

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-economics** and **environmental ecosystems**

The international aids provided significant support, but **imported solutions** couldn't solve fundamental **local problems sustainably**

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

# Who are we?



**DreamSpace Academy** is a **community innovation centre** to tackle complex local socio-economic and environmental challenges with **challenge-based learning**

# What is our mission?

We are a **non-profit social enterprise** with a perfect balance between the **social mission** and the **business venture**, to achieve **sustainable development goals** by empowering the **underprivileged communities** and protecting the **environmental ecosystems** in Sri Lanka

# What are our activities?

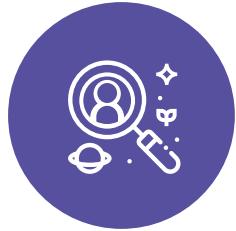
## SOCIAL MISSION

Personalised Empowerment  
Peacebuilding  
Community Building  
Wellbeing Advocacy

## BUSINESS VENTURE

Social Enterprises  
Capacity Building  
International Aid Projects  
Service Providing

# How do we empower?



## Candidate Discovery

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



## Maker Education

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



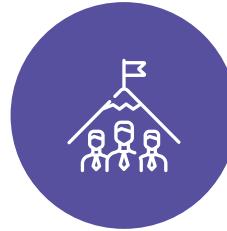
## Community Innovation

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



## International Collaboration

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



## Social Enterprise

The candidate's solution is graduated as a startup for socio-economic & environmental development.

