



30 September 2020

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## 09:00 h. Opening Session of the Green Point Forum

- 🕒 **Francisco de la Torre.** Mayor of **Málaga**
- 🕒 **María Jesús Almazor.** CEO of **Telefónica**
- 🕒 **Francisco Hortigüela.** Managing Director of Association of Electronics, Information Technology, Telecommunications and Digital Content Companies (**AMETIC**)

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## 10:00 h. City Projects

The development of smart and sustainable cities, aligned with a strategy focused on the citizen as the key management element, is the main point of discussion at this roundtable. It intends to address the roadmap of Spanish cities in the future, at a time when city projects may be affected by the COVID19 crisis

Moderator: **Francisco de la Torre.** Mayor of **Málaga**

- 🕒 **Juan Mari Aburto.** Mayor of **Bilbao**
- 🕒 **Pablo Hermoso.** Mayor of **Logroño**
- 🕒 **Gema Igual.** Mayor of **Santander**
- 🕒 **Joan Ribó.** Mayor of **Valencia**
- 🕒 **Óscar Puente.** Mayor of **Valladolid**

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## 11:30 h. Opening ceremony of Greencities and S-Moving in the Auditorium 1

- 🕒 **Francisco de la Torre.** Mayor of **Málaga**
- 🕒 **Pedro Mier.** Chairman of the Association of Electronics, Information Technology, Telecommunications and Digital Content Companies (**AMETIC**)
- 🕒 **Antonio Gómez-Guillamón.** President of the Organising Committee of **S-Moving Forum**
- 🕒 **Juan Teodomiro López.** Vice-rector for Research and Knowledge Transfer of the University of Malaga (**UMA**)
- 🕒 **Francisco David Lucas.** Secretary General for the Urban Agenda and Housing of the Ministry of Transport, Mobility and the Urban Agenda (**MITMA**)
- 🕒 **Miguel González Suela.** Undersecretary of the **Ministry for Ecological Transition and Demographic Challenge**
- 🕒 **Vídeo Teresa Rivera.** Minister for Ecological Transition and Demographic Challenge
- 🕒 **Rogelio Velasco.** Regional Minister of Transformation of the Economy, Industry, Knowledge and University of the **Regional Government of Andalusia**

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## 12:30 h. Governance after the COVID19 crisis

The health crisis has forced municipalities and autonomous communities to face measures and develop solutions for an unprecedented critical situation. Addressing the requirements of this management during the crisis towards recovery are critical to this discussion. The economic recovery of cities may be tied to solutions for more efficient cities, as well as plans for digitization, entrepreneurship and internationalization

Moderator: **Susana Carillo.** First Deputy Mayor of the **City Council of Málaga** and Head of Innovation and Urban Digitalisation

- 🕒 **Vídeo José Luis Martínez-Almeida.** Mayor of **Madrid**
- 🕒 **Luis Barcala.** Mayor of **Alicante**



- 🕒 **José María García.** Mayor of **Estepona**
  - 🕒 **Germán Beardo.** Mayor of **Puerto de Santa María**
  - 🕒 **Arturo Bernal.** CEO of **Extenda**
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### 13:30 h. Digital Society: artificial intelligence and technology solutions for Smart Cities

The adoption of digital technologies in order to supply products and/or services to cities or for robotic production processes, IoT, Big Data and artificial intelligence is spreading rapidly, leading to a digital society

Moderator: **Francisco Mochón.** President of Corporación Tecnológica de Andalucía (**CTA**)

- 🕒 **Alicia Asín.** Co-founder and CEO of **Libelium**
  - 🕒 **José Antonio Ondiviela.** Director SmartCities of Western Europe at **Microsoft**
  - 🕒 **José María Bellido.** Mayor of **Córdoba**
  - 🕒 **Alberto García.** Responsible for Smart Cities at **Iberdrola**
  - 🕒 **Eduardo Rodríguez.** Responsible for Digital Services Andalusia at **Orange Large Enterprise**
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### 14:30 h. Networking Lunch

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### 15:45 h. Keynote conference: Senseables cities

Presented by: **Francisco Marín.** Vice-president of Research, Development and Innovation (R+D+i) Commission of the Spanish Confederation of Business Organizations (**CEOE**)

- 🕒 **Carlo Ratti.** Architect, engineer, inventor, teacher and director of the **MIT Senseable City Lab** at the Massachusetts Institute of Technology (**MIT**)
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### 16:30 h. SDG: How do we now set out Route 2030? The 2030 Agenda after COVID19

The 2030 Agenda managed to give prominence to the 17 SDGs (Sustainable Development Goals) for social, economic and political advancement, by bringing companies and institutions together. The health crisis has caused a major economic crisis, which will not only affect this roadmap, but will change it completely, whilst developing social policies and attaining the goals, in an entirely different scenario from the one prior to the COVID19

Moderator: **Gemma del Corral.** Deputy mayor and delegate of the Environmental Sustainability Government Area at the **City Council of Málaga**

- 🕒 **Javier Benayas.** Professor at the Autonomous University of Madrid (**UAM**) and author of **Guide for Sustainable Tourism**
  - 🕒 **Iñigo Bilbao.** Director of sustainable cities at **Fundación Finnova**
  - 🕒 **Javier Cortés.** International Private Sector and SDG Location Expert
  - 🕒 **Julio Andrade.** Fellow of the United Nations Institute for Training and Research **UNITAR** and Director of the International Training Centre of Leaders **CIFAL - Málaga UNITAR**
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### 17:30 h. Green & Smart Environment

