



Preparing a Business Plan for a DH Project

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Surveying Program + Heat Mapping

- 8 Internships in 2012
 - 4 on Benchmark Energy Demand and 4 on Forestry Resource
- 3 Internship in 2014
 - Actual Energy Demand Large Energy Users Tralee
 - 53 + 41 Large Energy Users
 - Benchmark V Actual

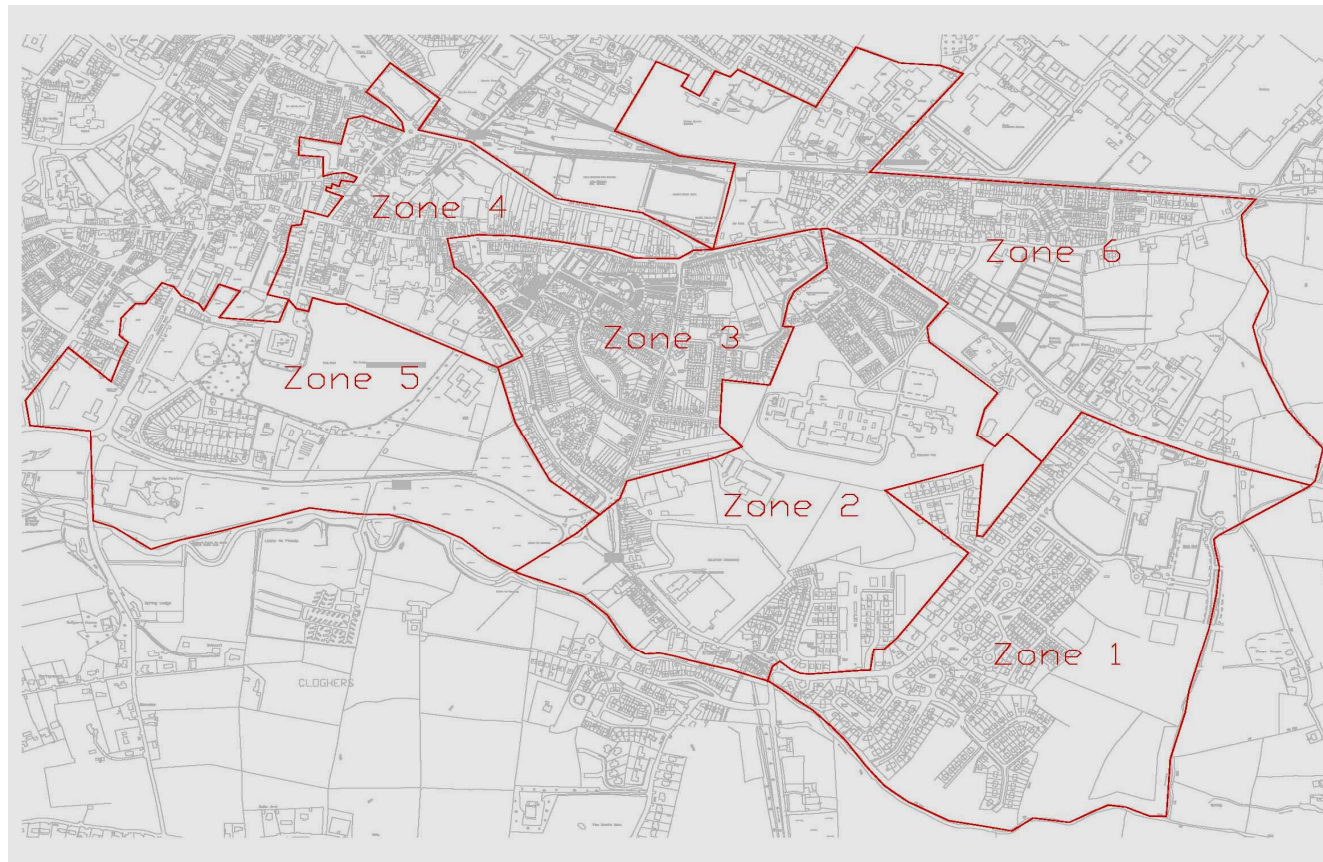


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Tralee Energy Benchmark Zone Plan