# DreamSpace Lifecycle



Candidate Discovery



Source: dreamspace.academy

# DreamSpace Lifecycle



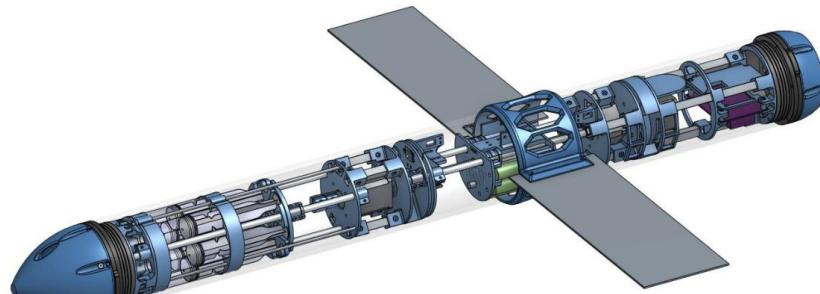
Candidate  
Discovery

Maker  
Education



Source: dreamspace.academy

# DreamSpace Lifecycle



Candidate  
Discovery

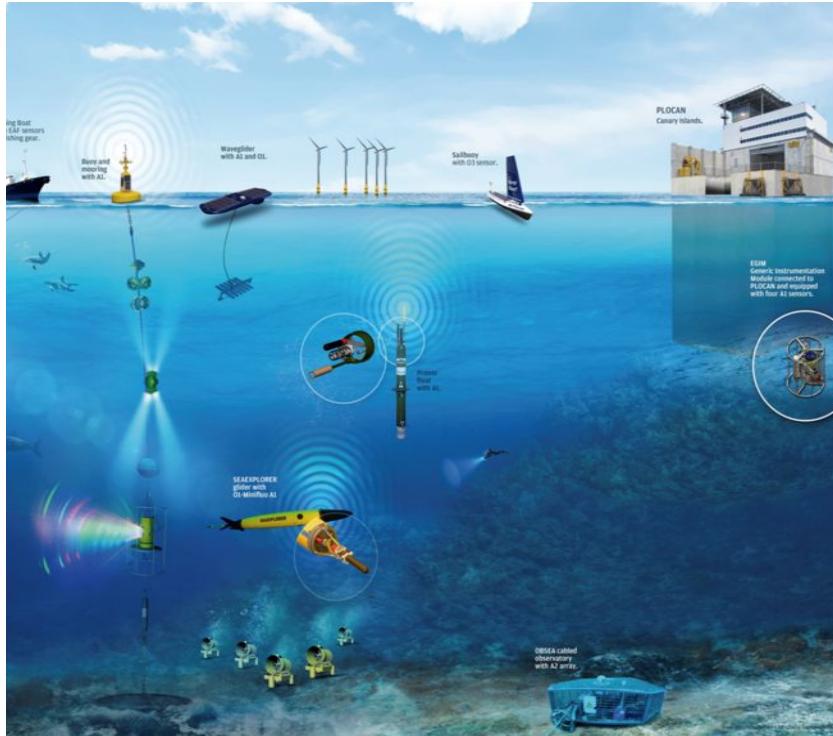
Maker  
Education

Community  
Innovation



Source: dreamspace.academy

# DreamSpace Lifecycle

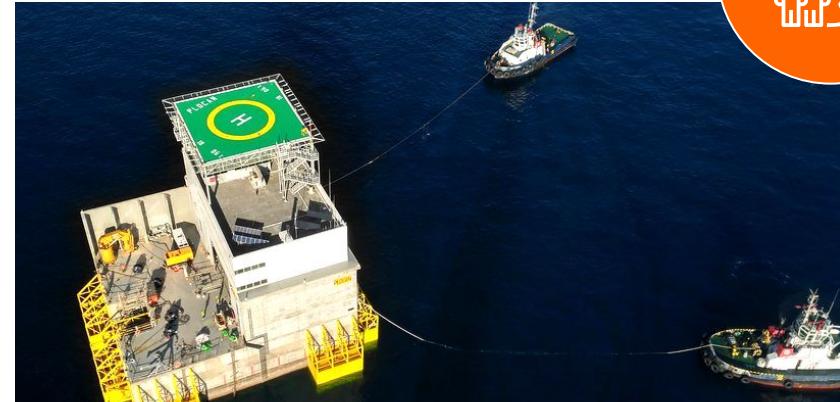


Candidate Discovery

Maker Education

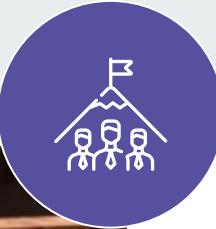
Community Innovation

International Collaboration



Source: plocan.eu

# DreamSpace Lifecycle



Candidate Discovery

Maker Education

Community Innovation

International Collaboration

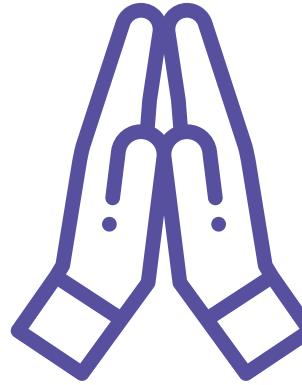
Social Enterprise



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

Source: [dreamspace.academy](http://dreamspace.academy), [oceanswell.org](http://oceanswell.org), [generationunlimited.org](http://generationunlimited.org)

# Co-Creating The Dreams



Check out our **support deck** to join our mission  
for **co-creating a sustainable impact !!!**

**Story Deck at**  
[http://storydeck.  
dreamspace.academy](http://storydeck.dreamspace.academy)

**Support Deck at**  
[http://supportdeck.  
dreamspace.academy](http://supportdeck.dreamspace.academy)

**Aravinth Panch**  
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**Kishoth Navaretnarajah**  
Co-Founder | Director  
[kishoth@dreamspace.academy](mailto:kishoth@dreamspace.academy)



## Behind The Scenes

Check out the next slides to know  
more about us !!!



