



“SMART GRIDS AND SMART CITIES” INTERNATIONAL SUMMER SCHOOL

6-8 June 2017 - Barcelona

DAY 3: EFFECTIVE POLICIES FOR URBAN ENERGY TRANSITION (Open Session – High Level Conference)

WELCOME

Martí Parellada, Barcelona Institute of Economics – Universitat de Barcelona (IEB-UB).



PhD in Economics and professor of Applied Economics at the University of Barcelona. He is the author of numerous articles and books, especially on the Spanish and Catalan economy.

Since 2003, he has been director of the Annual report on the role of the University in regional development, of the Development and Knowledge Foundation (Fundación CyD). Also, in the framework of the CYD Foundation, he has directed several works, notably those related to the

labour market for university graduates and the governance of universities. He is the director of the Revista Económica de Cataluña (Economic Journal of Catalonia) and president of the Advisory Council of the Catalonia Economic Report, published annually by the Catalonia Council of Chambers of Commerce. He is chairman of the executive committee of the Consortium of Menéndez y Pelayo International University of Barcelona (Ernest Lluch centre), patron of the ICO Foundation and director of the Institute of Economics of Barcelona.

He has been director general of the Bosch i Gimpera Foundation (1984-1986), vice-rector of the University of Barcelona (1986-1990) and guest professor at the Johns Hopkins University in Baltimore (USA). From 1992 until 2002, he was director of Les Heures, continuing education centre of the University of Barcelona. He has also been a member of the Council of Labour, Economic and Social of Catalonia, president of the Catalan Statistical Council, of the Spanish Association of Regional Science from 2000 to 2008 and of the Catalan Association of Regional Science. He has also formed part of the Council of the European Regional Science Association. He has been a member of the Committee of Experts of the Observatory of the Small and Medium-sized Enterprises of the Ministry of Industry, Tourism and Trade of the Spanish Government and the GRENCYT (Group for Reflection on the National Science and Technology Strategy) of the National I+D+I Plan, 2008-2011.



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DAY 1: SMART GRIDS

WELCOME CEREMONY AND INTRODUCTION

Joan Batalla, Foundation for Energy and Environmental Sustainability (FUNSEAM).



General Director of the Foundation for Energy and Environmental Sustainability (FUNSEAM)
Until October 2013, Joan was Commissioner of the National Commission of Energy (CNE), the national regulatory authority of the energy sector in Spain. Previously, he developed part of his professional career in the National Commission of Energy as a Director of the Office of Presidency. Before that, he worked as technical adviser for industrial and energy issues in the Government of Catalonia (Spain)

and was the founding partner and project director of the company Master Renovables, specialized in providing energy solutions to companies in the field of renewable energies. Previously, he was the Director of Studies and Sectorial Promotion of the Centre for Innovation and Business Development (CIDEM), public organisation of the Government of Catalonia.

At present time, he is senior researcher of the Chair of Energy and Environmental Sustainability and associate teacher in the University of Barcelona (UB).

In the academic side, he has a PhD in Economics (Rovira I Virgili University) and degree in Economic Sciences for the University of Barcelona. He has a Master's degree (PDG) for IESE Business School – University of Navarre; a Postgraduate degree in “Economic and Financial Management” by the Polytechnic University of Catalonia and a Master's degree in Energy Regulation by the Florence School of Regulation of the European University Institute, among others.

Joan has published several research articles in the field of industrial economics, factors of competitiveness and investment location and industrial and energy policy.



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KEYNOTE SPEAKER

A new urban agenda. Jaume Collboni, Ajuntament de Barcelona.



Jaume Collboni Cuadrado. Barcelona, September 5th 1969. Second Deputy Mayor of Barcelona City Council. Director of Business, Culture and Innovation areas of Barcelona City Council.

Academic Training: Law degree from the University of Barcelona. Graduate Management Information Systems. IDEC from University Pompeu Fabra.

Professional Development: As a lawyer, Jaume Collboni lead the Technical Office of the Unión General de Trabajadores de Catalunya (General Trade Union of Catalonia). A department which advises to the board of the Trade Union. From 2005 until 2010 he was the Coordinator of the Socialist Parliamentary Group. From 2010 until 2014 he was a Congressman in the Parliament of Catalonia. In 2014 he ran and won the primaries elections for the Socialist Party of Catalonia to be a candidate for Mayor of the City Council. Since June 2015, Jaume Collboni has held the presidency of the Municipal Socialist Groups of Barcelona City Council. Currently he acts as the Second Deputy mayor of Barcelona City Council, the Director of the business, culture and innovation areas, the Vice President of Social and Economic Development of the Metropolitan Area of Barcelona, and the President of Horta-Guinardó District.

