# SUPPORTING THE NEXT GENERATION OF *"DRONEPRENEURS"* THROUGH FLYING LABS®

**We Robotics**

**FL DR FlyingLabs**

**Orlando Perez Richiez**
Flying Labs Coordinator
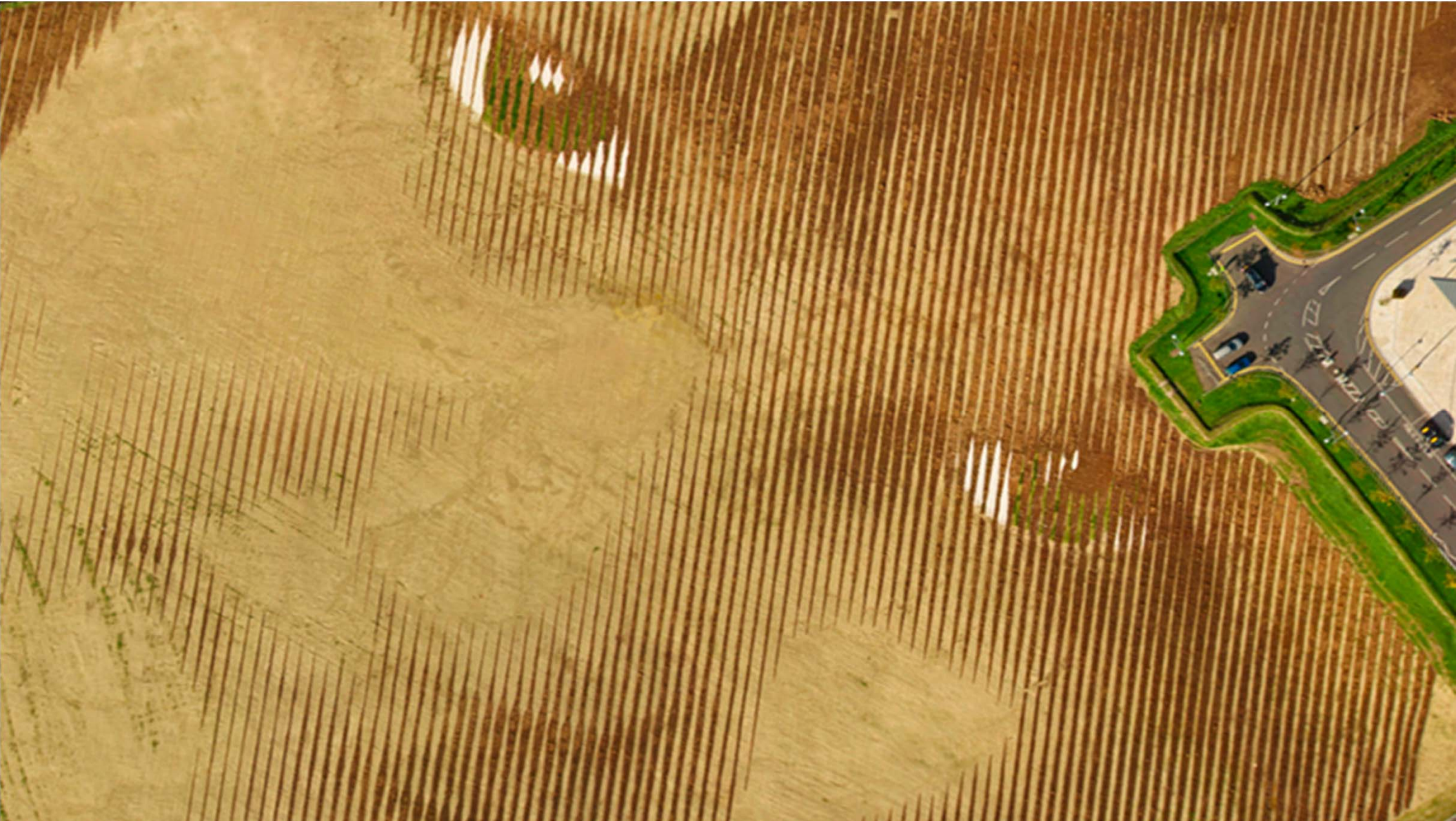Dominican Republic
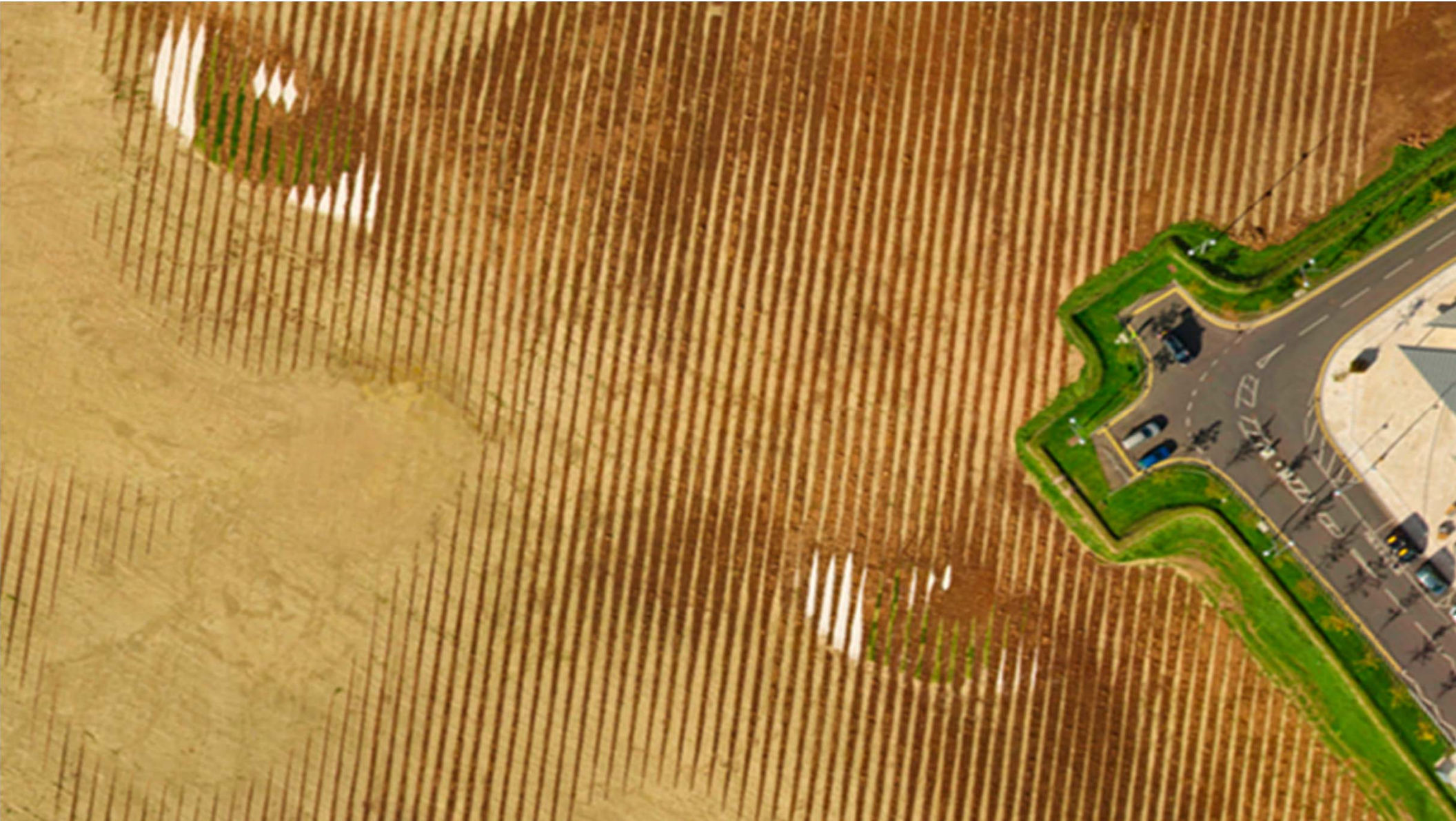EMPRENDE Incubadora de Negocios Tecnologicos
Parque Cibernetico Santo Domingo

