

## Horizon 2020 European Dialogue and Clustering Action *Transforming cities, enhancing wellbeing: innovating with nature-based solutions*

### PLANNING

16<sup>th</sup> May 2018

Topic: "Sustainable urbanization in cities and restoration of degraded ecosystems"

17<sup>th</sup> May 2018

Topic: "Robust assessment of NBS impacts: creating the evidence base to inform urban policy-making"

18<sup>th</sup> May 2018

Topic: "Enhancing innovation potential through new governance and funding models for NBS"

<b>OPENING CEREMONY &amp; INSPIRATIONAL KEYNOTE</b> <i>European research and innovation in climate change adaption</i>	<b>INSPIRATIONAL KEYNOTE</b> <i>Towards a reference framework for nature-based solutions: challenges and opportunities</i>	<b>NATURE-BASED SOLUTIONS FINANCING AND BUSINESS MODELS FOR SUSTAINABILITY</b>
<b>CITIES SUMIT (I)</b> <i>Parallel sessions</i>	<b>IMPACTS OF NBS: DEVELOPING THE EVIDENCE BASE</b>	<b>CO-CREATION AS GOVERNANCE FOR EMBEDDING NBS IN CITIES</b>
<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
<b>CITIES SUMIT (II)</b>	<b>CITIES SUMIT (III)</b>	<b>CITIES SUMIT (V)</b>
<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>
<b>Nature - Based Enterprise Expo and Pitch Battle // Poster Exhibition</b>	<b>Nature - Based Enterprise Expo and Pitch Battle // Poster Exhibition</b>	<b>Pitch Battle Prize: "Most Promising NBE 2018" // Poster Exhibition</b>
<b>EU-BRAZIL SECTOR DIALOGUE ON NBS</b>	<b>CITIES SUMIT (IV)</b>	<b>CITIES SUMIT (VI)</b>
<b>PAVING THE WAY FOR SHARING THE EUROPEAN NBS EXPERIENCE WITH THE WORLD</b>	<b>OVERCOMING BARRIERS, ENHANCING BEST PRACTICE</b>	<b>OVERCOMING BARRIERS, ENHANCING BEST PRACTICE CLOSURE</b>
<b>OVERCOMING BARRIERS, ENHANCING BEST PRACTICE</b>	<b>EARLY CAREER WORKSHOP</b>	
	<b>EU R&amp;I TASKFORCE MEETINGS</b>	
<b>EXCURSION TO A LOCAL NATURE BASED-SOLUTION</b>	<b>A CORUÑA GUIDED CITY TOUR</b>	

# Wednesday 16th May

*Topic of the day*

TIME **SUSTAINABLE URBANIZATION IN CITIES AND RESTORATION OF DEGRADED ECOSYSTEMS**

8:00	REGISTRATION OF PARTICIPANTS
09:00- 09:30	<p><b>OPENING AND WELCOME</b></p> <p><b>Julio Abalde Alonso</b>, Rector of the University of Coruna, Spain</p> <p><b>Miguel Aymerich</b>, Deputy Director General of Natural Environment, Ministry of Agriculture and Fisheries, Food and Environment, Spain</p> <p><b>Beatriz Mato Otero</b>, Conselleira de Medio Ambiente e Ordenación do Territorio, Xunta de Galicia, Spain</p> <p><b>Xulio Ferreiro</b>, Mayor of A Coruña City Council, Spain</p> <p><b>Nikos Nikolaidis</b>, THINK NATURE, Technical University of Crete, Greece</p> <p><b>Ricardo Garcia Mira</b>, President of the International Association of People-Environment Studies, University of A Coruña, Spain</p> <p><b>Adina Dumitru</b>, CONNECTING NATURE, University of A Coruña, Spain</p>
09:30-10:00	<p><b>INSPIRATIONAL KEYNOTE</b></p> <p><i>European Research and Innovation for climate change adaption</i></p> <p><b>Josefina Enfedaque</b>, DG Research and Innovation, European Commission, Belgium</p> <p><i>Presenter: Adina Dumitru</i>, University of A Coruña, Spain</p>
10:00-11:30	<p><b>CITIES SUMMIT (I) <sup>1</sup></b></p> <p><i>Parallel sessions</i></p> <p><i>Nature-based solutions at different scales</i></p> <p><b>Anna Levonmaa</b>, City of Tampere, Finland</p> <p><b>Maria Rosario "Cherry" Chan</b>, Lafarge Holcim, Switzerland</p> <p><b>Christian Artelt</b>, European Construction, built environment and energy efficient building Technology Platform, Belgium</p> <p><b>Tom Armour</b>, Arup Landscape Architecture, United Kingdom</p> <p><i>Discussant: Denia Kolokotsa</i>, Technical University of Crete, Greece</p> <p><b>Description of the session.</b> The scope of this session to collect information about the NBS infrastructure focusing on buildings at district and city level. Specifically, the case studies should be highlighted, emphasizing in the advantages and barriers resulting from the development of NBS. It</p>

