



Annual Report.
PPSRC & PPP for Cities

2018-2019



Public Private
Sector Research
Center

Public-Private Sector Research Center

This year we have organized the 2nd Conference in Competition and Regulation in the Telecommunications Market. With the support of Cellnex, this year, the conference has focus on the new European Code of Communications and several aspects related with the future of the Telecom market: Co-investment between operators, potentials benefits of 5G or the right to have Universal data/internet Access. The conference was held in Madrid Campus.



El impacto del nuevo marco europeo: el Código de Comunicaciones Electrónicas



Madrid, 24 de octubre de 2018

Public-Private Sector Research Center

II Jornada de Competencia y Regulación en el Mercado de las Telecomunicaciones

El Impacto del nuevo marco europeo: el Código de Comunicaciones Electrónicas

24 de Octubre de 2018. Aula BFN5. IESE Madrid

8:45 - 9:00 Recepción asistentes

9:00 - 9:30 Inauguración

9:35 - 10:00 Conferencia Inaugural. El nuevo Código Europeo de Comunicaciones Electrónicas

Presencia: El nuevo Código Europeo del Espectro de Telecomunicaciones
Foro: Pilar del Corral, Parlamento Europeo

10:00 - 10:30 Coffee-break

10:30 - 11:40 Oportunidades de la Co-inversión

Presencia: Meeting in packs: When to just invest or to connect?
Foro: José María Rodríguez, Associate Director Frontier Investments

Debates:
Diego Otero, Subdirector de Análisis de Mercado de Comunicaciones Electrónicas, CNIEC
Agustín Díaz, Páramo, European Commission, 5G Competition
Moderador: Ángel Luis López, Profesor asociado, Universidad Autónoma de Barcelona

11:45 - 12:45 Desarrollo del 5G

Presencia: Study on implications of 5G Deployment on Future Business Models
Foro: Mr. Gadiery, Vice-Chair of BEREC and Mr. Koshlaguev, Member of BEREC & Technical Director of the Austrian Regulatory Authority for Broadcasting and Telecommunications

Debates:
Mati Uzarskova, Senior Director of Public Policy, GSMA
Oscar Pallares, Innovation & Product Strategy Director at Galton Telecom
Moderador: Iñigo Herrero, Associate Professor in Economics, Universidad Complutense de Madrid

12:45 - 13:45 Hacia la Cobertura Universal

Presencia: Study on Universal Coverage
Foro: María Muñoz, Associate Professor IIEC, Leuven, Faculty of Economics and Business

Debates:
Pablo Rodríguez, Confederación Española de Municipios y Provincias
Alejo Rubert, Director General DigitalES
Moderador: José Calzada, Associate Professor in Economics, Universidad de Barcelona

14:00 - 14:15 CLAUSURA

Roberto Sánchez, Director General de Telecomunicaciones y Tecnología de la Información, Ministerio de Economía y Empresa