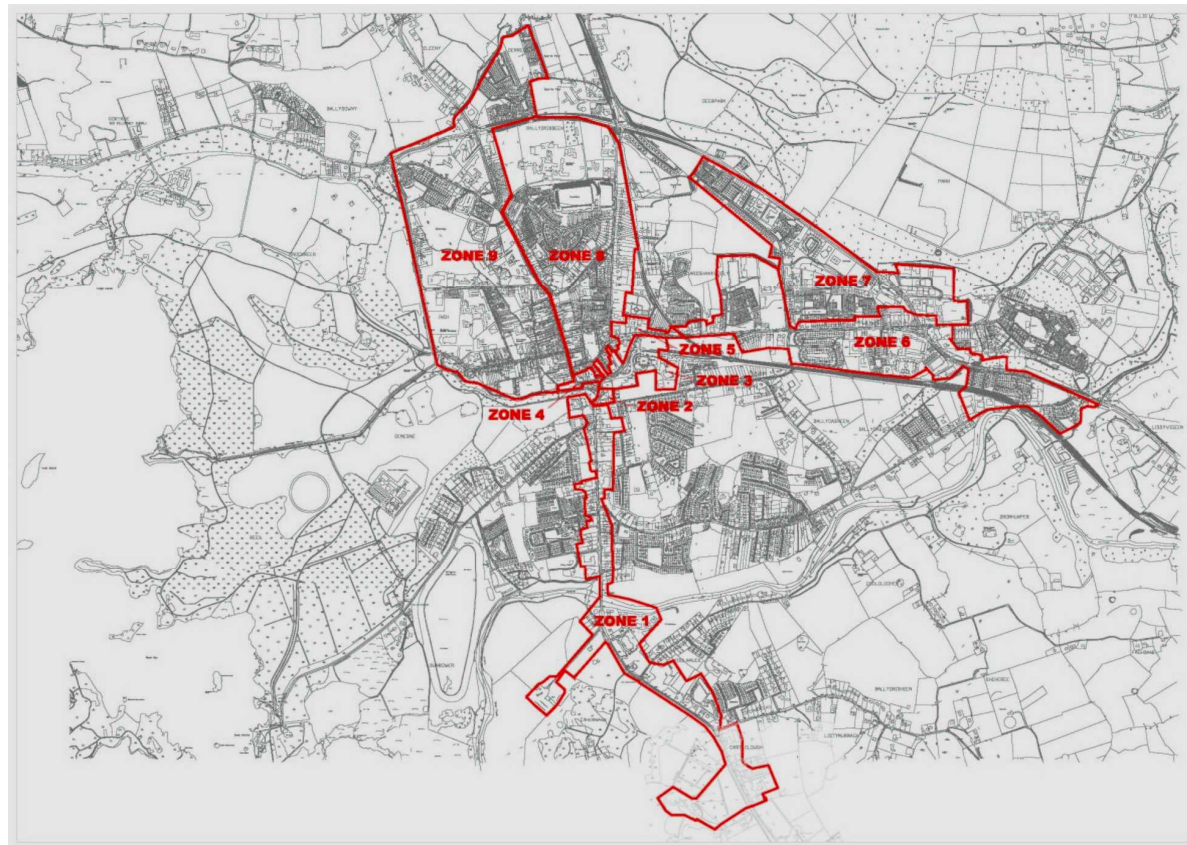


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Killarney Energy Benchmark Zone Plan

