

# Smart Reflex

## Progress in Tipperary

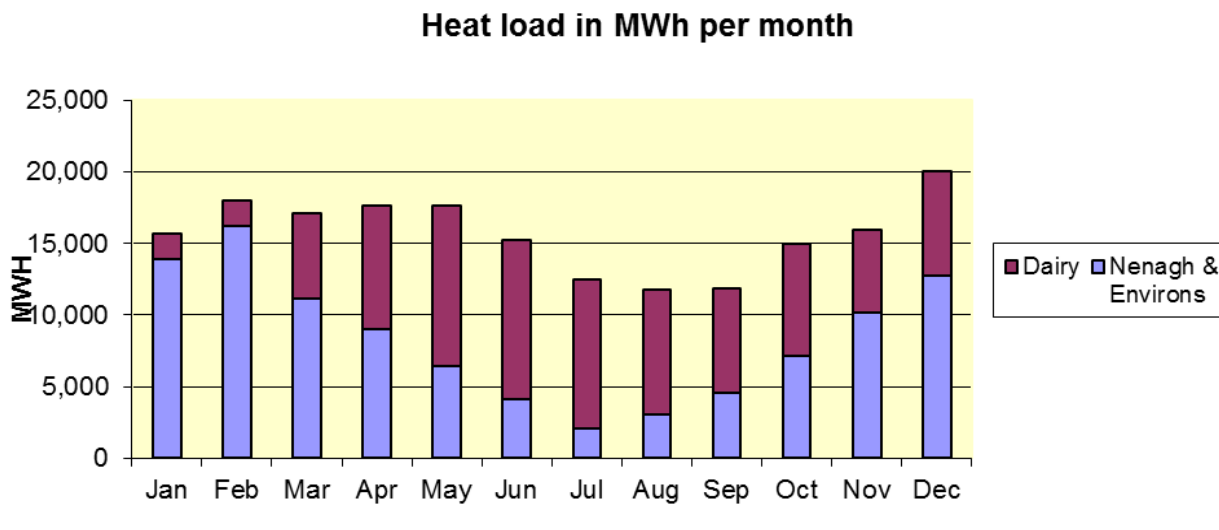
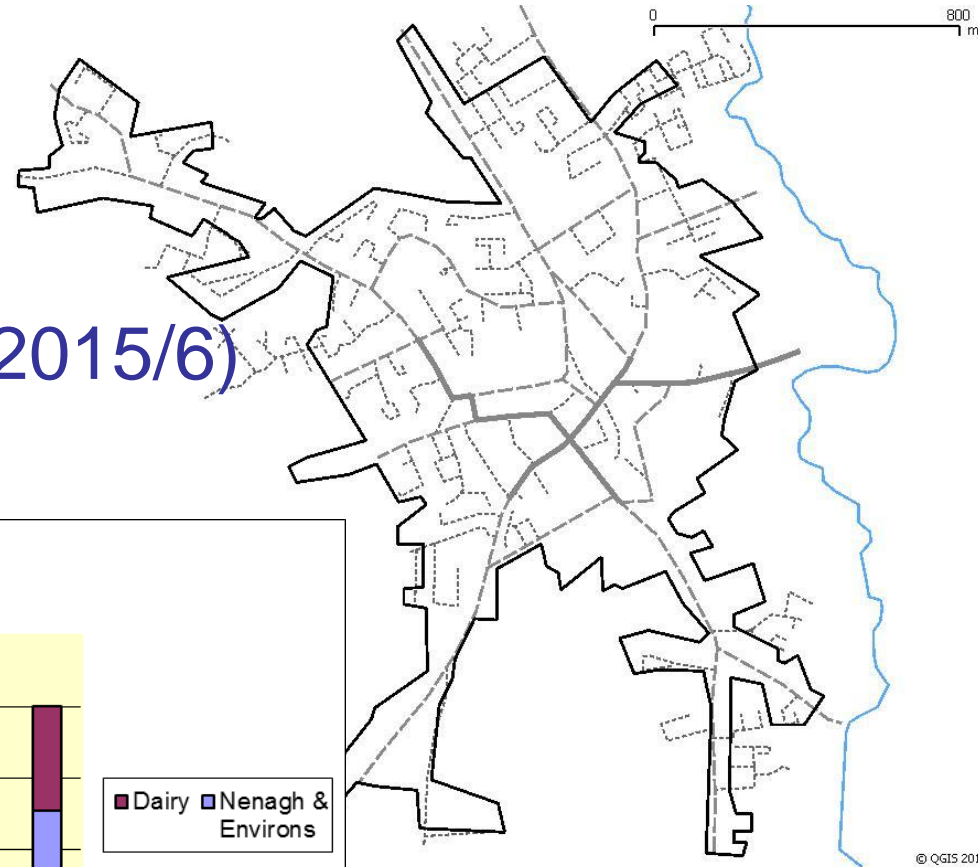


