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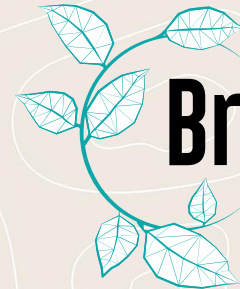
Open Data for Life Cycle Assessment:

From Global Collaboration to Practical Integration
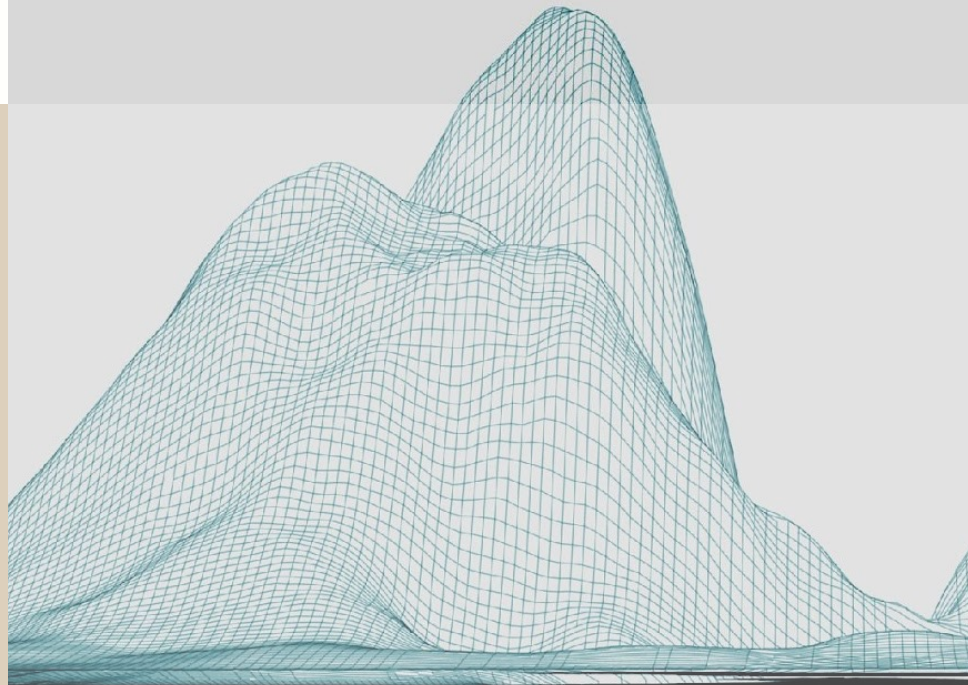
Panel discussion

BrightCon 2025

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The path

- Panelist introduction

- Cluster based discussions

- Q & A with the audience

- Wrap up

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The Panelists

Archana Datta

Associate Programme Management Officer, UNEP Life Cycle Initiative

- 16+ years in Circular Economy, SCP, and Life Cycle Thinking
- Expertise in capacity building, advocacy, and policy engagement
- Previous roles: UNEP India, AIT, FICCI — regional and national initiatives
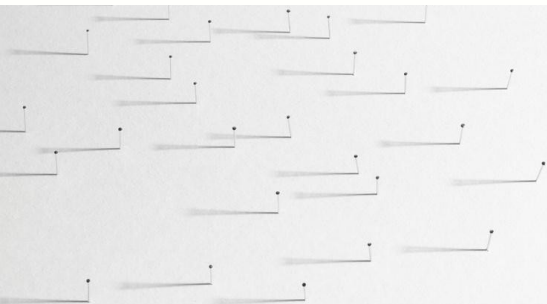
Marisa Vieira

Director of Solutions, PRé Sustainability

- Leads integrated life-cycle-based solutions: data, methods, software
- PhD in Resource Scarcity in LCA (Radboud University)
- 15+ years as LCA practitioner — strong focus on Environmental Footprinting

Xiaohui Lu

Postdoctoral Researcher, School of Environment, Tsinghua University

- PhD in Strategy, University of Nottingham (2024)
- Research on information systems, environmental big data, and LCA databases
- Contributor to Tiangong Initiative and Carbon Footprint Alliance

Cluster	Focus / Guiding Question
Opening	How open data can accelerate transparency, innovation, and inclusiveness in sustainability assessment — and how to make it work in practice.
Building the Community	Who? Researchers, policymakers, tool providers, or industry?
Pragmatism vs Perfection	Perfection from the start, or pragmatic iterations?
Quality, Interoperability & Trust	How should we define and verify "quality" in an open ecosystem?
Funding & Maintenance	Who should pay for open data's upkeep — governments, private users, or the community?
Audience Q&A	Concise questions from the audience or online chat

Opening pitches

What does open data mean in the context of your work and organization?

How does your initiative currently support or depend on open data in LCA?

What do you see as the most critical barrier to wider adoption of open data today?

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THANK YOU