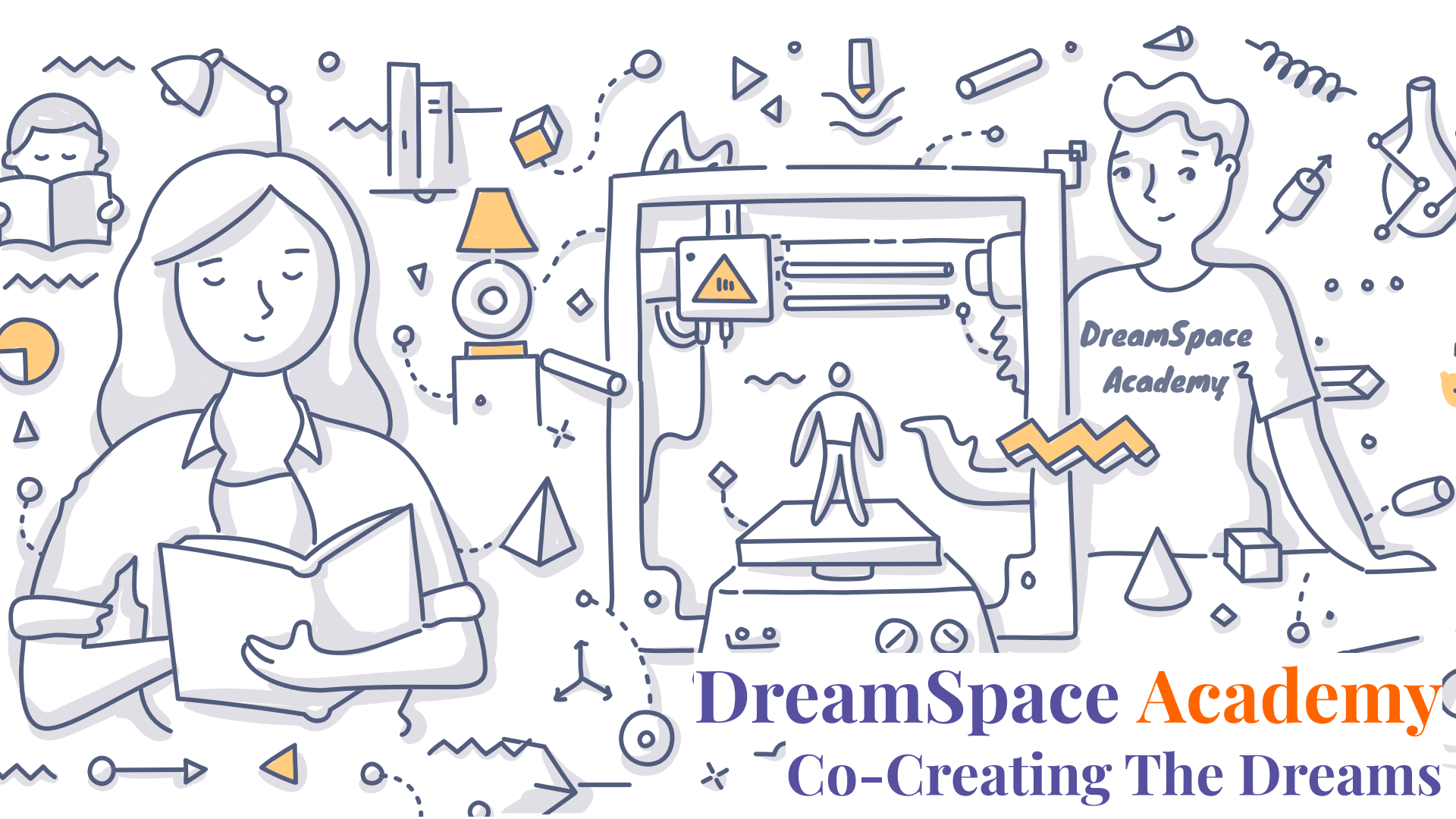


DreamSpace Academy

Co-Creating The Dreams

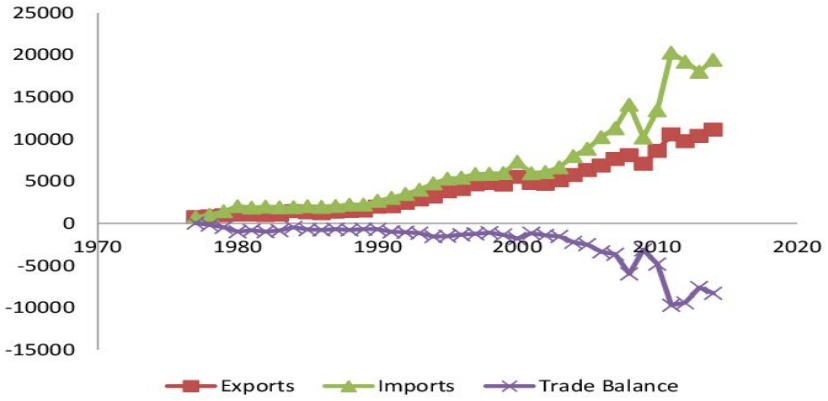
Why do we do what we do?