Additional Information: He has been a member of the PSC Party since 1994. Currently he is also a member of the PSC Executive Board and the President of the Barcelona's Federation. His origins in social and associative movement started in the 90's participating in the Education Movement as the General Secretary of the Young Students Association of Catalonia (AJEC) and as a member of the Faculty of the University of Barcelona. Afterwards he was the director of communication, linguistic politics and international relations for the General Trade Union of Catalonia. He was also a member of the Economic and Social Council and acted as the Vice President of the Josep Comaposada Foundation. His first public responsibility was being pokesman and adviser of Horta-Guinardó's District Socialist Group, in Barcelona.



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CONFERENCE 1

Local development new strategies: the experience of Barcelona. Joan Trullén, Universitat Autònoma de Barcelona (UAB)

BIOGRAPHICAL NOTE ON JOAN TRULLÉN (Barcelona, 1955).

Associate Professor in the Department of Applied Economics, Autonomous University of Barcelona.

Doctor of Economic Sciences.

Fields of Research: urban politics and economy, local economic development, metropolitan strategy, Marshallian industrial districts. Publications of metropolitan strategy in Barcelona include the studies of Barcelona, City of Knowledge, 22@Barcelona, the Delta Plan, and, most recently, inclusive urban growth strategy (via IERMB).

Recent theoretical work includes 'Inclusive Growth and Urban Strategies: the case of Barcelona', 'An insight into the unit of analysis in urban research' (with Rafael Boix and Vittorio Galletto), 'Giacomo Becattini and the Marshall's Method', and 'Metropolitan and Megaregion Policies'.

He has worked as General Secretary for Industry for the Spanish government, Vice-president of Planning Strategy at AMB (Barcelona transport), director of the Applied Economics department at the Autonomous University of Barcelona, and director of the Barcelona Institute of Regional and Metropolitan Studies (IERMB).

He is currently the president of the Pacte + Industria (More Industry Initiative).



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CONFERENCE 1

Local development new strategies: the experience of Barcelona. Vittorio Galletto, Institute of Regional and Metropolitan Studies (IERMB).

Vittorio Galletto, Genova (Italy), August 28th, 1971.

PhD in Applied Economics from the Universitat Autònoma de Barcelona. Researcher in the economics department of the Barcelona Institute of Regional and Metropolitan Studies (Institut d'Estudis Regionals i Metropolitans de Barcelona) since 2009, first as a project manager and since 2010 as director of the economics department.

His fields of specialization are urban and regional economics, specifically, local production systems and local labor markets and innovation capacity, fields in which he has published many papers and book chapters in international Journals and publishing houses.

Before joining the IERMB, he worked at the Department of Applied Economics at the UAB as an associate professor and researcher.

He has also worked in the private sector in consulting firms conducting local development projects for local governments and other institutions.

Currently, his research at the IERMB is focused on inclusive urban growth, and the relationship between local productivity and competitiveness.

Cerdanyola del Vallès, May 25th, 2017.



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TABLE 1: THE ROLE OF PUBLIC STAKEHOLDERS IN CATALYSING TRANSITION TOWARDS SUSTAINABLE DEVELOPMENT.

Sustainable development in urban areas. Arnaud Queralt, Consell Assessor per al Desenvolupament Sostenible de Catalunya (CADS).



Arnaud Queralt i Bassa (Granollers, 1975).

Llicenciat en Ciències Ambientals per la Universitat Autònoma de Barcelona (1997) i màster en Gestió Pública pel Programa Interuniversitari de Govern i Gestió Pública UAB – UPF – ESADE (1999). Diplomat en Afers Europeus pel Patronat Català Pro-Europa i l’Escola Diplomàtica del Ministeri d’Afers Exteriors.

Director del CADS des d’octubre de 2011, n’havia estat coordinador tècnic entre els anys 2001 i 2006. Des de gener de 2015, president del consell de direcció de la xarxa European Environment and Sustainable Development Advisory Councils (EEAC), de la qual prèviament havia estat secretari. Membre del grup d’experts en canvi climàtic de la Unió per a la Mediterrània i membre del comitè impulsor del grup d’experts en canvi climàtic a la Mediterrània (MEDECC). Membre del consell de direcció del Tercer Informe sobre el Canvi Climàtic a Catalunya (TICCC).

