

Challenges in predicting needs of the sector

- Proactive Vs Reactive
- Legislation-lead factors
- Market-lead factors
- Innovation-lead factors



How is the European Energy Centre (EEC) addressing skills gaps through university Conferences

- Knowledge-sharing through university Conferences aimed at networking.
- Educational courses.
- Publications for raising awareness.

www.EUenergycentre.org



Content of presentation

Making renewable energy education accessible to the international community

The world needs more effective renewable energy capacity and training institutions and educational courses that focus on cross-cultural understanding.

What are the challenges and constraints? (academic and non-academic)

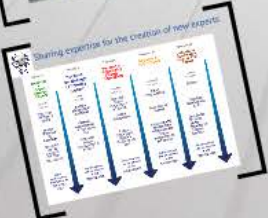
How can we overcome them? (academic and non-academic)

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Making education accessible globally

Creating new skills and training courses to meet the needs of people in different countries and cultures.

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EEC's Core Competences

- Making renewable energy education Accessible to the international community
- Making education accessible globally



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The European Energy Centre (EEC)

Promoting best practice in Renewable Energy since 1975





Content of presentation

- What challenges do educational institutions face in predicting the needs of the sector?
- How is EEC addressing skills gaps through education and training? Galileo Master Certificate
- Making renewable energy education accessible to the international community

Making renewable energy education



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Organised in partnership with the United Nations,
under the support of Ministries and the Italian Ministry of Environment



Renewable Energy Training

Up to 5000 participants attend courses by the EEC every year

36 years of European activity

Network of 22 Universities work with the EEC across Europe

Courses include (but not only):

Energy Efficiency, Solar Photovoltaic, Renewable Energy Management & Finance, Wind Power, Heat Pumps, Biomass, Wave & Power, CHP, Marketing for Renewable Energy.





Sharing expertise for the creation of new experts

Pathway to

**become
a
Green
Energy
Expert**

COURSES
INCLUDE:

Wind Power
OR Wave &
Hydro

Energy
Efficiency
in
Buildings

Renewable
Energy
Solutions
OR Solar
Photovoltaic

More
courses can
be chosen at
the training
page



Pathway to

**become
an Energy
Efficiency
Expert**

COURSES
INCLUDE:

Energy
Efficiency in
Buildings

Carbon
Management
OR The Green
Deal

Renewable
Energy
Management &
Finance

More courses
can be chosen
at the
training page



Pathway to

**become a
Renewable
Energy
Consultant**

COURSES
INCLUDE:

Renewable
Energy
Management
& Finance

Carbon
Management

Energy
Efficiency in
Building
OR The Green
Deal

More courses
can be chosen
at the
training page



Pathway to

**become a
Solar Expert**

COURSES
INCLUDE:

Solar
Photovoltaic

Solar Water
Heating

Electricals for
Renewables
OR Renewable
Energy
Management
& Finance

More courses
can be chosen
at the
training page



Pathway to

**become a
Renewable
Heat & RHI
Expert**

COURSES
INCLUDE:

Biomass

Combined
Heat & Power
(CHP)

Heat Pumps
OR Solar
Water
Heating OR
Essential
Electrics

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can be chosen
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The Galileo Master Certificate

Internationally recognised Certificate for the Renewable Energy Sector

GALILEO MASTER CERTIFICATE

The Internationally Recognised Certificate for the Renewable Energy, Heating & Cooling Sectors

INTERNATIONAL CONFERENCES

MAJOR UNIVERSITIES

LEADING TRAINING

WORKSHOPS

RENOWNED CERTIFICATES

EUROPEAN PROJECTS



Heriot-Watt University



Imperial College London



Coventry University



Glasgow Caledonian University



UNITED NATIONS - UNEP
EUROPEAN ENERGY CENTRE
CENTRO STUDI GALILEO
*Promoting best practices
in Renewable Energy since 1975*



