



GLEN DIMPLEX

“Renewable Energy – Making it a Business Reality”





GLEN DIMPLEX

*'Thinking globally,
- acting locally'*



- **World's largest electric heating business**
- **Leaders in heating and cooling appliances and renewable solutions**
- **Operating through 33 autonomous businesses worldwide**
- **Employs 10 000 people**
- **Annual turnover €2 billion**
- **R&D, Manufacturing and Sales & Marketing**
- **Total Renewable Solutions – Domestic and Commercial**



Glen Dimplex Technology Partners

Glen Dimplex has formal collaborations with a range of global companies, all leading players in sustainable technologies.

By forging these partnerships
Glen Dimplex is able to bring complete integrated solutions to markets around the world





Glen Dimplex Investment

'At the forefront of technology development, delivered through an extensive and expanding European support network.'

Renewable Technologies Centres of Excellence

- Glen Dimplex Germany
- Muller Group France
- Applied Energy England
- Dimplex Renewables UK and Ireland



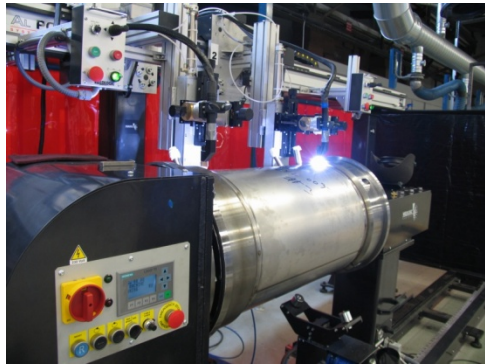
Innovation in Design is Part of Our DNA

'A relentless drive for innovation and engineering leadership.'





Glen Dimplex Investment in Ireland



PORTADOWN

- Smart Grid Enabled Thermal Energy Store Manufacturing
- R&D Laboratory focused on integrated solar thermal, water heating and space heating solutions



NEWRY

- State of the art heat pump manufacturing facility



DUNLEER

- R&D Laboratory for heat pumps, solar PV, SmartRad and HEM solutions
- SmartRad Manufacturing facility

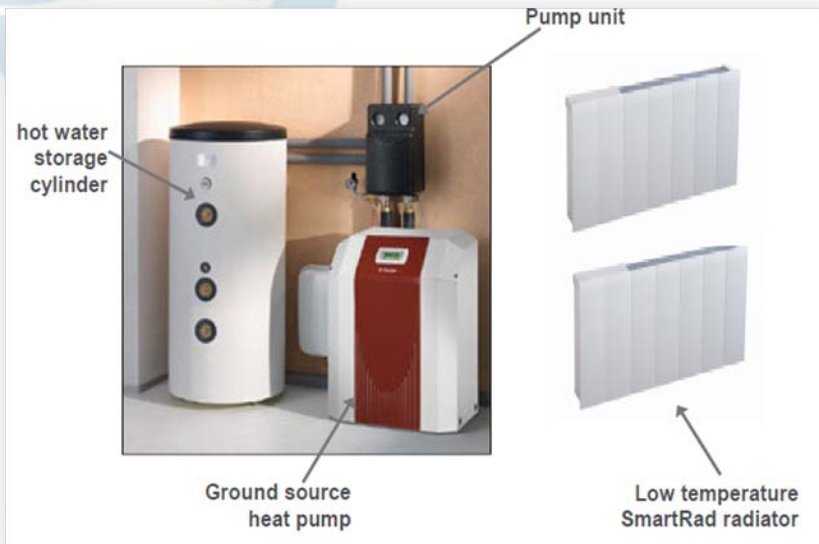


Glen Dimplex Zero Carbon Buildings

- Heating heat pumps
- Low temperature heat emitters
- Unvented hot water ; thermal energy storage
- Hot water from a combination of solar thermal and heat pump
- Ventilation efficiency via MVHR
- Electrical consumption offset by solar PV
- Home Energy Management Systems
- Smart controls
- Reversible Systems