<sup>1</sup> *Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.*

should also be made clear how the NBS affected the human health and wellbeing and the global working potential.

The subtopics that will be discussed are the following: Green walls, Green roofs, Rain gardens (focusing on buildings and individual infrastructure); Meadows, Urban trees and woodlands (district level); Re-use of abandoned green and grey areas (district level); New materials for NBS: which are they and their benefits linked to the region of utilization, sustainability of materials as well as biotic materials (Plants and abiotic materials and their sustainability, especially GWP (Global Warming Potential)

**Audience targeted:** Researchers / City Planners / Market Actors & Businesses / Architects

### *The role of Cultural Heritage in renaturing cities: Learning from the past, designing for the future*

**Matthias Ripp**, Brandenburg University of Technology Cottbus-Senftenberg, Germany

**Aitziber Egusquiza Ortega**, Tecnalia, Spain

**Giovanni Fini**, City of Bologna, Italy

*Discussant:* **Sara Van Rompaey**, E2ARC, Belgium

**Description of the session.** Cultural Heritage is a key component of European cities. The scope of this Session is to highlight the importance of introducing Cultural Heritage in an integrated approach for renaturing cities. Nature Based Solutions taking into account and inspired by Cultural Heritage will be presented through different Case Studies. The co-benefits of using cultural heritage as a driving force in renaturing cities will be analysed whereas best practices as well as failure factors will be explored. Innovative approaches and recommendations towards the upscaling of NBS with respect to Cultural Heritage will be identified. All the above will be achieved through three brainstorming exercises which will allow the valuable exchange of knowledge and experiences between the participants and the invited speakers/ moderators.

The anticipated outcomes of the sessions include feedback regarding: Identification of the co-benefits of using cultural heritage as a driving force in renaturing cities; Examples of NBS case studies using Cultural Heritage in renaturing cities; Analysis of barriers (eg financial, technical, technological, legislative); Presentation of best practices; Recommendations regarding EC policy and R&I priorities

**Audience targeted:** Researchers, City planners, Architects, Landscape Architects, Representatives of local authorities, Heritage experts, Policy makers

### *Actions on the regional and local level. The role of the ThinkNature Platform and stakeholders*

**Mihai Razvan Nita**, University of Bucharest, Romania

**Zuzana Hudekova**, Bratislava Municipality, Karlova Ves, Slovakia

**Alice Reil**, ICLEI Europe, Germany

**Gillian Dick**, City of Glasgow, Scotland

*Discussant:* **Juraj Jurik**, Global Infrastructure Basel Foundation (GIB), Switzerland

**Description of the session.** The scope of this session is to collect information about how could NBS successfully proliferate at the regional and local level. More specifically, what is the pathway for systematic mainstreaming and institutionalisation of NBS and how local authorities (and others stakeholders) can best integrate these new approaches into their development plans, policies and strategies. The session also aims to explore what are the drivers and barriers to further integration of NBS.