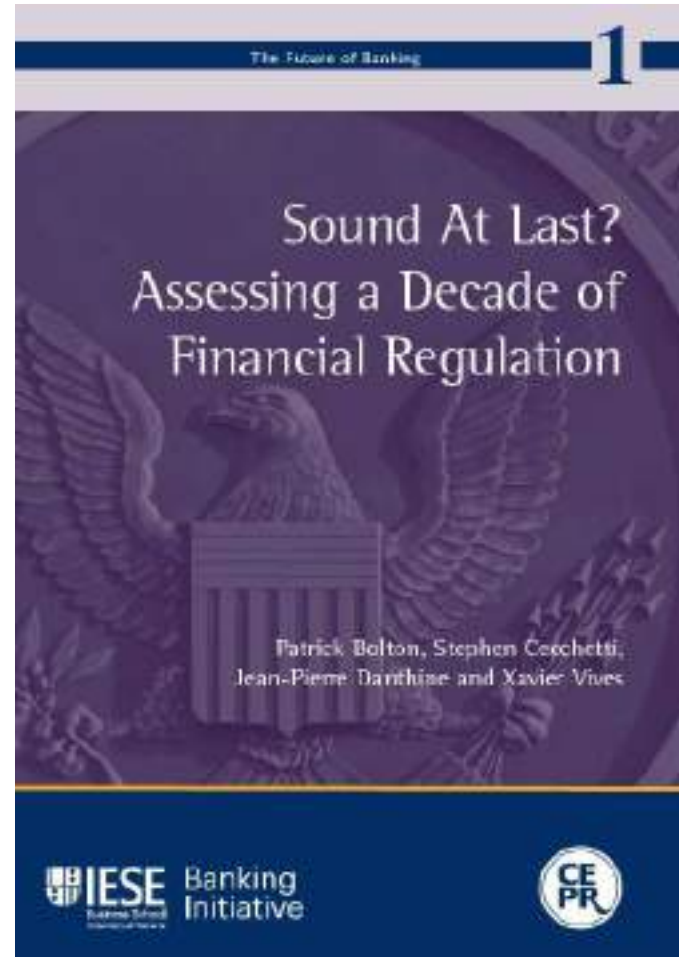


Public-Private Sector Research Center

IESE Banking Initiative

This year, Prof. Vives has started a new position as the Director of the IESE Banking Initiative. The IESE banking initiative, with the support of Citi, wishes to study post-crisis developments of banking and financial markets, paying particular attention to regulation and competition policy and the impact on business banking models. The initiative aims to promote a rigorous and informed dialogue on current issues in the fields of banking and financial markets among academics, regulators, companies and civil society.

The first report (of three) from the IESE Banking Initiative was launch in Spring 2019, focus on the regulation of the financial market in the last decade: "Sound at last? Assessing a Decade of Financial Regulation".



Public-Private Sector Research Center

As in the past years, IESE PPSRC and ROCHE have organized the Innovative Healthcare strategies seminars, where a keynote speaker is invited to present a topic, such as Fundraising in health sector or health systems in Europe. The seminars are an exclusive event for CEOs from top hospitals in Catalonia and Valencia region, based on the Chatham house rules.

Prof. Núria Mas and Prof. Joan Fontrodona have participated in this events.



Desayunos ROCHE. Barcelona y Valencia




Public-Private Sector Research Center


Innovative healthcare strategies seminars

Los Innovative healthcare strategies seminars son una iniciativa conjunta entre Roche Farma y el Public-Private Sector Research Center de IESE Business School. Su objetivo principal es ser un punto de encuentro entre los principales directivos de la gestión sanitaria desde se puede debatir en un entorno tranquilo y privado el foros de temas cruciales en el terreno de la gestión sanitaria catalana.

Los Seminarios se organizan dos veces al año, en un formato de reunión-desayuno, alrededor de un tema concreto de debate y contando con un ponente de prestigio internacional que presentará e introducirá el tema que se trate en cuestión, para, a continuación, poder tener un debate a puerta cerrada entre los diferentes asistentes al seminario.

Se contará con la participación de un profesor del IESE Business School, experto en temas de financiación de la salud.

Los Seminarios tienen carácter privado y la asistencia será bajo rigurosa invitación por parte de la organización.

Para más información: ppsr@iese.edu





Public-Private Sector Research Center

In March 2018, the International Economic Forum In Logistics (IEFL), an initiative from IESE PPSRC and Barcelon Centre Logistic was launch. As part of the activities compromised by the IEFL, a Conference in the future of Logistics (Smart Logistics) was organized as a Side-Event in the Smart City Expo World Congress. The autonomous car, the use of BlockChain in logistics or the Sharing-Logistics model for last-mile deliveries were discussed during the conference. Prof. Martinez de Albeniz participates as a co-Academic Director of the IEFL, together with Prof. Vives.



Conferencia Internacional en Smart Logistics
Forum Económico Internacional sobre Logística
Barcelona, 13 de noviembre, 2018

Side Event en el SMART CITIES WORLD EXPO CONGRESS
Zona Via Fàbrica Centre - Conference Centre 1 - ROOM 11

BARCELONA CENTRE LOGISTIC CATALUNYA

International Conference in Smart Logistics
13th November 2018, Barcelona

Co-located with the
International Economic Forum in Logistics

A proud initiative driven by

smart city expo WORLD CONGRESS

13 de noviembre de 2018

Este evento quiere analizar en qué medida serán las nuevas tendencias dentro de la logística urbana y cómo se relacionan con las nuevas tecnologías y los nuevos modelos de negocio derivados. Por último, el uso de Blockchain y el impacto de la automatización de procesos en la competitividad de los centros de distribución y los centros de distribución reconfigurados y, por otro lado, la implementación de modelos de economía colaborativa en la gestión de flotas de transporte permite reducir la congestión en las grandes ciudades sin reducir la satisfacción del cliente logístico.

