

Clonakilty Energy Self Sufficiency Project

Objective:

By 2020 to transform Clonakilty into an energy self sufficient region, while enhancing its vibrant economy.

Project Plan:

The Project plan is based on replicating the Güssing Model:

- Key stakeholders understand the model
- Utilise the Güssing experience to develop a roadmap for Clonakilty
- Conversion phase where Clonakilty transitions from a fossil-fuel dependant, external-utility supplied model, to a localised energy production model.
- Exploitation of benefits

	Action	Timeframe	Cost
1	Information gathering trip to Güssing	Late Oct 08	€800 – €1000 per person travelling
2	Baseline line energy usage study	Steps 2 to 4 will take 6 to 9 months	Steps 2 to 4 €75,000 to €100,000
3	Energy resource study	As above	As above
4	Self sufficiency roadmap	As above	As above
5	Management structure put in place	3 – 6 months	2 -3 year funding of 2-3 staff.
6	Implement conversion phase <ul style="list-style-type: none"> - Planning - Implementation (phased) 	2009 to 2020	€40 – €50 million Investment 30% grant assistance; 20% local community investment; 50% bank or private investment.
7	Operation & exploitation <ul style="list-style-type: none"> - Manage continued development and operation - Optimise the benefits to the local economy 	2010 and beyond	Self sustaining

Benefits:

- Stabilised, often reduced and more predictable energy prices for the local community
- Energy security
- Annual Energy spend retained in the local economy (€25 to €30m per annum).
- Employment creation:
 - o Local energy production (plant operation, maintenance etc. Fuel production activities, construction)
 - o Stable & predictable energy prices attracting & retaining industry employment
 - o Growth of expertise in renewable energy & self-sufficiency
 - o Eco Tourism.

- Environmental benefits.