People

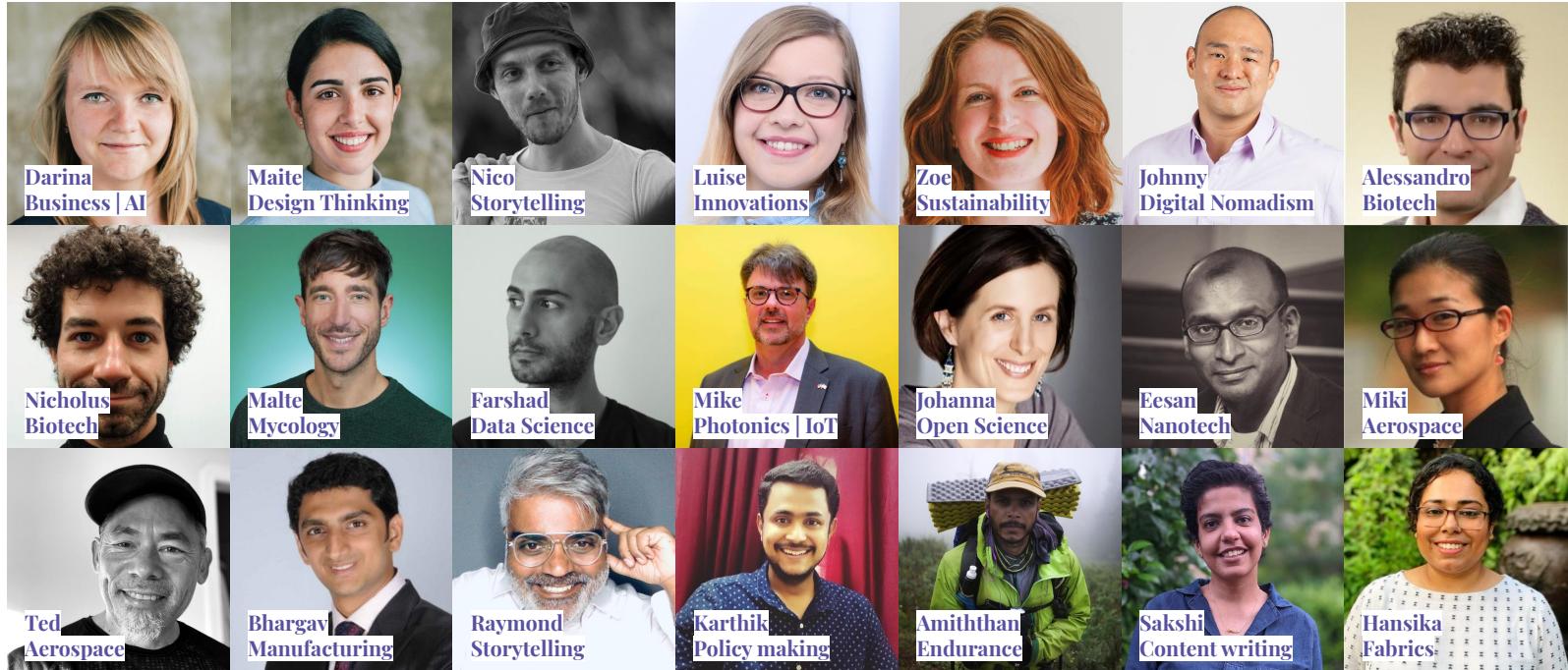
# Internal & External Team Members



# Internal & External Team Members



# Mentors



Source: linkedin.com



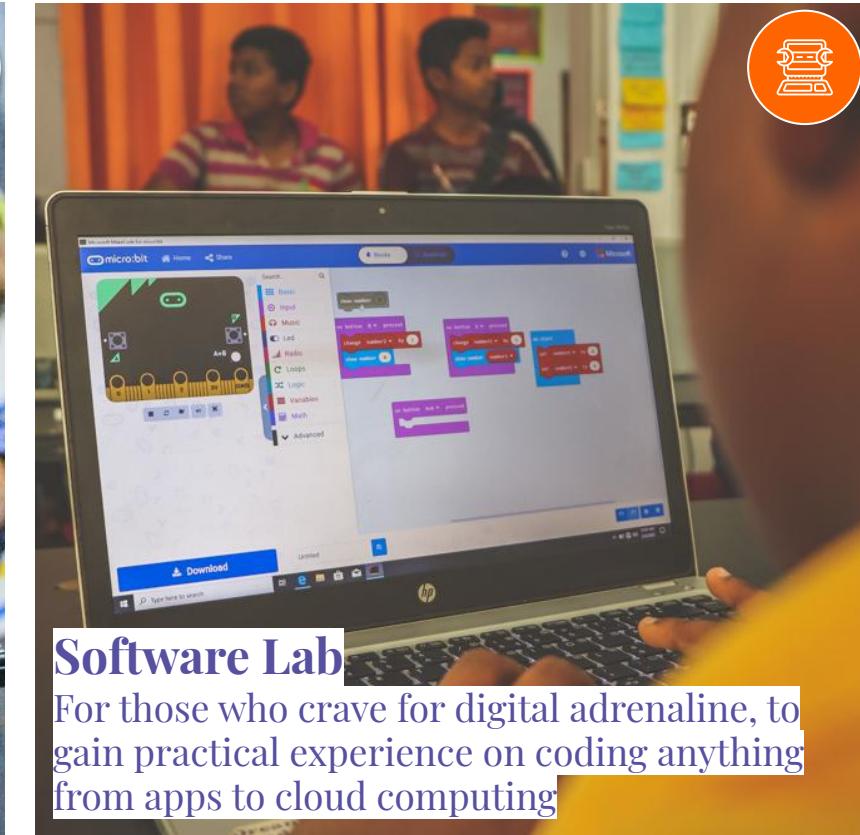
**Maker Education**

# Maker Education



## Electronics Lab

For those who are fascinated by robots, to develop practical skills for building anything from circuits to humanoid robotics



