

# ***Red Lights to Green Energy? Overcoming the Barriers to Renewables***

Hosted by the Sustainable Energy Regions III Conglomerate

Wednesday 8 October, East of England Brussels Office, 4 Rue du Trône, 1000 Brussels

## **09h00: Welcome Breakfast**

## **09h30: Regional Contributions**

### **England's Northwest**

Mark Atherton, Northwest Regional Development Agency & Northwest Climate Change Partnership  
*Workshop Moderator*

### **Castilla y León**

Ricardo Gonzalez Mantero, General Director for Energy & Mines and Regional Energy Agency Director  
*A Regional Response to Barriers to Bio Energy: The Bio Energy Action Plan of Castilla y León*

### **Carinthia**

Gerhard Rabensteiner, Chief Operating Officer, KIOTO Clear Energy AG  
*Solar energy – Energy of the present and the future*

### **Central Portugal**

Cristina Santos, Forest Resources Directorate General  
*Barriers to the Production of Energy from Forest Biomass*

### **Mid-Norway**

Johan Hustad, Director of Institute for Renewable Energy  
*Gaining Public and Political Acceptance of Renewable Energies*

### **East of England**

Steve Clarke, Development Director for Offshore Renewable Energy at Renewables East  
*Kick-starting an Industry within a Sub-region!*



Workshop «Red lights to green energy?», 8 October 2008



Meeting Place, 9 October 2008



# OPEN DAYS

Perspectivas para a produção regional de energia renovável

9h 30m Recepção de participantes

10h00m Sessão de Abertura

**tema A A visão estratégica para a Europa e para Portugal.**

**apresentação 1**

As renováveis na Europa e em Portugal.

**apresentação 2**

As energias renováveis no plano energético da Extremadura - Espanha

**apresentação 3**

As energias renováveis no plano energético de Castilha y León - Espanha

**tema B O Centro das Renováveis.**

**apresentação 1**

Energia Eólica: o dia depois do potencial estar esgotado.

**apresentação 2**

Biomassa Florestal e os combustíveis de 2ª geração.

**apresentação 3**

Ondas: da zona piloto ao cluster do mar.

**apresentação 4**

Pequenas Centrais Hidroelétricas

**apresentação 5**

Geotermia: potencialidades da Região Centro

13h 00m | 14h 30m Almoço

**tema C Sustentabilidade e Desenvolvimento Regional.**

**apresentação 1**

O cluster das energias renováveis. Uma comparação das experiências em várias regiões da Europa.

**apresentação 2**

O contributo dos pequenos projectos de energias renováveis nas dinâmicas empresariais.

**apresentação 3**

Renováveis e desenvolvimento regional.

**apresentação 4**

Das renováveis ao Hidrogénio

16h 30m Encerramento

CIATA

OPEN DAYS outubro 24 2008

Centro de Biomassa para a Energia  
Miranda do Corvo

Perspectivas para a produção regional de energia renovável

Perspectivas para a produção regional de energia renovável

# OPEN DAYS



European Week of Regions and Cities  
Brussels  
8-9 October 2008



Perspectivas para a produção regional de energia renovável

# OPEN DAYS

Este Conqumero irá realizar em Bruxelas (7 e 8 de Outubro) dois workshops dedicados a temas relacionados com as energias renováveis e as alterações climáticas. Uma vez que os OPEN DAYS pretendem envolver todo o espaço europeu, cada região que integra um Conqumero promove a reflexão de energia renovável. As perspectivas para a presente workshops Biomassa para a em colaboração no âmbito dos OPEN DAYS em Bruxelas (7 e 8 de Outubro) dois workshops dedicados a temas relacionados com as energias renováveis e as alterações climáticas.

A participação da Região Centro far-se-á integrando um Conqumero de Regiões intitulado «Sustainable Energy Regions III», onde participam regiões de vários países europeus: East of England, que lidera, e também as regiões de Cornúlia (AT), Castíla y León (ES), England's Northwest (UK), Mid-Norway (NO), Olsztyn (PL), Saxony (DE), South Bohemia (CZ), Warmia and Mazury (PL), West Finland (FI), West Norway (NO).

