

9:15 - 10:00 Welcome

Mr Fernando Orejas, Acting Rector and Vice-rector of Research Policy at UPC - Polytechnic University of Catalunya

Mr Pere Palacín, General Director for Energy, Mines and Industrial Safety - Government of Catalunya

Mr Manuel Valdés, Deputy Managing Director of Infrastructures and Urban Coordination - City Council of Barcelona

10:00 - 14:00 Plenary Session

Jose Etcheverry Ph.D. - Co-Chair of Sustainable Energy Initiative, Associate Professor, Faculty of Environmental Studies, York University, Toronto, Ontario - Canada

Conference title: "100% Renewable Energy: How do we Get There?"

Keith A. Nelson - Massachusetts Institute of Technology, MIT - USA

Conference title: "Maintaining the thermo in thermoelectrics: How the fundamentals of heat transport are still being figured out, and why it matters"

11:30 Coffee break

Fabrice Stassin - Managing Director, EMIRI Association (Energy Materials Industry Research Initiative) – Belgium

Conference title: "Establishing Industrial Leadership of EU in Advanced Materials for low-carbon energy & energy efficiency technologies"

Francisco Javier Alonso Martínez - Responsible of Innovation and Technological Support, Gas Natural – Spain

Conference title: "Energy innovation for a real world: from science to society"

Yuriy Román - Massachusetts Institute of Technology, MIT - USA

Conference title: "Teaching Catalysts New Tricks: Using Molecular Engineering Tools to Create Next-Generation Catalysts for Biomass Conversion"

Lunch at Hotel Diagonal Zero

IREC projects presentation

CIT UPC projects presentation

15:30 - 17:30 Workshops

Workshop I – "Thin film future PV technologies: What beyond 2020? New scenarios for industry-academia interactions" – IREC

Part A: Emerging PV technologies: Industrial status and challenges to meet market requirements

Ivan Mora Seró, Universitat Jaume I (Castelló, Spain)

Edgardo Saucedo, IREC (Barcelona, Spain)

Verónica Bermúdez, NEXCIS Photovoltaic Technology (Rousset, France)

Part B: Round Table. New scenarios and opportunities for industry-academia collaboration

Edgardo Saucedo, IREC (Barcelona, Spain)

Jesús Rojo González, NCP Marie Skłodowska-Curie Actions

José Herrero, CIEMAT

Alberto Bermejo, CDTI

Verónica Bermúdez, NEXCIS

Workshop II – “Energy Efficiency in Smart Cities” – City Council of Barcelona, CEEC and IREC

Moderator: **Manel Sanmartí**, Electrical Engineering Area Manager, IREC

Mr. Jose Etcheverry, York University, Canada

How research can contribute to the improvement of energy efficiency for citizens?

Mr. Joan Pinyol, DEXMA, SME: small actions, big reactions

Mrs. Isabel Tejero, Clúster Eficiència Energètica de Catalunya

How energy efficiency companies can take advantage of smart cities projects?

Mr. Manel Torrent, Agència Energia de Barcelona

How to integrate energy efficiency in the smart cities development and city plans?

Workshop III – “From Innovation Projects to Business Creation: a look into KIC InnoEnergy” – KIC InnoEnergy

Mikel Lasa, KIC InnoEnergy concept and relationship between innovation projects and business creation services business lines

Rajai Aghabi, presentation of EOLOS

Patrick CEO, CorPower Ocean AB

Patrick Moller, (online presence): presentation of Corpower Ocean

Workshop IV – “How can innovative technologies contribute to the smart energy field?” – CIT UPC

Eduardo Prieto-Araujo, Moving towards the offshore wind power plants

Álvaro Luna, Integration of Energy Storage in PV systems

Joaquim Rigola, Multi-scale and multi-physics methodologies for the H2020 challenges in smart cities

VENUE:

Plenary sessions and workshops :

Auditori Torre Telefónica Diagonal, 00
Plaça Ernest Lluch i Martín, 5 - 08019 Barcelona

Lunch and institutional presentations:

Hotel Diagonal Zero
Plaça de Llevant, s/n - 08019 Barcelona

TECHNICAL SECRETARY

Tel. 93 409 74 78 - M. (+34) 670 638 676
email: secretary@bcnenergychallenges.com

Sponsors



Supported by