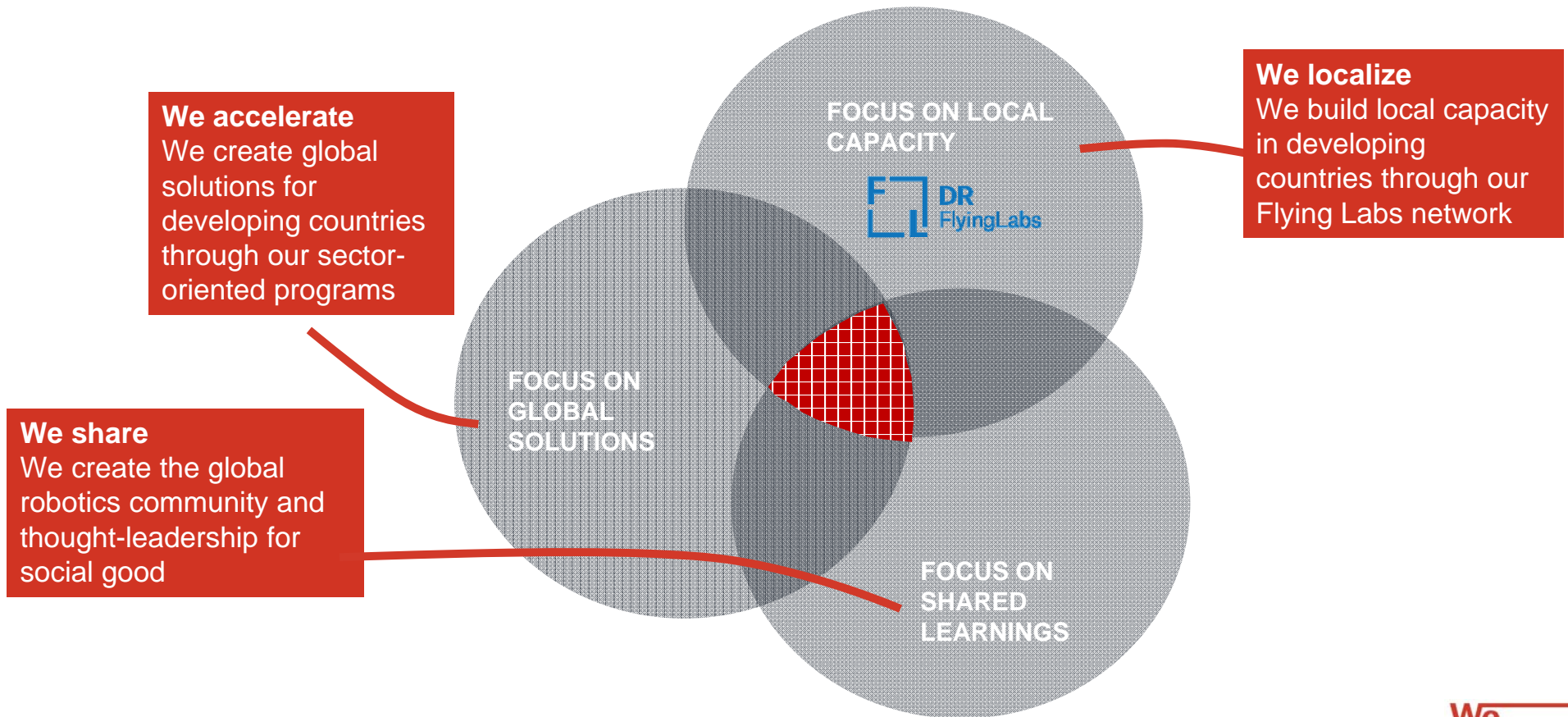✉ orlando@emprende.org.do

🐦 @orlandoperez85

# We believe robotics should benefit all

Robots are radically transforming multiple industries through rapid and dramatic gains in **efficiency** and **productivity**.