Edinburgh Napier



Nottingham

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Imperial College London



Edinburgh Napier University



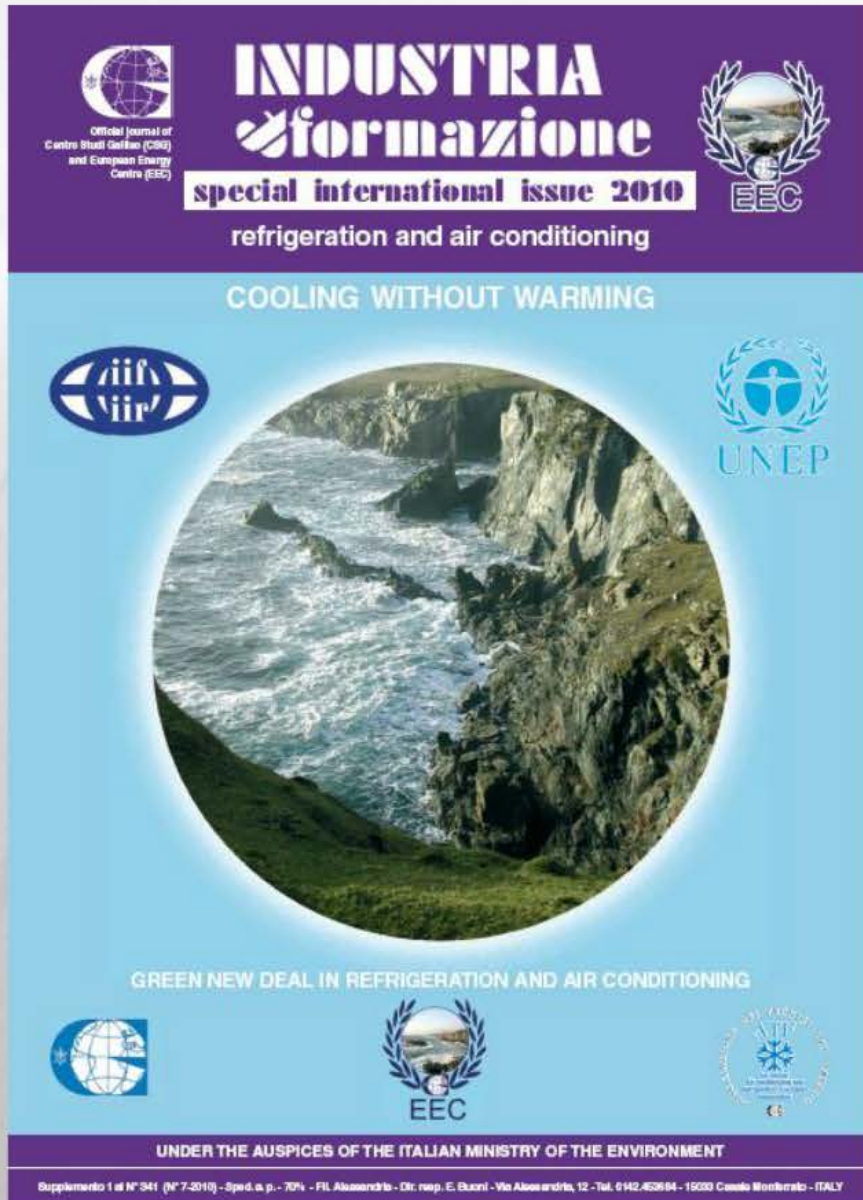
Nottingham University



The EEC, promoting best practices with leading universities, institutions and organisations through training and conferences

Learning & Networking





Raising awareness through
publications:
European Energy Centre -
United Nations
Environment Programme

3rd edition

Published in partnership
with UNEP, IIR, ATF and Centro
Studi Galileo

Strong focus on Heat Pumps
& Renewable Energy
(visit ww.EUenergycentre.org)



International Special Issue launched in partnership with the United Nations MOP22, at the UN Conference in Bangkok, 12 Nov '10.



In the photo, holding the EEC's magazine (from the left): Mr Shende, Director, United Nations Environment Programme (UNEP); His Excellency Thakur Prasad Sharma, Minister of the Environment for Nepal; Alessandro Giuliano Peru, Italian Ministry of Environment; Didier Coulomb, Director, intergovernmental International Institute of Refrigeration (IIR).

Making renewable energy education accessible to the international community

To meet global and national renewable energy targets, each country, community and individual has the duty to learn and educate in renewable energy.

What can individuals and communities worldwide do?

- New media and internet access to reach online courses.
- Achieving accreditations, awards and certificates in recognition of educational activities achieved.
- Network and keep up to date with developments through Social Media.
- Keep up to date with latest research via online publications.

Making education accessible globally

- Utilising new media and internet access to reach communities globally
Distance Learning and Classroom www.academy-eec.co.uk
- Recognising ongoing work carried out by professionals in the field by awarding them Membership and recognition
Professional Membership Programme www.energycpd.co.uk
- Allowing international students and professionals to network and keep up to date with developments through Social Media (Facebook, Twitter, Linked In).
Networking
LINKED-IN [Join Group "UK Renewable Energy Network"](#)
FACEBOOK <http://www.facebook.com/euroenergycentre>
TWITTER <https://twitter.com/EUenergycentre>
- Keep up to date with latest research
Technical Journal www.energy-learning.com



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