**Audience targeted:** Researchers, City planners, Architects, Market Actors & Businesses

11:30- 12:00

COFFEE BREAK

12:00-13:30

**CITIES SUMMIT (II)<sup>2</sup>**

*Parallel sessions*

### *Innovative techniques for restoring and reclaiming rural land*

**Paula Novo**, Scotland Rural College, UK

**Heather Elgar**, West England Nature Partnership, UK

**Polona Pengal**, Revivo Institute for Ichthyological and Ecological Research, Slovenia

*Discussant:* **Steve Banwart**, University of Leeds, UK

**Description of the session.** Participants will be introduced to a few case study examples of where innovative NBS techniques have been used for restoring and reclaiming rural land. These example restoration and reclamation techniques will be practical and policy related, each with the purpose of providing co-benefits to the urban environment and inhabitants. Following this brief introduction, the session will guide participants through a structured process of: Identifying their own examples of innovative NBS techniques for restoring and reclaiming rural ecosystems; Assessing the potential of innovative NBS techniques to make an impact (e.g. through multiple co-benefits in urban areas); Exploring how demonstration projects and research & innovation can accelerate uptake; understanding policy barriers to mainstreaming.

**Audience targeted:** Researchers, City planners, Architects, Market Actors & Businesses, Policy-makers

### *Benefits of ecosystem restoration*

**Fernando Magdaleno**, Centre for Studies and Experimentation on Public Works (CEDEX), Spain

**Victor Beumer**, Deltares, Netherlands

**Veronica Ruiz**, IUCN-International Union for Conservation of Nature, Switzerland

*Discussant:* **Stavros Stgakis**, Foundation for Research and Technology, Greece

**Description of the session.** The session will include introductory talks by ecosystem restoration experts, panel discussion and brainstorming by the participants. The scope is to exchange knowledge on the benefits of NBS activities on ecosystem restoration. The state-of-the-art on the types and methods of ecosystem restoration will be presented and discussed, focussing on innovative NBS practices and specific NBS case studies. Some of the topics covered by the session will be: Best practices and exemplary NBS case studies of ecosystem restoration; Multiple benefits per NBS action and ecosystem type; Prioritization of NBS activities per region, targeting to maximum benefit; Technology readiness level and technical solutions for NBS deployment in ecosystem level; Upscaling/replication methods; Barrier identification.

**Audience targeted:** Researchers, City planners, Architects, Market Actors & Businesses, Engineers, Ecosystem management actors, Policy makers, End-users & Authorities

<sup>2</sup> *Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.*

*The role of ecosystem restoration in increasing resilience and contributing to human wellbeing*

**Peter de Ruiter**, University of Amsterdam, Netherlands

**Marco Fritz**, European Commission, Belgium

**Frederic Lemaitre**, Biodiversa, France

*Discussant:* **Nikolaos Nikolaidis**, Technical University of Crete, Greece

**Description of the session.** The scope of this session is to exchange and collect knowledge on the role of ecosystem restoration in increasing resilience and contributing to human wellbeing. In this session, 6 prepared posters will be provided with each poster representing specific groups of environmental goods and service (e.g. water regulation to mitigate flood and drought risks, climate regulation with carbon and nitrogen storage in biomass and soil, soil fertility for biomass production; water quality improvement, landscape cultural value, improve terrestrial biodiversity). The posters will have been completed with the appropriate information about NBS techniques, corresponding ecosystem services and the role of biodiversity. 2 exercises will be conducted among the participants. Actions needed for NBS to enhance ecosystem services and biodiversity and to increase resilience and wellbeing will be discussed. Moreover, the approaches and governance systems that can reinforce the capacity to innovate with NBS to develop and deploy them and to overcome trade-offs will be discussed.

**Audience targeted:** Researchers, City planners, Architects, Market Actors & Businesses, Policy-makers

13:30-14:30	<b>LUNCH</b>	
14:30-15:30	<b>Nature-based Enterprise Expo and Pitch Battle<sup>3</sup></b>	<b>Poster Exhibition</b>
15:30- 16:15	<b>EU-BRAZIL SECTOR DIALOGUE ON NBS</b>	
	<p><b>Tiago Freitas</b>, DG Research and Innovation, European Commission, Belgium</p> <p><b>Guilherme Wiedman</b>, Ministry of Science, Technology, Innovation and Communication, Brazil</p> <p><b>Cristiano Cagnin</b>, CGEE – Strategic Studies and Management Centre, Brazil</p> <p><b>Cecilia Herzog</b>, Pontifical Catholic University of Rio de Janeiro, Brazil</p> <p><b>Carmen Rosado</b>, VTT Technical Research Centre, Finland</p> <p><b>Augusto Mozine</b>, Vila Velha University, Brazil</p> <p><i>Moderator:</i> <b>Nikolaos Nikolaidis</b>, Technical University of Crete, Greece</p>	
16:15- 17:00	<b>PAVING THE WAY FOR SHARING THE EUROPEAN NATURE-BASED SOLUTIONS EXPERIENCE WITH THE WORLD</b>	