## Software Lab

For those who crave for digital adrenaline, to gain practical experience on coding anything from apps to cloud computing

Source: dreamspace.academy

# Maker Education



## Mechanics Lab

For those who shift their brain gears, to gather practical skills for anything mechanical design to digital fabrication



## Business Lab

For those who have entrepreneurial mindset, to build practical knowledge for maximizing growth of the business venture

Source: dreamspace.academy

# Maker Education



## Art Lab

For those with genuine creative imagination, to build practical skill set for composing anything from photographs to rhythms



## Bio Lab

For those who want to get their hands wet with BioHacking, to build practical dexterity on BioTechnology

Source: dreamspace.academy

# Maker Education



## Story Lab

For those who are fascinated by immersive narratives, to gain storytelling skillset for communicating complex details to common audience

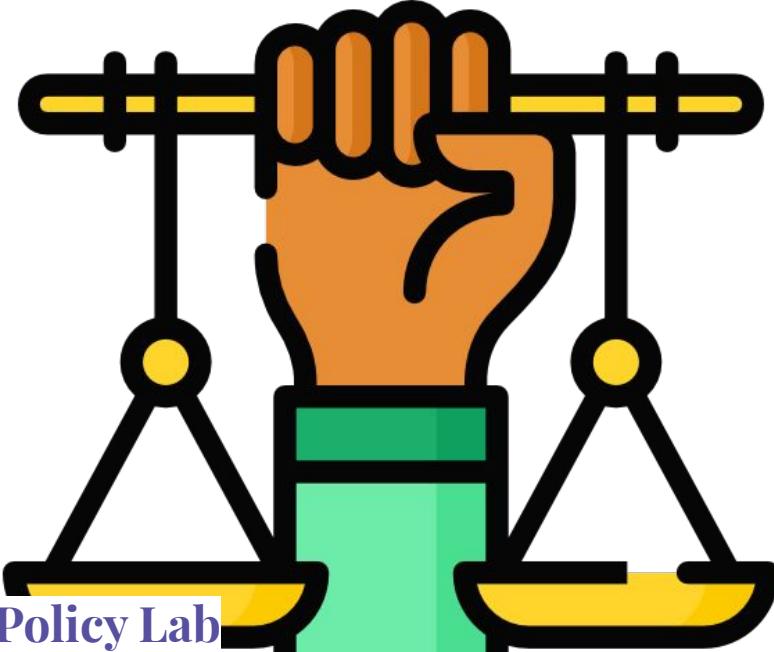


## Space Lab

For those who look upwards into the endless universes, to gain hands-on knowledge astronomy, space exploration, aviation and drone technology

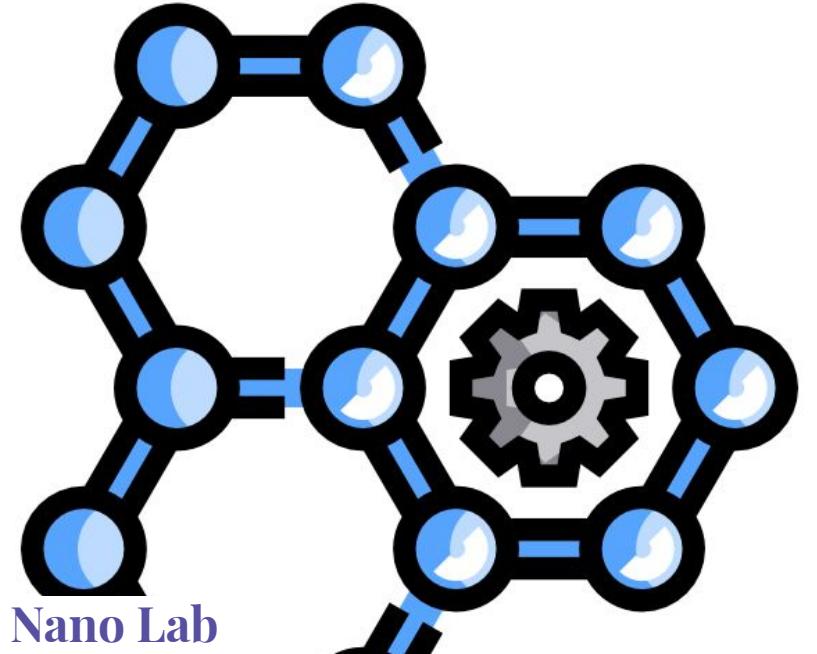
Source: dreamspace.academy

# Maker Education



## Policy Lab

For those who are driven by systems change, to gain hands-on knowledge on co-creation of national and regional policies reforms

