



ENTRY CRITERIA AND GUIDELINES

21. RUSHLIGHT WASTE TO ENERGY AWARD

Award

Awarded to the most significant technological development or innovation that advances waste to energy as an environmentally effective way of managing end-of-life resources and generating energy.

Background

Using end-of-life resource as a source of fuel has many benefits. It is a continual source and using it for fuel provides a safe and cost effective means of disposal. Technology now has enabled a wide range of different types of resource to be used as fuel. There are also now strict environmental standards which govern the emissions from energy from waste plants, particularly heavy metals, furans and dioxins. This has resulted in the installation of extensive gas cleaning systems.

Entrants

This category is designed to include the use of municipal and industrial waste as a source of energy. Entrants are also invited from the areas of combustion with energy recovery and advanced thermal technologies, such as gasification and pyrolysis. Specifically, biogas which is not as a result of anaerobic digestion is included in this category, but landfill gas is included in the Resource Management category.

Purpose of the award

The award is designed to celebrate and publicise the significant achievements in developing the technology and innovation behind the utilisation of waste as a source of power or fuel. This award can inform the consumer about what is happening and so encourage the further take-up of waste to energy systems in commercial, agricultural and municipal situations.

Specific criteria

The key criteria that the judges will be focusing on are:

1. The importance and novelty of the innovation in addressing a specific issue (/20)
2. The “cleverness” of the innovation, which may include either its simplicity or its complexity (/20)

3. The evaluation of the innovation: the bigger the problem that has been solved or the greater the technology advancement that has been made the better (/15)
4. Whether and how the innovation can be replicated, sold or multiplied to increase the beneficial effect for society (/15)
5. Evidence of the efficacy or effect of the innovation (/10)
6. The holistic impact of the innovation on the environment. (/20)

Entry form

The Entry Form has the following sections to be completed:

- **Summary:** This is where you set out a synopsis of what the process or technology is and does. This summary will be used as the descriptor should you be shortlisted
- **Project status:** This is where you explain the stage that the project, innovation or technology has reached.
- **Description:** Please set out under this heading as much detail as you can to make the technology development, innovation or process understood. You can include confidential and commercially sensitive information here and it will be treated as such, provided you mark it as being sensitive.
- **Innovative aspect:** This is where you explain the really clever bit. How have you addressed the problem or avoided the issue or organized the process? Again, please mark “commercially sensitive” or “confidential information” accordingly.
- **Benefits:** This is where the evaluation of the concept will be made. Please include in here as much evaluated detail of the benefits as possible. Examples include some sense of financial benefit, cost savings, price adjustments, expected or achieved sales effects, greenhouse gas emission reductions or other directly attributable benefits of the process or technology. Third party verified data is especially valuable.
- **IP ownership:** Set out here who owns what patents associated with the technology and clarify precisely the development that has been achieved by the applicant organization(s).
- **Additional information:** No form can cater for all eventualities and so this provides space for further explanation or details.

Lastly, if the form does not provide enough space or the questions are not directly relevant, then please send further material as an attachment to your entry email. Up to two attachments can be sent, each one no more than 5Mb in size.