

Climate Hack

Participant Infopack



Join us to drive
climate innovation in Asia



Singapore
International
Foundation
for a better world



ActSEA
Action for Change in Southeast Asia



KIDZSTARTER



Temporary Lead

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A four-month virtual programme equipping **200 youths*** from **Asia** with core skills to develop **digital solutions for climate change**, while also **raising awareness and knowledge** about climate issues

Climate knowledge

Plenary session
Breakout sessions



Entrepreneurial skills

Problem-solving workshops
Mentoring
Pitching sessions



Climate Hack

Technical Upskilling

Digital skills workshops
Consultations
Learning guides



Networking opportunities

Collaboration platforms
Team formation
Sharing sessions



Winning teams will gain the opportunity to visit Singapore on a Learning Journey!

The programme is open to youths and working professionals **above 18 years old*

Challenge Themes

AFOLU

Agriculture, Forestry, and Other Land Use



How might we encourage ways of using land that reduce greenhouse gas emissions and increase its ability to absorb carbon?

Ecological Economics



How might we leverage economic policies and incentives to mitigate and adapt to climate change

Transport



How might we move people and goods that minimise the use of fossil fuels and reduces greenhouse gas emissions?

Waste



How might we generate less waste, or manage and dispose of waste in ways that consume less energy and minimise emissions?

Natural Resource Management



How might we protect and restore our natural resources, especially carbon sinks such as forests and wetlands?

Who is organising Climate Hack?



Singapore
International
Foundation
for a better world



Organiser

A not-for-profit organisation established in 1991 to bring global communities together for good

Mission: Uplift lives and create greater understanding between Singaporeans and global communities through shared ideas, skills, and experiences



KIDZSTARTER



Co-organiser

An entrepreneurial learning community for young leaders in Singapore and Malaysia

Mission: Raise the next generation of adaptive and resilient entrepreneurial leaders for the real world



Co-organiser

A regional non-profit organisation contributing towards an equitable and sustainable Southeast Asia

Mission: Create change through community development, capacity building, behaviour change, research and advocacy