<sup>3</sup> More info about the NBExpo activities [here](#)

## PAVING THE WAY FOR SHARING THE EUROPEAN NATURE-BASED SOLUTIONS EXPERIENCE WITH THE WORLD

**Kate Reilly**, Grow Green project, IUCN-International Union for Conservation of Nature, Belgium

**Raúl Sánchez**, URBAN GreenUP project, Cartif, Spain

**Sami Kazi**, UNaLab project, VTT Technical Research Center, Finland

**Alice Reil**, Connecting Nature project, ICLEI - Local Governments for Sustainability Europe, Germany

*Moderators:* **Alice Reil**, ICLEI Europe, and **Kate Reilly**, IUCN Europe

**Description of the session.** Many local governments have over the past years and decades promoted and planned nature-based solutions (NBS) and green infrastructure in their cities and neighbourhoods. Cities that have successfully implemented NBS are recognizing nature as an effective means of adapting to impacts of climate change, regenerating city areas, having urban residents lead a healthier life and creating an urban environment well worth living in. However, cities which have not yet seen the benefits of NBS in their own city context are continuously looking for evidence that makes the case for choosing NBS rather than conventional solutions to their challenges.

The European Commission is supporting a number of large-scale projects in which European cities will employ NBS. The planning and implementation processes are subject to scientific analysis, which will feed into creating a common knowledge and evidence base, guidelines planning NBS better as well as supportive governance, business and financing models to replicate, adapt and multiply these NBS in other cities in Europe and beyond. At the same time cities beyond Europe are also gathering their experience with NBS, yet likely from a different starting point or under a different heading. All the already running NBS projects Connecting Nature, Urban GreenUP, UNaLAB as well as GrowGreen are to a varying extent looking into sharing insights gained by the European cities with cities elsewhere. These activities should also support the endeavor of the European Commission to promote NBS globally and create a market for it based on European expertise.

This session will introduce the approaches the projects take to reaching out to cities and regions around the globe and contributing to creating a global market for NBS. It will provide the space to explore the essential ingredients of such learning and sharing processes for cities as well as identify synergies between the projects to jointly use opportunities to engage in non-EU neighbouring countries, Asia as well as South America. The session participants will also discuss the challenges in setting up the international activities and potential solutions (e.g. support by the European Commission, using regional policy processes or linking up to local NBS initiatives in each country). This session will lay the foundation for shaping a unique opportunity to learn from and with European and global NBS experts in cities, businesses and academia.

**Audience targeted:** Cities involved in NBS projects, project partners, other cities and researchers interested in learning about opportunities of global outreach activities on NBS

17:00-17:30

### OVERCOMING BARRIERS, ENHANCING BEST PRACTICE

**Nick Pearce**, University of Bath, UK

*Presenter:* **Ricardo García Mira**, University of A Coruña, Spain

*Wrapping up, key messages of the day*

**Denia Kolokotsa**, Technical University of Crete, Greece

17:30-20:00

### GUIDED EXCURSION TO VISIT A LOCAL NATURE-BASED SOLUTION

*Organized by the Council of A Coruña - 3 different excursions (to select one)*

---

**1. ROUTE through the Natural Area of the Park of the Tower of Hercules.** Nature walk on foot through an area of rich biodiversity preserved safe from the city's urban development process. We will visit a wide area of cliffs and coastal vegetation, including gorse and heathers, prairies and coastal edge plants adapted to salinity and the strong marine wind. This area also is a natural lookout over the sea and some of the most interesting creatures of its surface, such as seabirds and cetaceans.