The discussion on the future of cities is based on two foundations: smart and sustainable. Projecting cities that encompass technology projects focused on their sustainability is the common thread of this roundtable. Energy efficiency, the adoption of digital projects and the application of technology solutions must serve to plan a green and smart urban environment

Moderator: **Rosalía Herrera.** General Director of the **City Council of Ermua** and Secretary of **Red Innpulso**



- 🕒 **José M. Márquez.** Director for Modernization and Quality of the Administration. Department of Urban Development and Modernization of the Administration of the **City Council of Murcia**
- 🕒 **María Luisa Castaño.** General Director of Research and Technological Innovation of the Ministry of Science, Universities and Innovation at the **Community of Madrid**
- 🕒 **Joaquín Villar.** Head of the Internationalization Department at the Andalusia Energy Agency (**AAE**)
- 🕒 **Pedro Marín.** Director of the Observatory of Urban Environment (**OMAU Malaga**)
- 🕒 **Ana Bernal.** General Sales and Business Development Director at **Libelium**

## GREEN POINT FORUM

1 October 2020

### 09:00 h. Future cities: a new way of understanding the high-tech city

Designing cities of the future requires addressing technological advance. Companies and institutions must commit to integrating technological solutions in their projects and policies that put citizens at the center and serve their well-being. Technology by and for people as the central axis of the city of the future. New technological solutions, how we understand and project the future of the city will be addressed in this debate panel

Moderator: **Juan Antonio Tébar.** Director of EU Programmes and Territorial Cooperation at Centre for Industrial Technology Development (**CDTI**)

- 🕒 **Natalia Chueca.** Minister for Public Services and Mobility at the **City Council of Zaragoza**
- 🕒 **Juan Jose Belenguer.** CEO **Neuratum**
- 🕒 **Juan Álvarez.** Deputy of the delegation of Technological Development and European Resources at the **County Council of Málaga**
- 🕒 **Alfonso Palacios.** Innovation Department of the **Pole of Digital Content**
- 🕒 **Jordi Saez.** CEO **Clear Channel**

### 10:00 h. Open Standards and Open Source, cornerstone in the creation of a Sustainable Digital Global Single Market for Smart Cities



During the session, the key requirements for materializing a Global and Sustainable Digital Single Market of virtual interoperable (replicable) and interoperable solutions will be analysed, as well as the fundamental role that open standards, supported by open source implementations, can play in meeting these requirements. Likewise, the situation in different parts of the world will be analysed and the open source software standards and initiatives that are gathering more traction in different regions will be discussed.

- 🕒 **Luis Cueto.** Advisor Member of the Secretary of State for Telecommunications and Digital Infrastructures (**SETELECO**)
- 🕒 **Shashin Shinde,** EMEA Technical Business Development Manager at **Red Hat**
- 🕒 **Ricardo Vitorino.** Ubiwhere **Translation**
- 🕒 **Antonio Jara.** CEO at **HOPU**
- 🕒 **Juanjo Hierro.** CTO **FIWARE Foundation**
- 🕒 **Franck Le Gall.** CEO and CTO **Easy Global Market**
- 🕒 **Alexis Semmama.** AI and Smart City Responsible at **ERIDANIS**

### 11:00 h. Modernization of territories: transformation projects for municipalities

Public administration for the modernization of territories is based on digitization, energy efficiency, cloud and IoT projects that radically transform municipalities. The modernization of territories starts with the transformation of municipalities



Moderator: **Margarita Rojo**. Environmental City Councilor of **Santander** and Spanish Network of Smart Cities (**RECI**)

- 🕒 **Luis Cueto**. Advisor Member of the Secretary of State for Telecommunications and Digital Infrastructures (**SETELECO**)
- 🕒 **Loreto del Valle**. General Director of the **Ministry of Economy, Knowledge, Business and Universities** at the **Regional Government of Andalusia**
- 🕒 **Margarita del Cid**. Vicepresident of the **County Council of Málaga**
- 🕒 **Miguel Ángel Gallardo**. President of the **County Council of Badajoz**
- 🕒 **Toni Gaspar**. President of the **County Council of Valencia**
- 🕒 **Carles Ruiz**. Mayor of **Viladecans**

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## 12:00 h. Digital Site: a new way of understanding the workplace



The delocalisation and globalisation of knowledge have required a new way of understanding the workplace, the ways of relating to each other, the means of collaboration and finally, and perhaps most importantly, the ways of planning and controlling the performance of teams. The current health crisis has only acted as a catalyst for a "chemical" reaction that was already taking place. What we should adopt permanently in our companies and which perhaps does not make sense to continue to apply when the pandemic ends.

Moderator: **Juan de Dios Hermosin**. CTO of **AYESA**

- 🕒 **Alberto Ariza Lasarte**. Associate of the consulting firm Strategyco, leader of the Digital Transformation area, and responsible for Strategic Alliances in the technological BigML, specialized in Machine Learning, **AYESA**.
- 🕒 **Pedro Sanz**. Director of the Digital Transformation Area at **AYESA**
- 🕒 **Juan Jose Bocarando**. Territorial Secretary for Sustainability and Director of the Institutional Relations Department Andalusia and Extremadura **ENDESA**
- 🕒 **Carlos Becker**. Director of Public Administration and SmartCities at **Vodafone**

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## 13:00 h. Smart Tourist Destinations: how to address it after COVID19

For many municipalities, economic recovery has been accompanied by the revival of tourism after the global health crisis. Addressing the current situation and planning measures for the future of national tourism requires the planning of projects that will make these cities sustainable, smart and safe tourist destinations, given the current situation

Presented by: **Antonio López de Ávila**. CEO at Tourism Data Driven Solutions (**TDDS**).