Este programa está dirigido por expertos del mundo de la logística, con experiencia de los sectores de transporte, logística y transporte, entre otros, desde centros logísticos en la misma área y las tendencias más recientes en las que participan expertos internacionales.

Public-Private Sector Research Center

El objetivo de fomentar las actividades y el intercambio de ideas e información entre el sector económico privado y las administraciones públicas. Los trabajos de investigación de carácter científico de carácter académico, científico, técnico y tecnológico. Con todo ello, se fomenta una alta participación y colaboración y el intercambio de ideas e iniciativas entre los sectores público y privado.

Organizado por

IESE Public-Private Sector Research Center

Colaboradores de

BARCELONA CENTRE LOGISTIC CATALUNYA

The future logistics ecosystem will combine the latest automation technologies around digitization for trucking and logistics derived in 5 areas

Current and future logistics ecosystems

RFID Supply Chain Solution

Autonomous Vehicle

Autonomous Warehouse

Autonomous Truck

Autonomous Last-Mile Delivery

Public-Private Sector Research Center

Barcelona Global, a private organization with the aim to support the competitiveness of Barcelona asked PPSRC to work together in a document on how Public-Private Partnerships can help keeping the competitiveness of Barcelona in a Globalized world. The document will be presented by the end of 2019. Prof. Vives leads the report, with the support of Profs. Ricart and Mas.

Challenge Barcelona Global



Research

Andreu Mas-Colell

Health

Josep Mª Campistol

Smart Cities

Pilar Conesa

Culture

Ainhoa Grandes

Public-Private Sector Research Center

As every year, the PPSRC, together with the Economic and the Financial Departments, organizes lunch-seminars where preeminent economic researches from around the world are invited to present their last papers. This academic event offers the opportunity to IESE's faculty members to discuss with colleagues from abroad about topics that are part of their research.



Public-Private Sector
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Finance
 Department



Economic
 Department

Lunch Seminars

November 20, 2018	Mar Reguant, Northwestern University Mitigating Emissions Leakage in Incomplete Carbon Markets	April 2, 2019	Judit Vall, UB School of Economics Does making sick leave costly reduce absenteeism?
November 27, 2018	Diane Pierret, HEC Lausanne Stressed Banks	May 7, 2019	Jon Gruber, MIT Managing Intelligence: Skilled Experts and AI in Markets for Complex Products
December 18, 2018	Philippe Martin, SciencePo Paris The Economics of Sovereign Debt, Bailouts and the Eurozone Crisis	May 14, 2019	Joan Monràs, Universitat Pompeu Fabra Structural transformation, industrial specialization, and endogenous growth
March 12, 2019	Selman Erol, Carnegie Mellon University Network Hazard and Bailouts	May 21, 2019	Marcin Kacperczyk, Imperial College London Becker Meets Kyle: Inside Insider Trading
March 19, 2019	Robert Marquez, UC Davis Financial Frictions, Foreign Currency Borrowing, and Systemic Risk	May 28, 2019	Joel Shapiro, Oxford University Stress Testing and Bank Lending
March 26, 2019	John Vickers, Oxford Competition with Captive Customers	July 10, 2019	Gerard Llobet, CEMFI Auctions with Unknown Capacities: Understanding Competition among Renewables

Public-Private Sector Research Center

Prof Vives was appointed as the Academic Director of the 2nd Catalan Economic Society Conference. The PPSRC, together with the Institut of Economic Analysis from CSIC organized the conference, that was held in Barcelona between the 24 and 25th of may.



KeyNote Speakers



Drew Fudenberg
MIT



Jordi Galí
CREI & UPF

Public-Private Sector Research Center

IESE PPSRC, together with Barcelona Graduate School of Economics hosted the 46th Annual Conference of the European Association for Research in Industrial Economics (EARIE 2019). With more than 500 participants, EARIE was held in Pompeu Fabra University, and IESE PPSRC was in charge of the fundraising (15.000€).