We want to create the same impact in a **responsible** and **meaningful** way by building both **global solutions** through programs and **local capacity** in developing and at-risk countries.

# WeRobotics Activities



**We accelerate**
We create global solutions for developing countries through our sector-oriented programs

**We share**
We create the global robotics community and thought-leadership for social good

FOCUS ON LOCAL CAPACITY
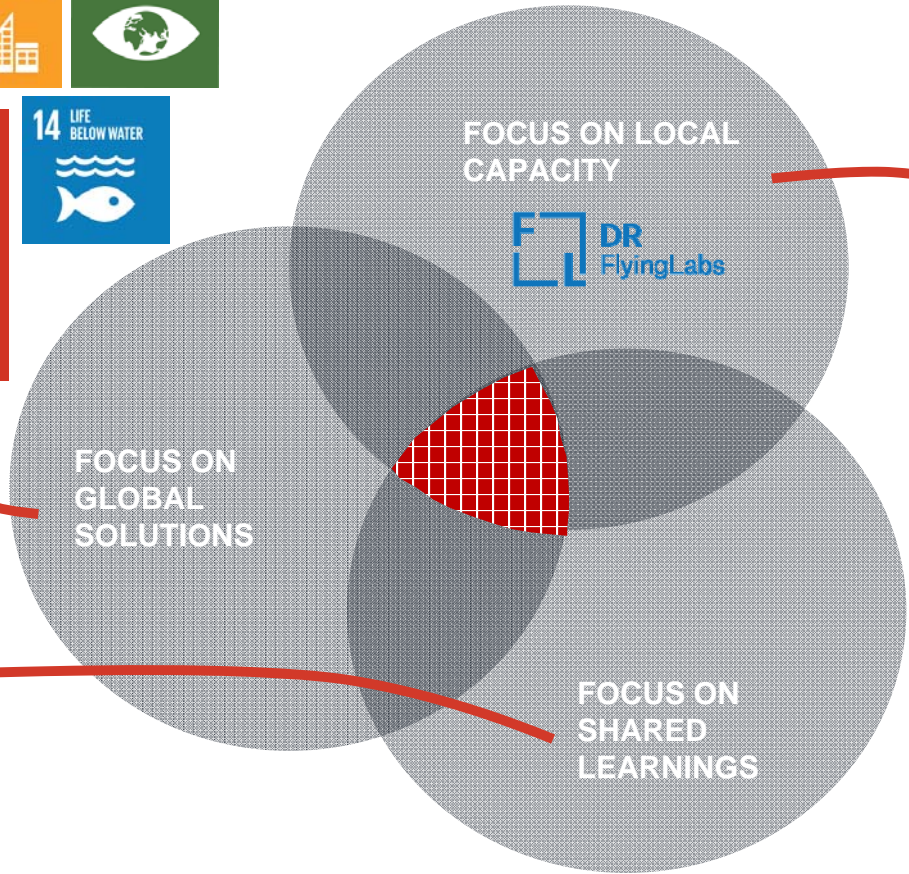
**We localize**
We build local capacity in developing countries through our Flying Labs network

