



DreamSpace Academy  
Co-Creating The Dreams

**DreamSpace Academy** is a **Community Innovation Center** to tackle authentic socio-economic and environmental challenges using **Project Based Learning (PBL)**

# What do we do?



**Our mission** is to empower creative minds through **Maker Education**, to create innovative solutions using **Open Innovation**, and ultimately leading them to become successful **Social Entrepreneurs**

# What is our motivation?

**21 million**

population (2015)



51.8%

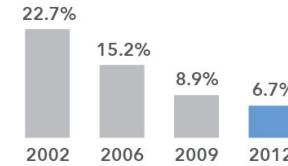
Female

48.2%

Male

**6.7%**

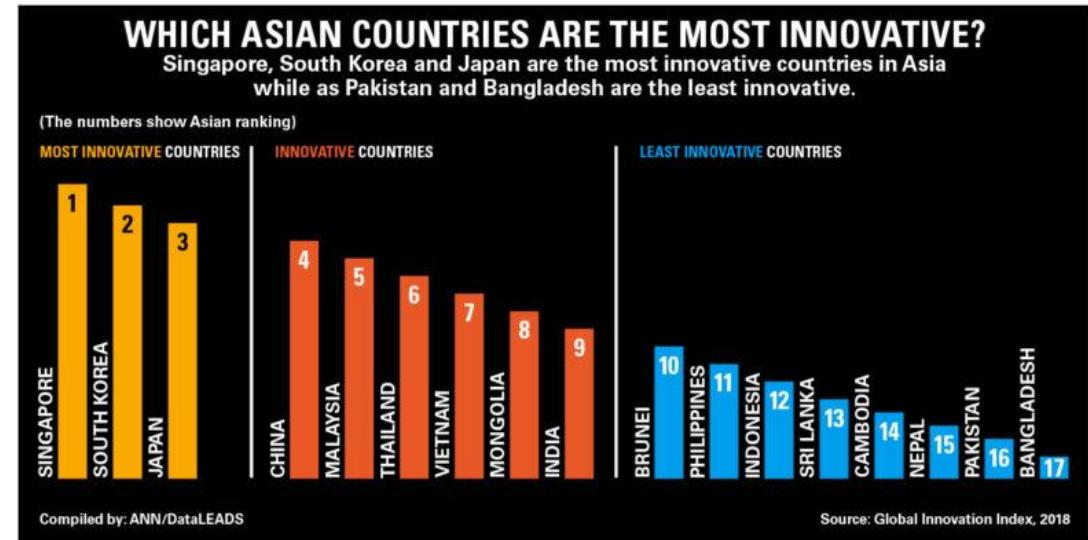
poverty headcount ratio  
at national poverty lines  
(% of population 2012)



**US\$3,924**

lower middle-income  
GDP per capita (2015)

Source: unocha.org, global-innovation-index-2018



# What is our motivation?

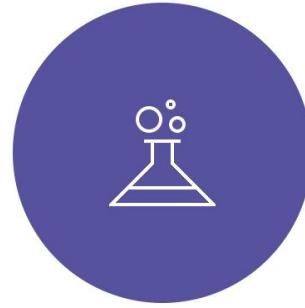


Solutions for the social challenges should be developed by **99% local** human resources with the support of **1200+** international and local NGOs

