

International Conference on Sustainability in Energy and Buildings

Invited Sessions

Title of Session: Industrial Energy Management

Name of Chair: Professor Andrew Thomas

Description:

As industry seeks new and innovative methods of reducing costs of production and manufacture, energy reduction and effective energy management has now become a key business driver to secure future business sustainability.

This Industrial Energy Management track invites new and original research articles, technical reports and case study presentations from academics and practitioners on how to create effective industrial energy management strategies and ensure that businesses are able to reduce costs and ensure improved environmental sustainability.

By focussing on the fact that industry is advancing at an unprecedented rate with new technologies and business paradigms achieving greater sophistication and complexity, it is now critical that businesses seek new and innovative ways to invest in new technology in order to create an all-round energy efficient business.

The track will offer a range of different perspectives on industrial energy management methods, technologies and systems to achieve industrial sustainability, incorporating energy management systems into future business strategies and identifying ways in which effective industrial energy management can assist in the creation of competitive businesses.

Papers are invited (but not limited to) the following areas:

- District heat and power systems
- Combined heat and power systems
- Industrial energy auditing
- Renewable energy systems
- Renewable energy supply chains
- Lean energy management
- Plant and facilities management
- The use of Data Analytics in industrial energy management

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