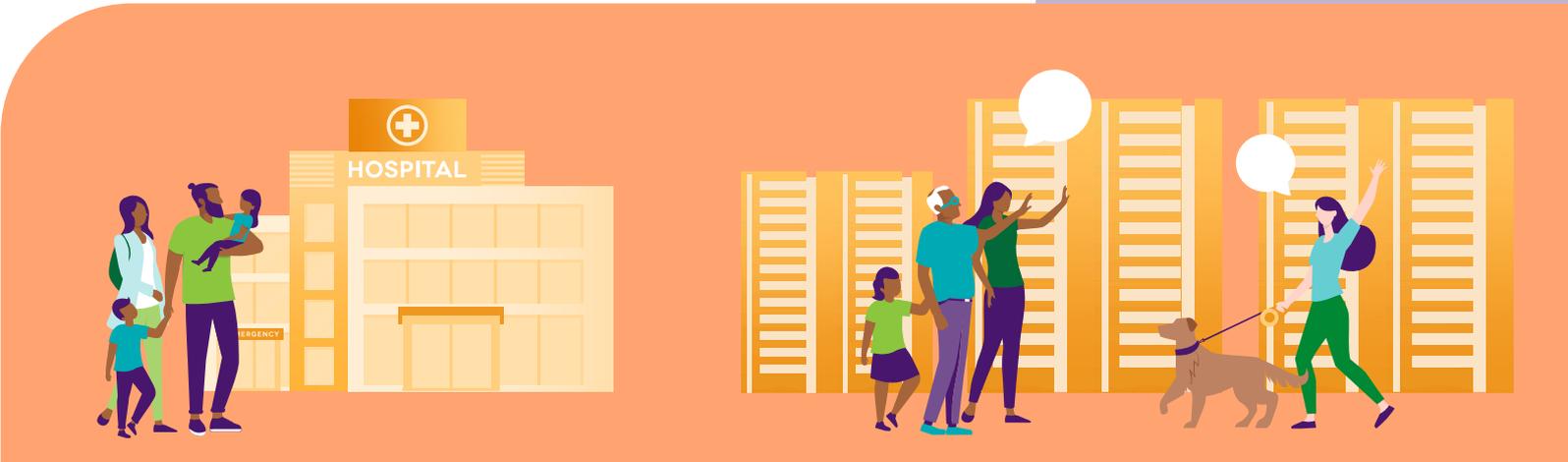


Our Impact at a Glance 2025



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KEY HIGHLIGHTS OF FY24/25



Temasek Foundation nurtures bold ideas that create real lasting change on the ground. We catalyse innovations through pilots with partners and inspire communities to overcome challenges. These six programmes showcase impact at scale in Singapore and Asia.



Since 2016, more than

10X
IN FOLLOW-ON FUNDING*

Attracted by 88 sustainability and health innovations funded from S\$61.5M in TF grants

* Follow-on funding figures are from TF's sustainability and healthcare innovation programmes.



S\$68M
TF FUNDING COMMITTED*

S\$1.2B
Cumulative till FY24/25

* Figure represents funding commitments approved within the fiscal year. Cumulative amount includes programmes since 2007.



740K
LIVES TOUCHED*

4.4M
Cumulative till FY24/25

* Figure represents the number of direct beneficiaries as reported by partners.



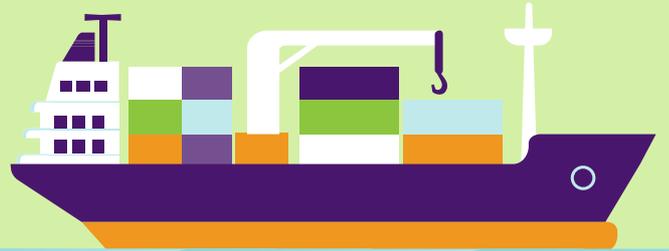
155
PROGRAMMES*

1,788
Cumulative till FY24/25

* Programme count is based on approved programmes including ground-up initiatives.