KeyNote Speakers



Kate Ho
Princeton



Alessandro Gavazza
LSE



PPP for Cities

PPP for Cities



GrowSmarter

During the 2018-2019 Academic Year, PPP for Cities kept working in the H2020 European Project, GrowSmarter. PPP for Cities activity was focus on assessing the financial and economic sustainability of the 50 Smart solutions implemented in Barcelona, Cologne and Stockholm. Last version of the report will be presented in October 2019, and the insights show how some Smart solutions are financially sustainable, without help from the Public Sector, while others need a public support that can be justify considering their positive externalities (emission savings).

The collage displays several key sections from the report:

- Construction Consultation Centre by BARCELONA:** A bar chart showing the number of CCC cases from 2017 to 2019. The 2019 bar is significantly higher than the previous years.
- Financial analysis:** A bar chart comparing the number of CCC cases in 2018 and 2019. The 2019 bar is much taller, indicating a substantial increase.
- Economic analysis:** Text explaining that according to the CCC, the added production in the CCC is an overall reduction in the number of permits to the construction site, leading to a reduction of congestion & CO2 emissions.
- Table of CCC cases:** A large table with multiple columns listing various construction projects, their dates, and other relevant data.
- Conclusions:** A section summarizing the findings, stating that the CCC is a successful tool for reducing congestion and CO2 emissions, and that it is a key element for the city's smart infrastructure.
- Impact of CCC:** Text discussing the impact of the CCC on the city's infrastructure and the environment, highlighting the reduction in congestion and CO2 emissions.
- Table of CCC cases (continued):** Another section of the table showing more project details.

PPP for Cities

PPP Case Studies

During the 2018-2019 Academic Year, PPP for Cities kept working in PPP Case Studies. This year we publish 4 case studies, from around the world and several others are work-in-progress. On top of that, for the first time IESE PPP for Cities case studies have been published in the International PPP Center of Excellence, an initiative from the United Nations Economic Commission for Europe (UNECE)

Work in progress

- Cap Djinet Dessalinization
- Dallas high-way
- Tenerife tramway
- Sants market



● Culiacán
● San Luis de Potosí



● Bogotá



PPP for Cities

Workshops and videos about PPP for Local and regional governments

Following the activity started in 2017-2018, this year, PPP for Cities, has published the 1st guideline of PPP for Local and Regional Governments. In spring 2018, PPP for Cities organized several workshops in Latin America introducing the concepts of the guideline and presenting results and best practices from PPP cases.





PPP for Cities

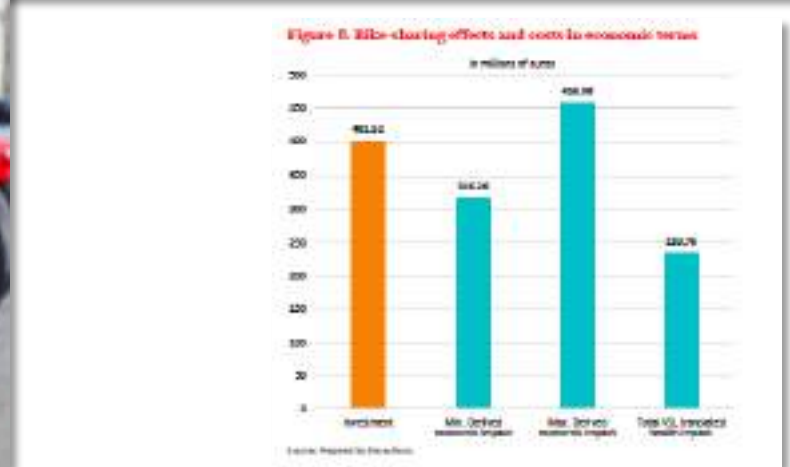
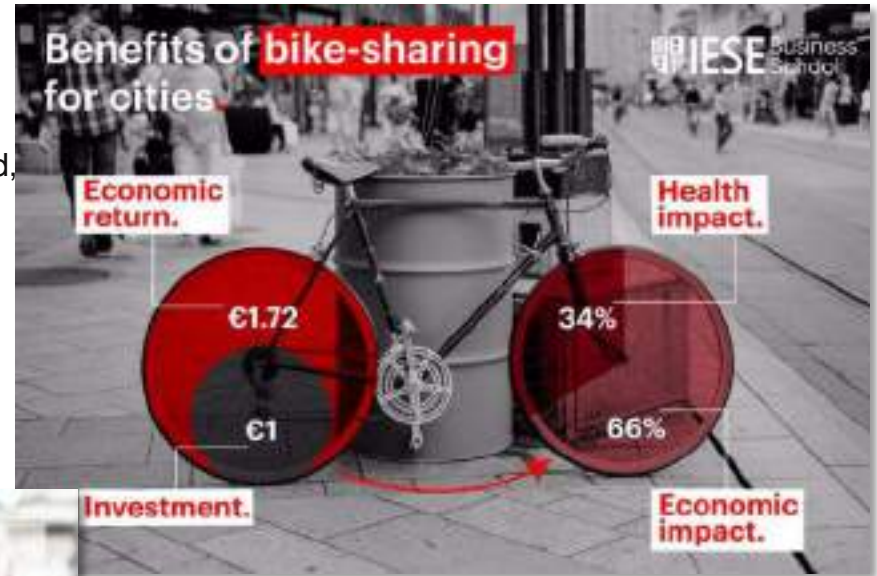
The economic impact of Bike Sharing

