



EXPO  
2020  
DUBAI  
UAE



OFFICIAL PARTICIPANT – EUROPEAN UNION

## EU GREEN DEAL

RESEARCH AND INNOVATION AS A DRIVER TOWARDS CLIMATE NEUTRALITY

#EUatEXPO

Expo 2020 Dubai, UAE  
October 3-4, 2021  
Sweden Pavilion, Expo 2020 Dubai  
Sustainability District



The event is facilitated by

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## Concept Note

Becoming the world's **first climate-neutral continent by 2050** is a once in a lifetime opportunity to modernise the EU's economy and society and re-orient them towards **a just and sustainable future**. The **European Green Deal is our roadmap for this transformational change**, by turning climate and environmental challenges into opportunities across all policy areas and making the transition just and inclusive for all.

**Research and innovation** are key to fostering new technologies and spreading successful sustainable solutions and disruptive innovation across Europe and the world. The EU's research and innovation programmes and initiatives provide powerful instruments and innovative governance. If coupled with financial instruments, they can drive the necessary systemic changes to reach climate neutrality and ensure an inclusive ecological and sustainable transition.

This EU event is organised in the framework of Expo 2020 Dubai and it aims to **highlight the EU's excellence in research and innovation as a tool towards climate neutrality and sustainability, and the EU's ambition of cooperating with partners toward the achievement of this global goal**.

The high level event will bring together policy makers and innovators from the EU and the world to:

- Present the new EU research and innovation programme (Horizon Europe) and a main multilateral initiative, called Mission Innovation that the EU is presently co-chairing to drive the Climate transition globally.
- Show case projects and breakthroughs that already help deliver the European Green Deal objectives and climate neutrality, including in partnership with Mission Innovation members.
- Discuss the success factors and the expectations from international Innovation cooperation initiatives, such as Mission Innovation.

The event is organised by the **European Commission**, and it is hosted at the **Sweden Pavilion, Expo 2020 Dubai**.

The event will also host a dedicated EU Projects' Networking village during October 3-4 October.

**High-level discussion: October 4, 2021**

**Projects' Networking Village: October 3-4, 2021**

For registration and more info, visit: <http://eu-green-deal-2020-research.eugcc-cleanergy.net>

## PART 1: HIGH-LEVEL DISCUSSION, MONDAY 4 OCTOBER 2021 [Draft Agenda]

*Some speakers and the speaking order are to be confirmed. Times are noted in local UAE timezone GST*

### 10:00 Opening Ceremony

- Welcome by **H.E. Andrea Matteo Fontana**, EU Ambassador to the UAE
- **H.E. Mariya Gabriel**, EU Commissioner for Innovation, Research, Culture, Education and Youth (online)
- **H.E. Dr. Sultan Al Jaber**, Minister of Industry and Advanced Technology in the U.A.E (tbc)
- **H.E. Krister Nilsson**, State Secretary to Minister for Foreign Trade and Nordic Affairs, Sweden or Minister of energy and Digitalisation (tbc)
- **H.E. Jan Budaj**, Minister of Environment, Slovak Republic

**Keynote speech: Dr. Hannah Neumann**, Member of the European Parliament, Chair of Delegation for Relations with the Arab Peninsula

10:50 Coffee Break

### 11:10 Session 1: The EU Green Deal and its international dimension

**Moderator: Patrick Child**, Deputy Director-General for Research and Innovation, European Commission

- **Gauri Singh**, Deputy Director-General of IRENA, International Renewable Energy Agency
- DG Clima, European Commission (tbd)
- **Maria Cristina Russo**, European Commission, Directorate-General for Research and Innovation, Director - Global Approach & International Partnerships
- **Dr. Rémy Kolessar**, Swedish Energy Agency, Deputy Director-General, Head Research, Innovation, and Business Development Department

Discussion

### 12:00 Session 2: Panel discussion on financing innovative solutions for Green Transition

**Moderator: Anna Krzyzanowska**, European Commission, Directorate-General for Research and Innovation, Adviser "Mission Innovation"

- **Stéphane Ouaki**, Head of Department EIC, European Innovation Council and SME's, Executive Agency
- **Anne Mettler**, Breakthrough Energy (online)-
- Representative of Dubai Green Fund (tbc)
- **Peter Terium**, Managing Director of Energy, Water, and Food. NEOM (tbc)
- **Annika Ramsköld**, Vice President for Sustainability, Vattenfall
- **Shiva Dustdar**, Head of Division, Innovation Finance Advisory, European Investment Bank (online)

13:00 Lunch Break

**14:15 Keynote presentation: Patrick Child**, Deputy Director-General, DG RTD  
Mission Innovation as a multilateral initiative in support of the EU Green Deal

### 14:30 Session 3: From missions to actions: an innovation journey

**Moderator: Jennie Dodson**, Head of Mission Innovation secretariat

- Mission Innovation Champion – EU
- **Bart Biebuyck**, Executive Director, Fuel Cells and Hydrogen Joint Undertaking, Hydrogen Valley Platform
- **Dr. Efthymia Alexopoulou**, Centre of Renewable Energy Sources and Savings (CRESS), Greece, GOLD Project
- **José M. Serra**, Research Professor, Instituto de Tecnología Química, ITQ (UPV-CSIC), Spain, eCOCO2 Project
- **Giampaolo Manzolini**, Associate Professor of "Energy and Environmental Systems", School of Industrial Engineering, Politecnico di Milano, Italy, DESOLINATION Project

Discussion

**16:00 – 16:15 Closing remarks** [EU Ambassador to the UAE]

## PART 2: NETWORKING VILLAGE, SUNDAY 3 AND MONDAY 4 OCTOBER 2021

The event will host at the same area a dedicated EU projects' Networking Village

The EU is hosting in Sweden Pavilion, Expo 2020 Dubai a Networking Village featuring EU funded projects of outstanding value that contribute to the objectives of the EU Green Deal.

The Networking Village is open to the public (preregistration is required) on October 3. On October 4 it is open to the workshop participants.

Visit the networking village to see the projects, understand their value, results, and impact, meet the people and network with other clean energy stakeholders. Some of the confirmed EU funded projects at the Networking Village include:



Mission Innovation  
Hydrogen Valley  
Platform



Building - Integrated  
photovoltaic  
technologies and  
systems for large-scale  
market deployment



Direct  
electrocatalytic  
conversion of CO<sub>2</sub>  
into chemical energy  
carriers in a co-ionic  
membrane reactor



DEmonstration of  
concentrated SOLar  
power coupled with  
advANced desAlinaTion  
system in the gulf  
regION



Bridging the gap  
between  
phytoremediation  
solutions on Growing  
energy crOps on  
contaminated LanDs and  
clean biofuel production



Enabling Future Arrays  
in Tidal



Selective CO<sub>2</sub> conversion to  
renewable methanol through  
innovative heterogeneous  
catalyst systems optimized  
for advanced hydrogenation  
technologies (microwave,  
plasma and magnetic  
induction).

### NOTE

Covid-19 rules and restrictions apply for this event.

Due to fact that the event is taking place in indoor environment, to ensure safety and facilitate networking, participants are required to have negative PCR test within 72h of arrival at the event or vaccination certificate or Covid-19 recovery certificate.

More information will be available soon.