



# Aberdeen Pilot – Using low-temp DHC to fight fuel poverty



Aberdeen Heat & Power Ltd



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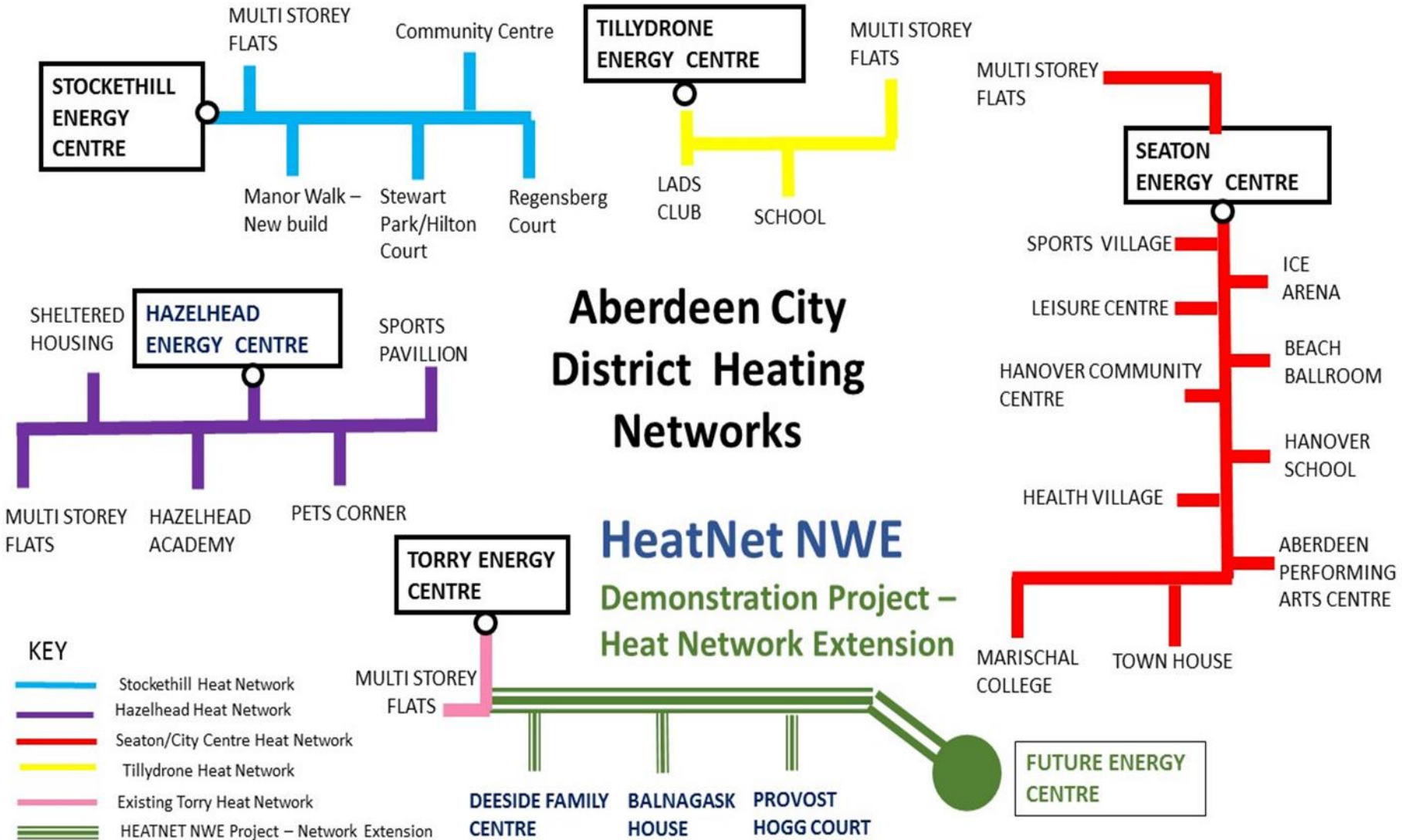


## Benefits of District Heating

- Reduction in standing charges
- Reduced heating maintenance costs
- On demand hot water and security of supply
- Affordable heating Costs
- Potential improvement in energy performance rating
- Reduced Carbon Emissions