FOCUS ON GLOBAL SOLUTIONS

FOCUS ON SHARED LEARNINGS

DR FlyingLabs

WeRobotics

# Addressing 9 SDGs

# WeRobotics Flying Labs Network

**WeRobotics builds local capacity in Developing countries through its global Flying Labs Network:**

The goal of Flying Labs is to create local robotics capacity addressing social good solutions. Flying Labs also contribute to building up local markets and creating new jobs through the use of robotics technology and data products.
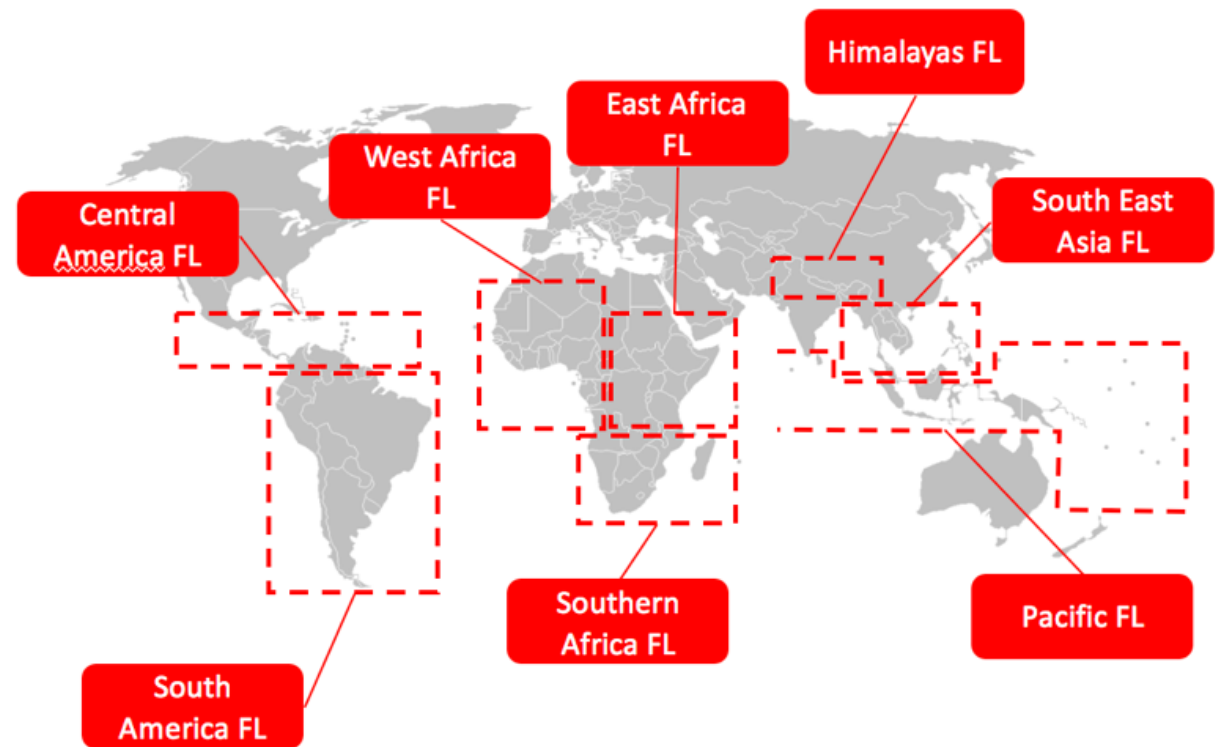
# Partners

Our partners are essential to our Business Model and to future scaling of our organization. Here a selection of our partners.



## Donors

The ROCKEFELLER FOUNDATION

WILLIAM + FLORA Hewlett Foundation

USAID FROM THE AMERICAN PEOPLE

AUTODESK FOUNDATION

ATLASSIAN FOUNDATION

Australian Government
Department of Foreign Affairs and Trade

## Technology companies

esri

Parrot

DJI

PIX4D

MapBox

senseFly

## Social Good Organizations

UNDP

MEDAIR
EMERGENCY RELIEF AND RECOVERY

WFP World Food Programme
wfp.org

AUSTRALIAN RED CROSS

unicef

# Why Labs ?

Improve Decisions

Change Policy

Create Jobs

Grow Markets

# What Labs Do

Tech Transfer
Trainings
Projects
Business Incubation
Startups
Connect Ecosystems

# Activities

**DR FlyingLabs**

**Trainings**
- Applied Robotics Hardware and Software trainings
- Local training tracks of WeRobotics sector-oriented program tracks

"Drone as a Service" Business Incubation Programs & Facilitation of project opportunities / Hard- and Software rental / Repair capabilities

