



## VENUE SITEMAP

- Venue A - Seminar talk
- Area B - Agri Futures arena
- 1** Main entrance
- 2** Registration
- 3** Canteen (hot food & beverages)
- 4** Expo arena

- 5** Demo meeting point
- 6** Gurteen Main College
- 7** Speakers area (Gurteen House)
- 8** Biomass Boiler
- 9** Fire assembly point (Tennis Court)
- 10** The Dairy

## VENUE & LOCATION

Energy in Agriculture 2019 takes place at Gurteen College, Ballingarry, Roscrea, Co. Tipperary, E53 TP93.

Ballingarry, North Tipperary, lies on the N52, north of Borrisokane and 10km south of Birr. Gurteen is 1km west of the N52 and is signposted from the main road, about 2km north of Ballingarry.

The GPS co ordinates are **N53.04165° W0008.01226°**

Detailed directions and map are available on [energyinagriculture.ie](http://energyinagriculture.ie)



Contact: 067 21282  
Email: [info@gurteencollege.ie](mailto:info@gurteencollege.ie)

**Want to get the Green Cert?**

**OPTION 1: Full Time**  
for 17+ year olds, 2 years full time

**OPTION 2: Part Time**  
for 23+ year olds, part time night course

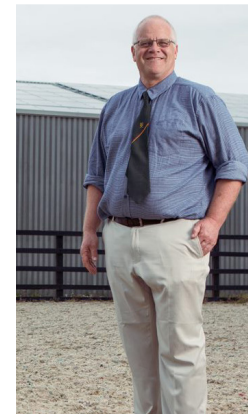
**OPTION 3: Distance**  
for those who have completed a Level 6 Major Award or higher (distance education)

**OPTION 4: Equine**  
Via CAO in conjunction with Ashmore L.T.

Currently accepting applications for Options 2 & 3



# ENERGY IN AGRICULTURE 2019



**AUGUST 20<sup>TH</sup> 2019** GURTEEN COLLEGE, CO. TIPPERARY



Expo | Talks | Demos | Agri Futures Arena

For further information and to register to attend this event free of charge please visit our website [www.energyinagriculture.ie](http://www.energyinagriculture.ie)

### EVENT SPONSORS



### EVENT PARTNERS



### SPONSORED BY





# ENERGY IN AGRICULTURE 2019

Energy in Agriculture returns on August 20th in Gurteen College, Co. Tipperary. The event is Ireland's largest renewable energy event for the farming community.

Last year over 3000 visitors had the opportunity to explore the latest renewable energy opportunities to use clean technology, drive efficiency and manage business costs in Irish agriculture.

This year's event is even better. There are plenty of ideas to reduce farm costs and improve energy efficiency, as well as information on policy and practical financial and legal advice.

## EXHIBITION AREA

The networking and learning that takes place in the EXPO arena is one of the most important aspects of Energy in Agriculture. The EXPO offers farmers an opportunity to meet with expert suppliers of products relating to energy on your farm. All areas are represented from solar pv, wind, biomass, finance and consultancy. You can be sure you will receive the best advice and leave armed with knowledge.

A full list of all our exhibitors is available on:

<https://energyinagriculture.ie/exhibitors/our-exhibitors/>

## AGRI FUTURES ARENA

In association with the Local Enterprise Office, Tipperary.

An exciting new addition for 2019 is the launch of the Agri Futures Arena. We will be looking at the latest in EVs, agricultural based technology and automation. Sustainable and Robotic Agri-tech companies will be demonstrating their innovations. Throughout the day, there will be the opportunity to test drive the latest EVs.

## DEMONSTRATIONS

Brand new this year will be the Energy Efficiency Demo taking place in Gurteen's new high-tech dairy parlour. The practical demonstration will showcase options for improved efficiency and new technologies. The ever-popular Biomass and Solar PV Demos also return.