The report examines both the economic performance of 13 bike-sharing initiatives in Europe, and new potential challenges arriving on the scene.

The authors studied these effects on bike-share programs in 13 European cities, all national or regional capitals -- Barcelona, Berlin, Bilbao, Cologne, Copenhagen, Hamburg, London, Madrid, Milan, Paris, San Sebastian, Turin and Vienna.

When measuring economic impact alone, it was ambiguous whether or not bike-share programs paid for themselves: the economic impact in the 13 cities studied was between 0.79 and 1.14 euros per euro spent.

The health benefits tipped the balance, however. Although there are dangers associated with increased bicycle use (accidents, inhaling more polluted air), these are, the authors state, "far from eclipsing the health benefits obtained thanks to the physical activity that bike-sharing systems allow." Overall, the health benefits were the equivalent of preventing more than 90 premature deaths in the 13 cities between 2014 and 2016, representing 0.12 percent of estimated deaths of people under the age of 65 in those cities. There were corresponding savings in the health-care systems.



PPP for Cities

Public Management Conference. Noviembre 2018

Together with the Government of the Province of Barcelona, PPP for Cities, organizes every year a Conference on Public Management. This year, the conference was focus on Smart Solutions and how these can be implemented in several cities, despite their different dimensions.




PPP for Cities

Workshop about Smart Cities. July 2018



WORKSHOP
D'EMPRESES SMART MOBILITY
A CATALUNYA

Barcelona, 5 de juliol de 2018



Participació:



Together with the Catalan Agency of Investment and EVERIS, PPP for Cities organized a workshop on Smart mobility industry in Catalonia. The participants had the opportunity to learn about Barcelona's Mobility strategy, Vienna's new Smart Public Transport payment method and other Smart mobility solutions.

PPP for Cities

Financing Smart Cities project.

Together with CaixaBank, PPP for Cities is preparing a report on how to Finance Smart Cities and Smart solutions.

To get the insights for the report, PPP for Cities organized 4 workshops on the following topics:

- Refurbishment of Public Buildings
- Refurbishment of Private residential and tertiary buildings
- Implementation of sensors in public services
- Mobility As A Service.



PPP for Cities

EASIER methodology

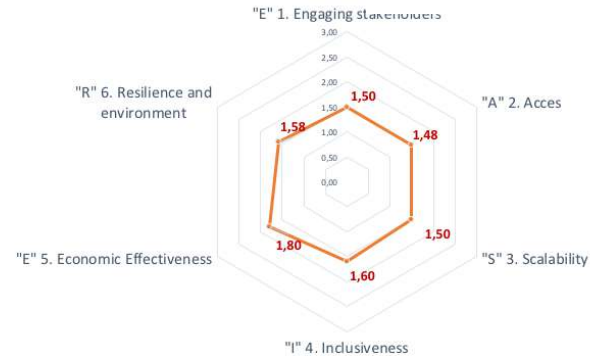
PPP for Cities has worked on a methodology to evaluate the impact of Public-Private Partnerships on the United Nations Sustainable Development Goals



Graph 1. Public-private partnerships holistic assessment



EASIER Evaluation



EASIER: An Evaluation Model for Public-Private Partnerships Contributing to the Sustainable Development Goals

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A Way to Learn
A Mark to Make
A World to Change