A Região Centro, através da Comissão de Coordenação e Desenvolvimento Regional do Centro, vai estar presente no OPEN DAYS 2008, um evento europeu que procura reunir em Bruxelas, entre 6 e 9 de Outubro, as regiões e cidades europeias para mostrar a sua capacidade de assegurar o crescimento e a criação de empregos e de implementar a política de coesão da União Europeia.



## **Report of local event - Central Region of Portugal**

**Type of the event – Title: Perspectives of the regional production of renewable energy**

**Date and time:** 24 October 2008, 10.00 until 16.30

**Organiser(s):** Coordination and Development Commission for the Centre Region and Biomass Centre for Energy

### **Speakers:**

Alfredo Marques, President of Central Region of Portugal  
Fátima Ramos, President of the Municipality of Miranda do Corvo  
José Penaforte, President of Biomass Centre for Energy  
Manuel Garcia Perez, Junta de Extremadura, Energy and Industrial Planification DG  
Santiago Diez Castilla, Junta de Castilla y León, Regional Entety for Energy.  
Anibal Traça de Almeida, University of Coimbra  
Ana Estanqueiro, INETI  
Gil Patrão, Electricity of Portugal, EP  
António Sarmiento, Superior Technical Institute – Lisbon  
Luís Neves, University of Coimbra  
Susana Escária, Ministry of Environment  
Luís Mejías, Atlantic Group  
Tiago Sousa, Martifer Group

### **Participants:**

Municipalities – 14  
Energy Agency – 1  
CBE – 1  
Universities – 10  
Forestry Authority – 2  
Regional Department of Economy – 1  
CCDRC - 2

### **Outline**

The workshop was opened by local authorities and the organizers (CCDRC and CBE). The first session was dedicated to the presentation of some national and regional examples of strategic visions to the development of renewables: Portugal, Extremadura and Castilla y León (Spain) and Central Region of Portugal.

The second session was dedicated to present the perspectives on concrete examples of important energy types on Central Region: wind, forestry biomass, waves and geothermic. The final sessions was dedicated to present some examples of the connection between the growth of renewables and its impact on regional development (job creation, etc.).

### **Conclusions:**

Central Region of Portugal is a unique territory where the abundance of different kinds of resources related with renewables is strongly present in the region (sun, wind, forestry, biogas, geothermic, water and sea waves). Some of those resources are under exploited. Actually, in the universities and other technological institutions is made an important effort to develop new projects and technologies to exploit those resources. In other hand there are now an interesting entrepreneurial dynamic that suggest de emergency of a cluster in renewables.

Is an important challenge to all those organizations work together, including public administrations (national, regional and local) in the base of a strategic and integrated approach that profit the opportunities from a new global scenario of the energy sector.

### **More information:**

[www.ccdrc.pt](http://www.ccdrc.pt)

CCDRC, Renewable energy in Central Region of Portugal, 2008.



# **CENTRAL REGION OF PORTUGAL**

## **A REGION THAT PROJECTS THE FUTURE**

- **Extensive and diversified territory**
  - **Abundant and valuable natural resources**
  - **Unique cultural heritage and way of life**
  - **Easily mobilised and attractive tourist resources**
- **Strong forestry and small farm tradition**
  - **Balanced and dynamic urban system**
  - **Increasingly valorised human capital**
  - **Competitive and innovative clusters**
  - **Tradition of higher education and R&D activities**

# CENTRAL REGION OF PORTUGAL

## A REGION THAT PROJECTS THE FUTURE

- Rich in renewable energy resources
  - Wind energy
  - Solar energy
  - Forest biomass
  - Biogas
    - Second biofuels generation
  - Geothermal energy
  - Water power
  - Wave energy