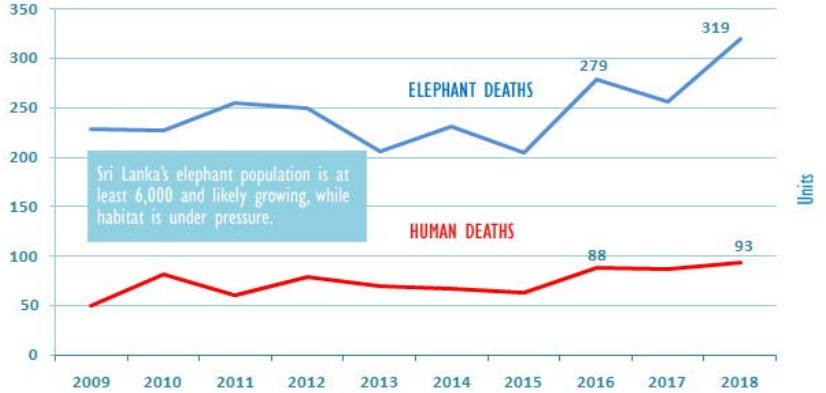
Three decades of **civil war** in Sri Lanka caused a massive impact on **socio-economy** and **environmental ecosystems**

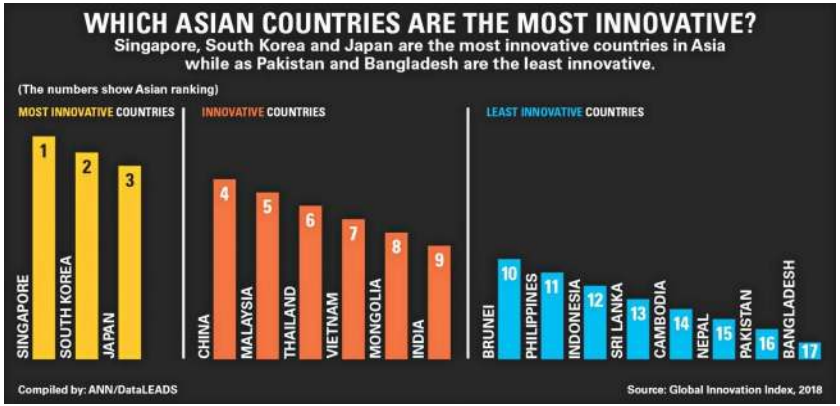
International aid provided significant support, but **imported solutions** couldn't solve fundamental **local problems sustainably**

We set out to **empower locals** to solve complex **local challenges** !!!

Why do we do what we do?







Source: unocha.org, global-innovation-index-2018, researchgate.net, oec.world

Who are we?

DreamSpace Academy is a **non-profit social enterprise** tackling local **socio-economic** and **environmental** challenges through **challenge-based learning**, **grassroots innovation** and **impact-venture building**

What is our mission?

Our mission is to achieve **sustainable development goals** in Sri Lanka by empowering **underserved communities**, protecting **environmental ecosystems**, facilitating **peacebuilding** and fostering **impact venture**

What is our vision?

Our vision is to build a **self-sustaining ecosystem** for local & international changemakers to **co-learn**, **co-innovate**, **co-live**, **co-farm** and **co-produce**, thereby co-creating next-generation enterprises to make Sri Lanka the biggest **social & tech innovation hub** in South Asia

What are our verticals and activities?

SOCIAL MISSION

Personalised Empowerment
Peacebuilding
Community Building
Wellbeing Advocacy

BUSINESS VENTURE

Social Enterprises
Capacity Building
International Aid Projects
Service Providing

How do we empower with DreamSpace Lifecycle?

Changemaker Discovery

A Changemaker is identified by the motivation to tackle local environmental and societal challenges

Challenge-based Learning

The Changemaker is trained in anything from photography to biotechnology with interdisciplinary workshops

Grassroots Innovation

The Changemaker's lifelong interest and immediate project are identified to solve a complex local challenge

Domain Expertise

The Changemaker's knowledge-base is amplified by collaborating with international experts and organisations

Impact-Venture Building

The Changemaker's solution is graduated as a impact venture for socio-economic & environmental development

How does DreamSpace Lifecycle work?