# Aberdeen City District Heating Networks



**HeatNet NWE**  
 Demonstration Project –  
 Heat Network Extension

- KEY**
- Stockethill Heat Network
  - Hazelhead Heat Network
  - Seaton/City Centre Heat Network
  - Tillydrone Heat Network
  - Existing Torry Heat Network
  - HEATNET NWE Project – Network Extension



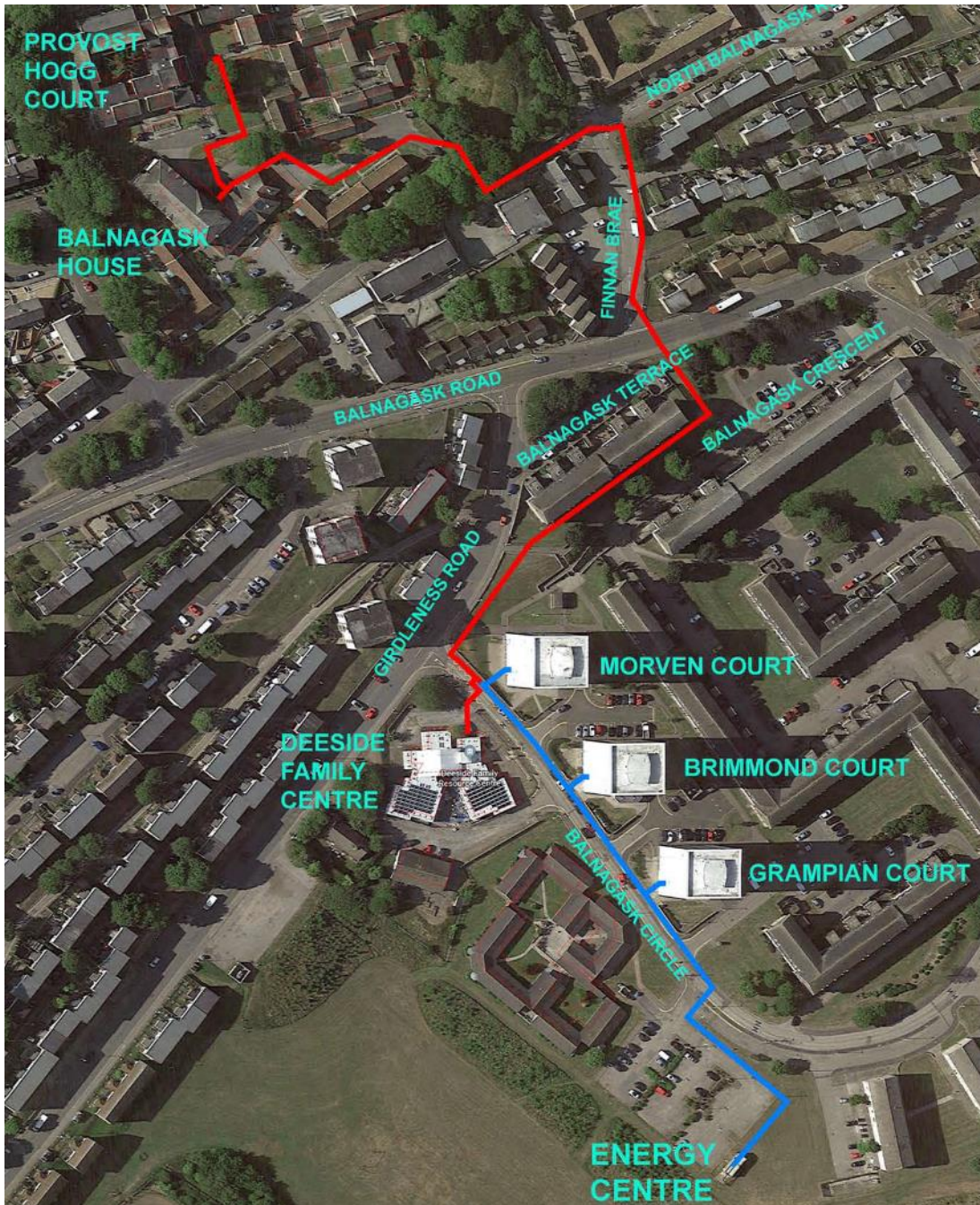
**Interreg**   
North-West Europe  
**HeatNet NWE**  
European Regional Development Fund