**"Smart Tourism Destination as a driver for economic reactivation"**

- 🕒 **Emilio Herrera**. Director Smart Projects Excellence Center. **Cibernos Group**.

Moderator: **Antonio López de Ávila**. CEO at Tourism Data Driven Solutions (**TDDS**)

- 🕒 **Enrique Martínez**. President of the State Mercantile Society for the Management of Tourism Innovation and Technologies **Segittur**
- 🕒 **Antonio Pérez**. Mayor of **Benidorm** and representative of the Network of Smart Tourist Destinations (**Red DTI**)
- 🕒 **Rosa Sánchez**. Deputy Mayor Delegate for Tourism and City Promotion and Investment Acquisition of the **City Council of Malaga**
- 🕒 **Antonio Bernabé**. Managing Director of **Fundación Turismo Valencia**

virtual 🕒 **Katarina Torstensson**. Sustainability Strategist at **Göteborg - European Capital of Smart Tourism 2020**

virtual 🕒 **Victoire Goust**. Deputy Mayor and Delegation for Responsible Tourism and Big Events. **Lyon France**



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## 14:20 h. Smart Tourism Destination certificate award ceremony, granted by Segittur to the city of Malaga

- 🕒 **Francisco de la Torre.** Mayor of **Málaga**
- 🕒 **Enrique Martínez.** President of the State Mercantile Society for the Management of Tourism Innovation and Technologies **Segittur**
- 🕒 **Rosa Sánchez.** Deputy Mayor Delegate for Tourism and City Promotion and Investment Acquisition of the **City Council of Malaga**
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## 14:30 h. Closing session of Greencities and S-Moving



# SMOVING FORUM



**30 September 2020**

**Pavillion I**

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### 09:00 h. Opening session of S-Moving Forum

- » **Antonio Gómez-Guillamón.** President of the Organizing Committee of **S-Moving Forum**
- » **Ana Luz Jiménez.** Coordinator at the Directorate-General for Traffic (**DGT**) in Andalusia, Ceuta and Melilla
- » **Adrián Muelas.** Adviser for the General Secretary of Transport and Mobility (**MITMA**)
- » **Ezequiel Navarro.** CEO at **Grupo Premo**
- » **Fernando Casas.** Director of the Agency for Innovation and Development of Andalusia (**AGENCIA IDEA**)

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### 10:00 h. Port and airport, gaining access to the city

The traveller's experience and how the new normality affects the COVID19 scenario

Moderator: **Antonio Gómez Guillamón.** General Director - **Aertec Solutions**

- » **Carlos Rubio.** President of the **Port Authority of Malaga**
- » **Pedro Bendala.** Director **Malaga Airport**

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### 10:30 h. Telecommunications, technology and mobility in the rural world: Technology in a deserted rural Spain

Currently, nearly 80% of the population is concentrated in large cities. For years, a considerable portion of the population migrated from the countryside to big cities. Digital transformation, along with telecommunications and



technology, as well as improved mobility, which is more sustainable, are essential to mitigate the depopulation phenomenon faced by rural areas

Moderator: **Mario Cortés**. Dean of the Official College of Technical Telecommunications Engineers (**COITT**)

- » **Luis Cueto**. Advisor Member of the Secretary of State for Telecommunications and Digital Infrastructures (**SETELECO**)
- » **Pablo García**. General Director of Digital Agenda at the **Regional Government of Extremadura**
- » **María Ángeles Armisen**. President of the **County Council of Palencia**
- » **Antonio García**. Chairman of the National Association of Telecommunications and Internet Service Operators (**AOTEC**)

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**11:15 h. Opening ceremony of Greencities and S-Moving** in the Auditorium 1

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### **12:30 h. Electric mobility and charging infrastructures**

The electric car and its ecosystem represent one of the axes to promote sustainable and carbon-free mobility. The future of mobility depends on the reduction of emissions and in this context, the electric car is destined to play a leading role. Hence, it is also necessary to promote the development of an increasingly wide and complete charging infrastructure network, which will undoubtedly have a direct impact on the increase in sales and use of this type of vehicle

Moderator: **José Antonio Gil**. Director of the Spanish Patent and Trademark Office (**OEPM**)

- » **Antonio Rojas**. Chairman of the Commission for Automotive Connectivity and Sustainable Mobility at **AMETIC**
- » **Arturo Pérez de Lucía**. Managing Director of the Business Association for the Development and Promotion of Electric Vehicles (**AEDIVE**)
- » **Martín Cobos**. Energy Efficiency Manager **County Council of Badajoz**
- » **Wim Cambien**. Commercial Director Spain. **Alfen Charging Equipment**
- » **José López-Tafall**. General Manager of the Spanish Association of Automobile and Truck Manufacturers (**ANFAC**)

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### **13:30 h. Connected and autonomous vehicles**

Autonomous and connected mobility systems represent a great opportunity for the development of new means of transportation, both present and future. Furthermore, innovation and the application of new technologies to connected and autonomous vehicles offer the possibility of a number of applications in a wide range of production, business, social and environmental fields



Moderator: **Fernando Ferrero**. Director of Strategic Investments at **Agencia IDEA**

- » **José Antonio González Florido**. Head of Digital Business in the Southern Territory at **Telefónica**
- » **Vídeo Laurentino Gutiérrez**. Business Manager e-Mobility & ADAS at **AVL Ibérica**
- » **Joaquín Rodríguez Grau**. CEO Advanced Centre for Aerospace Technologies (**CATEC**)
- » **Ávaro Ramis**. Vice President of BD and Strategic Alliances. **Bestsmile**