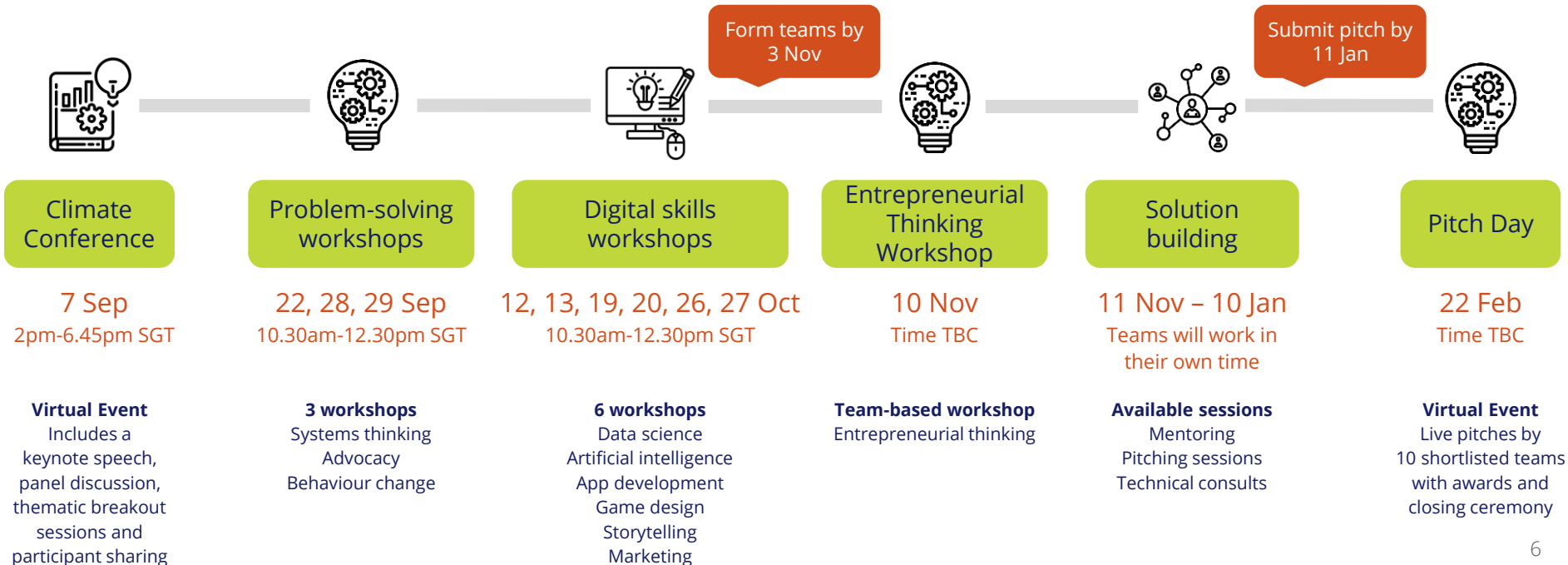
Co-organiser

Social innovation hub bridging the gaps between existing skill sets and social impact

Mission: Provide a community that empowers social changemakers and forge a stronger impact ecosystem

Programme Activities

Participants will learn about climate change, problem-solving approaches and digital skills, before forming teams to apply the skills learned to develop a digital solution for climate change. Shortlisted teams will be invited to pitch their solution live for an opportunity to visit Singapore on a Learning Journey.



Climate Conference 7 Sep, 2.30pm-6.45pm SGT

Climate Hack will kick off with a virtual Climate Conference.

Comprising a keynote speech, panel discussions, and breakout sessions, it will provide insights into causes, consequences, and solutions to climate change in Asia.

- Learn about key causes of climate change and its impacts, as well as some of the solutions implemented to mitigate and adapt to climate change
- Explore the roles of the public, private and people sectors, as well as the benefits of collaboration
- Dive deeper into specific challenge themes
- Share your thoughts and perspectives with other participants

**Event/Workshop synopses are tentative and subject to change*

Problem-Solving Workshops 22, 28 and 29 Sep

You will attend a series of introductory workshops on problem-solving concepts and tools that you can apply to address climate change.

Workshops will be recorded and participants will be expected to submit a peer assignment.

Systems Thinking 22 Sep, 10.30am-12.30pm SGT

Examine the relationships and mutual influences between components of a system in order to identify interventions

Advocacy 28 Sep, 10.30am-12.30pm SGT

Explore how people can be mobilized to influence stakeholders and decision-makers to prioritise certain policies and initiatives

Behaviour Change 29 Sep, 10.30am-12.30pm SGT

Learn how to identify and apply effective strategies for changing the behaviour of individuals

**Event/Workshop synopses are tentative and subject to change*

Digital Skills Workshops 12, 13, 19, 20, 26 and 27 Oct

You will join workshops introducing a range of digital skills and tools to build a digital solution.

Workshops will be recorded and participants will be expected to submit a peer assignment.

Some workshops are optional but strongly encouraged to attend.

Data Science and Visualisation 12 Oct, 10.30am-12.30pm SGT

Better understand how extracting and presenting insights from large datasets can facilitate climate action

Artificial Intelligence (Optional) 13 Oct, 10.30am-12.30pm SGT

Learn the basic principles of AI, such as machine learning and natural language processing, and how AI might support climate action

Web and Mobile App development 19 Oct, 10.30am-12.30pm SGT

Grasp the fundamentals of developing software applications on the web and mobile phones, focusing on user interface design and low/no-code tools

**Event/Workshop synopses are tentative and subject to change*

Digital Skills Workshops 12, 13, 19, 20, 26 and 27 Oct

You will join workshops introducing a range of digital skills and tools to build a digital solution.

Workshops will be recorded and participants will be expected to submit a peer assignment.

Some workshops are optional but strongly encouraged to attend.