← Deeside Family Centre

Balnagask House →



← Provost Hogg Court



# Pilot Project Network

# Existing Network



TASK	Date
Heatnet project partnership agreement signed	November 2016
Feasibility study delivered	January 2018
Amendment to pilot project	March 2018
Invitation to tender advertised	March 2019
Nicol of Skene awarded contract	May 2019
Work started on excavating ground and laying pipes	August 2019
Completion of project	December 2020



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# Tullos Energy from Waste Plant



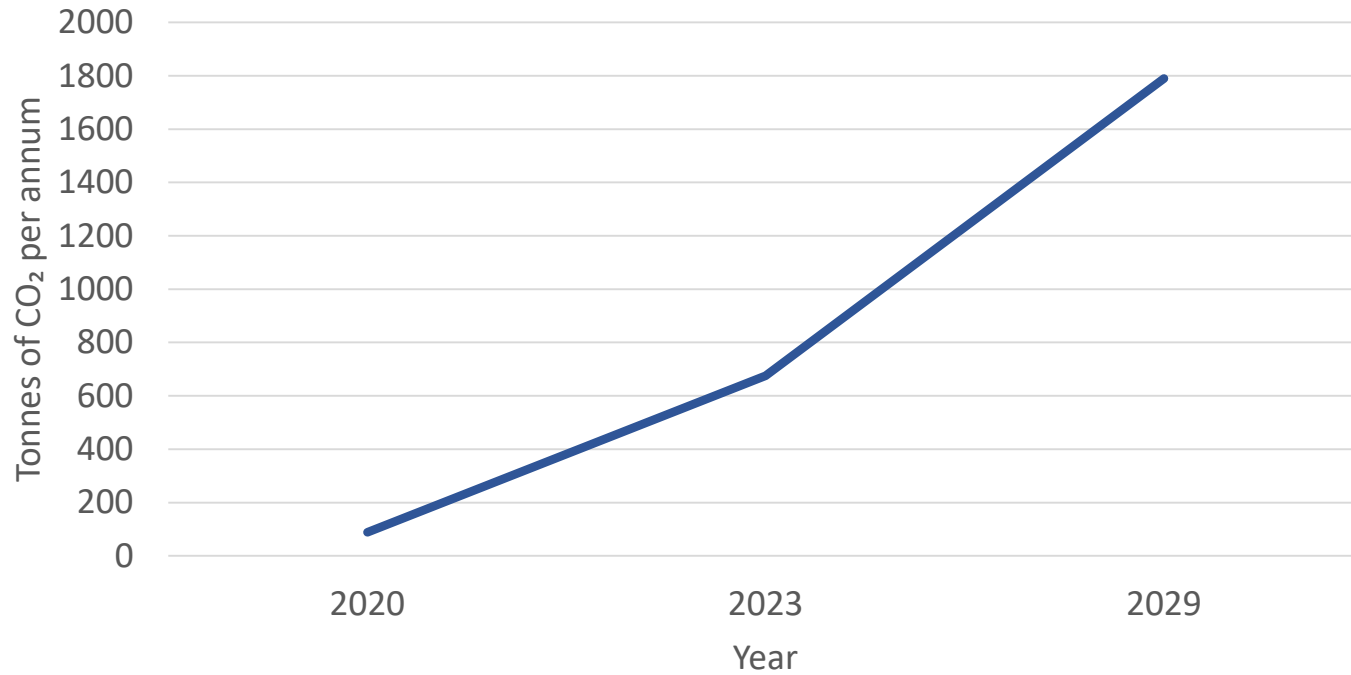




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### Torry District Heating Network Projected Carbon Savings



# Drivers for future expansion

## Energy Efficient Scotland



- Reduce carbon emissions 90% by 2040  
Scotland net zero emissions by 2045
- By 2040 no more than 5% of households in fuel poverty
- Local Authorities to develop Local Heat and Energy Efficiency Strategies (LHEES)

# Interreg



EUROPEAN UNION

## North-West Europe

## HeatNet NWE

European Regional Development Fund

# Thank you!