Changemaker Discovery

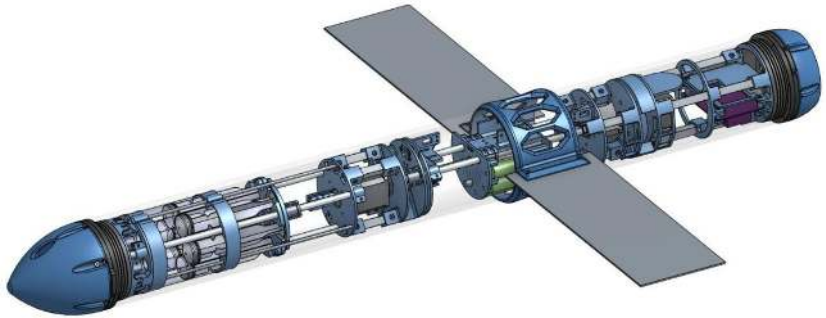
Source: dreamspace.academy

How does DreamSpace Lifecycle work?

Changemaker Discovery → **Challenge-based Learning**

Source: dreamspace.academy

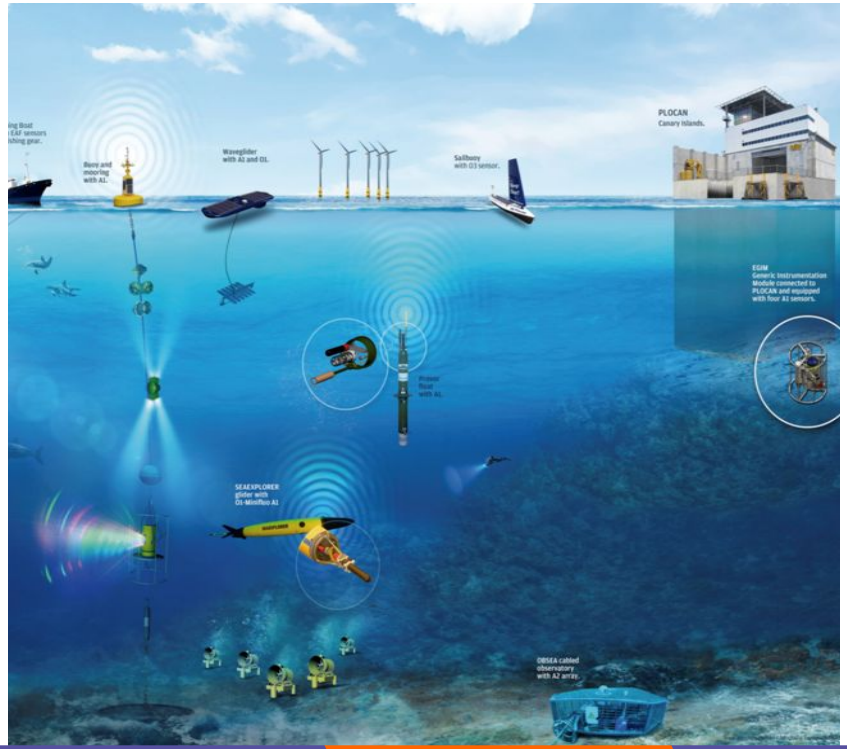
How does DreamSpace Lifecycle work?

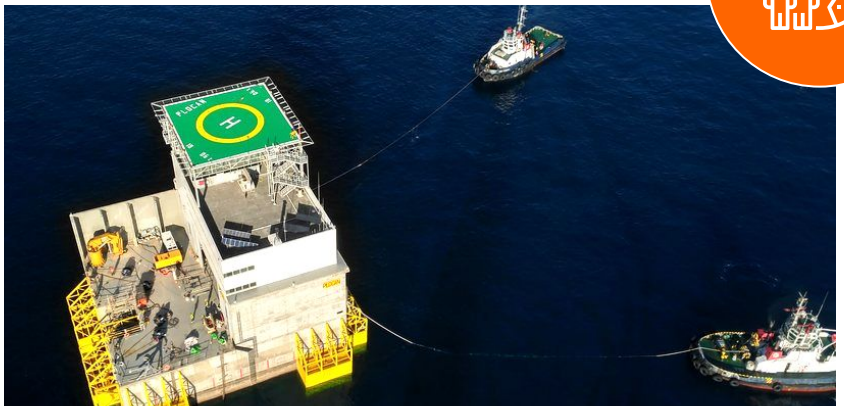


Changemaker Discovery → **Challenge-based Learning** → **Grassroots Innovation**

Source: dreamspace.academy

How does DreamSpace Lifecycle work?