Game Design (Optional) 20 Oct, 10.30am-12.30pm SGT

What is a game core loop? Explore how to design digital games that are engaging and immersive

Storytelling 26 Oct, 10.30am-12.30pm SGT

Learn techniques to create compelling narratives through words, images, and other media to communicate with and mobilise communities

Marketing (Optional) 27 Oct, 10.30am-12.30pm SGT

Understand how to leverage digital channels, such as social media and search engines, to reach your target audience more effectively

**Event/Workshop synopses are tentative and subject to change*

Team Formation for Solution Building

Participants are expected to form teams to ideate and prototype a digital solution to climate change.

To facilitate this process, the organisers will:

- Collect information on your interest in the Registration Form and compile in a shared database
- Create a channel on Discord for participants to look for team members

Participants are encouraged to form a team of up to four members, with each person taking on one of the following roles:

- **Project Management:** Coordinates team members and liaises with the organisers to ensure that the team meets programme requirements and timelines
- **Designer:** Leads the ideation process to ensure the solution is impactful and effective
- **Developer:** Leads the prototyping process to ensure that the solution is technically feasible
- **Pitching:** Leads the design of the presentation and ensures the solution is communicated clearly with others

Deadline for team formation: 3 Nov 2024

Entrepreneurial Thinking Workshop 10 Nov, time TBC

To prepare teams for the Solution Building phase, you and your teammates will attend an Entrepreneurial Thinking workshop to learn how to link key concepts and tools to the design and prototyping process.

Workshop will be recorded.

Entrepreneurial Thinking

Learn essential skills to:

- Identify problems and understand customers/target audiences through developing customer personas
- Brainstorm innovative solutions and refine concepts through feedback
- Craft persuasive pitches and adapt them for different audiences

**Event/Workshop synopses are tentative and subject to change*

Solution Building 11 Nov – 10 Jan

This is when you and your teammates will get down to ideating and prototyping your solutions! During this phase, you are expected to spend at least two hours per week working on your solution.

At the end of the Solution Building phase, your team will submit a pitch deck for consideration for Pitch Day.

To support your ideation and prototyping process, Climate Hack will offer the following:

Mentoring

Each team will be matched with a mentor who will provide general guidance and feedback on a weekly basis

Technical Consultations

Seek advice from volunteers with digital skills expertise through one-on-one consultation sessions

Pitch Coaching

Practice and gather feedback on your pitch from experienced professionals by signing up for group pitching sessions

Deadline for Pitch Submission: 11 Jan 2025

Pitch Day 22 Feb, time TBC

Climate Hack will culminate in a closing event where **ten shortlisted teams** will pitch their solutions live to a panel of judges. Top 3 scoring teams and People's Choice Award will receive the opportunity to visit Singapore on a fully-funded Learning Journey to explore innovative tech-driven solutions and initiatives for climate change.



View Past Climate Hack Winners and Their Ideas:



[2022](#)



[2021](#)

**Event/Workshop synopses are tentative and subject to change*

Eligibility Requirements

- 18 years old and above
- Residing in Asia
- Working knowledge of English
- Commitment to the entire 4-month programme
- Have a desktop/laptop with internet connection
- Able to use communication tools such as Zoom and Discord

Keen interest in:

- Learning digital skills and want to apply the skills to innovate for climate change
- Working across cultures to learn and build a more sustainable planet
- Climate action and social impact such as sustainability, UN SDG, social entrepreneurship etc.

Completion Requirements

To receive a Certificate of Completion, participants must:



Complete workshops

Satisfactorily submit peer assignments for the following workshops:

- System Thinking
- Advocacy
- Behaviour Change
- Data Science and Visualisation
- Web and Mobile App Development
- Storytelling



Form a team

Register a team of up to four members by 3 Nov.



Register for Pitch Day

As a team, submit a pitch deck to register for Pitch Day. Submission requirements include:

- Pitch deck
- Pitch recording
- Solution description



Submit feedback

Complete the individual feedback form that will be sent via email at the end of the programme.

Join us to become competent changemakers and develop innovative tech-driven solutions for climate change

[Apply Now](#)

Please email us at climatehack@actsea.org
if you have further enquiries.