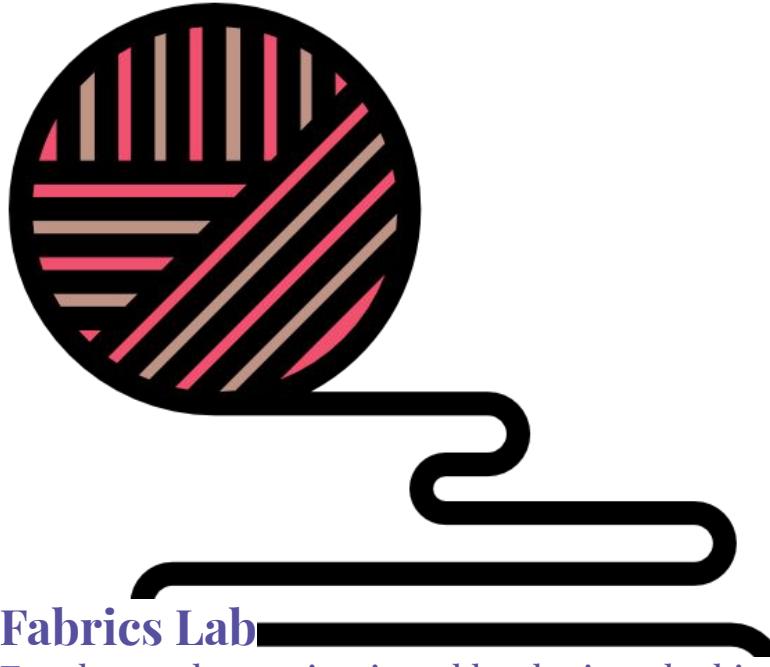


## Nano Lab

For those who have the finest mind to fiddle with molecule-scale structures, to build practical dexterity on NanoTechnology

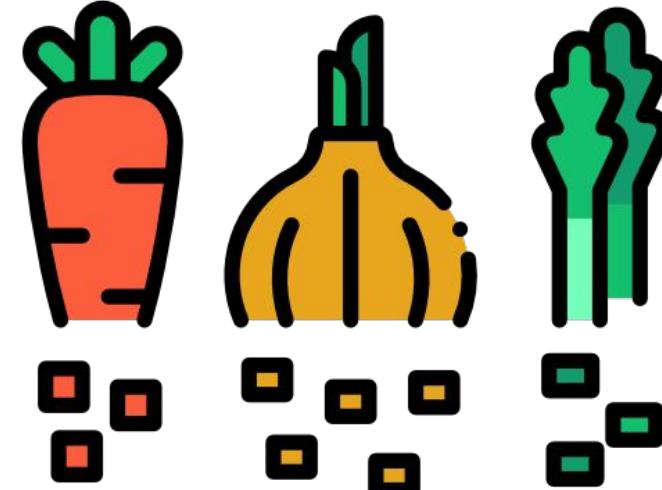
Source: dreamspace.academy

# Maker Education



## Fabrics Lab

For those who are intrigued by the interlocking patterns, to gain practical training on fashion technology and digital textiles fabrication



## Edible Lab

For those who are amazed by the flavours of natural food, to earn the necessary skills to create a nutritious, prebiotic and probiotic diet

Source: dreamspace.academy

# Maker Education



## Mind Lab

For those who crave for the balance between the mind and the body, to harness the power of Mindfulness, Heartfulness and Kriya Yoga'



## Language Lab

For those who are passionate about tossing tongue-twisting words, to become a true global citizen with proficiency in international & local languages