Changemaker Discovery | Challenge-based Learning | Grassroots Innovation | Domain Expertise

Source: plocan.eu

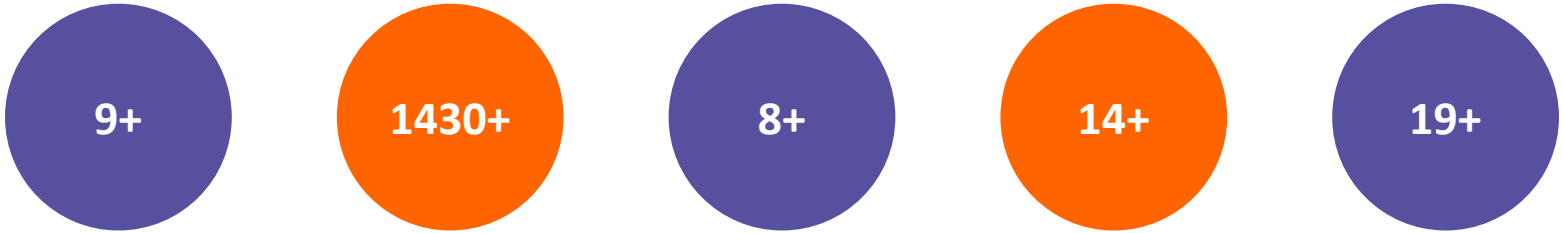
How does DreamSpace Lifecycle work?

Dr. Asha De Vos
Marine Biologist | Blue Whale Project | Oceanswell

Changemaker Discovery → **Challenge-based Learning** → **Grassroots Innovation** → **Domain Expertise** → **Impact-Venture Building**

Source: dreamspace.academy,oceanswell.org,generationunlimited.org

What impact have we co-created?



Changemakers
empowered from the underserved communities

Trainees
trained with interdisciplinary skills to uplift the livelihood

Labs
built for interdisciplinary learning and co-creation

Innovations
developed to tackle socioeconomic & environmental challenges

Ventures
built by our empowered changemakers and incubatees

Behind The Scenes

More about us ...

How do we innovate?

Local Challenges

A fleet of fieldworkers identifies local socio-economic and environmental problems. We question challenges and solutions first with Design Thinking

Open Innovations

Open innovations are chosen as the foundational solution for the identified challenges. Collaboration with original authors is established

Research & Development

With the support of external experts, further research and development is done on the chosen solution, thereby contributing to open innovations

Local Manufacturing

Produce with local materials and service providers to create awareness of regional products. Build manufacturing capacity to provide job opportunities

Go To Market

Pilot the solution with relevant stakeholders to validate the market potential. Build an inclusive business model to share the benefits with all contributors

What are our grassroots innovations?

Circular Plastic

Interactive plastic recycling machine to shred, melt, produce filament and injection mould usable products from waste plastics

HackaDEV

Biofilter

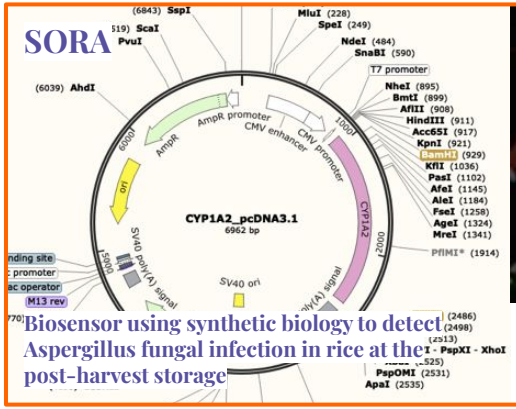
Biofilter made from syzygium cumini (java plum) seed extract to remove cadmium pollution in water

SIWI STOCKHOLM JUNIOR WATER PRIZE

Biogas Digester

Decentralised low-cost digester to produce biogas from household organic waste or cattle manure from farms

SORA

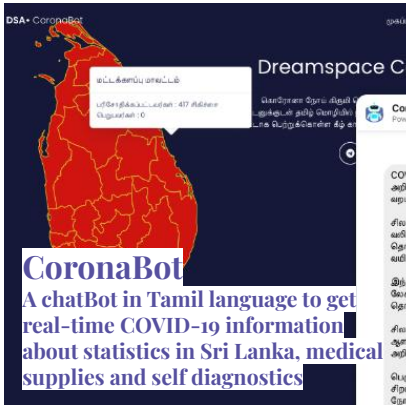


Biosensor using synthetic biology to detect Aspergillus fungal infection in rice at the post-harvest storage

