ScienceS	Smart Community Integrated Energy for Electricity-grid Stabilisation

What challenge or problem are you addressing? What is the need for the project?

Growth of RES depends on radical change where users of electricity become suppliers of flexibility and power balancing to enable an increasing switch to intermittent RES. South West Dublin has demonstrated that consumers in local areas can actively collaborate to create Smart Energy Cells, the building-blocks of the Cellular Smartgrid. The Challenge now is to get this Community Energy Solution to TRL7 and beyond so that Governments can empower communities to be the Enablers of the Near Zero Carbon Economy.

Objective of the project: What your project wants to achieve/change

The integrated trading/automation platform to enable secure and grid -supportive Smart-Energy-Cells is on its way. The objective is to accelerate this through innovative collaboration - for roll-out within two years.

Why do you need transnational cooperation?

International Collaboration is the most important next step to optimise existing learning and achieve eventual smooth international roll-out and enable the formation and advancement of the inter-disciplinary and inter-cultural team mix essential to reach the best solution fast – taking full account of market variations and regulatory regimes in the quest to achieve Standard Operating Procedures for Universal Acceptance and full Citizen Engagement.

What kind or partners are you looking for?

The quest is:

1. To assemble a wide range of partners including Municipalities, Industry, SME's. Research Laboratories, Energy Agencies, international Organisations, Communities, Community & Citizen Engagement Professionals, Government Agencies.
2. To establish an effective and efficient Project Management Team and Implementation and Dissemination Strategy, Plan and Collaborative organisation.

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