EQUATIC: CARBON DIOXIDE REMOVAL FROM SEAWATER

Catalysing Large-scale Decarbonisation



At a Glance



Programme Snapshot

Equatic is an ocean-based carbon dioxide removal solution that removes CO₂ from seawater, converts it into stable minerals, and generates clean hydrogen.

Winner of The Liveability Challenge 2021 and finalist of the Earthshot Prize 2024, it has grown from a university spin-off into a climate tech company.

FUNDING

S\$1M

from Temasek Foundation (2022–2024)

Issue in Focus

Rising atmospheric CO₂ levels are driving climate change. While we can leverage oceans which are the largest active carbon sink absorbing 30% of CO₂, their ability to absorb additional carbon from the air is limited.



3,650 tonnes CO₂ removal per year

Pilot plant capacity in Singapore

Equiv. to 100kg/day CO₂ removal from seawater

What This Enables

Deploying removal tech in seawater helps boost the ocean's ability to capture and store CO₂, supporting large-scale decarbonisation.



More than 100 tonnes of H₂ per year

Generation of green fuel by Singapore pilot plant which can power the plant or other industrial applications

IMPACT



S\$27M pre-commercial plant in Singapore with PUB and National Research Foundation



100x scale-up planned from the Singapore pilot, targeting 10 tonnes CO₂ per day by mid 2026



S\$15.6M in follow-on funding from Catalytic Capital for Climate and Health (C3H) and Kibo Invest secured



Major commitment from **Boeing** to offtake **carbon credits**

PARTNERS

C3H, Kibo Invest and other global investors

Equatic



Institute for Carbon Management

PUB SINGAPORE'S NATIONAL WATER AGENCY

In support of United Nations Sustainable Development Goals





ADVANCING RICE DECARBONISATION AND RESILIENCE:
QARBOTECH AND TEMASEK LIFE SCIENCES LABORATORY

Improving Sustainability for Smallholder Farming



At a Glance

Programme Snapshot

Temasek Foundation has been addressing rice decarbonisation and resilience by supporting projects across the rice value chain, de-risking innovation and impacting planet and people. Highlights of two innovations are:

- Qarbotech's photosynthesis-boosting nanotech
- Temasek Life Sciences Laboratory's (TLL) low-carbon rice cultivation system

Qarbotech's biocompatible foliar spray uses organic carbon quantum dots to help plants absorb more light and CO₂, while simultaneously lowering the need for synthetic pesticides.

TLL's nutrient cocktail via drip irrigation reduces methane emissions and input, while delivering higher yields for rice farming – traditionally a major source of greenhouse gas emissions.

FUNDING

QARBOTECH

S\$130K

TLL

S\$1M

Issue in Focus

Asia accounts for 90% of global rice production. Emissions from rice cultivation accounts for 10-12% of global methane emissions. Climate change is reducing rice yields and increasing pressure on smallholder farmers, while traditional inputs are becoming less effective, putting food security and farmer incomes at risk.

TLL



5 to 10% increase

in rice yield shown in pilot trials
in India and Singapore

What This Enables

Pilots of innovative, sustainable crop-boosting solutions can be accelerated into larger field trials across Asia, strengthening climate resilience and food security by helping farming systems adapt to growing climate stresses.

QARBOTECH



Delivered

**Up to 30% yield increase
with more than 1,000
rice paddy farmers**

in pilots in Malaysia and Indonesia

IMPACT



QARBOTECH

- **US\$1.5M** in follow-on funding raised
- Expanded application of foliar spray to more than **40 crops**, including palm oil, soybean and sorghum



TLL

- **30 to 50% reduction in methane emissions and water usage** in pilot trials in India and Singapore
- **Attracted follow-on funding** to support larger field trials in Laos, India and Indonesia
- **Won 2025 World Economic Forum's Giving to Amplify Earth Action (GAEA) Award** for Global Climate and Nature Action

PARTNERS



In support of United Nations Sustainable Development Goals





PEOPLE

HEALTHCARE INNOMATCH: CONNECTING HEALTHCARE
INNOVATORS WITH REAL-WORLD TEST-BEDS

Taking Healthcare Innovations from Pilot to Adoption



At a Glance



Programme Snapshot

Healthcare InnoMatch is an annual healthcare innovation challenge that brings in solutions across digital health, diagnostics and care delivery, then supports real-world test-bedding within public healthcare clusters.

