

# SUGI FWE Nexus projects final event

*JPI Urban Europe, Belmont Forum and European Commission welcome all projects funded in the SUGI (Sustainable Urbanisation Global Initiatives) Food-Water-Energy Nexus call, representatives from involved funding agencies and interested partners and stakeholders to a final event. Listen to projects results and come together to share knowledge and insights and to discuss topics across projects!*



*Day one, March 22, is open to external guest while day two, March 23, is an exclusive opportunity for the SUGI implementation team to start synthesis results, shape the SUGI legacy and receive feedback from project for future program activities in future calls.*

## Date and time

March 22, 13.00-16.00 (UCT)  
Open to guests by invitation only

March 23, 13.00-16.00 (UCT)  
Exclusive to SUGI FWE projects  
and JPI Urban Europe and  
Belmont Forum funding agencies

## Location

Online event (Zoom). Link will be  
provided after registration

Register no later than March 15  
here [SUGI FWE Nexus final event  
\(invitation only\) | JPI Urban  
Europe \(jpi-urbaneurope.eu\)](#).

## Target groups

SUGI FWE Nexus projects  
Belmont Forum & JPI Urban  
Europe funding agencies  
Representatives from European  
Commission  
Stakeholders and partners from  
cities

## Day 1 | 22 March

### 13.00 Welcome and introduction

Moderator: Mari Solerød, Chair of JPI Urban Europe Governing Board opens the meeting

- Introduction to the SUGI Food-Water-Energy Nexus projects' final event by the moderator
- Welcome from representatives from JPI Urban Europe, Belmont Forum and European Commission
- Warm-up exercise led by the moderator

## 13.15 Setting the scene

A conversation on how to make sense of the FWE Nexus approach.

- Daniela Melandri, co-ordinator of the SUGI FWE initiative
- Jonas Bylund, member of the Expert committee of innovation and impact delivery (ECIID)
- Cornelia Forsthuber, Urban Future/City Changers

## 13.25 SUGI FWE Project results

Three minutes' speed presentations from SUGI FWE projects

### Group 1

- **Waste FEW ULL** - Waste Food-Energy-Water Urban Living Labs
  - Susanne Charlesworth – Coventry University
- **Creating Interfaces** - Building capacity for integrated governance at the food-water-energy-nexus in cities on the water.
  - Pia Laborgne - European Institute for Energy Research
- **M-Nex** - Design-led urban food, water, and energy management innovation in new boundary conditions of change
  - Wanglin Yan – Keio University
- **FUSE** - Food-water-energy for Urban Sustainable Environments
  - Bernd Klauer – Helmholtz Centre for Environmental Research – UFZ
- **ENLARGE** - Enabling large-scale adaptive integration of technology hubs to enhance community resilience through decentralized urban FWE nexus decision support
  - Ni-Bin Chang – University of Central Florida
- **SUNEX** – Sustainable Urban FWE Nexus
  - Ali Hainoun – AIT Austrian Institute of Technology GmbH

### Group 2

- **CITYFOOD** - Smart integrated multitrophic city food production systems – a water and energy-saving approach for global urbanisation
  - Gösta Baganz - Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)
- **FEW Meter** - An integrative model to measure and improve urban agriculture towards circular urban metabolism
  - Lidia Ponizy - Adam Mickiewicz University in Poznań, Poland
- **GLOCULL** - Globally and LOcally - sustainable food-water-energy innovation in Urban Living Labs
  - Joop de Kraker – Maastricht University
- **IN-SOURCE** - INtegrated analysis and modelling for the management of sustainable urban FWE ReSOURCES
  - Volker Coors – HTF Stuttgart
- **IFWEN** - Understanding Innovative Initiatives for Governing Food, Water and Energy Nexus in Cities
  - Jose Oliveira - FGV - Fundação Getulio Vargas
- **Urbanising in place** - Building the Food-Water-Energy Nexus from Below
  - Chiara Tornaghi – Coventry University
- **CRUNCH** - Climate Resilient Urban Nexus CHoices: operationalising the Food-Water- Energy Nexus
  - Thomas Spiegelhalter - Florida International University in Miami

## 14.20 Break

### 14.30 Break-out sessions exploring SUGI FWE Nexus project results

Participants split up in five thematic parallel sessions to listen and discuss projects results and outcomes. 10 mins' project presentations from each project are followed by a moderated discussion.

#### Group 1: FWE Nexus food profile - Capacity-building and circularity

- **IFWEN** - Understanding Innovative Initiatives for Governing Food, Water and Energy Nexus in Cities.
  - Jose Oliveira – FGV - Fundação Getulio Vargas
- **Creating Interfaces** - Building capacity for integrated governance at the food-water-energy-nexus in cities on the water.
  - Pia Laborgne – European Institute for Energy Research
- **Urbanising in Place** - Building the Food-Water-Energy Nexus from Below
  - Michiel Dehaene – Ghent University

Moderator: Jonas Bylund, ECIID, JPI Urban Europe Management board

Facilitator: Johannes Riegler, JPI Urban Europe Management Board

#### Group 2: FWE Nexus knowledge platform

- **FEW-Meter** - An integrative model to measure and improve urban agriculture towards circular urban metabolism
- **METABOLIC** - Intelligent Urban Metabolic Systems for Green Cities of Tomorrow
  - Luis Rodríguez - University of Illinois Urbana-Champaign & Fi-John Chang - National Taiwan University
  - Fi-John Chang - National Taiwan University
- **WASTE FEW ULL** - Waste Food-Energy-Water Urban Living Labs
  - Daniel Black - Daniel Black + Associates