Source: dreamspace.academy



## Community Innovation

# 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

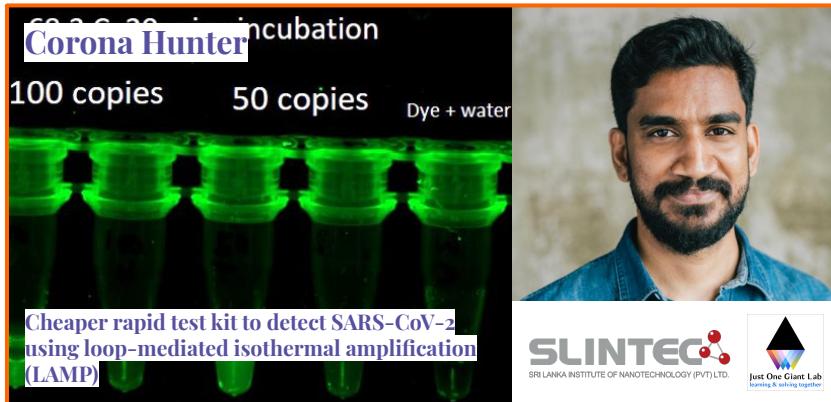
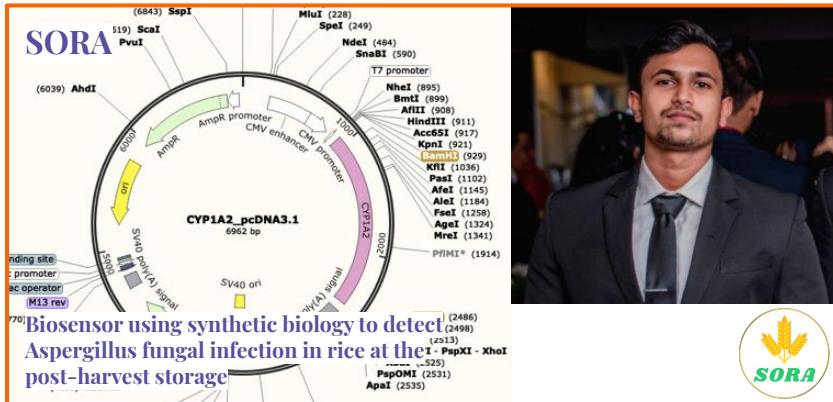
Produce with local materials and service providers to create awareness of regional products. Build manufacturing capacity to provide job opportunities.



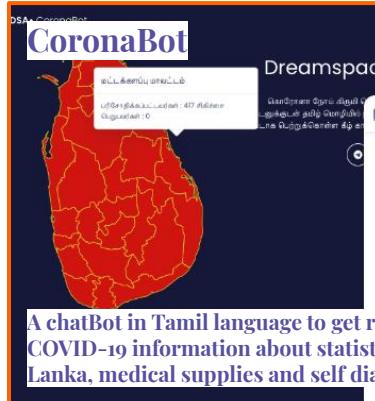
## Go To Market

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

# Community Innovation



# DreamBot Community Innovation



**CoronaBot**  
DSA CoronaBot  
Dreamspace CoronaBot

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



**DreamBot**  
araBot

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



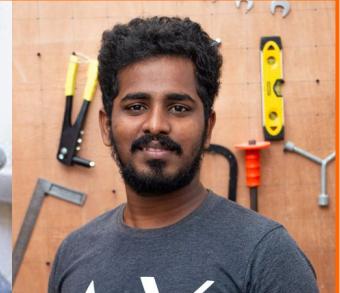
**Biogas Digester**

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



**Agaram**

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





## International Collaboration

# International Collaboration



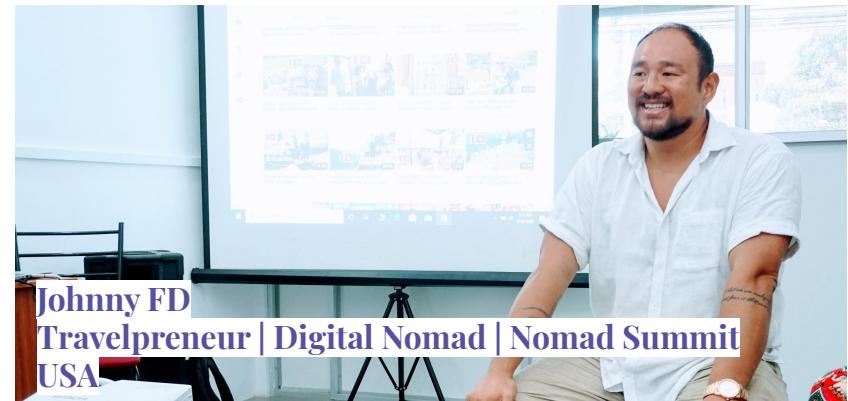
**Maite Hernandez Zubeldia**  
Design Thinking Expert | Hasso Plattner Institute  
Germany | Cuba



