



## Green - Digital Innovation days at the Slovenian House at Dubai EXPO City

Provisional Agenda:

### Day 1: 5th December 2023 - Energy & Circular Economy

**9.30 – 10.00 Welcome addresses by organizers**

**10.00 – 12.30 SLOVENIA'S HYDROGEN HIGHROAD: INNOVATE, ILLUMINATE, INSPIRE**

**10.00 – 10.05 Opening Remarks**

- Representative of Ministry of Economy, Tourism and Sport (tbc)

**10.05 – 10.15 Overview of Hydrogen Policy Landscape in Slovenia**

- Key strategies and policies implemented by the Slovenian government to promote the hydrogen sector – Representative of Ministry of Environment, Climate and Energy (tbc)

**10.15 – 10.35 Driving Progress: Exploring Hydrogen Technology Breakthroughs and (Start-up) Real-World Initiatives in Slovenia**

- Advances in Hydrogen Technology in Slovenia – Matjaž Knez, Professor, University of Maribor, Faculty of Logistics
- Cultivating Hydrogen Start-ups and SMEs: The Power of Partnership – Jernej Pintar, Director, Technology Park Ljubljana

**10.35 – 11.40 The Significance of Strengthening Global Collaboration for Hydrogen Integration in Industry: A UNIDO Case Study**

- Introduction to the UNIDO Global Programme for Hydrogen in Industry and its Global Partnership – Petra Schwager, UNIDO (tbc)

#### **10.40 – 11.10 Showcasing Best Practices in the Hydrogen Entrepreneurship, Education and Ecosystem Development in Slovenia**

- Entrepreneurship: Recatalyst and RENN Solutions
  - Tomaž Bizjak, Director ReCatalyst
  - Sašo Brus, Director, RENN Solutions
- Education: H2Student
  - Aleksander Gerbec, Director, ECUBES
- Ecosystem: North Adriatic Hydrogen Valley
  - Aleksander Gerbec, Director, ECUBES

#### **11.10 – 11.45 Roundtable Discussion: Opportunities and Challenges for Start-ups, Scale-ups, and SMEs in the Hydrogen Sector**

- Maja Tomanič Vidovič, Director Slovene Enterprise Fund
- Matjaž Knez, Professor, University of Maribor, Faculty of Logistics
- Tomaž Bizjak, Director ReCatalyst
- Sašo Brus, Director, RENN Solutions
- Aleksander Gerbec, Director, ECUBES

#### **11.45 – 11.50 Closing Remarks**

- Slovene Enterprise Fund

#### **11.50 – 12.30 Networking Session**

### **13.00 – 15.00 NEXT GENERATION OF GREEN TECH IS CIRCULAR**

#### **13.00 – 13.30 Keynote addresses**

- Keynote 1: Circular Slovenia: a national, strategic approach, SRIP – Circular Economy – SRIP – Circular Economy
- Keynote 2: Strengthening of the value chain: Deep Demonstration in Slovenia – Climate KIC, Bart Stegeman
- Keynote 3: Best practices in CE – BIM Real Madrid – Santiago Bernabeu Stadium

#### **13.30 – 14.15 Circular economy best practice presentations**

- Digital infrastructures for mineral raw materials and reuse of construction waste – Result
- Keeping an Eye on the Air with Aerosol Magee Scientific instruments: Air Quality Monitoring for a Healthier Environment – Mateja Forštnarič, CEO, Aerosol / Aerosol Magee Scientific
- Digital Product passport – Rok Cajzek, CEO, GIC Gradnje Slovenia (tbc)
- Nigrad, Demo site – use of SRM in construction (tbc)
- Plastika Skaza (tbc)

#### **14.15 – 15.00 PANEL DISCUSSION: Transitioning to Circular Economy: Do's and don'ts from Slovenia**

- *Moderator: Nina Meglič, coordinator of SRIP – Circular Economy*
- Rok Capl, Acting Director of SPIRIT Slovenia
- MaasVentures: Sunny Jiang
- SIJ (tbc)
- Helios TBLUS (tbc)

#### **15.00 – 16.00 Ener-tech for greening the environment:**

- *Moderator: Nena Dokuzov*

### **Keynote: Presentation of Interreg Central and Eastern Europe**

- Battery monitoring & Energy Efficiency in Data Centres, Devid Palčič, Robotina
- Marketplace for renewable energy trading – SunContract
- Energy Tokenization: Decentralized Production, Consumption & Exchange, Blockchain for Good: Jeanne Bloch
- Carbon trading system and Emission trading system in Europe and worldwide – representative of Korea
- ETS reporting – Špica (Dario) / in5th (Grega Jerkič)
- Presentation of UNEP report – Jane Thomason

### **16.00 – 16.45 Sustainable finance**

- *Moderator: Nena Dokuzov*
- Palmatrix: Jernej Vrčko
- GIZ: Bjorn Soren Giegler
- Infynit: Ritesh Jain
- Maha Al Saadi

### **17:00 – 19:00: partner session**

#### **17:00 – 18:00**

- **Keynote Presentation: AstroCool: Combating Global Warming with Moon Dust in Orbit:**  
An alternative method to mitigate global warming by mining lunar dust and launching it into a sunward orbit using centrifugal launchers and droid satellites.
- **David Chaumm Blockchain Pioneer**  
Inventor of privacy-enhancing technologies including mix nets, blind signatures, and multiparty computation. He currently leads xx network, a private and quantum-secure decentralized messaging and payment platform.
- **ESA Space solutions** – Space for Olympic games (LA)

## Day 2: 6th December 2023 - Sustainable Transportation and Cities of the future)

### 9.00 – 9.30 Press Conference at Blue zone by Climate Chain Coalition

**SUSTAINABLE TRANSPORT EVENT** - Slovenian house (ex-EXPO pavilion) at DUBAI EXPO CITY  
– Green zone (sustainability area)