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**14:30 h. Working Lunch**

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### **15:30 h. Intermodality and the traveller's experience post COVID19**

The immediate present and the future of mobility involves intermodality or the combined use of different means of transportation. Thus, the user can tailor their method of travelling, saving time and choosing the means of transport that best suit their tastes and needs. The COVID crisis has established new requirements regarding social distancing, health measures, etc... which has generated a new scenario in which this customization will improve the traveller's experience by ensuring compliance with new security protocols that are supported by technology



Moderator: **Mario Muñoz-Atanet**. General Director of Mobility at the **Regional Government of Andalusia**

- » **Francisco Baeza**. Comercial Director at **Sistem Group**
- » **Ana Pérez**. Airport Planning Expert at **AERTEC Solutions**
- » **Jesús Herrero**. Secretary General of Spanish Association of Urban and Metropolitan Public Transport Operators (**ATUC**)
- » **José García Fuentes**. President of **Sunrise Andalucía**
- » **Nuria Domínguez**. Responsible for Strategic Alliances and Open Innovation **SEAT**

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### 16:30 h. IBERDROLA: Smart Solutions: Efficiency and Mobility

The evolution to a more electrified and sustainable economy has its main field of development in transport and domestic consumption. The most efficient and cleanest technologies are already sufficiently mature and available. The biggest challenge is to propose solutions that users can adopt in a simple way and with a quick and tangible return. New business models are required, new relationships between products and services and new roles, with the customer always at the centre. In this table we will know cases and concrete solutions already implemented that can be used for further discussion



Moderator: **Carlos Bergera**. Head of Smart Mobility External Relations at **Iberdrola**

Case 1: Public charging in restaurants

**Jesús Arévalo**. McDonald's Mijas

Case 2: Self-consumption in hotels

- » **Julio Martínez**. **Campanile Hotel Malaga**

Case 3: Self-consumption in companies

- » **José Félix Jiménez**. **MAKRO Sevilla**

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### 17:30 h. Mobility as a Service

The concept of Mobility as a Service (MaaS) describes a model based on shared transport. One of the most outstanding features of MaaS is service customization, which can provide a differential value compared to other means of mobility. Moreover, it is a sustainable transport option for future mobility. The COVID crisis brings new opportunities for shared mobility but also new challenges, including the need to adopt new measures arising from the health and social demands of the pandemic

Moderator: **Adolfo Borrero**. Chairman of the Smart Cities Commission at **AMETIC**

- » **José María Cánovas del Castillo**. CEO at **Imbric**
- » **José Santiago Lorenzo**. Director General Mobility of the **City Council of Seville**
- » **Haya Doudri**. VP EMEA **LINK**
- » **Juan Luis Barahona**. President of **Feneval**
- » **Vídeo Federico de Arteaga**. Director for Planning at **Grupo JB-Mundo Cuervo** in Tequila (México)

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## SMOVING FORUM

01 October 2020

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### 10:30 h. Success stories and the importance of public transport in the post COVID19 era

Public transport is essential to ensure the mobility of citizens and has a direct impact on daily life, both socially and economically. Additionally, it is one of the most sustainable and ecological means of transport. During the COVID pandemic, public transport has been crucial to maintaining essential mobility, rapidly adapting to the new needs



that have arisen. However, it has also been significantly impacted by a decline in the number of users. Public transport is critical in the present and near future for helping society to return to normal life after the pandemic

Moderator: **Miguel Ruiz**. President of the Association of Collective Urban Transport Management Businesses (**ATUC**)

- » **Guillermo Maldonado**. CEO Tema Grupo Consultor
- » **Daniel González-Bootello**. General Director **Smart City Cluster**
- » **Vídeo Carlos Ortiz**. Business Development Manager at **Medellín Metro**
- » Spanish Federation of Municipalities and Provinces (**FEMP**)

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### 12:00 h. Trends and new solutions in urban mobility

The COVID pandemic has had a direct impact on the way we move, especially in the urban environment. Teleworking, spending more time at home and adopting new habits (such as increasing online shopping) have had a direct effect on mobility. In the coming months, we will see if these new habits are definitely here to stay. In any case, one thing is clear: these changes will be reflected in the advent of new trends and more sustainable solutions in the field of mobility

Moderator: **Pilar González**. Head of the Institutional Promotion and Territorial Cooperation Department at the Centre for the Development of Industrial Technology (**CDTI**)

- » **Antonio Francés**. Mayor of **Alcoy**
- » **Eduardo Valencia**. Director Think Tank #VEHICLES7YFN by **AMETIC**
- » **Carlos García**. Technical manager for building and civil works at the Andalusian Technological Corporation (**CTA**)
- » **ACCIONA**

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### 13:00 h. Road Safety and Regulation

The mobility sector is constantly changing. The need to invest in more sustainable mobility, the emergence of new means of transport and the importance of ensuring road safety, call for these changes to be reflected in regulations, so that they are accountable to the reality of the current situation

Moderator: **Trinidad Hernández**. General Director of Mobility of the **City Council of Málaga**

- » **Ana Luz Jiménez**. Coordinator for Andalusia at the Directorate-General for Traffic (**DGT**)
- » **Pablo Escapa**. Technical Telecommunications Engineer and cybersecurity expert, dedicated to the automotive world at **Ic2Ev Technology**
- » **Gonzalo Ramos**. Director of the Máster of Cognitive Sciences and researcher and professor at Malaga University (**UMA**)
- » **Ramón Ledesma**. Advisor of **Pons Road Safety**