És o ha estat membre, en representació del CADS o del Departament de la Presidència, de la Comissió Interdepartamental d’Ecodisseny, de la Comissió Interdepartamental sobre Canvi Climàtic (suplent), de la Comissió PIME del Consell Català d’Empresa, de la Comissió per a la Sostenibilitat de les Terres de l’Ebre i de la Comissió Tècnica de l’Observatori Metropolità del Canvi Climàtic (METROBS).

Ha estat director del Patronat Català Pro-Europa i membre del consell de govern i del consell acadèmic de l’Institut Universitari d’Estudis Europeus. Entre maig de 2010 i maig de 2012 va ser president del Col·legi d’Ambientòlegs de Catalunya (COAMB), organització de la qual va ser vicepresident entre els mesos de maig de 2006 i 2008. Entre maig de 2010 i octubre de 2011 va ser secretari general de la Fundació Cercle Tecnològic de Catalunya.



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TABLE 1: THE ROLE OF PUBLIC STAKEHOLDERS IN CATALYSING TRANSITION TOWARDS SUSTAINABLE DEVELOPMENT.

Urban cities: Toulouse. Caroline Lapelerie, Toulouse Métropole.



Caroline Lapelerie (Female) – Project Coordinator: Graduate in political science, Caroline Lapelerie holds a Master in Economy Management and Company Strategy. She is a senior project manager with 20 years of experience including lobbying and networking to support innovation and company developments in Europe.

At the origin of the creation of a Business Innovation Center (BIC), she was a member of EBN, the European Business Network and Vice-President of RETIS, the French innovation network. She is experienced in public financing procedures and public markets (implementation of the Small Business Act for Toulouse Métropole).

As Delegated Director of Development and Programs, Mrs Lapelerie has been at the origin of the Smart City approach and keeps on being strongly involved in it. She is also managing the definition and set up of a development and innovation strategy for the different business stakes in Toulouse: aeronautic and space industry, e-health, life science, digital industry and social innovation. She is experienced in building projects requesting both public and private support, coordinating different entities in a successful « working-together » mode.



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(Open Session - High Level Conference)

TABLE 1: THE ROLE OF PUBLIC STAKEHOLDERS IN CATALYSING TRANSITION TOWARDS SUSTAINABLE DEVELOPMENT.

The role of regional and local governments in Catalonia towards sustainable development. Mercè Rius, Generalitat de Catalunya.

Dades d'identificació:

Mercè Rius i Serra.

Badalona, 29 de novembre de 1968

Directora general de Qualitat Ambiental, Departament de Territori i Sostenibilitat

Perfil professional:

- Llicenciada en Biologia, Universitat de Barcelona (1993).
- Doctora en Ciències biològiques, Universitat de Barcelona (2003).
- Tècnic Superior en Prevenció de Riscos Laborals. Especialitats de Seguretat Industrial (2004). Higiene
- Industrial (2005) i Ergonomia i Psicosociologia Aplicada (2009).
- Programa de Desarrollo Directivo (PDD) IESE (2012-13)

Trajectòria professional:

- Octubre 1995/Gener 1996. Serveis Ambientals de Promoció i Renovació d'Empreses S.A. (SAPRE, S.A.). Tècnic de grau mig.
- 1996 / 1.999. Fundació Bosch i Gimpera. Universitat de Barcelona. Auxiliar de Recerca.
- Juny 1.997/Gener 2001. ABENGOA S.A., ABENSUR S.A. Y EMTE SERVICE S.A. U.T.E. Cap de Planta de les E.D.A.R.s de Martorell, Monistrol de Montserrat i Viladecavalls Est.
- Gener 2001 / Juny 2001. ABENSUR S.A. Y EMTE SERVICE S.A. U.T.E. Cap de Planta de les E.D.A.R.s d'Abrera, Martorell, Monistrol de Montserrat, Castellbell i el Vilar i Viladecavalls Est.
- Juliol 2001/Desembre 2005. PAYMACotas. Cap de Unitat i Directora de Control d'Explotació per l'Agència Catalana de l'Aigua del contracte d'Assessoria i Control de l'explotació i manteniment dels sistemes de Sanejament d'aigües residuals urbanes de la zona Nord 1.
- Gener 2006/Juliol 2007. Asesoría Técnica y Control. Directora Control Explotació per l'Agència Catalana de l'Aigua del contracte d'Assessoria i Control de l'explotació i manteniment dels sistemes de Sanejament d'aigües residuals urbanes de la zona Pirineus i Llobregat-Foix.
- Juliol 2007/Juny 2011. Ajuntament de Badalona. Regidora de Medi Ambient i Mobilitat i 8^a Tinent d'Alcalde. Vocal del Consell Metropolità de l'Entitat del Medi Ambient de l'àrea Metropolitana de Barcelona. Representant de l'Ajuntament de



Badalona al Consorci del Parc de la Serralada de Marina i al Consorci per a la Defensa de la Conca del Riu Besòs.