**2. ROUTE through the Eirís Park Area.** This is an area affected by industrial activity in which the adoption of NBS have allowed to recover space for biodiversity, urban gardening and leisure for neighbours and visitors. From the creation of an initial classic park, the adopted solutions have been: the recovery of a natural spring to generate a pond; the planting of chestnut trees greening an area affected by a slope generated by the construction of a road tunnel and by a buried oil pipeline; and a space specially designed for dogs.

**3. ROUTE BY BIKE along the A Coruña's seaside promenade.** 7.5 km cycling route through a blue path that runs along the most Atlantic facade of the city. It runs through the borders of the urban beaches of Orzán and Riazor. Then continues to the west part of the coast, to reach some evidence of the geological past and the variations in sea level, such as the remains of a large fossil dune, and arrives in front of the islands of San Pedro, which have a stable breeding colony of yellow-legged gull, and is a good observatory for both sedentary and migratory seabirds. This route is limited to a reduced number of participants.

---

# Thursday 17th May

Fundación Barrié, Cantón Grande, 9, A Coruña

Topic of the day

TIME **ROBUST ASSESSMENT OF NATURE-BASED SOLUTION IMPACTS:  
CREATING THE EVIDENCE BASE TO INFORM URBAN POLICY-MAKING**

8:30

REGISTRATION OF PARTICIPANTS

09:00-09:30

**INSPIRATIONAL KEYNOTE**

*Towards a reference framework for nature-based solutions: challenges and opportunities*

**David Maddox**, The Nature of Cities, USA

*Presenter: Marcus Collier*, The Nature of Cities Europe, Trinity College Dublin, Ireland

09:30-10:15

**PLENARY PANEL DISCUSSION**

*Impacts of nature-based solutions: developing the evidence base*

**Jennifer Senick**, Rutgers Center for Green Building, USA

**Kate Reilly**, IUCN-International Union for Conservation of Nature, Belgium

**Adina Dumitru**, University of A Coruña, Spain

*Moderator: Marcus Collier*, Trinity College Dublin, Ireland

10:15- 10:45

COFFEE BREAK

10:45-12:15

**CITIES SUMMIT (III)<sup>4</sup>**

*Parallel sessions*

*Synergies, trade-offs and amplifiers: Connecting Nature's participatory approach*

**Adina Dumitru**, University of A Coruña, Spain

**Stuart Connop**, University of East London, UK

**Mary-Lee Rhodes**, Trinity College Dublin, Ireland

**Gillian Dick**, Glasgow City Council, UK

*Discussant: Rafaella Lenoir*, University of A Coruña, Spain

**Description of the session: Coming Soon**

<sup>4</sup>Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.



*Nature-based solutions for leisure: what impact and for whom?*

**Agnieszka Dziubała**, Poznań City Council, Poland

**María García**, A Coruña City Council, Spain

**Angela Castrechini**, Universitat de Barcelona, Spain

*Discussant:* **Leiqing XU**, Tongji university, Shanghai, China

**Description of the session: Coming Soon**

*Creating multiple benefits for nature-based solutions for water management*

**Agnieszka Dziubała**, Poznań City Council, Poland

**Katrien van de Sijpe**, Genk City Council, Belgium

**Elena López-Gunn**, Icatelist, Spain

**Laura Wendling**, VTT Technical Research Centre, Finland

*Discussant:* **Paula Vandergert**, University of East London, United Kingdom

**Description of the session: Coming Soon**

12:15-13:15

**LUNCH**

13:15-14:15

**Nature-based Enterprise Expo  
& Pitch Battle**

**Poster Exhibition**

14:15- 15:45

**CITIES SUMMIT (IV)<sup>5</sup>**

*Parallel sessions*

*Stimulating innovation through platforms for monitoring and evaluation of nature-based solutions*

**Jonathan Porter**, OPPLA, UK

**Victor Beumer**, Deltares, Netherlands

**Peter Roebeling**, University of Aveiro, Portugal

**Marta Rica**, Icatelist, Spain

*Discussant:* **Mamuka Gvilava**, Geographic, Georgia

**Description of the session: Coming Soon**

*Innovative methods for health and wellbeing impact evaluation through nature-based solutions*

**Julie Barnett**, University of Bath, UK

<sup>5</sup>Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.