# How do we do it?



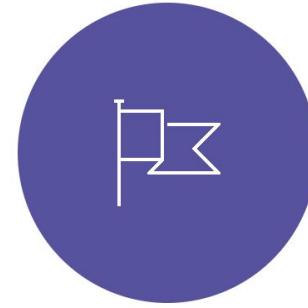
**Project Based  
Learning**



**Community  
Innovation**



**International  
Collaboration**



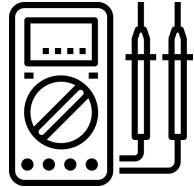
**Social  
Entrepreneurship**

# Project Based Learning



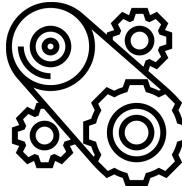
Source: dreamspace.academy

# Project Based Learning - Maker Education



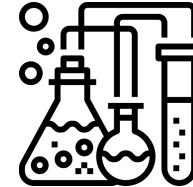
## Electronics

Circuit Designing, Robotics, Embedded Systems



## Mechanics

CAD, 3D Printing, CNC Milling, Laser Cutting



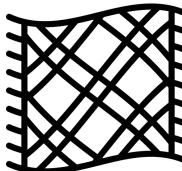
## Wet Lab

Biology, Chemistry, Botany, Physics



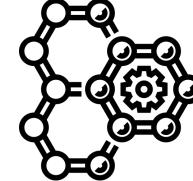
## Gastronomy

Alternative food, Probiotic drinks



## Textile

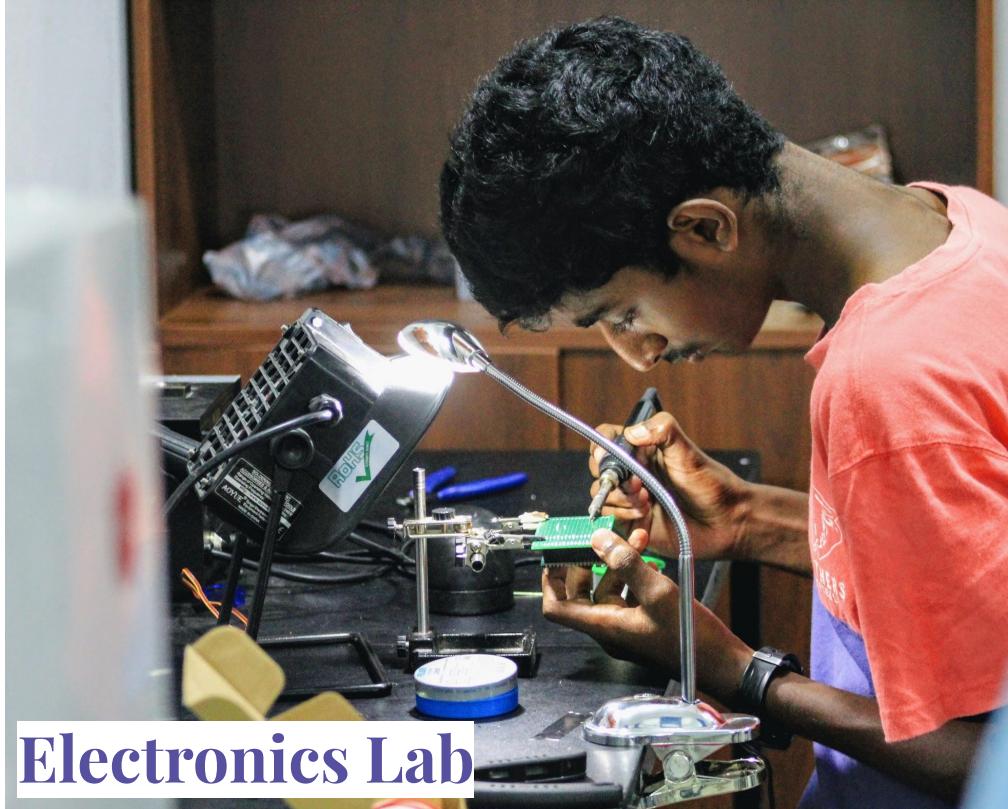
Weaving, Knitting, Wearables Technology



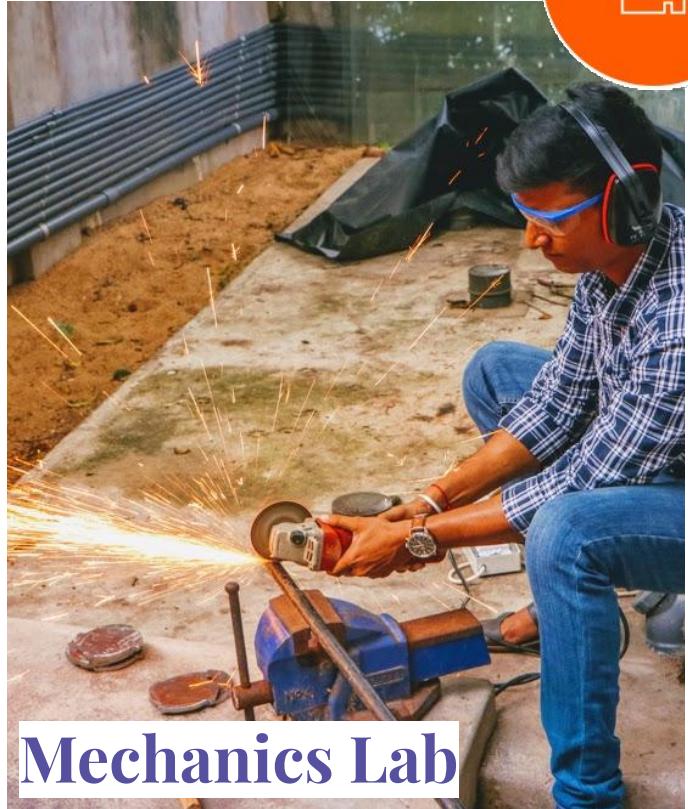
## Materials

Composites, Advanced Material, NanoTech

# Project Based Learning - Maker Labs



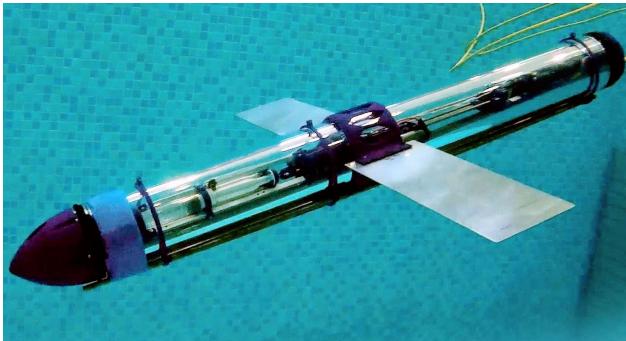
**Electronics Lab**



**Mechanics Lab**

Source: dreamspace.academy

# Community Innovation

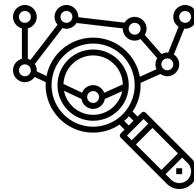


Source: dreamspace.academy, hackaday.io

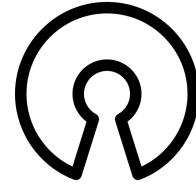
# Community Innovation - Prototype To Production



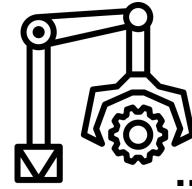
Environmental  
Sustainability



Research &  