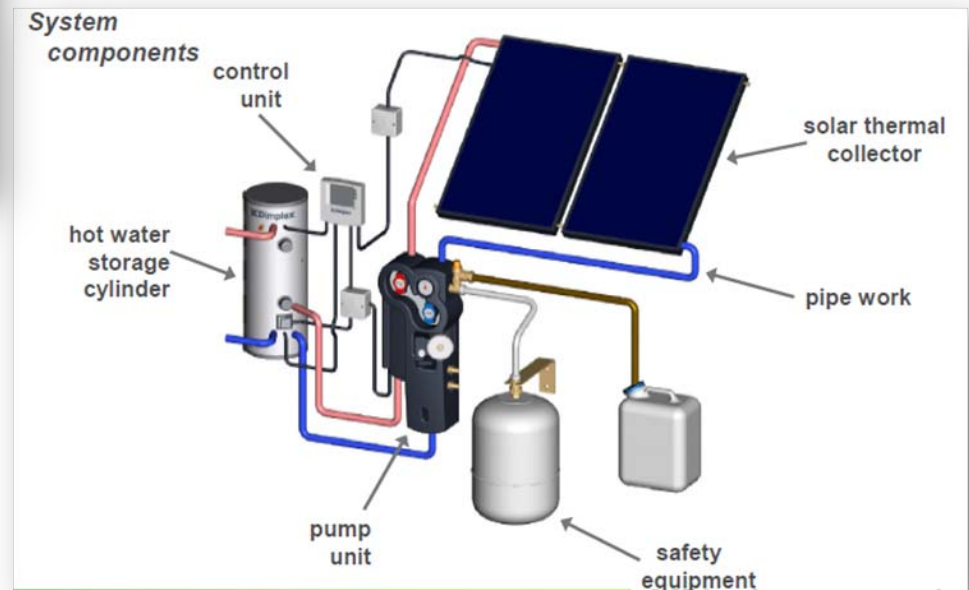


Glen Dimplex Integrated Solutions



Heat Pumps

Solar thermal



Glen Dimplex Integrated Solutions