Moderator: Marta Smagacz-Poziemska, Jagiellonian University, ECIID

Facilitator: Elena Simion, JPI Urban Europe Management Board

#### Group 3: FWE Nexus food profile - Decision-making support

- **CRUNCH** - Climate Resilient Urban Nexus CHOICES: operationalising the Food-Water- Energy Nexus
  - Joanna Bach-Glowinska - Gdansk University of Technology
- **CITYFOOD** - Smart integrated multitrophic city food production systems – a water and energy-saving approach for global urbanisation
- **GLOCULL** - Globally and LOcally - sustainable food-water-energy innovation in Urban Living Labs

Moderator: Susanne Bieker, Fraunhofer ISI, ECIID

Facilitator: Urša Novak, ARRS

#### Group 4: FWE Nexus energy profile

- **SUNEX** - Sustainable Urban FWE Nexus
  - Ali Hainoun – AIT Austrian Institute of Technology GmbH
- **IN-SOURCE** - INtegrated analysis and modelling for the management of sustainable urban FWE ReSOURCES

- Volker Coors – HFT Stuttgart
- **M-NEX** - Design-led urban food, water and energy management innovation in new boundary conditions of change
  - Wanglin Yan – Keio University

Moderator: Faten Attig-Bahar, University of Carthage, Tunisia Polytechnic School, ECIID

Facilitator: Anthony Pantaleo, UKRI

#### Group 5: FWE Nexus greening and land-use profile - Urban Living Labs and participatory model building for communities

- **Vertical Green 2.0** - Vertical greening for liveable cities – co-create innovation for the breakthrough of an old concept
  - Karin Hoffmann – Technische Universität Berlin (TBC)
- **FUSE** - Food-water-energy for Urban Sustainable Environments
  - Bernd Klauer – Helmholtz Centre for Environmental Research - UFZ
- **ENLARGE** - Enabling large-scale adaptive integration of technology hubs to enhance community resilience through decentralized urban FWE nexus decision support
  - Edo Abraham – TU Delft

Moderator: Katharina Gugerell, University of Natural Resources and Life Sciences, Vienna, ECIID

Facilitator: Evelyn Echeverria, Juelich (PtJ)

### 15.30 Panel discussion: What can be the SUGI legacy for urban transition?

Panelists:

- Ugo Guarnacci, Project Adviser, European Commission
- Margit Noll, Chair of JPI Urban Europe Management Board
- Nicole Arbour, Executive Director of Belmont Forum
- Erica Key, Future Earth, Director of Future Earth US Hub, Chair of the ECIID group

Moderator: Mari Solerød, Chair of JPI Urban Europe Governing Board

### 15.55 Wrapping up and end of first day

Final words from the moderator Mari Solerød

## Day 2 | 23 March

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### 13.00 Welcome and introduction to second day

**Moderator** Daniela Melandri, UKRI, coordinator of the SUGI FWE Nexus initiative (TBC) opens the meeting and gives a recapitulation of main outcomes from discussions from first day

- Outlook towards Mission on Cities and related activities in the European research framework Horizon Europe, Maria Yeroyanni, Senior Expert Innovating Cities, European Commission

## **13.15 Parallel sessions**

### **1) Break-out sessions with synthesis across projects**

Participants can choose to join a session jointly prepared and moderated by SUGI FWE projects in collaboration. Sessions aim to take first steps to define key messages and insights from SUGI projects experiences to form the SUGI FWE Nexus legacy. Topics will be announced in the morning and participants to join by preference. Sessions are facilitated by members of SUGI implementation team

### **2) Break-out session – Project outputs, outcomes, and impacts**

Participants can also choose to join one of three break-out sessions to discuss outputs, outcomes and impacts from projects. The dialogue is structured along three scales/orders i.e. project context, close to project context and beyond project context. This session will also define key messages and insights from SUGI projects experiences to form the SUGI FWE Nexus legacy.

Sessions are moderated by members from the ECIID.

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## **14.15 Break**

## **14.30 Shaping the SUGI Nexus Legacy**

Reporting back from break-out sessions on key insights and take aways from SUGI FWE Nexus projects and initiatives and continued dialogue building on discussions and outcomes from first day.

## **15.00 Looking ahead**

Remaining activities in the SUGI FWE Nexus final year

- Communication activities and events, Katarina Schylberg, JPI Urban Europe Management Board
- Reporting, Johannes Bockstefl, FFG

Future funding opportunities

- The European Partnership Driving Urban Transitions to a Sustainable Future, Margit Noll, Chair of DUT Management Board
- Belmont Forum and Future Earth coming programs and calls, Nicole Arbour, Executive Director of Belmont Forum & Erica Key, Future Earth, Director of Future Earth US Hub, Chair of the ECIID group

## **15.25 Joint reflections on the SUGI FWE Nexus initiative programme activities**

SUGI implementation team and SUGI projects reflect over the SUGI FWE NEXUS initiative and activities for the benefit of future program activities for future calls using MENTI.

## **15.50 Wrapping up SUGI projects' final event**

Final words from the moderator Daniela Melandri

## **16.00 Optional meet and greet with the funding agencies**

An opportunity for SUGI projects to meet national funding agencies to sort out final issues.