

08h30	Registration	
09h30	<b>Welcome by organisers</b>	José R. Perán   Director. CARTIF Technology Centre
		Miguel Á. García-Fuentes   BY&FORCITIZENS Conference Programme Director. CARTIF Technology Centre
09h45	<b>Conference opening</b>	Óscar Puente   Mayor of Valladolid
		Teresa Ribera   Minister for Ecology Transition. Spanish Government
		Georg Houben   Policy Officer. Directorate General for Energy. European Commission
		Pilar del Olmo   Economy and Finance Minister. Castilla y León Government
10h15	<b>Keynote speaker: human-centric city transformation</b> Creating smart and inclusive cities and societies	Anne-Lise Kjaer   Futurist Copenhagen Ambassador. Kjaer Global
11h00	Coffee break	
11h30	<b>Panel 1: Circular economy to transform city ecosystems</b> <i>Cities are ecosystems that consume resources to produce services for the citizens and also wastes. These ecosystems need to be optimised in order to maintain the value of products, materials and resources for as long as possible, while minimising the generation of waste. The panel will discuss about how cities are introducing the circular economy.</i>	<b>Moderated by:</b> <b>Stefan Junstrand</b>   General Director. TECMARED <b>Speakers:</b> <ul style="list-style-type: none"> <li>Miguel Ruiz-Galvez   Responsible for Biomass. VEOLIA</li> <li>Oriana Romano   Cities and Circular Economy Programme Coordinator. Organisation for Cooperation and Economic Development (OCDE)</li> <li>Rosa Huertas   Area Director for Finance. Municipality of Valladolid</li> <li>Baha Kuban   Senior Consultant. Demir Energy</li> </ul>
		12h30
13h30	Lunch break	
15h00	<b>Panel 3: Innovation ecosystems for Smart and Sustainable cities</b> <i>Cities can only be successfully transformed if the appropriate ecosystem of actors is created for this aim. The local government, city businesses, citizens, and other agents need to create a strong network to define and implement the city strategy. The panel will show successful examples of innovation ecosystems to transform cities.</i>	<b>Moderated by:</b> <b>Gregorio Muñoz</b>   Deputy Commissioner for Science and Technology. Junta de Castilla y León <b>Speakers:</b> <ul style="list-style-type: none"> <li>Luis Frauca   Director for Cities and Innovation. EPTISA</li> <li>Andy Deacon   Director at Future Climate and Sustainable Energy Investment Forum coordinator. Climate Alliance</li> <li>Sergio Serna   Responsible Technical Secretariat. INNPULSO Network</li> <li>Nora Mendoza   Smart Strategy and Sector Specialisation. Fomento de San Sebastián</li> </ul>
		16h00
16h30	<b>Technical field visits:</b>	TV1: Sustainable mobility actions in the city for citizens, services and logistics
		TV2: Achieving low-carbon residential districts in the city areas of Cuatro de Marzo and FASA-Delicias
18h30	End of first day conference programme	TV3: District retrofitting within the metropolitan area to achieve an efficient neighbourhood in Torrelago
		TV4: Zero energy buildings and heating networks in the University of Valladolid
20h00	Networking cocktail   Reception and cocktail at the <i>Modern Art Museum Patio Herreriano</i>	