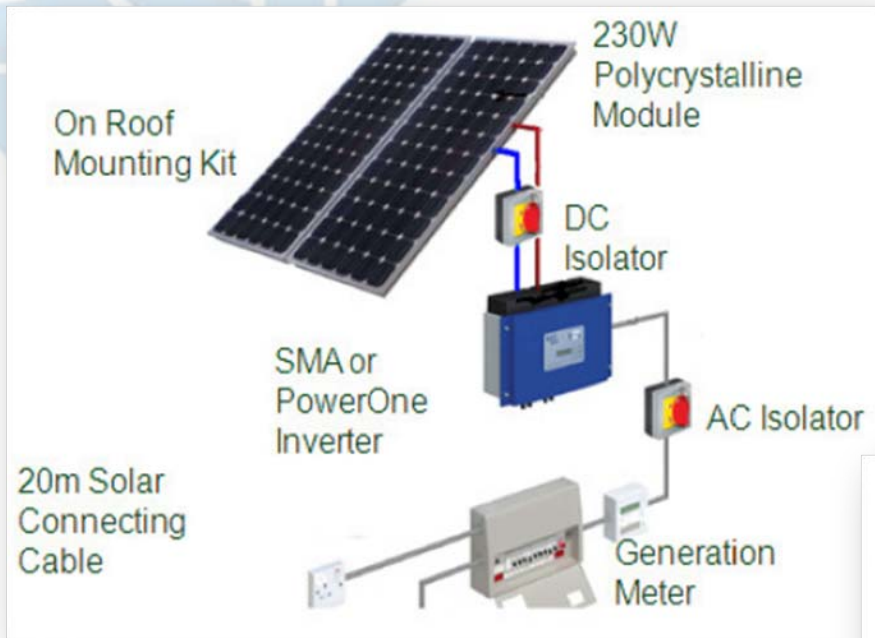
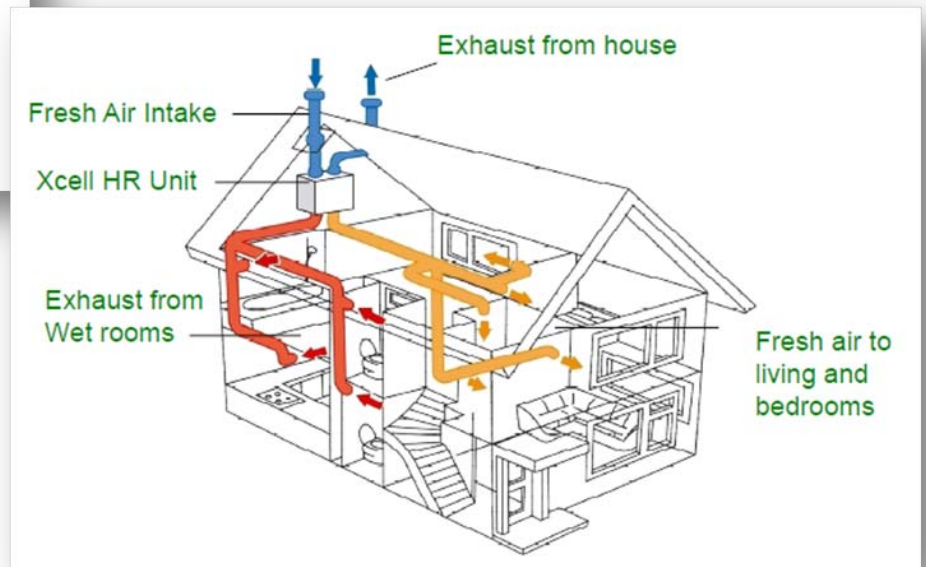
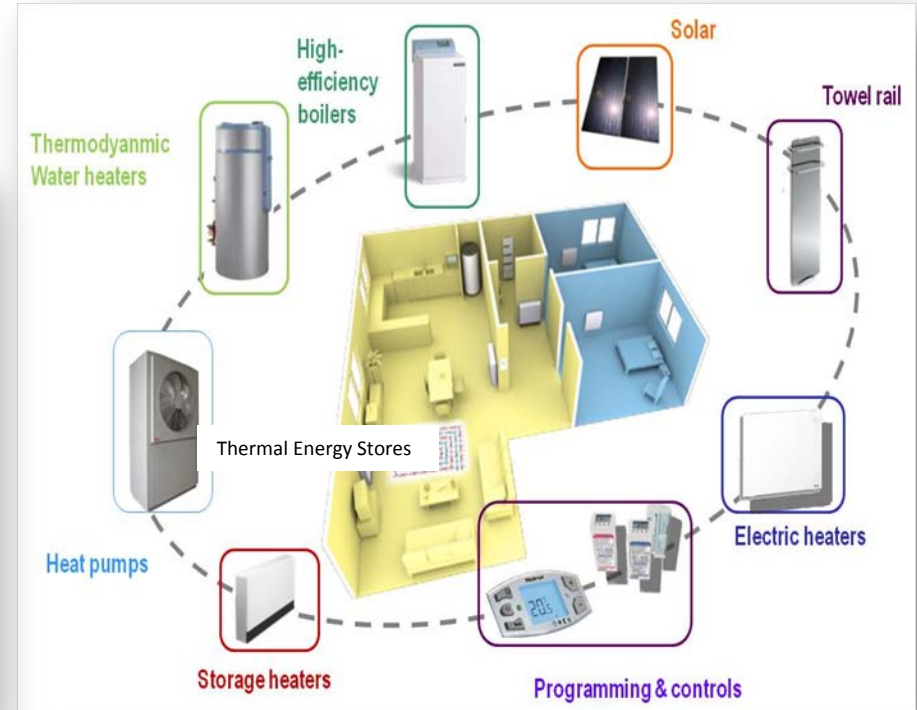
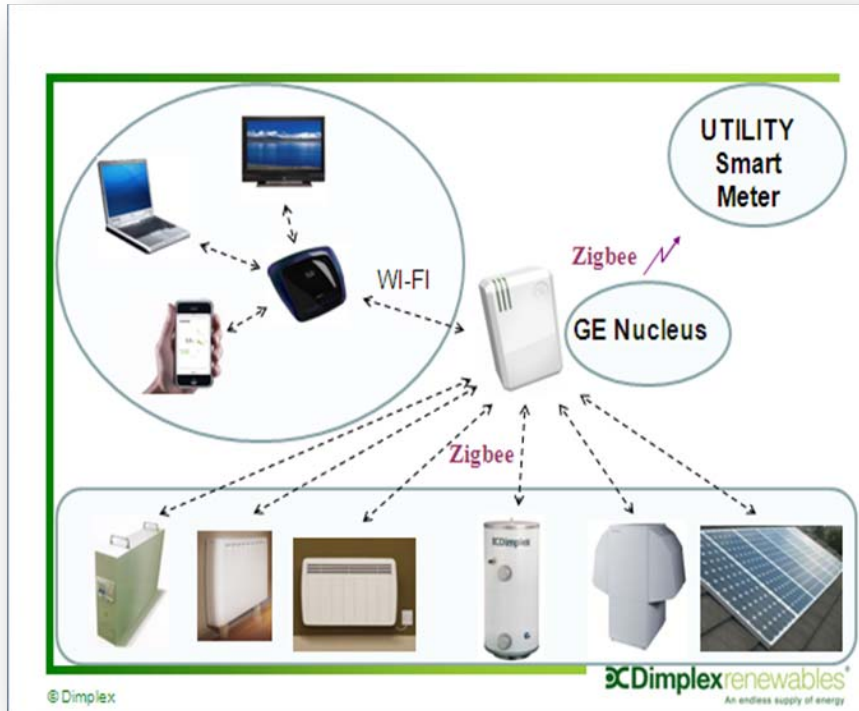