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### 14:00 h. Carlos Hernández Pezzi Award to the Best Scientific Communication Ceremony and closing session of the IGC - International Greencities Congress

- » **Susana Carillo**. First Deputy Mayor of the **City Council of Málaga** and Head of Innovation and Urban Digitalisation
- » **Teresa Riesgo**. General Secretary for Innovation of the **Ministry for Science and Innovation**
- » **Lorena García de Izarra**. Deputy Minister at the Ministry of Transformation Economy, Industry, Knowledge, and University of the **Regional Government of Andalusia**
- » **José Aldana**. Deputy Vice-Rector for Knowledge Transfer of the University of Malaga (**UMA**)
- » **Jose Antonio Conde**. Member of the Scientific Committee of the International Greencities Congress (**IGC**)





## SDG SPACE

Pavillion I

30 September 2020

Co-organized by:



Sponsored by:



## CIRCULAR ECONOMY FORUM

Forum Host: **Luis Medina-Montoya**. General Director of Environment and Sustainability of the Environmental Sustainability Government Area at the **City Council of Málaga**

### 09:00 Opening session of the III Circular Economy Forum

- 🕒 **María López**. General Director for Environmental Quality and Climate Change of the Ministry of Agriculture, Livestock, Fisheries and Sustainable Development of the **Regional Government of Andalusia**
- 🕒 **Ignacio Sánchez**. Recycling General Manager Spain & France of **Smurfit Kappa**
- 🕒 **Gemma del Corral**. Deputy mayor and delegate of the Environmental Sustainability Government Area at the **City Council of Málaga**

### 09:30 h. Requirements for circularity

How, the design, production, distribution and lifecycle of products and services should be, so that the processes carried out by companies become simpler and provide better added value to the following steps, such as reuse

Moderator: **Sonia Palomo**. Technology Transfer and International Relations Director of Technology Park of Andalusia (**PTA**)

- 🕒 **Vídeo Björn Westling**. Director SME Relations. **Johanneberg Science Park**
- 🕒 **Carla Cano**. Manager of collection area and leads innovation area at **Ecovidrio**
- 🕒 **Antonia Lorenzo**. CEO of **BIOAZUL** and **Connecting Nature** project partner
- 🕒 **César Morais**. Commercial Director at **ENVAC**
- 🕒 **Miguel Ángel Pérez**. Director for Planning and Sustainable Development at **LIMASAM**
- 🕒 **Jesús Ajuria**. Southern Europe Regional Director at **CONTENUR**

### 10:30 h. From traditional industry to bioindustry (Regional Government of Andalusia)

The agri-food sector in Andalusia is of great economic importance, with a great impact also on the social and environmental aspects. Sub-sectors such as olive groves, vineyards and citrus fruits, among others, generate a large amount of by-products that can be used as biomass by the agro-food industries. What is a bio-industry? We will talk about it, about the viability of these bio-industries and we will present cases of traditional industries that are making this transition to a more sustainable figure from the social and environmental point of view

Moderator: **Carmen Ronchel**. Technical Responsible for the Biotechnology Sector of the Andalusian Technological Corporation (**CTA**)

- 🕒 **Antonio Moreno**. Director at **CITRICOS DEL ANDEVALO, S.A**



 **Antonio Rodríguez.** Technician at **Cooperativa La Loja**

 **Vídeo Professor Piergiuseppe.** Cluster **SPRING** (Italia)



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**11:15 h. Opening ceremony of Greencities and S-Moving** in the Auditorium 1

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**12:30 h. Circular Economy Regulation**

 **David Fernández.** Head of the Waste and Soil Quality Service at the Ministry of Agriculture, Livestock, Fisheries and Sustainable Development of the **Regional Government of Andalusia**

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**12:50 h.** Presentation




 **Ignacio Sánchez.** France & Spain Recycling General Manager at **Smurfit Kappa**

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**13:10 h. Circular economy application, what have we learnt?**

Presentation of the main difficulties encountered and the possible solutions that have been applied

 **Vicente Galván.** General Director of Circular Economy of the Regional Government of Environment, Land Management and Sustainability of the **Community of Madrid**

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**13:30 h. Heidelberg Cement Hispania and its commitment to the circular economy**

For decades the construction materials manufacturing sector has been one of the largest recyclers in the economy by processing tons of waste from other activities, either in the form of raw materials or fuels. HeidelbergCement is committed to the circular economy as its main contribution to the common challenge of decarbonization

 **Tomás Azorín.** Strategic and Transformation Director at **Heidelberg Cement**

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**13:50 h. Extenda: Circular Economy and Agrifood**

 **Barbara Swartzentruber.** Director of the SMART CITIES Office of Guelph

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**14:30 h. Elevator Pitch y Presentation of the Startups Accelerator EIT CLIMATE KIC**

Institutional Welcome

 **Rosa Sánchez.** Deputy Mayor Delegate for Tourism and City Promotion and Investment Acquisition of the **City Council of Malaga**

 **Marta Esteve.** Communication Director at **EIT CLIMATE KIC**

 **Journify**

 **Mayordomo**

 **Flit2Go**

 **Solum**

**HOPUCloudsensing**

**Flit2Go**

**HOPU**

**Journify**



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**14:30 h. Working Lunch**

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**SDG FORUM**




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**15:30 h. GECOR SYSTEM. Citizen engagement**

Citizen participation has become a priority for the municipalities, in order to deliver solutions and design a more effective and efficient municipal management in the administrative processes that involve the citizen



