

# CONFERENCE

## Embracing the Challenge: "Tackling Embodied Emissions in the Growing Movement Towards Sustainable Building Practices!"

Date: Tuesday, January 14<sup>th</sup> 2025

Time: 11.30 am to 6.15 pm followed by reception

Venue: Olympic Museum Lausanne, Switzerland

Time	Topic	Speaker
11.30-12.45	<i>Registration, Standing Lunch, and Networking</i>	
<b>1. 12.45</b>	<b>Welcome by EPFL VP Strategy</b>	Stéphanie Lacour
<b>2. 12.55-13.45</b>	<b>Overview of Sustainable Construction Strategies</b>	
	<ul style="list-style-type: none"> <li>The Future of the Built Environment, Embodied Emissions, and the Disparities Between the Global North and the Global South</li> </ul>	Regis Meyer, Ministry of Ecology and Solidarity Transition, France
	<ul style="list-style-type: none"> <li>What's Needed to Bridge the Gap Between Decarbonization, Speed, and Scale in the Built Environment?</li> </ul>	Aun Abdullah, Head-ESG, Lodha group, India
	<ul style="list-style-type: none"> <li>Urban Planning in Africa- the Key to Sustainable Construction</li> </ul>	Kennedy Matheka, National Coordinator, Buildings and Climate, Kenya
	<ul style="list-style-type: none"> <li>Facing Environmental Challenges without Compromising Economic Growth</li> </ul>	Bertrand Piccard, Solar Impulse
	<ul style="list-style-type: none"> <li>Q&amp;A</li> </ul>	
<b>3. 13.45-14.45</b>	<b>Sustainable Construction Materials</b>	
	<ul style="list-style-type: none"> <li>Maximizing Impact: The 80/20 Approach to Sustainable Building Materials</li> </ul>	Karen Scrivener, EPFL
	<ul style="list-style-type: none"> <li>Wood is not the Climate-Friendly Building Material often Claimed</li> </ul>	Tim Searchinger, Princeton, USA (via video)
	<ul style="list-style-type: none"> <li>The Next Generation of Timber Construction using Wood Logs</li> </ul>	Yves Weinand, EPFL
	<ul style="list-style-type: none"> <li>Reusing Saw-Cut Concrete in new Structures</li> </ul>	Corentin Fivet, EPFL
	<ul style="list-style-type: none"> <li>Towards Zero Emission and Zero Natural Resources Building Materials</li> </ul>	Christophe Levy, Holcim
	<ul style="list-style-type: none"> <li>Q&amp;A</li> </ul>	
<b>4. 14.45-15.30</b>	<b>Sustainable Design and Construction</b>	
	<ul style="list-style-type: none"> <li>Architecture of Tomorrow in the Global South</li> </ul>	Aziza Chaouni, University of Toronto
	<ul style="list-style-type: none"> <li>Sustainable Construction Today and Tomorrow</li> </ul>	Stuart Smith, ARUP
	<ul style="list-style-type: none"> <li>Construction Companies' Sustainable Strategy</li> </ul>	Bruno Paul-Dauphin, Vinci
	<ul style="list-style-type: none"> <li>High Rise Building - Lessons Learned</li> </ul>	David Ruggiero, EPFL
	<ul style="list-style-type: none"> <li>Q&amp;A</li> </ul>	

**15.30-16.30** *Coffee Break and Networking with possible visit of the Olympic Museum*

**5. 16.30-17.15 Growing Demand for Sustainable Construction**

- The Real Estate Vision: Aligning Demand with Supply to Achieve Sustainability Vitali Bekker, Swissaim
- First Movers Coalition: Vision Koosje Vingerling, Amazon
- The Foundation of Sustainability: Green Public Procurement and the Definition of Low Carbon Construction Materials Pete Hemingway, Senior Policy Advisor, UNIDO - IDDI
- Q&A

**6. 17.15-18.15 Panel Discussion and Conclusion**

Aun Abdullah  
Aziza Chaouni  
Christophe Levy  
Stuart Smith  
Koosje Vingerling  
Karen Scrivener  
Bruno Paul-Dauphin

**7. 18.15-21.00 Reception and Dinner**