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

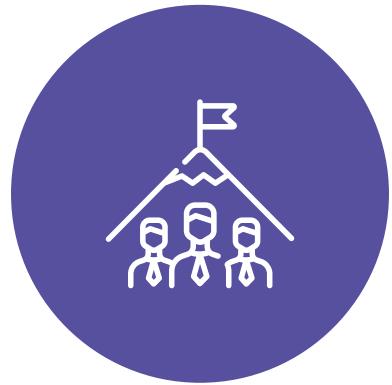


**Femke Kroes | Janene Liston**  
Business Mentor | Pricing Strategist | BookBridge  
Switzerland | Netherlands



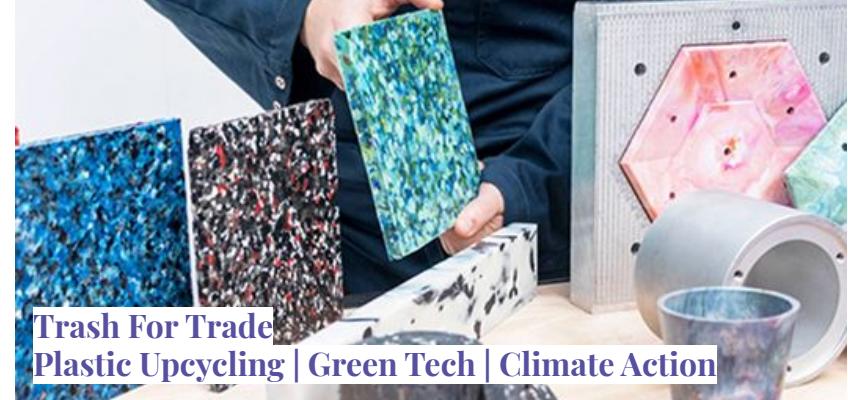
**Johnny FD**  
Travelpreneur | Digital Nomad | Nomad Summit  
USA

Source: dreamspace.academy,bookbridge.com



**Social Enterprise**

# Social Enterprise



Source: terrace.dreamspace.academy, oceanbio.me, trashfortrade.com



## Community Building

# Community Building



Fine Arts | Painting



Performing Arts | Vocal | Instrumental | Music



Handicraft | Micro Arts



Mind Sport | Chess

Source: dreamspace.academy

# Community Building



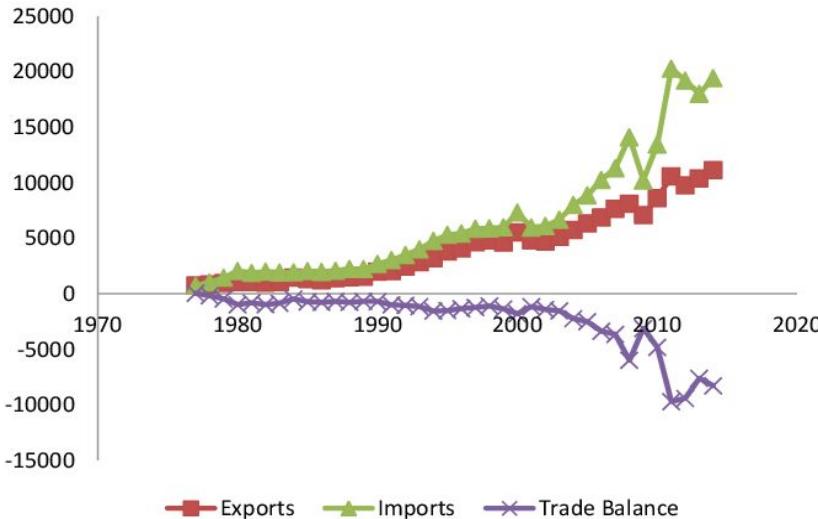
Source: dreamspace.academy



## Well-being Advocacy

# Statistics

One of the **least innovative** country in Asia with **negative trade balance** of \$ 9.1B in 2017



**Biodiversity loss and environmental degradation** with 415 elephant death in 2019



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

# Wellbeing Advocacy | Co-Creating The Co-Existence

