







Decision support Advisor for innovative business models and useR engagement for smart Energy **Efficient Districts**

Funded by the 7th Framework Programme

PROJECT OBJECTIVES

DAREED aims at delivering an IT service platform to foster energy efficiency and low carbon activities at district level. Project results will be validated via pilots in three different EU countries, thus granting the possibility to generalise results and ensuring sustainability throughout Europe. The project targets energy providers and stakeholders with an active role in decision making at local level and is seeking to provide a service oriented approach overcoming technological, financial and knowledge barriers.

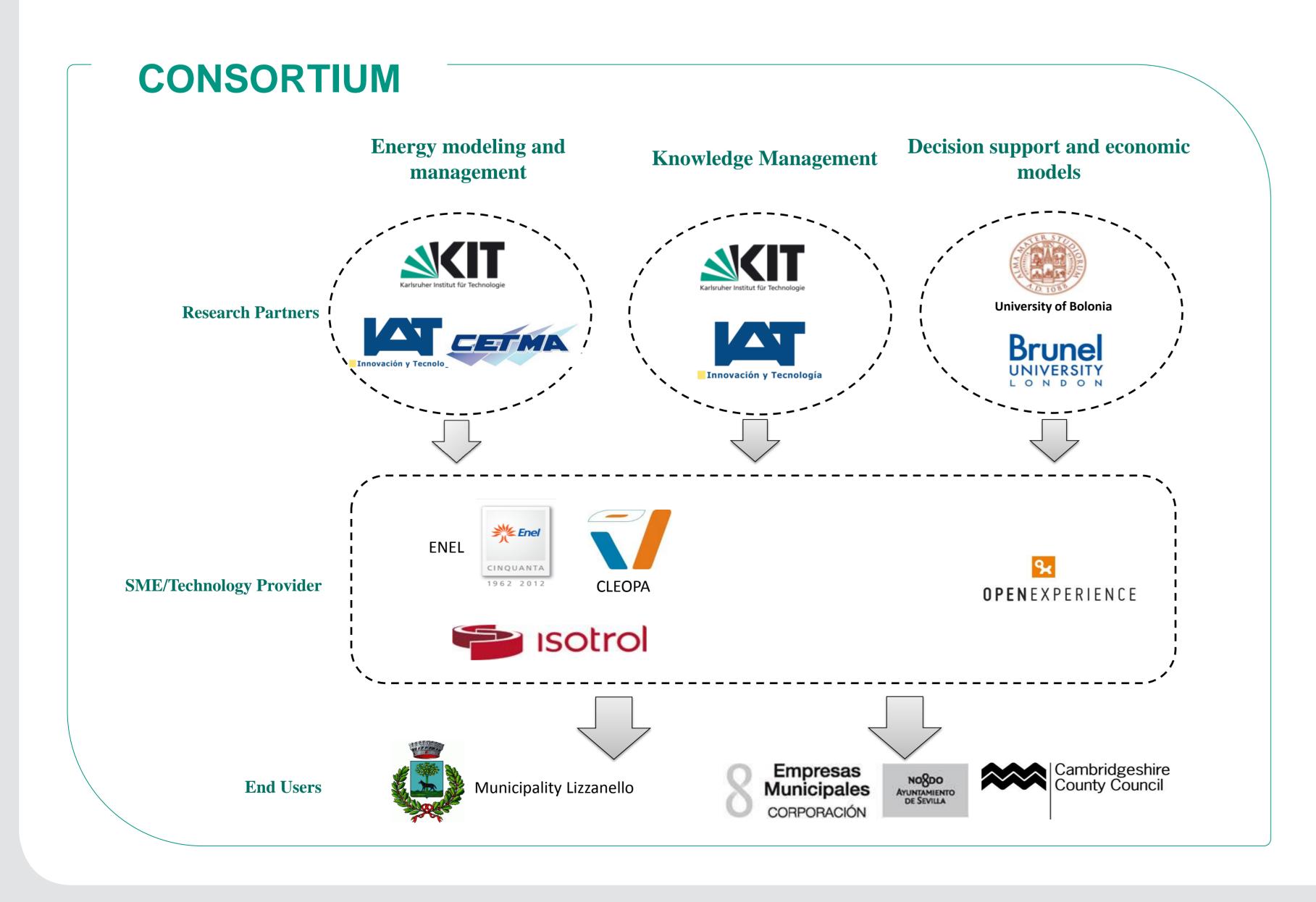
practices

INNOVATIVE ASPECTS

- Developing an integrated methodology for districts and urban modeling
- Developing a semantic based model for complex data and knowledge management;
- Developing a clear methodology for transparent representation of the district energy balance, integrating energy production and consumption related data;
- Contribute to sustainable and long term policy making and increasing citizen awareness on energy efficiency.

0102 Technical, O103 0101 *OI05* 0104 Technical, economic, **Projection of the** 0106 **Energy saving** environmental **Current energy** economic, energy balance in a **Energy tariff Potential** feasibility of energy environmental balance calculation, based defined by the user prediction/projection feasibilities of consumption time frame on monitored data reduction energy generation measures Scenario3 Scenario2 Scenario1 Scenario4 Scenario5 Scenario6 Energy Provider Investors Policy Makers Citizens **Building Managers** Building Managers **DS01 DS02 DS05 DS06 DS07 DS09 DS08 DS03 Building Energy** District energy District energy District Tariff and Geo-spatial Power plant Building energy Building elements/ consumption development, consumption generation unit costs efficiency best investment renovation catalogue policy and rules catalogue

SOLUTION APPROACH



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For more information: www.dareed.eu