Photo-voltaic

Heat recovery ventilation



Glen Dimplex Multi-Energy Smart Homes



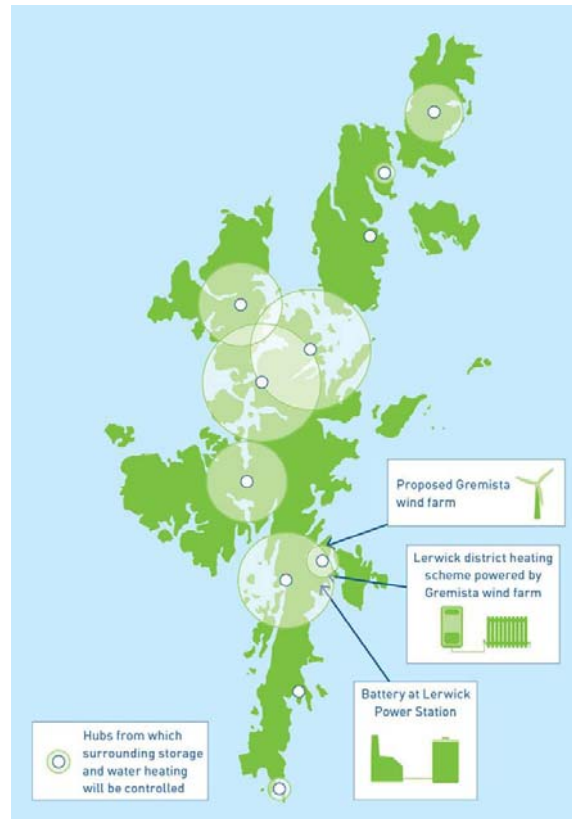


Innovation in Action

The NINES Project



Quantum
The future
of electric
heating



1000 homes with smart thermal stores and water cylinders
9MW connected load
50MWh storage capacity