**Clare Twigger-Ross**, Collingwood Environmental Planning, UK

**Adina Dumitru**, University of A Coruna, Spain

*Discussant:* **Irina Macsinga**, West University of Timisoara, Romania

**Description of the session: Coming Soon**

### *Designing green infrastructures in Galicia: ecological and social challenges*

**Cristina García Fontán**, University of A Coruña, Spain

**Amparo Casares Gallego**, University of A Coruña, Spain

**María García**, A Coruña City Council, Spain

*Discussant:* **Isabel Lema Banco**, University of A Coruña, Spain

**Description of the session.** The scope of this session is to exchange and collect knowledge on the benefits of NBS activities on on green infrastructure, connectivity and ecosystem restoration. Different types and methods of ecosystem restoration will be presented and discussed, focussing on innovative NBS practices and specific NBS Galician successful experiences and ongoing projects on green infrastructure. The best practices and exemplary NBS case studies of ecosystem restoration include:

- Identification of multiple benefits of NBS in the city of Santiago de Compostela: (a) The restoration of a historical park in the historical center of Santiago de Compostela, with sustainable drainage systems and water management and (b) the Green Corridor that connects Bonaval Park and Almaciga park, the connectivity of the green and vegetable gardens, which play an important role in the neighbourhood relations
- The green strategy of Santiago de Compostela and Monte do Gozo's. Regeneration of a big metropolitan park that includes new functions to connect with the city and the pilgrims and where the ecological restoration and water management was implemented.
- Green infrastructure projects and challenges in the municipality of Corunna, starting with the presentation of the biodiversity map and the strategy of green infrastructure
- Green Infrastructure participatory design process promoted by the regional government of Xunta de Galicia.

**Audience targeted:** Researchers, City planners, Architects, Policy-makers

15:45-16:30

### **OVERCOMING BARRIERS, ENHANCING BEST PRACTICE**

**Andreas Littkopf**, European Environment Agency, Austria

**Juantxo López de Uralde**, former president of Greenpeace-Spain and current member of the Spanish Parliament, Spain.

*Presenter:* **Stuart Connop**, University of East London, UK

*Wrapping up, key messages of the day:*

**Adina Dumitru**, University of A Coruna, Spain

16:30-18:00

**EARLY CAREER WORKSHOP<sup>6</sup>**

16:30-19:30

**EU R&I TASKFORCE MEETINGS****Sustainable cities through nature-based solutions. From Projects to Policies****Taskforce I: "Data Management and EU NBS Knowledge Repository"***Facilitated by: Nikos Nikolaidis (TUC) and Marco Fritz (DG RTD)***Taskforce II: "NBS Impact Evaluation Framework version 2.0"***Facilitated by: Denia Kolokotsa (TUC) and Tiago Freitas (DG RTD)***Taskforce III: "Governance, Business Models and Financial Mechanisms"***Facilitated by: Steven Banwart (ULEEDS) and Julie Delcroix (DG RTD)***Taskforce IV: "Communication and NBS Branding Coordination"***Facilitated by: David Struik (ISOCARP) and Josefina Enfedaque (DG RTD)***NBS = NATURE-BASED SOLUTIONS**

19:30-21:00

**A CORUÑA GUIDED CITY TOUR***A nice walking tour around the historical part of the city*

6

More information about the Early Career Workshop [here](#).

