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BARCELONA



SMARTCITY  
EXPO WORLD CONGRESS

5G Barcelona

## 5G Smart City Vertical Use Case Awards

### Winners Announced

The potential of 5G technologies for smarty city solutions has captured the attention of cities worldwide. The value of the smart cities industry is expected to reach \$1.45 trillion globally by 2020 [\[1\]](#).

The 5GCity project focuses on live demonstration of 5G services in three cities already going through digital transformation: Barcelona, Bristol and Lucca.

For these reasons, a **5G Smart City Use Case Award** has been implemented. The award aims to ignite the generation of Smart City Use Case Ideas that could be manifested given the 5G technologies. Since Smart Cities are a recognized vertical sector of 5G, the Smart City Use Cases could span everything from arts and culture to work and employment with focus on end user benefits i.e., the citizen.



# JURY & WINNER

Evaluation panel is composed by:

- **Bernard Barani**, 5G EC Deputy Head of Unit
- **Colin Willcock**, 5G IA Chair
- **David Ferrer**, Secretary of Telecommunications, Cybersecurity and Digital Society from the Catalan Government
- **Sergi Figuerola**, 5GCity Project Coordinator
- **Tomeu Sabater Suau**, Digital Transformation Manager Mobile World Capital

5G Smart City Use Case Idea Short list for SCEWC2018 Presentations	
Name/Organization	5G Smart City Use Case Idea Title
Federico Michele Facca / <i>Martel Innovate &amp; Infotec</i>	Green Route
Simon Abboud & Dana Hawi / <i>Instituto Empresa &amp; KU Leuven</i>	Parking Facilitation and Enhancement of self-driving Experience
Ricard Comulada / Tridonic	Sound Sensors
Ismael Teijón / <i>Celling 5G Solutions</i>	Low Cost & Mass Deployment 5G Solution
Berta Serracanta, Àlex Costa, Sergi Sànchez, Miquel Puig / <i>UPC</i>	Blockchain Transport 5G

1- 3 finalists awarded:

- ❖ **1st Prize: 3K euros + 1 MWC2019 pass**  
**Simon Abboud & Dana Hawi / Instituto Empresa & KU Leuven**
- ❖ **2nd Prize: 1K euros + 1 MWC2019 pass**  
**Federico Michele Facca / Martel Innovate & Infotec**
- ❖ **3rd Prize: 1 MWC2019 pass**  
**Ricard Comulada / Tridonic**





## 5GCity Side Event

# 5G Empowering Smart Cities Strategies and Society Development

### Smart City Expo World Congress 2018

November 13, 2018 17:00 – 19:00 -Location: Central Agora (Open Space)

Time	Slot
17:00 – 17:05	<b>Welcome Speech</b> Sergi Figuerola, CTIO at i2CAT and Project Coordinator of 5GCity
17:05 – 17:10	<b>5G-PPP 5GCity Project</b> Shuaib Siddiqui, Deputy Coordinator of 5GCity and Software Networks Director at i2CAT
17:10 – 17:40	<b>Round Table: 5G for a Smart World</b> <ul style="list-style-type: none"> <li>• Reza Nejabati, Bristol</li> <li>• Mauro Di Bugno, Lucca</li> <li>• Mariano Lamarca Lorente, Barcelona City Council Institute</li> </ul>
17:40 – 17:50	<b>Potential of 5G in Cities</b> Oscar Pallarols, Global Commercial Director
17:50- 18:00	<b>5G/Digital Catalonia strategy</b> Xavier Flores, Project Manager, Unit of Projects of the Area of Strategy in Telecommunications, Generalitat de Catalunya
18:00 – 18:10	<b>Opportunities and challenges of 5G in EU</b> Bernard Barani, EC deputy Head of Unit 5G
18:10 – 18:20	<b>5G Barcelona</b> Tomeu Sabater Suau, Digital Transformation Manager Mobile World Capital
18:20 – 18:30	<b>5G An European Strategy</b> Colin Willcock, Chairman of the 5G IA
18:30 – 18:50	<b>5G Smart City Vertical Use Case Contest</b> 4 minutes (4 slides) to present best 6 ideas
18:50 – 19:00	<b>Award Ceremony</b> 5G Smart City Vertical

The 5G Smart City Use Case Awards are sponsored

