



**ENERNOVA**

Feria Internacional de las Energías Alternativas y Medio Ambiente  
 5, 6 y 7 de junio: Congreso Internacional de Energías y Medio Ambiente  
 7, 8 y 9 de junio: Feria Enernova  
**IFEVI VIGO 2007**

## 1st International Congress on Alternative Energies and the Environment Vigo (IFEVI), Spain, 5-7 June 2007

Tuesday 5th June-IFEVI	
08:30	Registration, perusal of congress documentation
09:30	<b>Opening Conference Address</b> <b>D. Manuel Vázquez Fernández.</b> Minister for the Environment and Sustainable Development.
<b>Forum 1</b>	<b>NEW LEGAL FRAMEWORKS</b>
<i>Chairperson:</i>	<b>D. Xoán Ramón Doldán García.</b> Director, Galician Institute of Energy (INEGA)
10:00	<b>European Energy Policy</b> <b>Dr. Gonzalo Molina Igartua.</b> New and Renewable Energies Consultant, managing the demand and sustainable development in the European Commission. (DG TREN)
10:30	<b>Funding and Subsidy Policy</b> <b>Dr. Julio Artigas Cano de Santayana.</b> Departmental Head, Solar Institute for the Diversification and Conservation of Energy (IDAE)
10:50	<b>Co-generación Sector</b> <b>D. José María Roqueta.</b> President, COGEN Spain.
11:10	Open discussion.
11:30	Coffee break.
<b>Forum 2</b>	<b>PHOTOVOLTAIC SOLAR ENERGY</b>
<i>Chairperson:</i>	<b>Dra. Elena Albo.</b> University of Vigo
12:00	<b>Photovoltaic Solar Energy: "An Alternative for Generation" – Latest Technologies</b> <b>D. Pedro Eduardo Sánchez.</b> Assistant Director, ISOFOTÓN Industrial Expansion.
12:20	<b>Amorphous Silicon Solar Module Enterprise Initiative</b> <b>D. Juan Laso.</b> Managing Director, T-SOLAR GLOBAL.
12:40	<b>Photovoltaic Equipment: Insulation, Installation and Architectural Integration</b> <b>D. Enrique Alcor.</b> Commercial Director, ATERSA
13:00	<b>Quality control for grid connected PV systems</b> <b>Dr. Christian Reise.</b> Fraunhofer Institute for Solar Energy Systems ISE.
13:20	<b>Legislative, Regulative and Financial Frameworks for Solar Photovoltaic Plants</b> <b>D. Santiago Gómez-Randulfe Álvarez.</b> President, Galician Council for Industrial and Technical Training; Risk Analyst, CAIXANOVA
13:40	Open discussion
14:00	Lunch
<b>Forum 3</b>	<b>THERMAL SOLAR ENERGY</b>
<i>Chairperson:</i>	<b>D. Juan Álvarez Carril.</b> Director of Energy and Energy Planning, Galician Energy Institute (INEGA)

García Barbón, 22 Eto.  
 36201 Vigo - España  
 Tel.: 34 - 986 44 27 84  
 Fax: 34 - 986 22 91 60

[www.feriaenernova.com](http://www.feriaenernova.com)  
[congreso@feriaenernova.com](mailto:congreso@feriaenernova.com)





# ENERNOVA

Feria Internacional de las Energías Alternativas y Medio Ambiente  
 5, 6 y 7 de junio: Congreso Internacional de Energías y Medio Ambiente  
 7, 8 y 9 de junio: Feria Enernova  
**IFEVI VIGO 2007**

