



### CIFAL Singapore - Building Our Future Grand Challenge 2025 - Singapore Stage

#### People

Date limite: 23 Jan 2026

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Type:	Workshop
Emplacement:	Hong Kong and Singapore, China
Date:	15 Sep 2025 to 7 Mar 2026
Durée:	3 Days
Domaine du programme:	Decentralize Cooperation Programme
Site internet:	<a href="https://unitar.org/sustainable-development-goals/people/our-portfolio/cifal-glo...">https://unitar.org/sustainable-development-goals/people/our-portfolio/cifal-glo...</a>
Prix:	0.00 \$US
Email du point focal de l'événement:	d-cifal@ntu.edu.sg
Partenariat:	Tramplus Pte Ltd, , Hong Kong University of Science and Technology, , HK Tramways, , Academy for Bright Future Young Engineers

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#### CONTEXTE

The BUILDING Our Future Grand Challenge 2025 is a regional youth innovation challenge focused on sustainable urban development under the theme “Nature in the City: Smart Connections for Sustainable Living.” The programme engages secondary school students from Hong Kong and Singapore to design innovative, technology-enabled solutions that integrate biodiversity, climate action, and smart city planning.

The Singapore stage serves as an international exchange and final competition platform, enabling cross-border learning, exposure to best practices in sustainable urbanisation, and engagement with academic and industry experts.

## OBJECTIFS DU COURS

- To cultivate sustainability literacy and systems thinking among youth
- To promote innovation in climate action, biodiversity protection, and smart urban development
- To foster cross-cultural exchange and collaboration between Singapore and Hong Kong students
- To expose participants to real-world applications of the UN Sustainable Development Goals (SDGs)

## CONTENU ET STRUCTURE

- Grand Challenge Masterclass on sustainability and smart cities
- Seminar on UN SDGs implementation in Asia
- Site visits to NTU sustainable buildings (e.g. The Hive and Gaia)
- Mentoring and proposal refinement sessions
- Final pitching and judging at the Grand Finale

## MÉTHODOLOGIE

- Experiential learning
- Design thinking
- Team-based project work
- Mentorship from academics and industry practitioners
- Peer learning and international exchange

## **AUDIENCE CIBLE**

Secondary school students (Secondary 2-4 / Grades 9-11) from Singapore and Hong Kong with an interest in sustainability, STEM, and urban innovation

## **INFORMATIONS SUPPLÉMENTAIRES**

The programme directly supports multiple UN SDGs, including SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), SDG 15 (Life on Land), and SDG 4 (Quality Education).

The initiative aligns with CIFAL Singapore's focus on youth capacity-building, sustainable cities, and education for sustainable development in Asia.