- Juny 2011/Juny 2015. Ajuntament de Badalona. Regidora del Districte 1.
- Juliol 2011/Desembre 2014. Diputació de Barcelona. Diputada Adjunta de Medi Ambient. Representant de la Diputació de Barcelona al Consorci del Parc de la Serralada de Marina i al Consorci per a la Defensa de la Conca del Riu Besòs.
- Desembre 2014/ Juliol 2015. Diputada de la Diputació de Barcelona.
- Desembre 2014/Gener 2016. Directora de l' Institut Català d'Energia.
- Gener 2016/actualitat. Directora general de Qualitat Ambiental del Departament de Territori i Sostenibilitat.



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**TABLE 1: THE ROLE OF PUBLIC STAKEHOLDERS IN CATALYSING
TRANSITION TOWARDS SUSTAINABLE DEVELOPMENT.**

**Chair: Mònica Serrano, Economy, Energy and Environmental Pressures –
Universitat de Barcelona (EEEP-UB).**



Mònica Serrano is Associate Professor at the Department of Economics of the University of Barcelona (UB) and a faculty member of UB School of Economics. She obtained her International PhD in Economics (2008) from the University of Barcelona. She was a research visiting at University of Manchester (UK) and University of Groningen (Netherlands). As a researcher she is a member of the Economy, Energy and Environmental Pressures (EEEP) research group, the Barcelona Economic Analysis Team (BEAT) research institute, the European Network for Input-Output Studies (EUNIOS) and the Network of reference in Economics and Public Policies (XREPP in its abbreviation in Catalan). She is the secretary of the Hispanic-American Input-Output Society (SHAIO) from 2005 and member of the executive board of BEAT from its creation in 2016.

Her research –both theoretical and applied– focused on the study of economic interdependences, particularly those related to the sustainability of economic and social systems such as the environment and household production and care; but also others such as income distribution, international trade and national accounting.

She is (co-) author of several books and scientific articles published in national and international journals and has participated in competitive projects – public and private— such as the World Input-Output Database (WIOD) funded by the European Commission.

Results of their collaboration with public institutions such as the Statistical Institute of Catalonia (Idescat) and Catalan Government (Generalitat de Catalunya: Institut Català de les Dones i Departament de Territori i Sostenibilitat) are the Household satellite account for Catalonia 2011 and the Water satellite account for Catalonia 2005.



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CONFERENCE 2

Antonio Gomis Sáez, Club Español de la Energía.

El Sr. Antonio Gomis Sáez fue Director General Ejecutivo de YPF en Repsol YPF SA hasta el 30 de junio de 2014. Fue Director General de Repsol Argentina en YPF SA, Director Adjunto del CEO de YPF SA desde febrero de 2010 y se desempeñó como Director de Operaciones entre marzo de 2008 y febrero de 2010. Fue Director Ejecutivo de YPF en Repsol YPF SA. Se desempeñó como Director Ejecutivo, Director de Relaciones Exteriores y Director Ejecutivo de YPF en Repsol YPF SA. Se desempeñó como Director General de YPF S.A desde agosto de 2007 hasta marzo de 2008. Fue Consejero Delegado de Repsol YPF Química desde enero de 2005 y Director General de Chemicals Europe y Resto del Mundo de Repsol YPF. El Sr. Gomis Sáez comenzó su carrera en 1974 en la refinería Repsol YPF Petróleo de Puertollano, Ciudad Real, y posteriormente se desempeñó como Gerente en la Agencia Internacional de la Energía en París fundada por la Organización para la Cooperación y el Desarrollo Económico (OCDE). Fue Asesor del Secretario General de Energía y Recursos Minerales del Ministerio de Energía. En 1986 ingresa en el Instituto Nacional de Hidrocarburos, donde es nombrado Director General de Relaciones Internacionales e Institucionales de Repsol YPF. De 1997 a 2000, el Sr. Gomis Sáez fue Director General de Energía del Ministerio de Industria y Energía. De septiembre de 2000 a noviembre de 2004, fue Director Corporativo de Relaciones Externas, supervisando las relaciones con inversionistas y medios de comunicación. Se desempeñó como Director de YPF S.A desde 2007. El Sr. Gomis Sáez se graduó en Ingeniería Química por la Universidad Complutense de Madrid y Master en Administración de Empresas por la IESE Business School de la Universidad de Navarra en España.