

# From Roots to Revenue: Securing Finance and Climate Solutions Through Agroforestry – The Case of Bamboo

4 November 1-3pm | L4, Marina Bay Sands Convention Centre

## Concept Note and Agenda

Join a highly focused design thinking workshop, curated by the ADB, to consider mechanisms to scale high-impact agroforestry. Using bamboo as a case study for how agroforestry might achieve affordable, disaster-resilient housing, climate mitigation, and financial health for the vulnerable, this session examines how a successful pilot in the Philippines might be scaled and replicated globally.

### Key Discussion Points:

- How can bamboo be effectively integrated into financial systems to become a secure, bankable, and tradable asset, thereby enhancing access to credit for vulnerable populations in the Global South?
- What role can geospatial data and AI technology play in improving the valuation and risk assessment of bamboo plantations, and how can these innovations facilitate investment in sustainable housing solutions?
- In what ways can collaboration among industry leaders, policymakers, and climate action groups enhance the scalability of successful bamboo agroforestry models, ensuring they meet both economic and environmental goals?
- How can alternative data, such as geocoding data and geospatial data, combined with AI technology enhance financial health?

This ground-breaking session will bring together industry leaders, policymakers, technologists, and climate action groups to explore how geocoding, geospatial data, AI technology, fintech innovations, and climate finance can come together to meaningfully solve the challenge. By enabling bamboo to become a secure, bankable, and tradable asset, we can achieve a more inclusive financial ecosystem that supports sustainable economic development and climate resilience.

Time	Session
1:00-1:10	Opening Remarks  Lotte Schou-Zibell Advisor, Finance Sector, Sectors Group Asian Development Bank  A short film on bamboo

Time	Session
1:10-1:20	<p>Introduction to Keynote Speaker</p> <p>Christine Engstrom Senior Director, Finance Sector, Sectors Group Asian Development Bank</p> <hr/> <p>Keynote</p> <p>David Craig Co-Founder Taskforce on Nature-related Financial Disclosures</p>
1:20-1:30	<p>Setting the scene</p> <p>Arvind Sankaran Senior Fintech Consultant Asian Development Bank</p> <p>Meet the Maddelas Jane Parry Development Analyst and Writer</p>
1:30-1:35	<p>Design Thinking Set up</p> <p>Jost Wagner Facilitator The Change Initiative</p>
1:35-2:55	<p>Discussions</p> <p>The session will focus on the following questions:</p> <p><b>Question 1: FINANCIAL HEALTH</b> (better livelihoods, better food security, better financial health)</p> <ul style="list-style-type: none"> <li>• How might we enable the building of a sustainable bamboo value chain that ensures the financial health of bamboo farmers?</li> <li>• What systems and infrastructure do we need in place?</li> </ul> <p><b>Question 2: DATA &amp; DIGITAL</b> (better data, better risk assessment, stronger regulatory support, robust marketplace)</p> <ul style="list-style-type: none"> <li>• How might we make the case for the value of bamboo as a viable, bankable agroforestry asset?</li> <li>• What data and information do we need for better risk assessment and mitigation?</li> </ul> <p><b>Question 3: CLIMATE</b> (secure carbon capture, ease of trading carbon assets, trusted market mechanisms)</p>

Time	Session
	<ul style="list-style-type: none"> <li>• How might climate finance enable bamboo to support climate change mitigation and build resilient communities at scale?</li> <li>• What are the monitoring mechanisms needed in place?</li> </ul>
2:55-3:00	<p>Conclusions &amp; Event Close</p> <p>Lotte Schou-Zibell Advisor, Finance Sector, Sectors Group Asian Development Bank</p>