Projects for Social Good sector addressing WeRobotics' sector-oriented program tracks / Advisory services
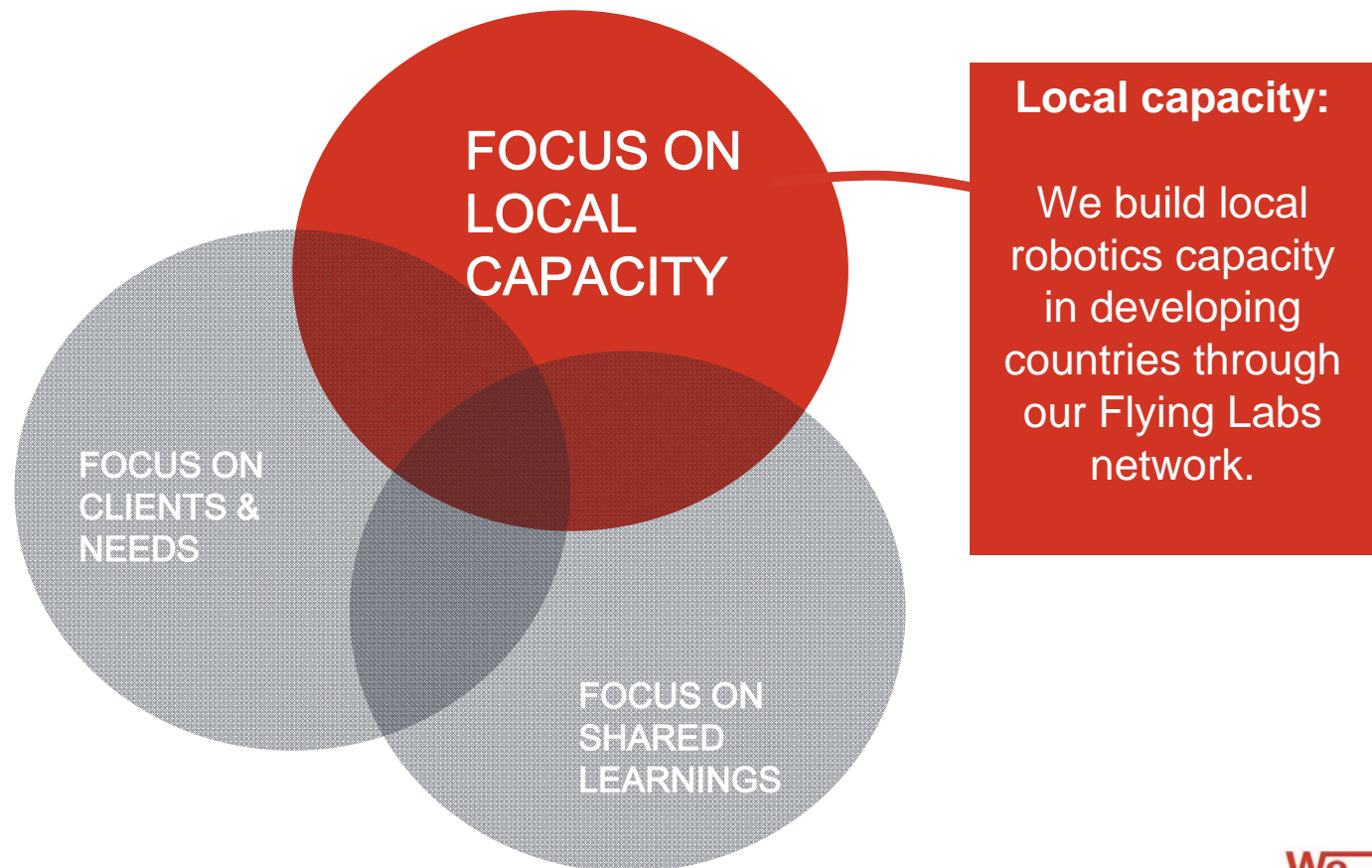
Facilitate and strengthen local and regional Robotics Eco-System and RaaS marketplace / Link to WeRobotics global community / Provide guidelines and share learnings

BUILD LOCAL & REGIONAL SKILLS

CATALIZE LOCAL BUSINESS

ECO-SYSTEM

INCREASE LOCAL & REGIONAL IMPACT

**WeRobotics**

# Our focus on local capacity building:

# Our Framework:
## to build local robotics capacity

**1**

**Identify local needs:** Identification of needs and most adapted robotics solutions.

We Robotics

# Our Framework to build local skills thru training



**2**

**Build local skills**
Technical trainings on how to use robotics hardware and software.

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# Our Framework to build local skills thru projects