Moderator: **Roberto López**. Director **101 TV**



-  **Francisco de la Torre**. Mayor of **Málaga**
- Antonio Moreno**. Mayor of **Velez-Málaga**
-  **Vídeo Luis Salvador**. Alcalde de **Granada**
-  **Ana Mula**. Mayor of **Fuengirola**

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**16:30 h.** Presentation of the programme **“Sustainability: a path without return”**

Film director Miguel Ángel Tobías will tour Spain in search of projects that make Sustainability a reality in Spain. The future involves understanding a more sustainable and humane world, but also technological and full of innovative solutions that project it in such a way that cities develop more intelligently

Presented by: **Susana Carillo**. First Deputy Mayor of the **City Council of Málaga** and Head of Innovation and Urban Digitalisation

-  **Arturo Pérez de Lucía**. Managing Director of the Business Association for the Development and Promotion of Electric Vehicles (**AEDIVE**)
-  **Miguel Ángel Tobías**. Film Producer and Director of Social Documentaries. Audiovisual Communication focused on the SDGs at **ACCA MEDIA**

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**17:30 h. Startups & Media** PROMALAGA and EIT CLIMATE KIC

Bienvenida Institucional

**Rosa Sánchez**. Teniente Alcalde Delegada de Turismo y Promoción de la Ciudad y Captación de Inversiones del **Ayuntamiento de Málaga**

-  **Marta Esteve**. Communication Director **EIT CLIMATE KIC**

Moderator: **Nuria TrigueroIgnacio Lillo**. Journalist. **Diario Sur**

-  **Agustín Ramírez**. Startup **AGANOVA**
-  **Alberto Jiménez**. Startup **PROAMB**
-  **Ignacio Zaballos** Startup **Journify**
- Antonio Jara** Startup **HOPU**



## SDG FORUM

01 October 2020

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### 09:00 h. Gavà: circular economy and social innovation

Gavà, a medium-sized city in the metropolitan area of Barcelona, is making a commitment to an urban, economic and social model based on the sustainability agenda. The crisis caused by the pandemic and the need to articulate strategies has given even more support arguments to this trajectory, which is specified in concrete examples such as the Circular Economy and the Gavius artificial intelligence project at the service of social innovation

 **Raquel Sánchez.** Mayor of **Gavà**


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### 09:30 h. Projects by the Regional Government of Andalusia

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### 10:00 h. Innovative Companies Forum: Sustainability and Innovation

Presented by: **Felipe Romera.** General Director of the Technology Park of Andalusia (**PTA**) and President of the Association of Science and Technology Parks of Spain (**APTE**)

 **Luis Fernando Álvarez-Gascón.** President of the Innovative Companies Forum (**FEI**)

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### 11:00 h. TALENT WOMAN by Greencities & S-Moving

The role of women during the COVID-19 crisis has been of great importance, in their management in hospitals, projects and cities ... in an environment marked by uncertainty and the difficulties that the pandemic has brought with it. Women who have played a key role during this health crisis will participate, contributing their vision and experience in management, at an unprecedented moment in recent history


Moderator: **Miguel González Suela.** Deputy Secretary of the Ministry for Ecological Transition and Demographic Challenge

 **Susana Carillo.** First Deputy Mayor of the **City Council of Málaga** and Head of Innovation and Urban Digitalisation

 **Lorena García de Izarra.** Deputy Minister at the Ministry of Transformation Economy, Industry, Knowledge, and University of the **Regional Government of Andalusia**


 **Llúisa Moret.** Mayor of **Sant Boi de Llobregat**

 **María del Mar Vázquez.** Manager at the **Regional Hospital of Málaga**

 **Teresa Riesgo.** General Secretary for Innovation of the **Ministry of Science and Innovation**

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### 12:30 h. Presentation of the Technology framework for smart cities, Andalucía Smart

 **Antonio Cabello.** Head of Service Coordination of Public Administrations at the **Regional Government of Andalusia**

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### 13:00 h. Accelerathon - FINNOVA

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### 14:30 h. Closing ceremony of Greencities and S-Moving at the Green Point



# IGC FORUM

Pavilion I

30 September 2020



Co-organised by:



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## 09:00 h. Opening Session of the International Greencities Congress

- 🕒 **María Luisa Gómez.** Chair of the International Greencities Congress (IGC) Committee

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## 09:30 h. Conference: **Horizon 2030: Environmental Sustainability at UMA**

Introduced by: **María Luisa Gómez.** Chair of the International Greencities Congress (IGC) Committee

- 🕒 **Patricia Mora.** Deputy Vice-Dean of Smart-Campus at the **University of Malaga**

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## 10:15 h. Block I - Presentation of scientific communications: **Territorial intelligence and urban governance 1**

Moderator: **Tomás Caballero.** Member of the scientific committee

- 🕒 Communication 1: *TEME Tramitación Electrónica Mayores Empoderados*  
**Juan Antonio Bermúdez, Municipal Computer Centre (Malaga City Council)**
- 🕒 Communication 2: *Análisis de la accesibilidad de los discapacitados visuales a los servicios públicos de transporte mediante aplicaciones móviles: el caso de la EMT Málaga*  
**Miguel Ruiz, Malaga Transport Company SAM**
- 🕒 Communication 3: *Innovación social y análisis multicriterio en la aplicación de los Objetivos de Desarrollo Sostenible. El caso de Málaga*  
**M. Carmen García-Peña,** Managing Director of the **CIEDES Foundation** and doctoral student at the University of Malaga (**UMA**)
- 🕒 Communication 4: *Las ciudades inteligentes que no olvidan a las poblaciones más vulnerables, una oportunidad para el bien común*  
**Rafael Arredondo, University of Malaga**
- 🕒 Communication 5: *Organización y gestión de recursos para la sostenibilidad. El concepto de Smart City en el ámbito rural*  
**Carlos Javier de las Heras, University of Malaga**