SORA

Source: trashfortrade.com, siwi.org ,igem.org

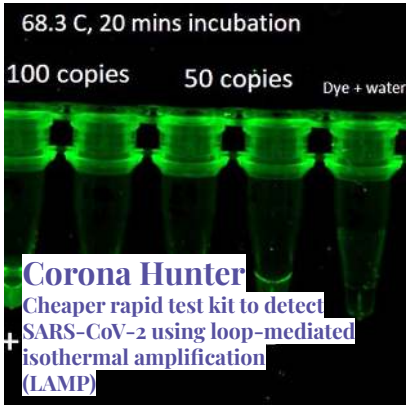
What are our grassroots innovations?



CoronaBot
A chatBot in Tamil language to get real-time COVID-19 information about statistics in Sri Lanka, medical supplies and self diagnostics

DreamBot
Multipurpose digital fabrication machine to provide an affordable & maintainable solution for local wood and metal handworkers

Agaram
Precision agriculture with hydroponics tech to cultivate regional herbal species to extract plant metabolites



Corona Hunter
Cheaper rapid test kit to detect SARS-CoV-2 using loop-mediated isothermal amplification (LAMP)

Underwater Glider
An autonomous underwater vehicle to keep an eye on our Blue Ecosystems

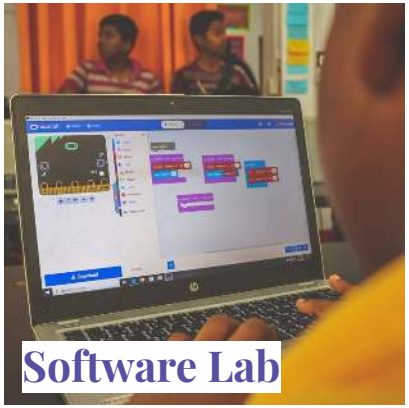
DreamFungi
A biocomposite material using mycelium as an alternative sustainable material

Facemask Detector
An authorisation system to give access to people who wear a facemask

Source: dreamspace.academy

Our interdisciplinary labs

Electronics Lab


Software Lab

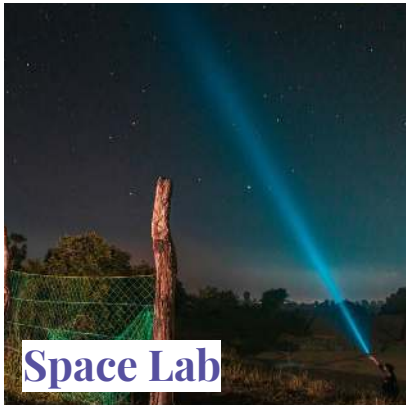
Mechanics Lab

Business Lab

Art Lab

Bio Lab

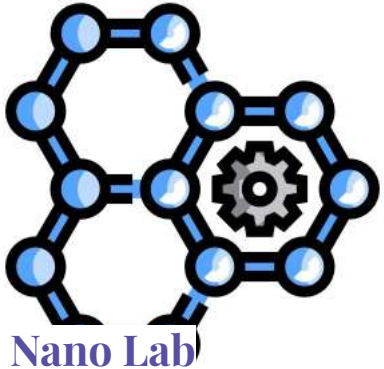
Story Lab


Space Lab

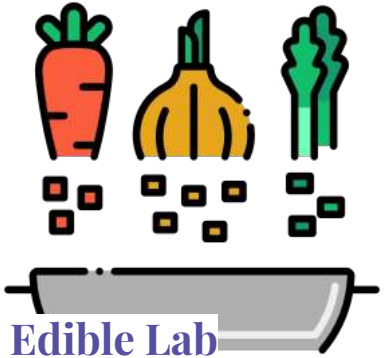
Source: dreamspace.academy

Our interdisciplinary labs

Peace Lab


Nano Lab

Fabrics Lab


Edible Lab

Mind Lab

Language Lab

Source: dreamspace.academy

Our infrastructures: DreamSpace Collective

Source: dreamspace.academy

Our infrastructures: DreamSpace Hive

Source: dreamspace.academy

How do we build domain expertise?