16:30	<b>Tecnologías for harnessing solar energy for thermal uses</b> <b>D. Horacio Pequeño Aboy.</b> Universidade de Vigo, Representant of ATEFIR, Asociation of Technicians of air conditioning and Refrigeration.
16:45	<b>Thermal Solar Collectors Fabrication Enterprise Initiative</b> <b>D. Manuel Domínguez Piñeiro.</b> Contracts Director, INELSA
17:00	<b>Thermal Solar Industry</b> <b>D. Santiago Ostáriz Romeo.</b> Managing Director, ISOFOTÓN Thermal Solar Area.
17:15	<b>Solar Chill</b> <b>Dr. Stefan Remke.</b> CitrinSolar representative, Spain.
17:30	Open discussion
17:45	Coffee break
<b>Forum 4</b>	<b>PASSIVE SYSTEMS</b>
<i>Chairperson:</i>	<b>D. José Cidrás.</b> Vice-rector of Planning, University of Vigo
18:00	<b>System Design and Bio-climatic solutions</b> <b>D. Florencio Manteca.</b> Director, Department of Bio-climatic Architecture, National Centre for Renewable Energies (CENER)
18:20	<b>Simulation of the energetic behaviour of buildings</b> <b>D. Moisés Morató.</b> Urban Ecology Agency, Barcelona.
18:40	<b>Use of passive solar systems in the restoration of the historic quarter of Santiago de Compostela</b> <b>D. Ángel Panero Pardo.</b> Director, City of Santiago de Compostela Technical Consortium.
19:00 – 19:30	Open discussion
<b>Wednesday 6th June-IFEVI</b>	
<b>Forum 5</b>	<b>AGRO-FORESTAL BIOMASS</b>
<i>Chairperson:</i>	<b>D. Alberte Blanco Casal.</b> Director Xeral de Montes e Industrias Forestais, Xunta de Galicia
9:00	<b>Experiments in collection and energetic benefits from Spanish forest residues</b> <b>Dr. Eduardo Tolosana Esteban.</b> Departament of Forest Economics and Management , E.T.S.I. de Montes, UPM.
9:20	<b>Accomplishments and experiments in Galicia: Technologies of collection, woodchip and compacting, costs and output</b> <b>D. Xosé Francisco Pedras.</b> Director, CIS- MADEIRA – Galician Autonomous Government.
9:40	<b>Energetic Cultivation: species employed, output, costs and experiments</b> <b>Dr. Jesús Fernández.</b> Professor, Vegetal Production and President of the Association for the Diffusion and Exploitation of Biomass in Spain (ADABE).
10:00	<b>European Union Development Programmes and Initiatives</b> <b>Dr. Juan Carrasco García.</b> Biomass Project Coordinator UE-IER-CIEMAT
10:20	<b>Biomass Plant Initiatives</b> <b>D. Miguel Ángel Balboa Murias.</b> NORVENTO
10:40	Open discussion
11:00	Coffee break

García Barbón, 22 Etlo.  
 36201 Vigo - España  
 Tel.: 34 - 986 44 27 84  
 Fax: 34 - 986 22 91 60

[www.feriaenernova.com](http://www.feriaenernova.com)  
[congreso@feriaenernova.com](mailto:congreso@feriaenernova.com)



Muéstalo, S.L.  
 Organización de Eventos Feriarios



Aproemo



caixanova



Cámara  
 Vigo





# ENERNOVA

Feria Internacional de las Energías Alternativas y Medio Ambiente  
 5, 6 y 7 de junio: Congreso Internacional de Energías y Medio Ambiente  
 7, 8 y 9 de junio: Feria Enernova  
**IFEVI VIGO2007**