# Friday 18th May

Fundación Barrié, Cantón Grande, 9, A Coruña

*Topic of the day*

TIME	ENHANCING INNOVATION POTENTIAL THROUGH NEW GOVERNANCE AND FUNDING MODELS FOR NATURE-BASED SOLUTIONS
8:30	REGISTRATION OF PARTICIPANTS
09:00-10:00	<p><b>NATURE-BASED SOLUTIONS FINANCING AND BUSINESS MODELS FOR SUSTAINABILITY</b></p> <p><b>Eva Mayerhofer</b>, European Investment Bank, Luxemburg  <b>Siobhán McQuaid</b>, Trinity College Dublin, Ireland  <b>Elena López Gunn, Icatalist</b>, Spain  <i>Moderator: Steve Banwart</i>, University of Leeds, UK</p>
10:00-10:45	<p><b>CO-CREATION AS GOVERNANCE FOR EMBEDDING NATURE BASED SOLUTIONS IN CITIES</b></p> <p><b>Niki Frantzeskaki</b>, Dutch Research Institute for Transitions, Netherlands  <b>Katrien van de Sijpe</b>, Genk City Council, Belgium  <b>Marino Cavallo</b>, Città Metropolitana di Bologna, Italy  <b>Alice Reil, ICLEI - Local Governments for Sustainability</b>, Germany  <i>Moderator: Marleen Lodder</i>, Dutch Research Institute for Transitions, Netherlands</p>
10:45- 11:15	COFFEE BREAK
11:15-12:45	<p><b>CITIES SUMMIT (V)<sup>7</sup></b></p> <p><i>City-led solutions to financing nature-based solutions and business models for sustainability</i></p> <p><b>Representative of London City</b>, UK  <b>Representative of the Tampere City Council</b>, Finland  <b>Representative of the city of Nice/Montpellier</b>, France  <i>Discussant: Siobhan McQuaid</i>, Trinity College Dublin, Ireland  <b>Description of the session.</b> Looking through the lens of municipalities, this session will look</p>

<sup>7</sup>Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.

specifically at financing and sustainable business models for NBS. 3 cities (or project partners) will present their experiences with different business models for NBS:

- Barking Riverside in London will present their experience with the CIC business model and look objectively at the challenges faced versus benefits accrued.
- Two medium-size cities will present their experience of finance and business models for NBS sustainability.

The session will then split up into smaller groups led by the city presenters (supported by their project colleagues) looking in more detail at challenges and recommendations for improving practices in building sustainable business models for NBS.

**Audience targeted:** Researchers, City planners, Architects, Policy-makers

### *Climate change and mitigation “by Nature”: co-creating nature-based solutions for sustainable urban quality and well-being*

**Emeline Bailly, Dorothée Marchand & Raphael Jean**, Centre Scientifique et Technique du Bâtiment, France

**Marc Barra**, Paris Region, France

**Ricardo García Mira**, University of A Coruña, Spain

**Discussants: Ricardo García Mira & Marc Barra**

**Description of the session.** After a short presentation of the stakes issue from some climate change examples “by Nature”, we would like to question the issues related to CCAM according to its interactions with ecology, urban quality and well-being. This session will identify the key topics and problematical for the next Paris forum in april 2019.

**Transitions towards sustainable lifestyles: governance and knowledge co-production, Ricardo García Mira**, University of A Coruna, Department of Psychology. This presentation is focused in two aspects. On the one hand, the transition to a sustainable lifestyle requires important urban transformations whose main goal is to guarantee an increase in the efficiency of resource management, an improvement in the quality of life and greater environmental resilience. The adaptation of cities is a priority in this context, where we need to think about the most appropriate models, strategies and governance patterns, reflecting on how power constellations work and how to involve civil society organisations more. On the other hand, it is urgent to highlight the importance of researchers, citizens and politicians jointly contributing to the creation of knowledge; this also challenges universities, by reinforcing the link between research and politics, while reinforcing the idea of transforming cities into more sustainable places to live. Close collaboration with citizens, professionals and politicians is characteristic of transdisciplinary research which seeks to guarantee the relevance and transfer of research results to society.

**Nature as a solution for climate change mitigation and adaptation in Paris region, Marc BARRA**, urban ecologist, Agency for biodiversity Paris region Planning and Development Institute. Climate change and biodiversity loss in urban areas is a reality. Urban ecology provides us knowledge and solutions to maintain or restore green infrastructure within cities. This presentation will focus on climate change in Paris region and show how nature based solutions can be developed by local actors and mainstreamed in public policies, urban planning, architecture, or green spaces management.