Paul Kenny, B.E. C. Eng.  
Chief Executive  
Tipperary Energy Agency



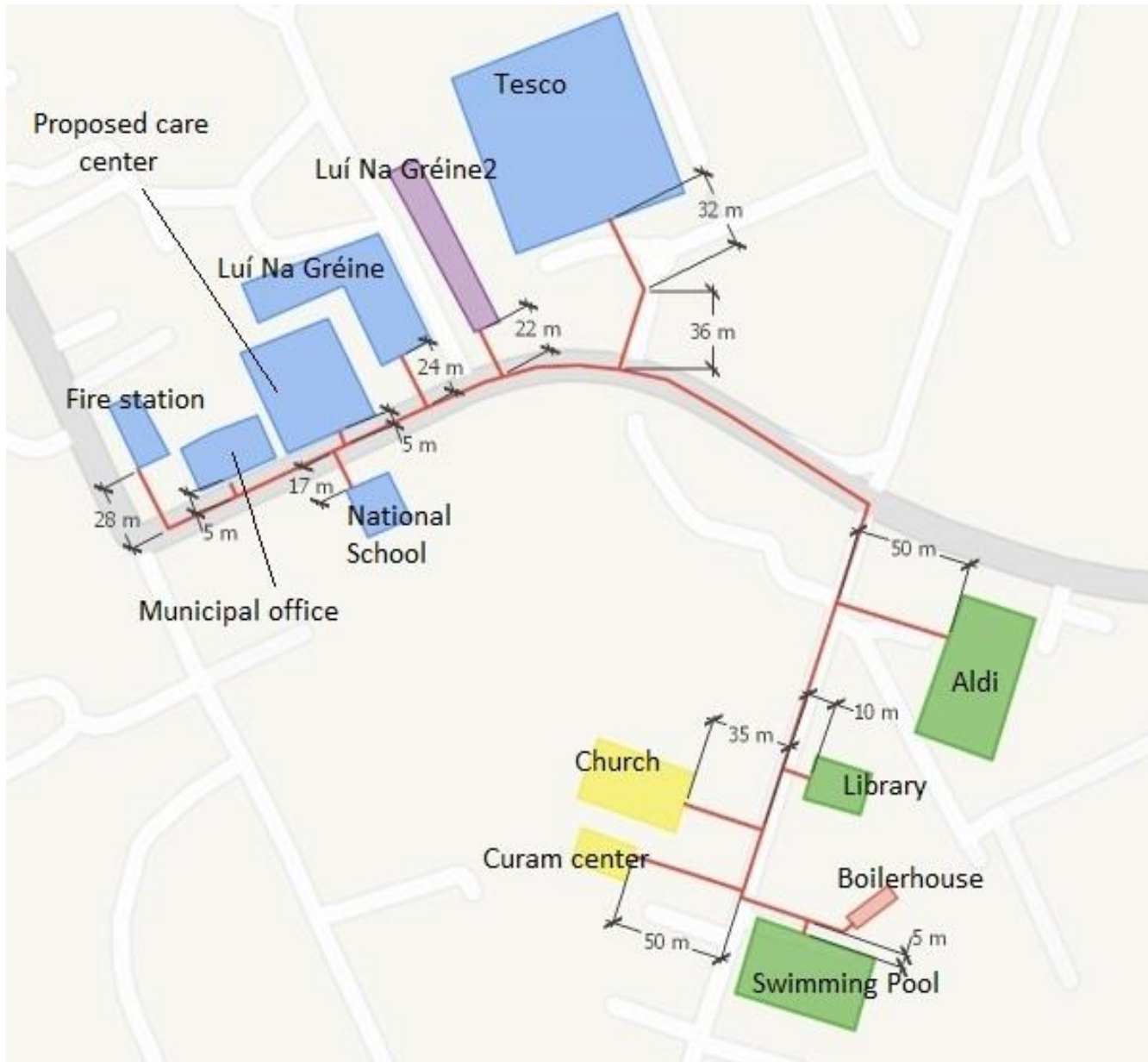


- Initially planned DH for Nenagh (7200 pop) with dairy in centre
- Couldn't align stakeholders
- Natural Gas instead (2015/6)





- Support New DH in Claremorris (2.5MW)
- Support improvement in Cloughjordan (Solar DH 1MW)
- Establish Local policy framework
- Prevent repeat of Nenagh Gas Vs DH

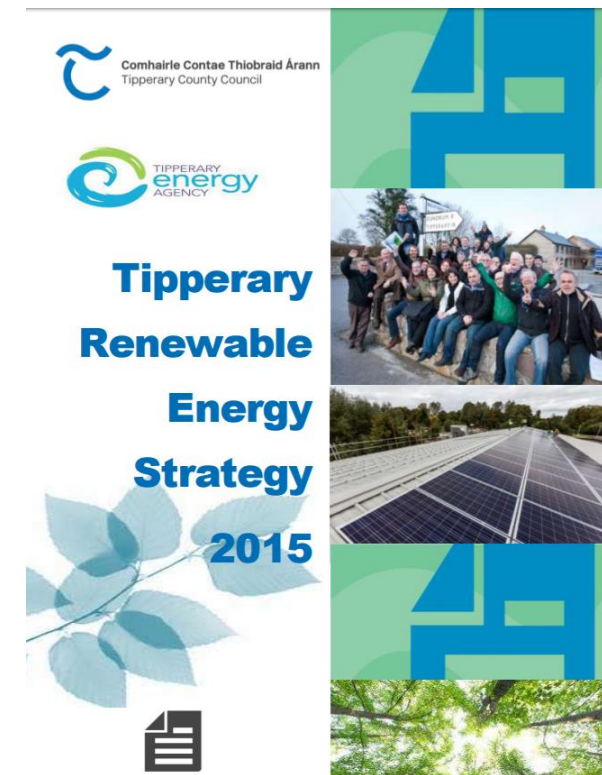




- Existing 1MW system
- Re-comissioned each house DT was 3, now 35
- Boiler maintenance an issue
- Remedial works planned summer 2017
  - Use of idle 500m<sup>2</sup> Solar
  - Pressure tested 42 panels.
  - Insulation of plant room & external pipework
  - Enhanced controls
  - Some state funding.
- Expecting 50% decrease in energy use.



- DH in Renewable energy strategy in county
- DH in County development plan
- Heat mapping proposal to commence in Mar 17.
- Local politicians & council executive starting to engage.
- SEAP to be approved on 10/12/16
- Rural development program has DH funding included.





- Presented SRF to National Ministry
- New Res-heat incentive in late 2017
- Will create draw/ business case for DH
- Widening realisation about DH, will take several years to progress still.



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- Non profit, public good social enterprise
  - Energy management, renewable energy and energy efficiency.
  - Public good consultancy, Market development actions, private sector consultancy
  - Energy audits, feasibility, implementation, design, project management, signoff.
  - Cutting edge expertise
  - 16 expert staff
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**Thanks for your time. Questions??**