11:15	CONFERENCE: <b>Renewable Energies in the Rural Environment</b> <b>D. Alfredo Suárez Canal.</b> Rural Environment Minister, Galician Autonomous Government
<b>Forum 6</b>	<b>BIOMASS PHYSICAL TRANSFORMATION AND ENERGETIC CONVERSION</b>
<i>Chairperson:</i>	<b>D. Gonzalo Flores Calvete.</b> General Director, Agro-forestal research, training and technology, Galician Autonomous Government
12:00	<b>Solid Bio-fuels: briquettes and pellets – technology, costs and situation of the national market</b> <b>Dr. Luis Ortiz Torres.</b> Professor of Agro-forestal Engineering, Director of the E.U.I.T. Forestais, University of Vigo.
12:20	<b>Situation of the Densified Biomass market in Europe</b> <b>Dr. Johan Vinterbäck.</b> Swedish Bioenergy Association.
12:40	<b>Advanced Combustion, Combustion and Co-generation systems: experiments, problems, management and costs</b> <b>Dr. Gregorio Antolin Giraldo.</b> Director, Bio-combustible research for the Cartif Foundation, Head Professor, Department of Chemical Engineering E.T.S.I.I., University of Valladolid.
13:00	<b>Biomass co-generation: experiments and initiatives in Portugal</b> <b>Dr. Gil Patrão.</b> Biomass Energy Centre (Portugal)
13:20	<b>Co-generation experiments in the wood industry</b> <b>D. Félix Pérez Gayol.</b> Director, ENCE Industrial Complex, Pontevedra.
13:40	Open discussion
14:00	Lunch
<b>Forum 7</b>	<b>ALTERNATIVE COMBUSTIBLES FOR TRANSPORT</b>
<i>Chairperson:</i>	<b>D. Santiago Alonso Ferragut.</b> Managing Director, Central Parks, Council of Vigo
16:30	<b>Liquid bio-combustibles: Bio-alcohol and bio-diesel: technology, management and costs</b> <b>Dr. Manuel Bao Iglesias.</b> Profesor, Chemical Engineering, USC
16:50	<b>Bio-diesel production experiments</b> <b>Dr. Lorenzo Pastrana.</b> Head Professor, Department of Chemical Analysis and Nutrition, University of Vigo. Director, Centre for Research, Transfer e Innovation (CITI).
17:10	<b>Industrial experiments in ethanol production</b> <b>D. Antonio López-Perales.</b> Quality Control and Environmental Director, Galician Bio-ethanol Plant, S.A. (ABENGOA)
17:30	<b>The opportunity of bio-fuels: Bio-diesel as an alternative</b> <b>D. Antonio Espiñeira.</b> Infinita Renovables
17:50	Open discussion
18:10	Coffee break
<b>Forum 8</b>	<b>HYDROGEN AS A COMBUSTIBLE FUEL</b>
<i>Chairperson:</i>	<b>Dr. Anxo Sánchez.</b> Vice-rector, Quality Control and Innovation, University of Vigo.
18:20	<b>Production and Utilisation Technologies</b> <b>Dr. Santiago Urréjola Madriñán.</b> Departament of Chemical Engineering, University of Vigo. <b>D. Manuel de Cal Zapata.</b> Managing Director, NORTÉRMICA, S.A.

García Barbón, 22 Etlo.  
 36201 Vigo - España  
 Tel.: 34 - 986 44 27 84  
 Fax: 34 - 986 22 91 60

[www.feriaenernova.com](http://www.feriaenernova.com)  
[congreso@feriaenernova.com](mailto:congreso@feriaenernova.com)



Muéstralo, S.L.  
 Organización de Eventos Feriarios



Aproemo  
 Asociación de Promotores de Energías Renovables



caixanova



Cámara  
 Vigo





# ENERNOVA

Feria Internacional de las Energías Alternativas y Medio Ambiente  
 5, 6 y 7 de junio: Congreso Internacional de Energías y Medio Ambiente  
 7, 8 y 9 de junio: Feria Enernova  
**IFEVI VIGO 2007**