Maite Hernandez Zubeldia
Design Thinking Expert | Hasso Plattner Institute
Germany | Cuba

Dr. Nico Meißner
Storyteller | Deputy Director | Griffith Film School
Australia | Malaysia

Femke Kroes | Janene Liston
Business Mentor | Pricing Strategist | BookBridge
Switzerland | Netherlands

Johnny FD
Travelpreneur | Digital Nomad | Nomad Summit
USA

Source: dreamspace.academy,bookbridge.com

How do we build peace and advocate well-being?

Fine Arts | Painting

Performing Arts | Vocal | Instrumental | Music

Handcrafting

Mind Sport | Critical Thinking

Source: dreamspace.academy

How do we build peace and advocate well-being?

Environmental Advocacy

Youth & Women Empowerment

Peacebuilding and Reconciliation

Rural Development

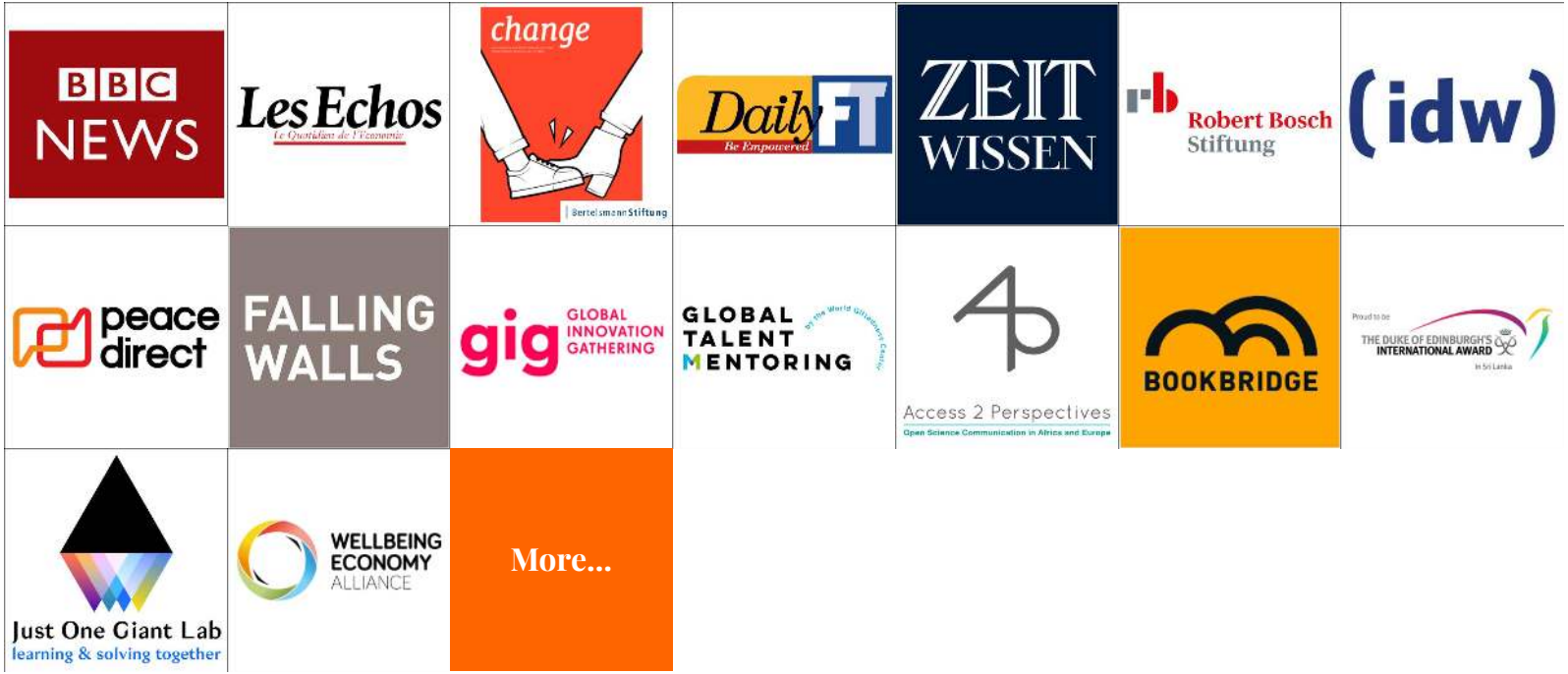
Source: dreamspace.academy

What are our ventures?

Source: trashfortrade.com, oceanbio.me, ireactsrilanka.org, sylcsl.org

What are our achievements?