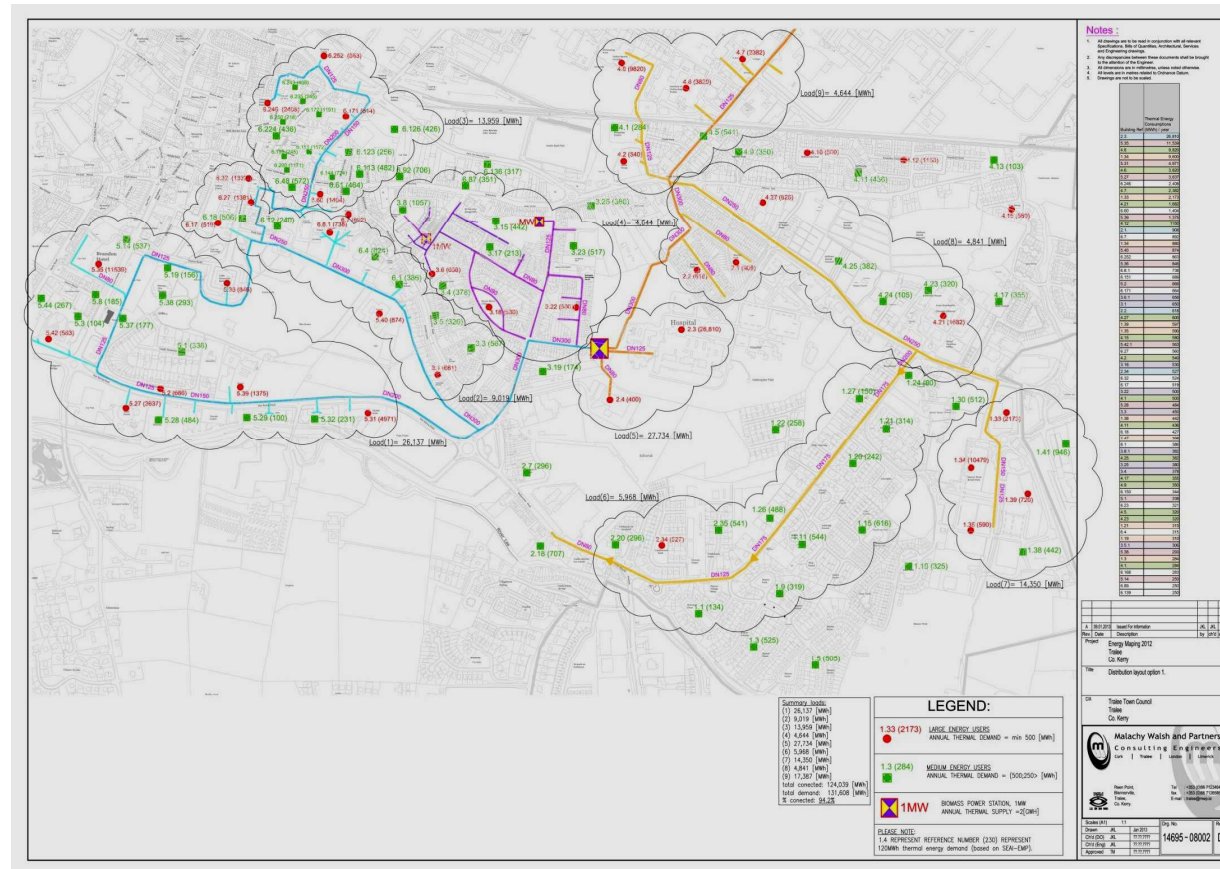


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Tralee DH Plan

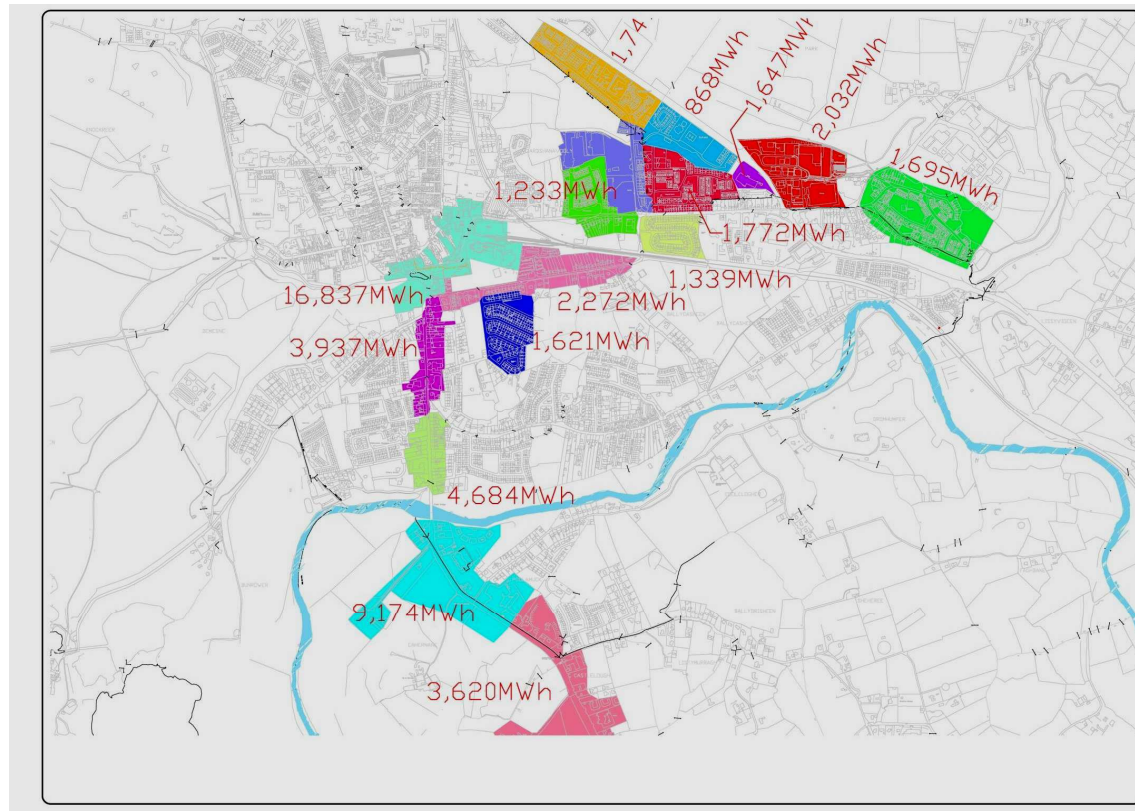


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Energy Map Killarney



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Pre Feasibility – Next Steps

Two pre feasibility reports completed in 2012 / 2013: one for Tralee and one for Killarney

Next Steps:

- Feasibility Studies & Financing Feasibility Studies (Elena?)
 - Departmental support / national policy required in relation to DH systems
- Financing the project
- Year 1 - Set up Project Team
 - Define brief
 - Procure Consultants:
 - Civil/ Structural,
 - Mechanical/ Electrical,
 - Environmental,
 - Quantity Surveyors,
 - Legal,
 - Forestry Consultants,



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Next Steps

- Steering Group,
- Stakeholder consultation,
- Set up Co-operative / Company,
- Route selection for DHN,
- CHP, define size, specification etc.
- Site selection including EIS and planning
 - ESCO contract,
 - Heat user contract,
- Forestry
 - Ownership
 - Private
 - Coillte
- Short rotation forestry
 - Pilot for tree type, altitude etc.,
- Securing a Supply of Energy Wood for the Proposed Tralee CHP Plant
- Economic analysis, Wood Fuel Cost Calculator,



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