**10:00 – 10:10** opening remarks by the Slovenian Representative

**10:10 – 10:20** opening remarks by UAE Representative

**10:20 – 10:30** Success Story in Sustainable Transportation: Slovenian – Austrian Partnership: ASFINAG presentation: “Green Smart Highways and Cross-Border Autonomous Vehicle Corridors”

**10:30 – 10:45** Chairman of the Dubai Police; Title: "Policing Green Roads: Dubai Police's Commitment to Sustainable Mobility"

**10:45 – 11:00** Chairman of the TGA Saudi Arabia; Title: "The Green Corridor: Integrated Public Transport for a Sustainable Future"

**11.00 – 11.10** Dubai Police department in Saudi Arabia (TBC)

**11:10 - 12:00** Roundtable with Slovenian Sustainable Transportation Champions

- Moderator: Nena Dokuzov:
- AIR: CAstral
- WATER: PODKRIZNIK – world’s winning electric boat
- ROAD: EV Charging infrastructure, Devid Palčič, Robotina
- POWER: HIDRIA – electric batteries
- AIR: PIPISTREL – world’s first electric aircraft

**METaverse: AV LIVING LAB – world’s first AI metaverse driving simulators**

**12:00 -12:10** Closing Remarks by the Slovenian Ambassador

### **CITIES OF THE FUTURE (Smart Cities and Communities and Cities towards NetZero)**

**13.00 – 14.30 Cities of the future – tech solutions of sustainable cities** - Slovenian house (ex-EXPO pavilion) at DUBAI EXPO CITY – Green zone (sustainability area)

Presentations of:

- City of Los Angeles, USA
- City of Dubai, UAE
- City of Milan, IT
- City of Ljubljana, SI – T-2 Solution, Gašper Žerovnik
- City of Berlin, DE (Horst Weidenmuller, !K7)
- City of Klagenfurt, AT

Roundtable – how can advanced tech solutions contribute to the sustainable cities of the future:

- GAIA-X data space coordination: Smart Cities and Communities: Andreja Lampe
- Tokenized Land registry: Blocksquare: Makram Hani
- Tokenized smart transport in India: Jose Jacob K.
- Digital twin for cities with AI application: Institute Jozef Stefan: Marko Grobelnik

**16.45 – 17.30 Event at Digital Innovation stand – COP28 Blue Zone**

**16.00 – 20.00 session co-organized with MCH Global and Future Blockchain Summit** - Slovenian house (ex-EXPO pavilion) at DUBAI EXPO CITY – Green zone (sustainability area)

## **16.00 – 17.00 Creative industries and Digital Art for Climate**

### **Edutainment and Knowledge Transfer on the way to Sustainability**

- Tonia Damvakeraki, Country Expert, EU blockchain Observatory and Forum
- Mariana De La Roche Wills, INATBA
- Matt Vidmar, Founder; Group Chairman and Strategy Director, TVCDN
- Christina Stevens, President, Captain Planet Foundation, UN ECOSOC Advisor and Award Winning Author & Filmmaker
- Malak trabelsi – Loeb, Vernewell Academy

## **17.00 – 19.00 Interactive workshop: Music and Popular Culture for Soft Power Changing Perspectives on Climate Change.**

The Garibay Institute focuses on art, creativity, entertainment, film, gaming, and music as an instrument for soft power, cultural identity and patrimony, intellectual renaissance, and sustainable economic growth. The Garibay Institute unites global leaders, best in-class universities, financial institutions, and influencers/key opinion leaders with elite members of the creative class to catalyze innovation, empower dialogue, and cultivate engaged and inspiring icons of the future.

**Workshop Leader: Fernando Garibay, Principal, Garibay Institute,** *Fernando is a Grammy Award-winning music producer of Lady Gaga's album 'Born This Way' and served as the Musical Director her tour 'Born This Way Ball'. Artists he has produced for include U2, Whitney Houston, Britney Spears, Enrique Iglesias, Bruno Mars, Sia, Kylie Minogue, and Shakira. He is a former executive at Interscope Records and a lecturer at Harvard University, Harvard Business School, Harvard Medical School, M.I.T., Stanford University.*

## **19:00 – 21.00 Music, Art and Creativity**

Panel Discussion and Performances by Fernando Garibay, Beatie Wolf and DJ Alok  
*Host & Moderator: Ralph Simon, CEO, Mobilium*

**19.00 – 21.00 Reception at the Slovenian house** - *(ex-EXPO pavilion) at DUBAI EXPO CITY – Green zone (sustainability area)*

**DAY 3: 7th December 2023 - Sustainable solutions in the water sector – event in the co-organization with AWS** – Slovenian house (ex-EXPO pavilion) at DUBAI EXPO CITY – Green zone (sustainability area)

**10.00 – 12.30**

1. AWS cloud technology & water demonstration, potentially including a video case study
2. Water & AI panel with government and industry speakers - Marko Grobelnik, IRCAI
3. AWS announcement of Water Tech Acceleration Lab

**13.00 – 15.30 Cross border interoperable infrastructures as a tool to support sustainable solutions – in cooperation with DWTC:**

- European Digital infrastructure Consortia (EDIC – EBSIC): Nena Dokuzov
- Important projects of Common European Interest – Common Data Infrastructure and Services
- Cross-border collaboration through Geo Location: Gaia-X: (tba), Samer Bishay, DeWi, Alexandre Caldas, UNGGIM
- Global cross border interoperable infrastructures: Miroslav Polzer, GloCha-IAAI; climate chain Coalition, Bjorn Soren Giegler, GIZ
- Digital infrastructures in the field of biometric sensorics for health sector – Result.