**Audience targeted:** Researchers, City planners, Architects, Policy-makers

### **Pushing boundaries in city-making: indicators for transformative organizations**

**Irina Macsinga**, West University of Timisoara, Romania

**Coralia Sulea**, West University of Timisoara, Romania

*Discussant: Irina Macsinga, West University of Timisoara, Romania*

12:45-13:45	<b>LUNCH</b>	
13:45-14:15	<b>Pitch Battle Prize: "Most Promising NBE 2018"<sup>8</sup></b>	<b>Poster Exhibition</b>
14:15- 15:45	<b>CITIES SUMMIT (VI)<sup>9</sup></b>	

***Innovation in nature-based solutions: The Adaptation Support Tool (AST)***

**Ellie Tonks**, Climate-KIC, Germany

**Victor Beumer**, Deltares, Netherlands

*Discussant: Ellie Tonks*, Climate-KIC, UK

**Description of the session**

**Climate-KIC** works on transformative, systemic innovation that involves many connected innovations developing in parallel to trigger wholesale systemic change. We aim to take good ideas, products or services from niche to mainstream to reach a tipping point and create maximum impact. Climate-KIC will first discuss its ambitions for co-creating innovation to enable the rapid upscaling of nature-based solutions within cities.

The **Adaptation Support Tool (AST)** – an interactive touch table used in design workshops to assess the effectiveness and costs of differing adaptation interventions – will then be presented by **Deltares**. Urban planners, landscape architects, water managers, civil engineers, and other local stakeholders can use the AST to assess 62 blue-green measures for ecosystem-based adaptation within a site-specific context. Real-life applications of the AST will be presented during the session to understand how the tool has already supported urban developers, for example in the Chota district of Beira, Mozambique or the reconstruction of the Centre-West area of Utrecht.

The **aim of the session** is to then have a 60-minute workshop on the future of the AST (an open source tool). We want to hear from participants on whether they have used similar tools, what goals the AST does and does not meet for cities and urban planners, how may it be expanded, and who has the technical expertise and knowledge to expand it? We hope to bring along a transportable table so that participants can have a firsthand experience with the AST. Deltares developed the AST in close cooperation with Alterra Wageningen UR and Bosch Slabbers Landscape Architects as part of the Climate KIC project Blue Green Dream.

**Audience targeted:** Organisations and/or individuals to help further develop the AST (technical backgrounds); Cities for piloting, providing valuable feedback, and proposing next steps for the tool; Urban planners, landscape architects, water managers, civil engineers for providing valuable feedback, and proposing next steps for the tool

***Innovative methodologies for continuous monitoring and support of the evaluation of nature based-solutions***

**Mattia Marconcini**, Deutsches Zentrum für Luft- und Raumfahrt e.V., Germany

<sup>8</sup> More info [here](#)

<sup>9</sup> Cities Summit parallel sessions consist of 45 minutes of presentations and 45 minutes of discussion with participants.

*Discussion*

**Catharina Bamps**, EU Copernicus, Belgium

*Discussant:* **Nektarios Chrysoulakis**, Foundation for Research and Technology, Greece

**Description of the session: Coming Soon**

15:45-16:15

### OVERCOMING BARRIERS, ENHANCING BEST PRACTICE

**José Juan Díaz Trillo**, President of the Climate Change Commission, Spanish Parliament

**Xosé Manuel Silva Rodríguez**, former European Commission's Director General for Research and Innovation, Spain

**María Garcia Gomez**, Environmental Division, A Coruña City Council, Spain

*Moderator:* **Ricardo García Mira**, University of A Coruña, Spain

*Wrapping up, key messages of the day:*

**Niki Frantzeskaki**, Erasmus University Rotterdam, Netherlands

*Next steps: roadmap for action:*

**Adina Dumitru**, University of A Coruña, Spain

## ORGANIZERS

Event Coordinators: **Dr. ADINA DUMITRU** and **Dr. RICARDO GARCÍA MIRA**

Technical Secretariat: **ISABEL LEMA BLANCO**

The Horizon 2020 “European Dialogue and Clustering Action: Transforming cities, Enhancing Wellbeing: Innovating with Nature-Based Solutions” is a joint initiative of:



## FUNDERS



## WITH THE COLLABORATION OF







Horizon 2020  
European Union funding  
for Research & Innovation

