CIFAL Singapore - Tramplus Grand Challenge – Sustainability Seminar

Population

Date limite: 23 jan 2026

Type:	Public Lecture
Emplacement:	Nanyang Technological University, Singapore
Date:	7 Mar 2026
Durée:	1 Days
Zone du programme:	Decentralize Cooperation Programme
Site internet:	https://www.tramplus-grandchallenge.com/sg/
Prix:	0.00 $US
Personne de référence de l'évenement:	maitrib@ntu.edu.sg
Partenariat:	CIFAL Singapore, , Tramplus

ARRIÈRE PLAN

The Tramplus Grand Challenge, organized by Tramplus in partnership with the Hong Kong University of Science and Technology (HKUST) and Nanyang Technological University (NTU), is an annual STEAM competition for secondary students. This year's theme, "Nature in the City: Smart Connections for Sustainable Living," invites students to propose innovative solutions for urban

sustainability and smart mobility.

As part of the competition, a sustainability seminar will be hosted for shortlisted participants from Hong Kong and Singapore before the regional finale on March 7, 2025. The seminar, proposed to be hosted by CIFAL Singapore, aims to broaden participants' perspectives by introducing multinational sustainability initiatives. This exposure will help students deepen their understanding of sustainability challenges, innovative solutions, and global best practices, preparing them for the competition and future leadership in sustainability and innovation.

OBJECTIFS DE L'ÉVÉNEMENT

1. Introduce students to global sustainability initiatives and their applications in urban environments.

2. Foster cross-border exchange of ideas through a multinational seminar, enabling students to learn from experts and peers.

3. Equip participants with a deeper understanding of sustainable development principles to enhance their competition proposals.

LEARNING OBJECTIVES:

1. Develop a comprehensive understanding of sustainability challenges and innovative solutions in a regional and global context.

2. Gain insights into the role of smart technologies, such as AR, VR, and AI, in promoting sustainable urban living.

3. Enhance critical thinking and problem-solving skills by applying sustainability principles in real-world scenarios.

CONTENU ET STRUCTURE

1. Why Sustainability Matters to You

- What sustainability means in everyday life (climate, food, cities, technology, equity)

- How global challenges affect young people now and in the future • Introduction to the UN Sustainable Development Goals (SDGs) using simple, relatable examples

2. How the World Is Responding: Global & Multinational Initiatives

- Youth-friendly examples of how countries, the UN, and global companies work together on sustainability
- Short case stories (e.g. clean energy, plastic reduction, smart cities, digital inclusion)
- Emphasis on innovation, creativity, and problem-solving across borders

3. From Global Ideas to Your Own Solutions

- How students can turn big global ideas into small, practical actions and projects
- What makes a strong sustainability idea:
  - Clear problem
  - Creative solution
  - Real-world impact
- How this thinking applies to sustainability competitions and school projects

4. Inspiration & Next Steps

- Examples of youth-led sustainability initiatives from around the world
- Encouraging students to see themselves as future sustainability leaders and innovators
- Key takeaways and reflection: "What is one problem you care about, and how could you help solve it?"

MÉTHODOLOGIE

- Storytelling-based approach using real-world examples instead of technical jargon
- Visual and interactive elements (short videos, images, quick polls, or hands-up questions)
- Think–share moments to help students reflect and voice ideas in a safe, supportive way
- Positive, empowering tone focused on hope, action, and youth agency

AUDIENCE VISÉE

Secondary 2-4 Students