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## 11:30 h. Opening ceremony of Greencities and S-Moving in the Auditorium 1

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## 12:30 h. Block II - Presentation of scientific communications: **Sustainable urban ecosystem 1**

Moderator: **Tomás Caballero.** Member of the scientific committee

- 🕒 Communication 1: *Smart Trees. Reusing UMA's waste: un árbol biotecnológico para mejorar entornos docentes universitarios y ofrecer servicios conectivos*  
**Noelia Hidalgo, University of Malaga**
- 🕒 Communication 2: *Alboranian Green Belt: bases para una infraestructura verde en el Arco de Alborán ante la crisis climática*  
**Yusra El-Bahri, University of Malaga**



🕒 Communication 3: *Diseño de un pabellón semi-abierto para usos docentes en el Campus de Teatinos (Málaga)*

**Fernando Domínguez, University of Malaga**

🕒 Communication 4: *Desarrollo del concepto Smart-Campus en la Universidad de Málaga*

**Rocio Mora, University of Malaga**

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### **13:45 h. Conference: Presentation of the Institute of Biotechnology and Blue Development**

Introduced by: **María Luisa Gómez**. Chair of the **International Greencities Congress (IGC) Committee**

🕒 **Félix López**. Professor of Ecology at the **University of Malaga** and Director of the **Institute of Biotechnology and Blue Development**

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### **14:30 h. Working Lunch**

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### **15:30 h. Block III - Presentation of scientific communications: Infrastructure and sustainable technological solutions 1**

Moderator: **José Antonio Conde**. Member of the scientific committee.

🕒 Communication 1: *Indicadores de consumo energético obtenidos a través del análisis de datos en edificios públicos*

**Beatriz Muriel, University of Extremadura**

🕒 Communication 2: *Aplicaciones de Copernicus para ciudades verdes, saludables y resilientes en el contexto de la emergencia climática*

**Christoph Schröder, University of Malaga**

🕒 Communication 3: *Estrategias de comunicación en edificios públicos para la reducción del consumo y la mejora del confort y calidad del aire*

**Marta Lucas, University of Extremadura**

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### **16:30 h. Block IV - Presentation of scientific communications: Sustainable actions in construction 1**

Moderator: **José Antonio Conde**. Member of the scientific committee.

🕒 Communication 1: *Biblioteca solar: un modelo de acoplamiento energético*

**Elvira Carrión, IDEA Engineering**

🕒 Communication 2: *Huella de carbono de la Universidad de Málaga. Propuestas de actuación*

**Sara González, University of Malaga**

🕒 Communication 3: *Cómo reducir la huella de carbono en la edificación*

**Erika Ramos, Mace Management S.A.**

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### **17:30 h. Keynote speaker conferences**

Introduced by: **María Luisa Gómez**. Chair of the **International Greencities Congress (IGC) Committee**

Conference: **Transformation to Smart Sustainable Cities: Overview on Process and Good Practices from Switzerland**



- 🕒 **Vicente Carabias**. Deputy Head ZHAW Institute of Sustainable Development, Coordinator Platform Smart Cities & Regions, **ZHAW Zurich University of Applied Sciences**, Head of Unit Smart City, City of **Winterthur, Switzerland**

Conference: You know **Senseable Cities**

- 🕒 **Carlo Ratti**. Architect, engineer, inventor, teacher, and director of the **MIT Senseable City Lab** at the Massachusetts Institute of Technology (**MIT**)
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## C FORUM

October 2020

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### 9:00 h. Block V - Presentation of scientific communications: **Infrastructure and sustainable technological solutions 2**

Moderator: **José Ramón de Andrés**. Member of the scientific committee

- 🕒 Communication 1: *Sistema de riego sostenible: producto de un Smart Campus inclusivo*

**Juan José NavasAlberto Peinado, University of Malaga**

Communication 2: *Experiencias de un Smart Campus usando inteligencia artificial e IoT para optimizar el consumo de agua*

**Pedro Miguel Núñez, University of Extremadura**

- 🕒 Communication 3: *Desarrollo de un sistema de detección de plagas, natas y contaminación en las costas españolas*

**Mercedes Martos, Gecor System**

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### 10:00 h. Block VI - Presentation of scientific communications: **Sustainable urban ecosystem 2**

Moderator: **José Ramón de Andrés**. Member of the scientific committee

- 🕒 Communication 1: *The contribution of Smart Cities to the achievement of the Sustainable Development Goal 11 «Sustainable cities and communities»*

**José Manuel Díaz-Saráchaga, University of Oviedo**

- 🕒 Communication 2: *Monitoring network of air quality in Green Ports of Balearic Islands*

**Miguel Escribano, Kunak Technologies**

- 🕒 Communication 3: *Air quality during city marathons: a pilot study*

**Edurne Ibarrola-Ulzurrun, Kunak Technologies**

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### 11:00 h. Conference: **Potentialities of solar cooking in the Mediterranean region**

Introduced by: **Francisco Serrano**. Member of the scientific committee.