**3**

**Increase local impact:**
Practical application of learnings through pilot projects.

# Our Framework to build local skills thru start-ups

**Catalyze local business**
"Drones-as-a-Service" business incubation programs.

**4**

# Innovation and Entrepreneurship in our ecosystem



**Catalyze local business:** "Drones-as-a-Service" business incubation programs.

**Identify local needs** Identification of needs and most adapted robotics solutions

**Increase local impact** Practical application of learnings through pilot projects

**Build local skills** Technical trainings on how to use robotics hardware and software
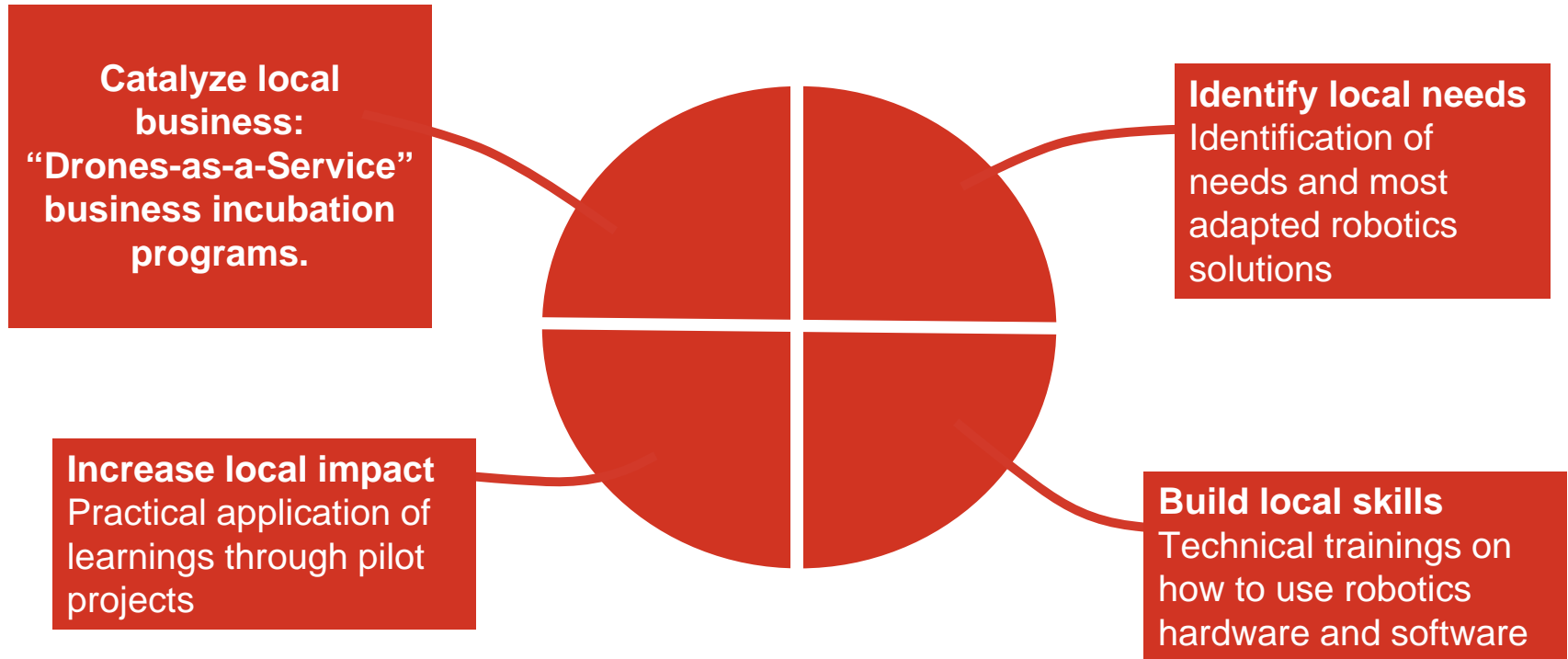
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