



THE UNIVERSITY OF ARIZONA
Biosphere2

CF MØLLER
ARCHITECTS



GeSI
ENABLING
DIGITAL
SUSTAINABILITY



BUILDING THE GREEN INNOVATION PIPELINE NETWORK

26 JUNE 2023

A BUSINESS-ACADEMIA WORKING CONFERENCE
FOR BUILDING RESILIENCE & SUSTAINABILITY
OBSERVATORIES MODELLED AFTER
THE UNIVERSITY OF ARIZONA'S BIOSPHERE 2





PROGRAM AGENDA

0900

WELCOME REMARKS AND INTRODUCTION OF PARTICIPANTS

Greetings from the Host Committee and a presentation of the outline of the Conference Goals and Objectives.

0930

BIOSPHERE 2 OVERVIEW & THE GLOBAL INNOVATION CONCEPT

Biosphere 2 has pioneered many important breakthroughs, but it is the only facility of its kind on the planet. How can safe and secure large-scale environmental research and development (R&D) become more accessible around the world? One answer: more Biospheres.

- **Dr. Joaquin Ruiz, Director, Biosphere 2**
- **Christer Otterström, CEO, Hummeltorp Sverige AB**
- **Martin Eriksson, Architect, C.F. Møller**
- **Stephen Jordan, CEO, Institute for Sustainable Development (ISD)**

1030

BREAK

1045

PLENARY ROUNDTABLE: HOW DO BUSINESS AND ACADEMIA COLLABORATION MODELS CURRENTLY SUPPORT GREEN INNOVATION?

Panelists representing government, academia, and business will describe the current enabling environment for green innovation in terms of both deep research and practical applications, and what can be improved to meaningfully push the green economy forward.

- **Björn Frössevi, Partner, TruePoint Innovation in Management**
- **Tobias Fredberg, Professor, Entrepreneurship and Strategy, Technology Management and Economics, Chalmers University of Technology**
- **Sara Gorton, SVP of Sustainability & Innovation, Skanska**
- **Bernt-Olof Gustavsson, CEO, Stadsbyggnadsbolaget**
- **Nizar Kammourie, CEO, SAWACO; ESG Committee Chair, AmCham Saudi Arabia**
- **Val Livada, Research Affiliate, MIT Materials Research Laboratory**



PROGRAM AGENDA

1200 **NETWORKING LUNCH**

1250 **SPECIAL PRESENTATION**

- **Luis Neves, Global CEO, Global Enabling Sustainability Initiative (GeSI)**

1315 **BREAKOUT SESSIONS: BUILDING OUT THE GREEN INNOVATION PIPELINE NETWORK**

Using Sweden as a model candidate for building an observatory, what are some of the key issues that need to be addressed? Topics include:

- **Public Policy Key Considerations**
- **Scientific & Academic Key Considerations**
- **Business Key Considerations**
- **Architecture & Engineering Key Considerations**

1430 **REPORT-OUTS & GENERAL DISCUSSION**

1515 **BREAK**

1530 **GENERAL DISCUSSION: THE BUSINESS CASE FOR THE GREEN INNOVATION PIPELINE NETWORK**

What should be included and prioritized in the Collaborative's scope of work, programming, and content? Topics include:

- **Digitization & Data Visualization Opportunities**
- **Food & Agriculture Opportunities**
- **Habitat Science & Research Opportunities**
- **Energy, Decarbonization, & Carbon Sequestration Opportunities**

1630 **REPORT-OUTS & GENERAL DISCUSSION**

1700 **CLOSE**



ACKNOWLEDGMENTS

Co-Presented By:

AmCham Sweden

Biosphere 2 at the University of Arizona

C.F. Møller Architects

Chalmers University of Technology

Global Enabling Sustainability Initiative (GeSI)

Hummeltorp Sverige AB

Institute for Sustainable Development (ISD)

**Michael Lenox, Tayloe Murphy Professor of Business, at the
University of Virginia's Darden School of Business**

**Nizar Kammourie, CEO, SAWACO; ESG Committee Chair,
AmCham Saudi Arabia**

**Swedish-American Chambers of Commerce of the USA, Inc.
(SACC-USA)**

**Val Livada, Research Affiliate, MIT Materials Research
Laboratory**

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