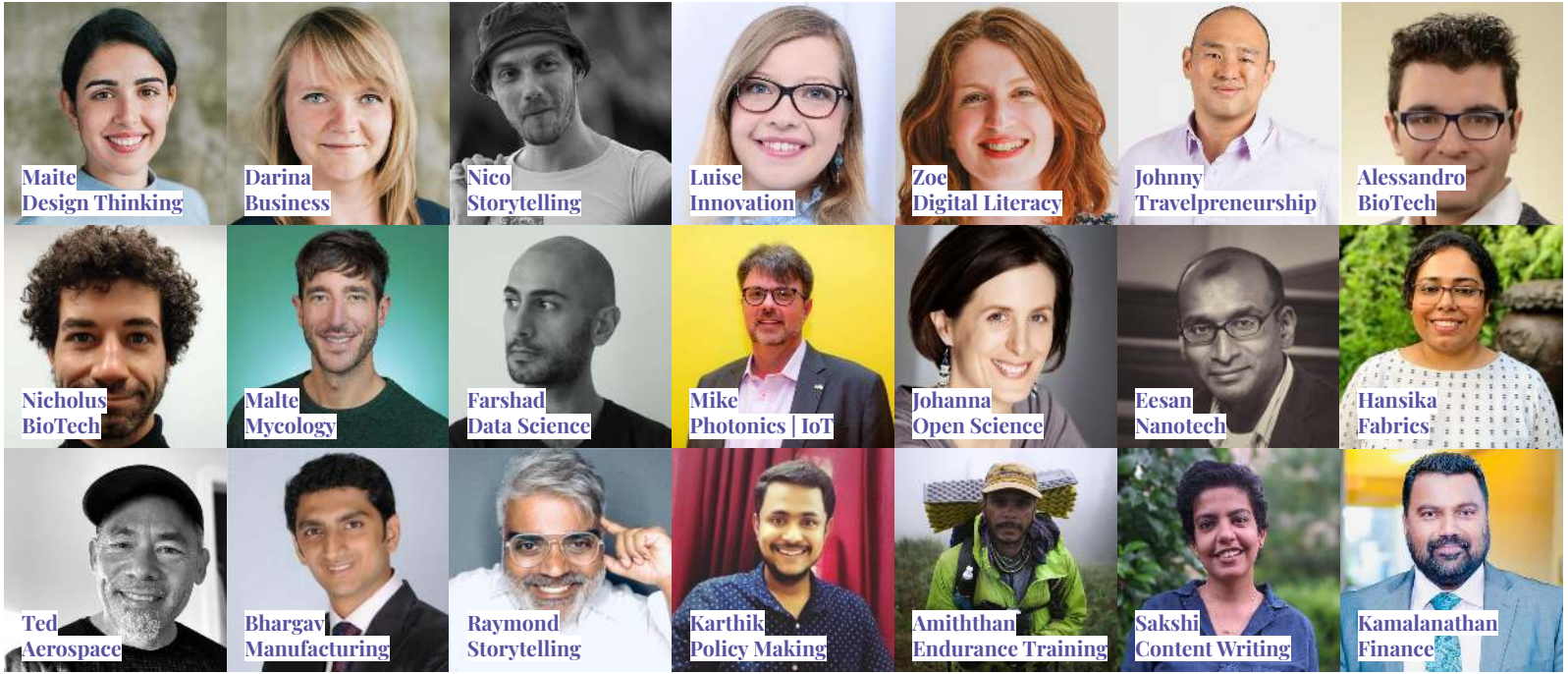
Who is talking about us?



Who are our team members?