Oifig Fiontair Áitiúil  
Local Enterprise Office

# PROGRAMME

## PANEL DISCUSSIONS EXPO Arena

10.00 - 10.15	<b>Official Opening</b> by Sean Kelly, MEP
10.15 - 11.00	<b>Energy in Agriculture</b> Panel discussion will focus on energy and sustainability in agriculture and the challenges faced by the farming community. Panel to include: Joe Healy, IFA; Barry Caslin, Teagasc; Marie Donnelly, Director TEA; Andrea Carroll, SEAI.
12.00 - 13.00	<b>Diversification Opportunities in Farming</b> Panel discussion will explore opportunities for farm level diversification and the supports available to assist this diversification. Panel to include: Fergus Moore, DAFM; Eddie O'Neill, Artisan Food Specialist, Teagasc; Bernadine Mulhall, Coolanowle Country House; JP Mulherin, LEADER, Department of Rural and Community Development.
14.00 - 15.00	<b>Food and the Environment - Meeting the Dual Challenges</b> Panel discussion on Sustainability in Agriculture. Panel to include: Dr Cara Augustenborg, UCD; Pat Hennessy, Forestry farmer, Co.Laois; Thomas Ryan, IFA; Fiona Thorne, Teagasc.

## TALKS Venue A

11.00 - 12.00	<b>Support Scheme for Renewable Heat:</b> Outline of terms & conditions of SSRH and how it is relevant to Irish Agriculture.	Ray Langton, SEAI and Barry Caslin, Teagasc
12.00 - 13.00	<b>Biomass Supply chain from Farm Forestry:</b> Focus on supply chain including discussion on viability, margins etc.	Michael Somers, Teagasc with farming case study
13.00 - 14.00	<b>Reducing Energy Costs including Energy Efficient Lighting – Where to Start:</b> Discussion of options for reducing energy costs through increased efficiency.	John Upton, Teagasc and Alan Jackson, TEA
14.00 - 15.00	<b>Renewable Electrification of Farms:</b> Options for the production of renewable energy for on-farm use.	Paul Kenny, CEO TEA with Ger Duffy, CE, Eurotech Group
15.00 - 16.00	<b>Fuel Switching – Renewable Heat Demand:</b> Options for renewable heat with a special focus on Gurteen college.	Mike Pearson, Gurteen with Sean Finan, CEO IrBEA

## DEMONSTRATIONS

11.00 - 12.00	<b>Solar PV Demo:</b> Overview of technology. Discussion on quality standards, costs and returns from solar PV.	Paul Kenny (Facilitator) Declan McEvoy, IFAC James Staines, Staines Law Karol O'Kane, ESB Networks Robert Goss, Solar Electric Tipperary Co. Co. Planning
13.00 - 14.00	<b>Biomass Demo:</b> Demonstration focussing on sustainable harvesting and supply of timber to processors and end user.	Barry Caslin (Facilitator) Geraldine O'Sullivan, IFA Mike Pearson, Gurteen Nic Cotter, Mid West Forestry Alex Kelly, Irish Wood Producers Mark Hanly, Greengrove Wood Energy
15.00 - 16.00	<b>Energy Efficiency Demo:</b> Practical demonstration showcasing options for improved efficiency and new technologies.	Tom Short, IFA (Facilitator) John Upton, Teagasc Declan McEvoy, IFAC John Hassett/Alan Jackson, TEA Ken Flynn, Farm Manager, Gurteen Seamus Goggin, DeLaval

## AGRI FUTURES ARENA Area B

11.00 - 17.00	Demonstrations from sustainable companies and robotic agri-tech companies showing the latest in agricultural based technology and automation.	EV displays and trials
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## ASK THE EXPERTS Find the experts at their stands in the Expo Arena

Planning - Tipp Co Co

Taxation - IFAC

Finance - AIB

Legal - Staines Law

Energy Costs - TEA

Energy Advice and Grants - SEAI