



**CAN YOUR SOLUTION
DELIVER POSITIVE IMPACT?
MORE THAN **S\$2 MILLION** TO BE WON**

Submissions close on 31 March 2023

SUBMIT YOUR IDEA TODAY



THE
LIVEABILITY
CHALLENGE
2023



Presented by

TEMASEK
FOUNDATION

Organised by



Eco-Business



General Information

1. What is The Liveability Challenge?

The Liveability Challenge is a global platform that hunts for and accelerates the launch of innovative solutions to urban challenges of the 21st century in cities in the tropics. The Challenge is Asia's biggest prize for sustainability solutions, and a key highlight in Singapore's calendar of sustainability events.

With five editions successfully concluded, Eco-Business will come together with Temasek Foundation and its wide ecosystem of partners to deliver the sixth edition in 2023 to accelerate urban transformation and deliver significant impact.

2. What are the prizes?

Finalists will pitch their solutions to a panel of investors at the Grand Finale in June for the chance to secure the grand prize of **S\$1 million** in project funding from Temasek Foundation for each track. Other prizes on the table include a minimum of **S\$100,000** in funding each from investors such as Planet Rise, Quest Ventures, Rumah Foundation and TRIREC.

3. Official Website

Please link all official press releases, news articles and social media mentions back to the official website, <https://www.theliveabilitychallenge.org>

4. Who is behind The Liveability Challenge?

In all communications, you **must** refer to the organisers in this way:

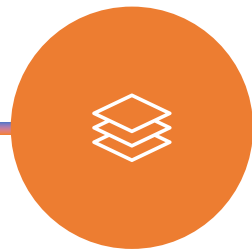
The Liveability Challenge is presented by Temasek Foundation and organised by Eco-Business.

Challenge Timeline

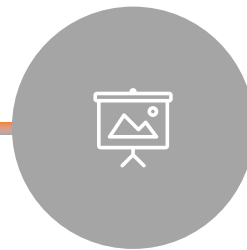
SUBMISSIONS
4 Nov 2022 to 31
March 2023



**SHORTLISTING
OF FINALISTS**
April



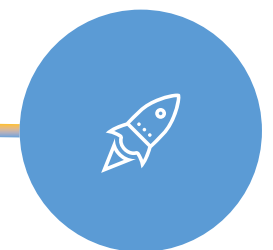
E-COACHING
May



PITCH PREP
May



GRAND FINALE
June



Challenge Theme #1

We are looking for innovations that can remove carbon emissions at scale, including revolutionary technology-based carbon capture, utilisation and storage solutions; low-carbon solutions or solutions that decarbonise energy, urban infrastructure, and transport and logistics systems.

TLC is also looking to support the scaling of viable solutions for **ocean ecosystems** that include restorative and regenerative efforts for coastal and marine ecosystems.

Decarbonisation-related solutions should:

- Significantly reduce the carbon emissions produced by industries and buildings (e.g. cooling systems); and/or
- Effectively capture, and convert carbon emissions into useful products (e.g. building materials, reclamation sand or synthetic fuels)
- Be carbon negative in the overall lifecycle and have zero/minimal externalities
- Be technology-based solutions (e.g. physical, chemical)
- Be commercially viable and scalable
- Conduct the pilot in Singapore



CLIMATE
CHANGE

Challenge Theme #1 – Continued

We are looking for innovations that can remove carbon emissions at scale, including revolutionary technology-based carbon capture, utilisation and storage solutions; low-carbon solutions or solutions that decarbonise energy, urban infrastructure, and transport and logistics systems.

TLC is also looking to support the scaling of viable solutions for **ocean ecosystems** that include restorative and regenerative efforts for coastal and marine ecosystems.

Ocean-related solutions should:

- Create value from the conservation or restoration of coastal and marine ecosystems in Southeast Asia (e.g. seagrasses, mangroves, seaweed, kelp, and salt marshes) through sustainable business models and the generation of carbon credits; and/or
- Improve measurement, reporting, and verification of environmental, social, and economic impacts (e.g. carbon sequestration, co-benefits); and/or
- Prevent and reduce pollution in coastal and marine ecosystems (e.g. oil spills, plastic, runoffs)
- Emphasise affordability, accessibility, reliability of the technology used as well as the potential for field calibration and maintenance in remote locations
- Describe the full observational, experimental, modelling expertise and capacity
- Be commercially viable and scalable
- Conduct the pilot in Southeast Asia



CLIMATE
CHANGE



Challenge Theme #2

With rising constraints on land, water, and energy, coupled with climate change and global supply chain disruptions, there is an increasing need for nations to enhance their food security.

This year's challenge aims to establish a circular, net-zero urban food system in three areas critical to ensuring food security: **agriculture**, **aquaculture**, and **alternative nutrition sources** (including protein, carbohydrates, and fats).

We are seeking breakthrough technologies to provide affordable, nutrient-dense and safe food.

Submitted solutions should:

- Deliver breakthroughs in food production over current methods of production in at least one area or combinations of the three areas critical to ensuring food security (agriculture, aquaculture, and alternative nutrition sources)
- Maximise production efficiency and minimise resource requirements and waste outputs (e.g. through circularity of materials, incorporating clean energy sources)
- Produce foods with improved nutritional quality without compromising on taste and texture
- Be commercially viable and scalable in a dense urban environment
- Conduct the pilot in Singapore



**FOOD AND
NUTRITION**

CO-PRESENTED BY





Presented by

TEMASEK FOUNDATION

Temasek Foundation supports a diverse range of programmes that uplift lives and communities in Singapore and beyond. Temasek Foundation's programmes are made possible through philanthropic endowments gifted by Temasek, as well as gifts and other contributions from other donors. These programmes strive towards achieving positive outcomes for individuals and communities now, and for generations to come.

Collectively, Temasek Foundation's programmes strengthen social resilience, foster international exchange and regional capabilities, advance science, and protect the planet.

For more information, visit www.temasekfoundation.org.sg.

Organised by



Established in 2009, Eco-Business is Asia Pacific's leading media organisation on sustainable development. Its independent journalism unit publishes high quality, trusted news and views that advance dialogue and enables measurable impact on a wide range of sustainable development and responsible business issues. It is headquartered in Singapore, with offices in China, India, Malaysia, the Philippines, and correspondents across major cities in Asia Pacific.

Visit www.eco-business.com for more information.

Co-presenter of the Food & Nutrition track



SFA consists of a multidisciplinary team committed to a work environment conducive to professional development, innovation, cross-boundary exchange and interdisciplinary co-operation so as to be a cohesive organisation that is able to achieve its mission effectively.

Visit <https://www.sfa.gov.sg/homepage> for more information.