- 🕒 **Celestino Ruivo**. Prof. DEM/Instituto Superior de Engenharia da **Universidade do Algarve** (Portugal)
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### 11:30 h. Block VII - Presentation of scientific communications: **Territorial intelligence and urban governance 2**

Moderator: **Tomás Caballero**. Member of the scientific committee



- 🕒 Communication 1: *Las ciudades inteligentes en Portugal*  
**Isabel Celeste Fonseca, Universidade do Minho**
- 🕒 Communication 2: *Inteligencia artificial y justicia predictiva. La igualdad procesal y la administración justicia en la sociedad red*  
**Paulo Ramón Suárez, University of Malaga**
- 🕒 Communication 3: *Privacidad y seguridad en el binomio territorios/administraciones inteligentes. Trazabilidad a través de la contratación pública*  
**María Estrella Gutiérrez, Complutense University of Madrid**
- 🕒 Communication 4: *Régimen jurídico administrativo de la smart mobility en la protección de datos*  
**José Alberto España, University of Malaga**

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**12:45pm.** Block VIII - Presentation of scientific communications: **Sustainable actions in construction 2**

Moderator: **Tomás Caballero**. Member of the scientific committee.

- 🕒 Communication 1: *Efecto de la incorporación de diferentes arcillas del sur de España en el desarrollo de sistemas cementantes de cenizas de biomasa de pinar y olivar-metacaolín activados alcalinamente*  
**Dolores Eliche-Quesada, University of Jaén**
- 🕒 Communication 2: *Viviendas perfectibles, flexibles y eficientes: edificios sostenibles* **Enrique Mínguez, University of Alicante**
- 🕒 Communication 3: *Paving the way towards the building renovation wider benefits: energy poverty case*  
**Rafael Abad, Official College of Architects of Malaga**

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**14:00 h.** Carlos Hernández Pezzi Award to the Best Scientific Communication Ceremony and closing session of the IGC - International Greencities Congress

- 🕒 **Susana Carillo**. First Deputy Mayor of the **City Council of Málaga** and Head of Innovation and Urban Digitalisation
- 🕒 **Teresa Riesgo**. **General Secretary for Innovation of the Ministry for Science and Innovation**  
**Lorena García de Izarra**. **Deputy Minister at the Ministry of Transformation Economy, Industry, Knowledge, and University of the Regional Government of Andalusia**
- 🕒 **José Aldana**. Deputy Vice-Rector for Knowledge Transfer of the University of Malaga (**UMA**)
- 🕒 **Jose Antonio Conde**. Member of the Scientific Committee of the International Greencities Congress (**IGC**)

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**14:30 h.** Closing session of Greencities and S-Moving

**IGC FORUM**

**Pavilion I**

**30 September 2020**

Co-organised by:



UNIVERSIDAD DE MÁLAGA




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**09:15 h.** Opening Session of the International Greencities Congress


- virtual** 🕒 **María Luisa Gómez**. Chair of the International Greencities Congress **IGC** Committee





## 09:30 h. Conference: **Horizon 2030: Environmental Sustainability at UMA**

virtual Introduced by: **María Luisa Gómez**. Chair of the International Greencities Congress (IGC) Committee

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## 10:15 h. Block I - Presentation of scientific communications: **Territorial intelligence and urban governance 1**


Moderator: **Tomás Caballero**. Member of the scientific committee

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virtual  Communication 2: *Análisis de la accesibilidad de los discapacitados visuales a los servicios públicos de transporte mediante aplicaciones móviles: el caso de la EMT Málaga*


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## 11:30 h. **Opening ceremony of Greencities and S-Moving** in the Auditorium 1


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## 12:30 h. Block II - Presentation of scientific communications: **Sustainable urban ecosystem 1**


Moderator: **Tomás Caballero**. Member of the scientific committee

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 Communication 2: *Alboranian Green Belt: bases para una infraestructura verde en el Arco de Alborán ante la crisis climática*

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## 13:45 h. Conference: **Presentation of the Institute of Biotechnology and Blue Development**

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## 14:30 h. Working Lunch


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Moderator: **José Antonio Conde**. Member of the scientific committee.

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Conference: You know **Senseable Cities**

virtual  **Carlo Ratti**. Architect, engineer, inventor, teacher, and director of the **MIT Senseable City Lab** at the Massachusetts Institute of Technology **MIT**

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## IGC FORUM

### 1 October 2020

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### 9:00 h. Block V - Presentation of scientific communications: **Infrastructure and sustainable technological solutions 2**

Moderator: **José Ramón de Andrés**. Member of the scientific committee

virtual  Communication 1: Sustainable irrigation system: product of an inclusive Smart



**Juan José Navas, University of Malaga**

- 🕒 Communication 2: *Experiences of a Smart Campus using artificial intelligence and IoT to optimize water consumption*

virtual

**Sergio Barroso, University of Extremadura**

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#### 10:00 h. Block VI - Presentation of scientific communications: **Sustainable urban ecosystem 2**

Moderator: **José Ramón de Andrés**. Member of the scientific committee

- 🕒 Communication 1: *The contribution of Smart Cities to the achievement of the Sustainable Development Goal 11 «Sustainable cities and communities»*

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**José Manuel Díaz-Saráchaga, University of Oviedo**

- 🕒 Communication 2: *Monitoring network of air quality in Green Ports of Balearic Islands*

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**María Estrella Gutiérrez, Complutense University of Madrid**

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  - 🕒 **Javier López.** Vice-Rector of Business, Territory and Digital Transformation of the **University of Malaga UMA**
  - 🕒 **Jose Antonio Conde.** Member of the Scientific Committee of the International Greencities Congress **IGC**
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**14:30 h. Closing session of Greencities and S-Moving**