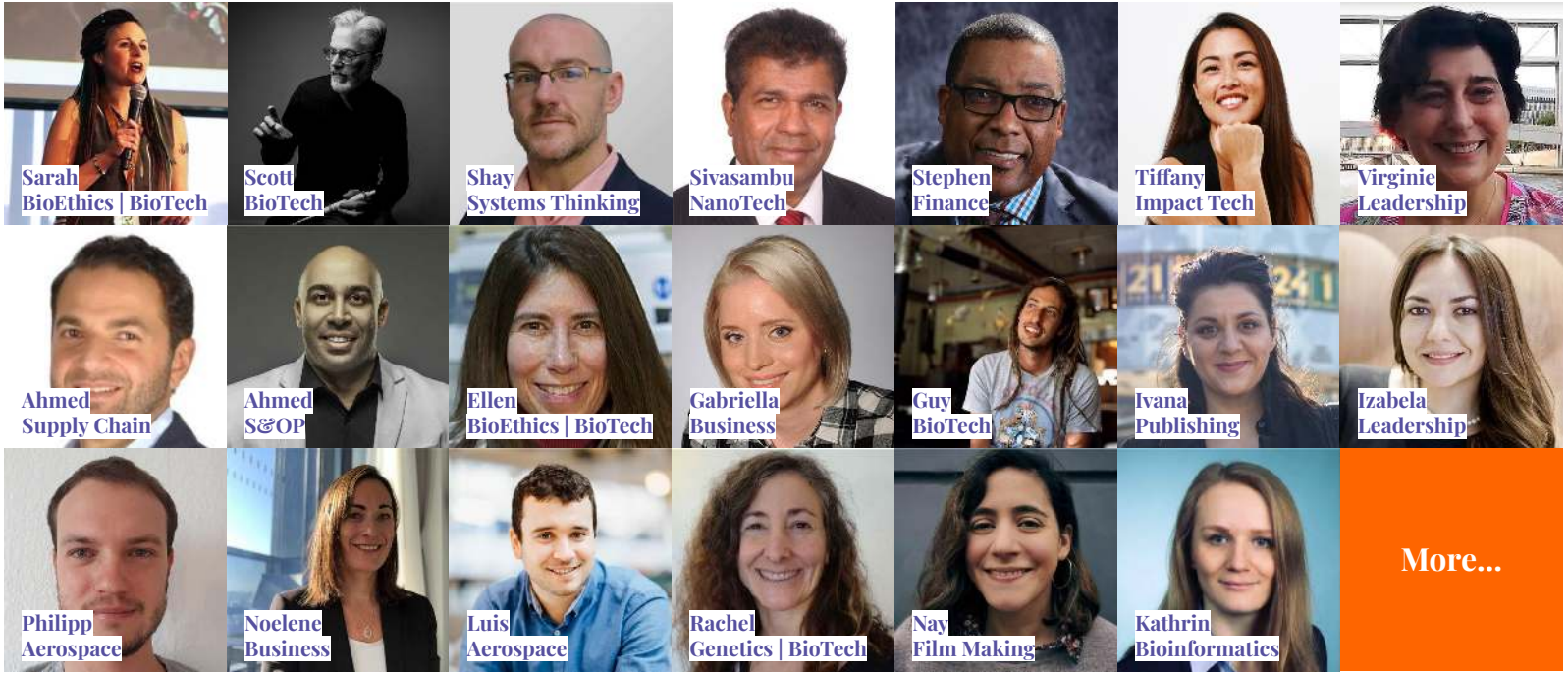
Who are our team members?

Who are our subject-matter mentors?



Source: linkedin.com

Who are our subject-matter mentors?



Source: linkedin.com

How can you support us?

Personal Engagements

Engage with us personally by one-to-one mentoring, training our trainers, advising, coaching, sharing your time and heart

Impact Investments

Invest in us with fundings & grants, buy or donate us hardware & software tools, materials & services for impact as return

Project Collaborations

Collaborate with us on international aid projects on peacebuilding & reconciliation, rural & women empowerment

Service Bookings

Book our services in capacity building, design, research & development, digital fabrication, software & hardware product development

Empower Us

Empower us by talking about us, connected us with like-minded people, nominating us to awards, challenges, fellowships

Impact Investments

DreamSpace Ecovillage

Co-invest in building our innovative Ecovillage for incubating local and international innovators and startups

Modern Infrastructure

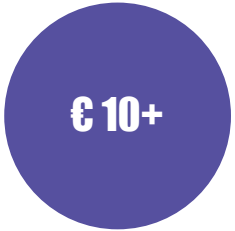
Fund us to buy hardware & software tools, materials & services to create complex community innovations

Startup Innovation

Fund a locally developed grassroots innovation project to become a startup innovation with a focus on commercialisation

Personalised Empowerment

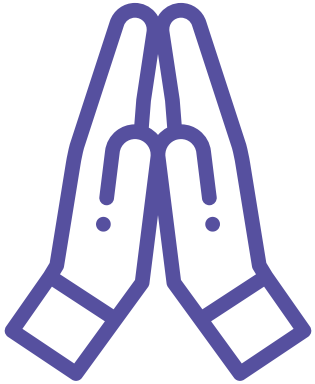
Fund an underprivileged candidate's Lifecycle program consisting of 5 stages spanning 18 months



Lifeline Support

Fund our basic operational and utility costs by smaller monthly or larger one-time donations to keep us alive

Co-Creating The Dreams



Join our mission to **co-create the dreams** !!!

Story Deck at
http://storydeck.
dreamspace.academy

Support Deck at
http://supportdeck.
dreamspace.academy

Aravinth Panch
Co-Founder | Director
ara@dreamspace.academy

Kishoth Navaretnarajah
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kishoth@dreamspace.academy