FUNDING

S\$5.5M

from Temasek Foundation across **21 winning projects**

Issue in Focus

Many healthcare innovations struggle to prove real-world impact, so InnoMatch connects innovators to live test-beds to validate and refine solutions.



20 winners from close to 1,500 applicants from across 88 countries

over 5 runs (2021 to 2025)

What This Enables

By supporting platform runs and awardees, the programme helps pilots move closer to adoption and scale, and realise potential to reach many more beneficiaries.



Collaborated with Singapore Ministry of Health

from 2024

IMPACT



S\$36M in follow-on funding catalysed



More than **1,600 lives impacted** through pilots with **potential to reach up to 1.2M** when pilots are scaled up



Winner Adopted By Public Healthcare Cluster

Articares: smart robot therapist at home, enabling remote, adaptable therapy and clinician monitoring



Winner Adopted By Public Healthcare Cluster

Fathom X: AI assistant for breast cancer screening

PARTNERS



In support of United Nations Sustainable Development Goals





PEOPLE

THE OSCAR FUND: MICRO-PHILANTHROPY
FOR GROUND-UP COMMUNITY INITIATIVES

Empowering Care from the Ground Up



At a Glance



Programme Snapshot

The OSCAR Fund is a micro-philanthropy fund that supports ground-up initiatives that strengthen collective care and mutual support for vulnerable communities.

OSCAR

FUNDING

\$S\$14.5M

Since 2020

Issue in Focus

Community needs can be urgent and local, but ground-up groups often lack the resources to turn good ideas into sustained support for vulnerable communities.



More than 1M beneficiaries

impacted since 2020

What This Enables

With micro-grants and partner support, more community-led projects can grow in reach, strengthen everyday networks of care, and mobilise volunteers over time.



More than 3,000 volunteers

mobilised since 2020

IMPACT



Close to **430 projects** from more than **230 group-up groups** supported since 2020



Project Highlight

Youth mentors from **Heartland Literature** improved literacy skills of more than **100 disadvantaged children**, contributing to better educational and life outcomes



Project Highlight

Facilitators from **Art and Grow Collective** provided art sessions to more than **460 participants from Singapore Prison Service**, inspiring more positive personal growth



Project Highlight

Peers from School of Ability & Recovery led employment preparation workshops for more than **45 people with mental health conditions**, supporting their recovery with skills and work readiness

PARTNERS



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PEACE

MULTICULTURALISM IN MUSIC PROGRAMME:
BUILDING CROSS-CULTURAL UNDERSTANDING

Fostering Harmony in Diversity



At a Glance



Programme Snapshot

Multiculturalism in Music Programme supports ensembles and orchestras that use multicultural performances to deepen cross-cultural awareness and understanding in Singapore.

FUNDING

S\$1.4M

Issue in Focus

In a multicultural society, shared cultural experiences help strengthen understanding and appreciation across communities



Over 50 concerts

presented across concert halls and community spaces since 2022

What This Enables

Artists and institutions can now have more opportunities to collaborate, develop new works, and bring cross-cultural performances to the wider community.



Over 12,000 participants

across all partner programmes

IMPACT



More than 300 artists engaged in cross-cultural music collaboration



56 new musical pieces commissioned, including multicultural pieces on Singapore's shared heritage



3 first-time intercultural collaborations supported through the programme:

- Singapore Indian Orchestra & Choir X Braddell Heights Symphony Orchestra
- Bhaskar's Arts Academy X Impressions of Nanyang Arts Association X Sri Warisan Som Said
- The TENG Ensemble X Singaporean composers



5 partners continue to sustain efforts for Harmony in Diversity:

- Apsaras Dance Company
- Asian Cultural Symphony Orchestra
- Bhaskar's Arts Academy
- Singapore Indian Orchestra & Choir
- The TENG Ensemble

PARTNERS



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