



Friday 5th October

Location: Abbey Court Hotel, Nenagh, Co Tipperary

SERVE Final Conference

Title: Sustainable Energy Communities – Pathways to 2020



This conference will present examples of Community and Regional Action on Sustainable energy and discuss the opportunities that exist for local action in the sustainable energy area. Four seminars will allow participants time to focus in more detail on the themes of training, finance, retrofitting and behaviour change. The final session will showcase the impact of SERVE and what lies ahead in terms of energy policy.

09:00 – 09:30: Registration & Coffee

Opening Session: 09:30 – 11.30

| TITLE | SPEAKER |
|--|---|
| Welcome & Overview of SERVE | Seamus Hoyne, Limerick Institute of Technology |
| Case Studies of Community Energy Projects: | |
| Community Wind At Last! | Jonathan Fogarty, Templederry Community Group |
| A Rural Community Tackles Energy Demand | Gearoid Fitzgibbon, Drombane Energy Group |
| Ballynagran Zero Twenty Initiative | Ballynagran Rep (tbc) |
| Panel Discussion | A panel of experts will address key points on how regions and communities can develop sustainable energy projects |

Seminar 1: 11.45 – 13.00 Topic: Skills & Training for Sustainable Energy

| TITLE | SPEAKER | TITLE: | SPEAKER |
|---|-----------------------------------|--|---------------------------------------|
| Build Up Skills Ireland – Results to Date | Mark Keyes, IT Blanchardstown | What is a Near Zero Energy Building? | SustainCo Partner, Austria |
| Energy Training for Professionals | RIAI (tbc) | Comparing DEAP to actual energy performance – Results from SERVE | Michael Bell, Tipperary Energy Agency |
| An Industry Perspective on Training Needs | Fintan Smyth, Saint Gobain Gyproc | Emerging Technologies in Mechanical Systems – Next Generation of Housing | Maurice Falvey, Nilan |

Seminar 2: 11.45 – 13.00 Topic: Building Standards & Energy Performance

13.00 – 14.00: Lunch

Seminar 3: 14.00 – 15.15 Topic: Behaviour Change - Energy & People

| TITLE | SPEAKER |
|---|---|
| The impacts of SERVE on people and community – case studies results | Tina Opalic, REGEA |
| Energy Information and Behavioural Change | Marc Delghust, Research Foundation Flanders (FWO) - Flemish institute for technological research (VITO) |
| Supporting Communities to Reduce their Carbon Intensity | Vincent Carragher, Tipperary Energy Agency |

Seminar 4: 14.00 – 15.15 Topic: Financing Solutions

| TITLE: | SPEAKER |
|--|-----------------------------------|
| The economic impacts of SERVE retrofitting | Julije Domac, REGEA |
| ESCO's / EPC's for Ireland – Can it happen? | Philip Lee, Philip Lee Solicitors |
| Innovative funding and financing opportunities | (tbc) |

Closing Session: 15.45 – 17.30

| TITLE | SPEAKER |
|---|--|
| What SERVE Meant to Me? | Individuals and Organisations who have benefited from the SERVE Project will present their perspectives on what SERVE meant to them. |
| Smart City, Smart Region, Smart Country | EU Commission |



Follow us on Twitter @serve2012

For further information contact:

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Accommodation and travel information
available at www.servecommunity.ie

Event

Fee

| | |
|--------------------------------|------|
| All 3 events (3 - 5 Oct) | €120 |
| Conference & Workshop | €100 |
| Conference only | €90 |
| Workshop only | €30 |
| Site Visits only | €20 |

SERVE ENERGY WEEK & FINAL CONFERENCE

Sharing the SERVE Project Lessons

Monday 1st October –
Friday 5th October 2012

Event Location: Abbey Court Hotel, Nenagh, Co Tipperary & Ecovillage in Cloughjordan – see individual events for information

ABOUT SERVE

The SERVE Project is funded under the EU CONCERTO Programme. The project has triggered an investment of €8.5m in sustainable energy actions in North Tipperary. 400 buildings have been upgraded, 500 individual renewable energy heating systems installed, 50 Eco Buildings constructed, two district heating systems and 2MW of biomass heating systems installed. Detailed analysis of energy performance, investment and cost benefit has been completed as well as providing training to over 200 people. This energy week will show case the results from SERVE and other related activities in the region.