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08h00	<b>Second day opens</b>	
08h45	<b>Keynote speaker: renaturing cities</b> City renaturing: integrating nature to create new city ecosystems	<b>Paul Nolan</b>   Director. Mersey Forest
09h30	<b>Smart session 1   Sustainable and connected mobility</b> <i>Presentation of best practices of sustainable urban mobility actions as electric public transport, charging infrastructures, or mobility planning</i>	<b>Moderated by:</b> <b>Cecilia Medina</b>   R&D and Training Manager. Spanish Automotive and Mobility Technology Platform <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>Carlos Bergera</b>   Head of International Affairs in Smart Mobility. Iberdrola</li> <li>• <b>Enrique Morgades</b>   Head of Market Development. CIRCE</li> <li>• <b>Gabriel Rubí</b>   Head of Environment Service. Municipality of Palencia</li> <li>• <b>Chris Beattie</b>   Director. WEGO</li> <li>• <b>Pablo Rivas</b>   Project Manager. GMV</li> </ul>
	<b>Smart session 2   Renaturing cities: creating new city ecosystems</b> <i>Presentation of best practices and projects of integrating nature-based solutions in cities</i>	<b>Moderated by:</b> <b>Ramón López Pérez</b>   Head of Service. Spanish Office for Climate Change <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>Raúl Sánchez</b>   Head of Natural Resources Area. CARTIF Technology Centre</li> <li>• <b>Amy Oen</b>   Senior Researcher. Norwegian Geotechnical Institute</li> <li>• <b>Marcus Collier</b>   Assistant Professor. University College Dublin</li> <li>• <b>Gonçalo Canto</b>   Researcher. University of Coimbra</li> <li>• <b>Beatriz Caitana</b>   Researcher. University of Coimbra</li> <li>• <b>Laura Wendling</b>   Senior Scientist. VTT Technical Research Centre of Finland</li> </ul>
	<b>Smart session 3   Enhanced regional competitiveness in Cities</b> <i>From the city to the region: working towards smart, efficient and sustainable regions in Europe</i>	<b>Moderated by:</b> <b>Sointu Räisänen</b>   Senior Advisor. East & North Finland EU Office <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>José Francisco de Diego</b>   Salamanca Territorial Direction. ICE–Castilla y León Government</li> <li>• <b>Mikko Juuti</b>   Project Manager. City of Kuopio</li> <li>• <b>Marcos Nogueira</b>   Managing Partner. IrRADIARE</li> <li>• <b>Verónica Ramírez del Valle</b>   RTD Director. SmartCityAndalucía</li> <li>• <b>Sami Ruotsalainen</b>   Development Manager. City of Joensuu</li> </ul>
11h00	<b>Coffee break</b>	
11h30	<b>Smart session 4   Connected, digital and cyber-secure cities</b> <i>Presentation of best practices in digital transformation and data exploitation for improved services in cities</i>	<b>Moderated by:</b> <b>Roberto Vidal</b>   Board of Directors. European Cyber-Security Organisation <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>Ramón Ferri</b>   Head of Smart City Office. Municipality of Valencia</li> <li>• <b>Enrique Diaz-Plaza</b>   Head of Development and Smart Cities. IBM Spain</li> <li>• <b>Félix Larrinaga</b>   Professor. MONDRAGON University</li> <li>• <b>Natalie Samovich</b>   Head of Research and Innovation. ENERCOUTIM</li> <li>• <b>Antonio Ferreras</b>   Head of R&amp;D Centres in Valladolid, Huesca and Granada. TELEFÓNICA</li> </ul>
	<b>Smart session 5   Zero energy buildings for zero energy cities</b> <i>Presentation of cases of very low or positive energy urban areas and urban heating/cooling networks</i>	<b>Moderated by:</b> <b>Emilio Miguel Mitre</b>   International Affairs Director. GBC España <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>Markus Paulsson</b>   Energy Strategist and Project Manager. Lunds Kommun</li> <li>• <b>Silvia Sanjoaquin</b>   Innovation. Naturgy</li> <li>• <b>Miguel Á. García-Fuentes</b>   Head of Energy Efficiency in Buildings and Industry. CARTIF Technology Centre</li> <li>• <b>Emily Braham</b>   Head of Sustainable Energy. Nottingham City Homes</li> <li>• <b>Geert Kamminga</b>   Policy Advisor Sustainable &amp; Smart Energy. Municipality of Groningen</li> </ul>
	<b>Smart session 6   Financing cities' transformation</b> <i>Programmes in support to the transformation of cities into smarter and more sustainable environments</i>	<b>Moderated by:</b> <b>M<sup>a</sup> Eugenia Martínez</b>   Advisor for General Sub-direction of Urban Development. DG Community Funds. Ministry of Finance and Civil Service <b>Speakers:</b> <ul style="list-style-type: none"> <li>• <b>Francesc Pardo</b>   Senior Researcher. ESADE Business and Law School</li> <li>• <b>Angelo Giordano</b>   Senior Financial Adviser. Officinae Verdi</li> <li>• <b>Lydia González</b>   ES Delegate Societal Challenge 5 – H2020. CDTI</li> <li>• <b>Rubén García</b>   Head of Smart City Area. CARTIF Technology Centre</li> <li>• <b>Juan Guijaro</b>   Member of Technical Team. EnergÉtica Coop</li> </ul>
13h00	<b>Keynote speaker: cities towards the climate transition</b> Driving the energy and environment transition	<b>Mélissa Mellado</b>   Deputy Director Urban Resilience Program. VEOLIA
13h45	<b>Announcement of photo contest winner</b>	Representative from the Municipality of Valladolid
13h50	<b>Conclusion and thank you from organisers</b>	<b>Mónica Antón</b>   Strategic Innovation Manager. CARTIF Technology Centre
		<b>José M<sup>a</sup> Ribot</b>   Director of the Institute for Business Competitiveness. Castilla y León Government
14h00	<b>End of conference programme</b>	




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PROGRAMME OF TECHNICAL VISITS

TV1	Sustainable mobility actions in the city for citizens, services and logistics	Amongst the most remarkable mobility interventions from REMOURBAN project we can find CENTROLID fast charging station and the two pantographs that provide charging power to the electric buses that circulate along line 7, which are located at the first and last stops of the line. It will be possible to get first hand insight on these interventions during the visit.	 
TV2	Achieving low-carbon residential districts in the city areas of Cuatro de Marzo and FASA-Delicias	The districts "Cuatro de Marzo" and "Fasa", demonstrators of R2Cities and REMOURBAN projects will be visited. In these districts, different actions have been implemented aimed at reducing the consumption of thermal and electrical energy, retrofitting the envelope of buildings and integrating renewable energy sources and monitoring actions.	   
TV3	District retrofitting within the metropolitan area to achieve an efficient neighbourhood in Torrelago	Torrelago district is one of the three demonstration cases of the FP7 European Project, CITYFiED. During the visit, you will have the opportunity to know the executed works in order to reduce the energy demand through the envelope's renovation of the 31 blocks (140.000 sq.) which make up of Torrelago district, the new district heating network and the monitoring activities.	 
TV4	Zero energy buildings and heating networks in the University of Valladolid (to be confirmed)	The University of Valladolid has been implementing during the latest years a strong policy to reduce the consumption and emissions of its buildings and infrastructures. This visit will allow visitors knowing some of these actions, as the LUCIA building (certified LEED PLATINUM, being awarded as the most sustainable building in Europe in 2015) or the district heating network that feeds several buildings of the University.	 