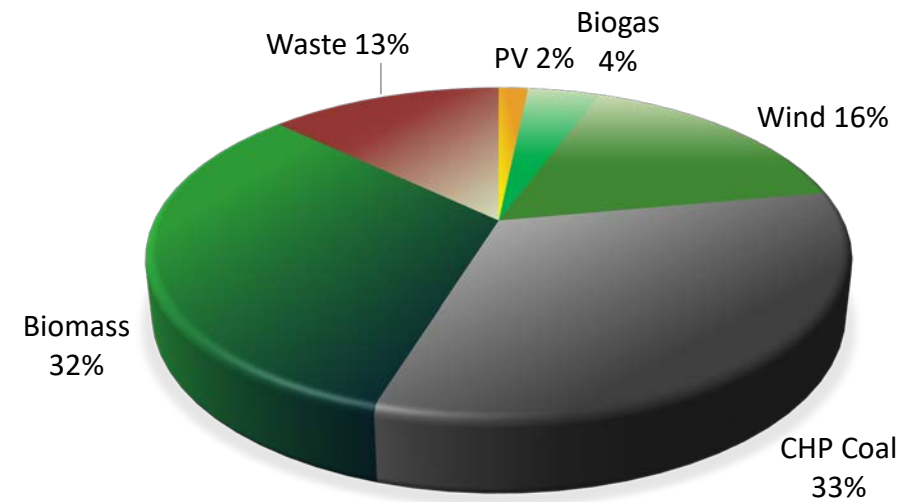
- Biomass CHP
- Decentral district heat production on woodchips and straw
- Biogasproduction, heat and power
- Waste to heat
- PV
- Windturbines
- Seacable to Sweden
- Diesel/oil and coal genetation as strategic reserve
- Watersupply
- Wastewater

It has been a journey

Power production 1979



**2013
total energyproduction on bornholm**

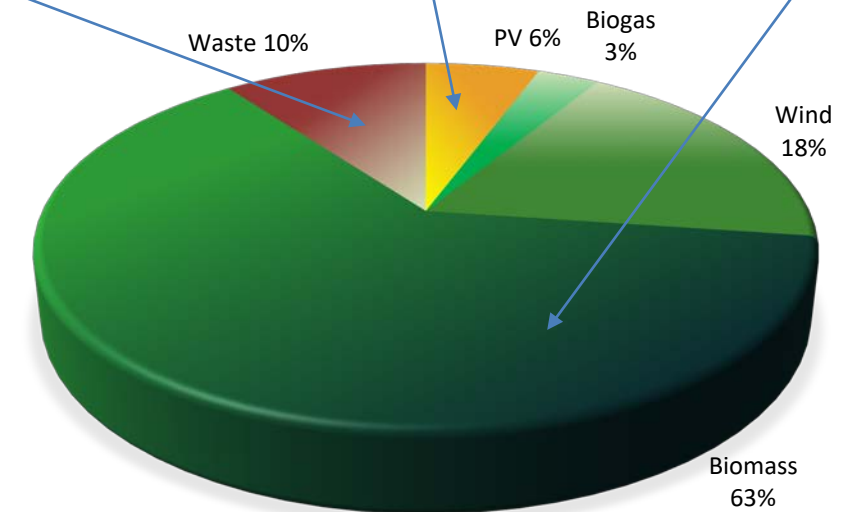


**2018
EXPECTED TOTAL ENERGYPRODUCTION ON BORNHOLM
– HEAT & POWER**

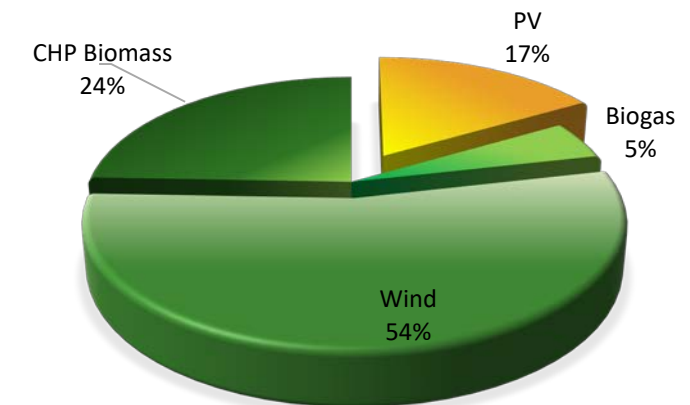
More recycling

15 MW new PV

CHP converted



**2018
Expected total power-production on bornholm 168 gwh**



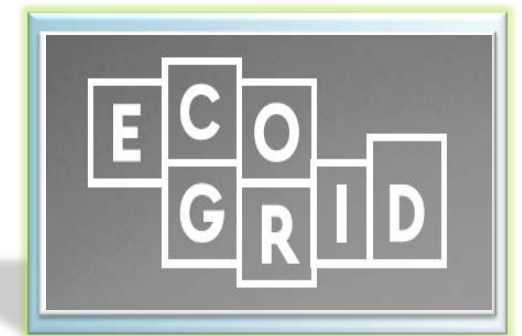
Cost efficient development demands:

- > continuous insight in new technology,
- > optimizing the eksisting infrastructure,
- > consumer behaviour as it changes from consumer to prosumer
- > Robust system and payable



To get brighter we engage in national and international R&D projects in close corporation with:

- Municipalities & Government
- Private Companies
- Universities



Edison



DFR



Geothermal energy



Powerlab DK



VPILN



Ide4L



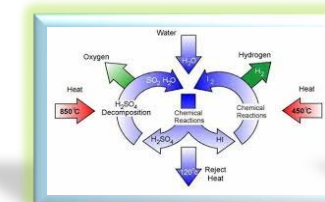
PV Island Bornholm



Biomass district heating



BioWaste2Gas



Hydrogen Storage



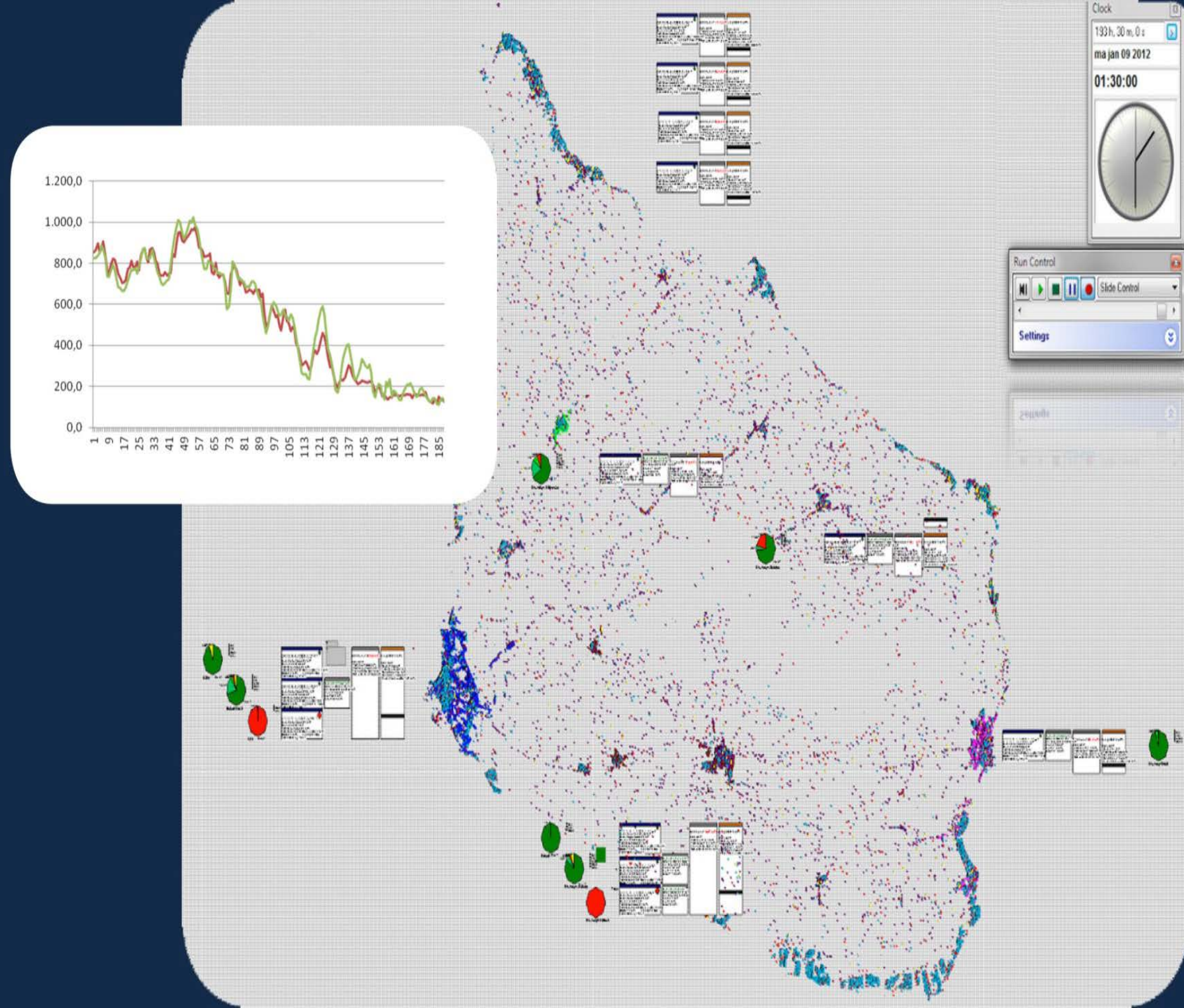
PV Net



Smart Planning

Put your ideas and knowledge to the test

To make the right decisions for an entire energysystem and to understand the proces between consumer behaviour, and flucturating production -



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Thank You

