

SMARTCITY

EXPO WORLD CONGRESS



November 16th to 18th 2021
www.smartcityexpo.com

The leading international Summit on cities and smart urban solutions celebrates its 10th anniversary

Smart City Expo World Congress 2021 brings the urban innovation industry together again

Smart City Expo World Congress (SCEWC), the leading international event on cities and smart urban solutions organized by Fira de Barcelona will bring together the urban innovation industry again and in person to celebrate the 10th anniversary of the event from November 16 to 18. With over 400 exhibitors and 300 speakers, and under the theme *We are the cities we make*, the show and congress will reflect on the transformation that metropolises are experiencing after the pandemic and the need to tailor cities to the needs of its citizens even more than before.

The event will gather the leading international experts and companies to share knowledge and tackle the many challenges involved in urban transformation. To cover the many fields involved, the congress program be structured in eight themes, Enabling Technologies, Energy & Environment, Tomorrow.Mobility World Congress, Governance, Living & Inclusion, Economy, Infrastructure & Buildings, and Safety & Security. and will feature topics such as Artificial Intelligence, Digital Twins, New Energy Models, Green Spaces, Low Carbon, Micro & Shared Mobility, Cross-sector Governance, Citizen Engagement, Critical Infrastructures, City Ethics & Privacy, Urban Safety and Emergency Response.

The director of Smart City Expo World Congress, Ugo Valenti, said that *"given the international context, the 2021 edition will surely be one of the more outstanding editions. We will celebrate our tenth anniversary and we will do it by bringing back together and in person the whole urban innovation ecosystem. The past months have shifted the priorities of most cities and I'm sure this will have an impact on the trends of urban transformation and on the conferences that we will hold in Barcelona. We have always felt proud and privileged of contributing to the transformations and cities around the world but now more than ever."*

Urban solutions are critical element of the smart city ecosystem, and the 400 exhibiting companies will showcase their latest products and technologies. Among these companies are Abertis Mobility Solutions, Cisco, City Possible by Mastercard, FCC Environment, Huawei, Microsoft, Motorola, Seat, Smart Ports: Piers of the Future and Ubiwhere. Likewise, many cities and countries will showcase their recent projects and initiatives including those from Argentina, Austria, Barcelona, Belgium, Berlin, Brasil, Buenos Aires, Canada, Chile, Colombia, Estonia, Finland, France, Germany, The Hague, India, Indonesia, Iran, Italy, Latvia, The Netherlands, Norway, Paris, Poland, Sweden and the USA, among others.

Urban knowledge platform

With over 300 experts meeting together in Barcelona, SCEWC will become a global summit covering every angle of urban knowledge. Among the keynote speakers taking part in the event are Carlos Moreno, scientist and Mayor of Paris' Special Envoy for Smart Cities; Jeff Merrit, Head of Urban Transformation at the World Economic Forum who was the first Director of innovation of the city of New York; Renata Ávila, International lawyer and advocate who works at the Stanford Institute of Human-Centered Artificial Intelligence; and María Fernanda Espinosa, former President of the United Nations General Assembly.

The future of mobility and materials

Cross industry collaboration has been one of the goals of SCEWC since its inception. The 2021 edition will strengthen its role as a world platform for knowledge sharing and widen its reach by hosting two new events: Tomorrow.Mobility and PUZZLE X. Tomorrow.Mobility will focus on promoting the design and adoption of new sustainable urban mobility models. The event is co-organised by EIT Urban Mobility, an initiative of the European Institute of Innovation and Technology, a body of the European Union, and has the support of important companies and institutions. TMWC is launched to create a global benchmark in

the field and going beyond a one-off event, as it will include an online knowledge platform that will be active throughout the year and an innovation hub set to bring the main players in the industry together.

PUZZLE X aims to grasp the potential of Frontier materials to solve some of the challenges that society is facing. The initiative includes a yearly event and a venture builder incubator to support Materials Deep Tech startups, attract investment and build a global ecosystem. Frontier and advanced materials, including quantum materials, low dimensional materials, 2D materials like graphene, advanced materials, and intelligent composites, have a great impact in industries such as Energy, Mobility, Healthcare, Transportation, Construction, Electronics, Textile and Connectivity, among others.

The UCLG World Council

SCEWC will also provide the space for the yearly meeting of the United Cities and Local Governments Organization (UCLG), the largest global network of cities and local, regional, and metropolitan governments. UCLG will gather its World Council in Barcelona, under the title "Smart Cities and Territories, Pillars of the Common Agenda" to define the strategy of the municipal movement and its contribution to the UN Common Agenda. The World Council is composed of 342 representatives from 97 countries of the world. The meetings usually gather around 500 participants and in 2021 it will have a hybrid component, with sessions being held both physically in Barcelona and on-line.

Barcelona, November 2021

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Smart City Expo World Congress 2021 gathers representatives from 400 cities and regions

Smart City Expo World Congress (SCEWC), the event on cities and smart urban solutions organized by Fira de Barcelona, will gather representatives of more than 400 cities from around the world from November 16 to 18. For its tenth anniversary edition, SCEWC will bring together the mayors from Ankara, Barcelona, The Hague, Kazan, L'Hospitalet de Llobregat, Medellín, Montevideo, Prague, Quito and Vilnius together with representatives from cities such as Amsterdam, Berlin, Buenos Aires, Frankfurt, Kiev, Madrid, Málaga, Milano, New York, Paris, Philadelphia, Sao Paulo, Santiago de Chile, Stockholm and Rio de Janeiro to share experiences and promote new initiatives on urban transformation.

The international summit will also host the delegations from other cities and regions including those from Antioquia (Colombia), Bochum (Germany), Bordeaux (France), Braunschweig (Germany), Dresden (Germany), Flanders (Belgium), Podgorica (Montenegro), Pune (India), the State of Rio de Janeiro (Brazil), Tampere (Finland), Toulouse (France) and Wolfsburg (Germany), and countries such as Brazil, Canada, Colombia, Indonesia, India, Turkey, Portugal, and Puerto Rico.

The director of SCEWC, Ugo Valenti, said *"this year's edition of Smart City Expo World Congress is one of the most necessary since the event kicked off back in 2011. Not only it is our 10th anniversary edition but it comes at a time when cities need to be together even more. The pandemic has shifted the urgency of some improvements and the quick deployment of certain technologies has become a top priority for all. This is why gathering representatives from local governments from all over the world is crucial. Debates and agreements made during these days will impact the near future of citizens all over the world."*

SCEWC will showcase the latest initiatives from several countries and territories. The exhibition space will feature pavilions from Austria, Belgium, Canada, Catalonia, Chile, Estonia, Finland, France, Germany, Hessen, Iran, Israel, Italy, Latvia, The Netherlands, Norway, Poland, Saxony, Spain, Sweden and USA.

On its 10th edition SCEWC will be a hybrid event. In addition to the on-site conferences, a parallel digital program will be broadcast online through the Tomorrow City platform, taking SCEWC further than it has ever gone and spreading the urban knowledge assembled in Barcelona to a widened global community.

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Knowledge platform

The 2021 edition will be jointly held with two new events: Tomorrow.Mobility and PUZZLE X. Tomorrow.Mobility will focus on promoting the design and adoption of new sustainable urban mobility models. The event is co-organised by EIT Urban Mobility, an initiative of the European Institute of Innovation and Technology, a body of the European Union, and has the support of important companies and institutions. PUZZLE X aims to grasp the potential of Frontier materials to solve some of the challenges that society is facing. The initiative includes a yearly event and a venture builder incubator to support Materials Deep Tech startups, attract investment and build a global ecosystem.