18:40	<b>Public Transport Applications</b> <b>D. Antonio Barreiro</b> . Technical Director CASTROSUA S.A.
19:00-19:30	Open discussion
<b>Thursday 7th June-IFEVI</b>	
<b>Forum 9</b>	<b>EOLIC ENERGY</b>
<i>Chairperson:</i>	<b>D. Manuel Gago Rodríguez</b> . Endesa Co-generation and Renewables, S.A.
9:00	<b>Environmental Impact Assesment</b> <b>D. José Benito Reza</b> . Director General for Nature Conservation, Galician Autonomous Government
9.30	<b>Advanced technology experiments in wind generation. Wind farms in Osorio (Brasil)</b> <b>D. Alberto Sánchez</b> . Technical Representative, Enerfin-Enervento
9:50	<b>Wind power contribution to regional development in Galicia</b> <b>D. José Manuel Pazo Paniagua</b> . President, Galician Eolic Association (EGA)
10:10	<b>Latest generation windmills</b> <b>D. Eckard Quitmann</b> . Consultant Engineer, International Sales Department, Technical Support Group, ENERCON GMBH
10:25	<b>Marine Wind Farms</b> <b>D. Luis Monge</b> . Business Development Director (Mediterranean)
10:40	<b>Connection to the mains: technical factors, planning and regulation</b> <b>D. Carlos González Patiño</b> . Director, Galicia, Spanish National Grid (REE)
11:00	Open discussion
11:30	Coffee break
12:00	<b>ENERNOVA Trade Fair Opening</b> <b>D. Fernando Xavier Blanco Álvarez</b> . Minister for Industry and Innovation, Galician Autonomous Government
14:00	Lunch
<b>Forum 10</b>	<b>CLIMATE CHANGE</b>
<i>Chairperson:</i>	<b>D. José Álvarez</b> , President, Galician Environmental Association (SOGAMA)
16:30	<b>Kyoto Protocol</b> <b>Dña. Teresa Rivera Rodríguez</b> . Director General, Spanish Office on Climate Change, Ministry of the Environment
16:50	<b>Soil capture and storage of CO<sub>2</sub></b> <b>Dr. Felipe Macías</b> . Professor of Edaphology, University of Santiago de Compostela.
17:10	<b>The role of AENOR in the Kyoto Protocol. Clean Development Mechanisms</b> <b>D. José Luis Tejera Oliver</b> . Development Director, AENOR.
17:30	<b>Forests capture and storage of CO<sub>2</sub></b> <b>Dr. Enrique Valero Gutiérrez del Olmo</b> . Director, Research Group AF-4, University of Vigo. Member of the European Commission's Consultative Group on the Environment

García Barbón, 22 Etlo.  
 36201 Vigo - España  
 Tel.: 34 - 986 44 27 84  
 Fax: 34 - 986 22 91 60

[www.feriaenernova.com](http://www.feriaenernova.com)  
[congreso@feriaenernova.com](mailto:congreso@feriaenernova.com)



Muéstralo, S.L.  
 Organización de Eventos Feriales



Aproemo



caixanova



Cámara  
 Vigo





# ENERNOVA

Feria Internacional de las Energías Alternativas y Medio Ambiente  
 5, 6 y 7 de junio: Congreso Internacional de Energías y Medio Ambiente  
 7, 8 y 9 de junio: Feria Enernova  
**IFEVI VIGO2007**

17:50	<b>CONFERENCE:</b> <b>Climate Change and application of the Kyoto Protocol in Galicia</b> <b>Dr. Emilio Fernández Suárez.</b> Director General, Sustainable Development, Galician Autonomous Government.
<b>Forum 11</b>	<b>RENEWABLE ENERGY INITIATIVES</b>
<i>Chairperson:</i>	<b>Dr. Xavier Lavandeira Villot.</b> Professor, Department of Applied Economics, University of Vigo
18:30	<b>Domoheat Project (Sixth Framework Programme)</b> <b>Dr. Alberto Gago.</b> Rector of the University of Vigo
19:00	<b>Pro-pellets Project (Intelligent Energy Programme-EU)</b> <b>D. Francisco Puente.</b> Director, ESCAN, S.A.
19:30	<b>Biomass Project in the Galician Wood Industry</b> <b>Dr. Juan Picos.</b> Director, Galician Mountain-Industry Association
20:00	<b>Presentation of the National Forum of Solid Bio-combustibles</b> <b>D. Francisco Javier Díaz.</b> President, Spanish Association for Biomass Energy Appreciation (AVEBIOM)
19:50	<b>Enersilva Project (Interreg Sudoe UE-Programme)</b> <b>Braulio Molina Martínez.</b> Technical Manager of the Forestry Association of Galicia
20:10	<b>Wave and tide power use in the Galician coast</b> <b>D. Gerardo López Roibás.</b> NORVENTO
20:30	<b>CONGRESS CLOSE</b>

García Barbón, 22 Etlo.  
 36201 Vigo - España  
 Tel.: 34 - 986 44 27 84  
 Fax: 34 - 986 22 91 60

[www.feriaenernova.com](http://www.feriaenernova.com)  
[congreso@feriaenernova.com](mailto:congreso@feriaenernova.com)



Muéstralo, S.L.  
 Organización de Eventos Feriales



Aproemo  
 Asociación de Promotores de Energías Renovables



caixanova



Cámara  
 Vigo