Development



Open  
Innovation



Local  
Manufacturing

# International Collaboration



Source: dreamspace.academy

# International Collaboration - Partners



Proud to be



In Sri Lanka



Source: [greenbuzzberlin.de](http://greenbuzzberlin.de), [globalinnovationgathering.org](http://globalinnovationgathering.org), [motionlab.berlin](http://motionlab.berlin), [aracreate.com](http://aracreate.com), [bookbridge.org](http://bookbridge.org), [troublemaker.site](http://troublemaker.site), [dofe.org](http://dofe.org), [siwi.org](http://siwi.org), [berlin.sciencehackday.org](http://berlin.sciencehackday.org)

# Social Entrepreneurship



Source: dreamspace.academy, terrace,dreamspace.academy

# Social Entrepreneurship - Idea to Impact Business



## Community Business

Digital Nomads, Co-Working,  
Urban Farming, Smart  
Mobility



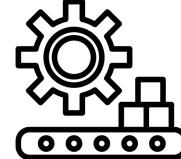
## Socio-Economic Development

Employment and Skill  
Development



## Impact Investment

Startup Accelerator,  
Incubator, Investors



## Mini Factories

Regional Products, Conscious  
Consumerism

# Co-Creating The Dreams



Source: dreamspace.academy

# Co-Creating The Dreams



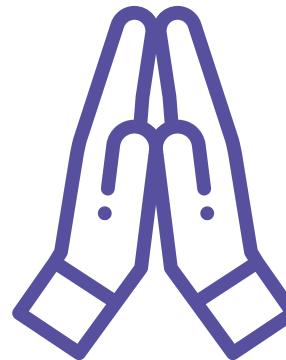
Source: dreamspace.academy

# Co-Creating The Dreams



Source: dreamsphere.academy

# Thank You



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