Combining Centres Thoroughly from Thoroughly
North Tipperary County Council



Please register and pay online at www.servecommunity.ie

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Monday 1st and Tuesday 2nd October

ManagEnergy Capacity Building Workshops

Who Should Attend?

Regional Authorities and Local Authorities in Ireland.
(details available on separate brochure)



Tuesday 2nd October

SustainCo Partners Meeting *(Invitation Only Event)*



Wednesday 3rd October

SERVE Site Visits

Delegates will visit:



09:30 - 11:00 Retrofitted House & Energy Monitoring, Nenagh Town Centre

A standard semi-detached dwelling in Nenagh will demonstrate the range of measures which were implemented under SERVE including insulation (wall and roof), heating system and controls, wood stove and solar water heating system. In addition, detailed results from the energy monitoring completed on site will be provided showcasing the case for energy upgrading and some of the trends and profiles which can be determined by energy monitoring.

12:00 – 14:00 Gurteen Agriculture College, Ballingarry, Roscrea

Gurteen Agricultural College has taken a proactive approach in the past three years to develop itself as a demonstration centre for sustainable energy. It has installed a 50kW wind turbine, 600kW biomass district heating system, wood chip drying floor and willow plantation while also completing a major energy efficiency upgrade on many of its buildings. Those on the site visit will hear how the projects were conceived, developed, implemented, financed and their performance. In addition, future developments on the site will be discussed.

15:00 – 17:00 Eco Village, Cloughjordan

The eco village contains a range of low energy buildings which have been built using a wide range of construction methods and materials. The buildings are all connected to a biomass district heating system. Extensive energy monitoring is on-going at the site. In addition, the site has been developed based on permaculture approaches with food production, green spaces and sustainable transport all integrated into the site.

Transport will depart the Abbey Court Hotel, Nenagh at 09:00 and return to hotel at 17:30

Please register and pay online at www.servecommunity.ie

Thursday 4th October

SERVE Workshops



Who Should Attend?

The workshops are open to everyone interested in the relevant topics. Homeowners, energy assessors, contractors, builders, planners or anyone connected or interested in the development of sustainable energy are welcome to attend.

Attendance will be limited so early booking is advisable.



| Workshop 1: 09:30 – 13:00 Location: Abbey Court Hotel, Nenagh | | Workshop 2: 09:30 – 13:00 Location: Abbey Court Hotel, Nenagh | | Workshop 3 : 09:30 – 13:00 Location: Cloughjordan Ecovillage | |
|--|--|---|--|---|---|
| TITLE: District Heating – Pipe Dream or Reality | SPEAKER | TITLE: Monitoring, Metering & Heating Controls | SPEAKER | TITLE: Planning a Sustainable Community Practical Lessons for Local Authorities from the Cloughjordan Eco village | SPEAKER |
| Nenagh District Heating Key Results from Feasibility Analysis. | Paul Kenny, Tipperary Energy Agency | Results from SERVE Technical and Practical Challenges to metering and monitoring | Kaj Pederson, EC Network & Michael Bell, Tipperary Energy Agency | Planning and Environment Master Plan Design, Sustainable Urban Drainage, Community Consultation, Permaculture Design, Lessons Learned. | Gregg Allen, Sustainable Projects Ireland Ltd. |
| Tralee Town District Heating Progress and Challenges. | Willie Moynihan, Kerry County Council | Smart Meters Technical Components and Opportunities | Electric Ireland | Energy and Housing District Heating Scheme, Energy Efficient Housing, Low Cost Build & Co-operative Housing Initiatives. | Duncan Martin, Sustainable Projects Ireland Ltd. |
| Financing District Heating Projects | NTMA | Are digital heating control benefits lost due to the consumer engagement challenge & guessing occupancy times? | Derek Roddy, Climote | Community and Enterprise Community Participation, Community Supported Agriculture (CSA Farm), Eco Tourism, Strengthening the Local Economy. | Davie Philip, Sustainable Projects Ireland Ltd. |

Workshop 4: 14:00 – 17:30

Location: Abbey Court Hotel, Nenagh

TITLE: Managing Deep Retrofitting Projects

SPEAKER

Local Authority Social Housing - An Effective Management System

Tipperary Energy Agency

The Approach of Obligated Parties to Large Scale Retrofitting

Electric Ireland

How can we coordinate retrofitting action at a local level?

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