

Exposing the dark matter of global production & consumption

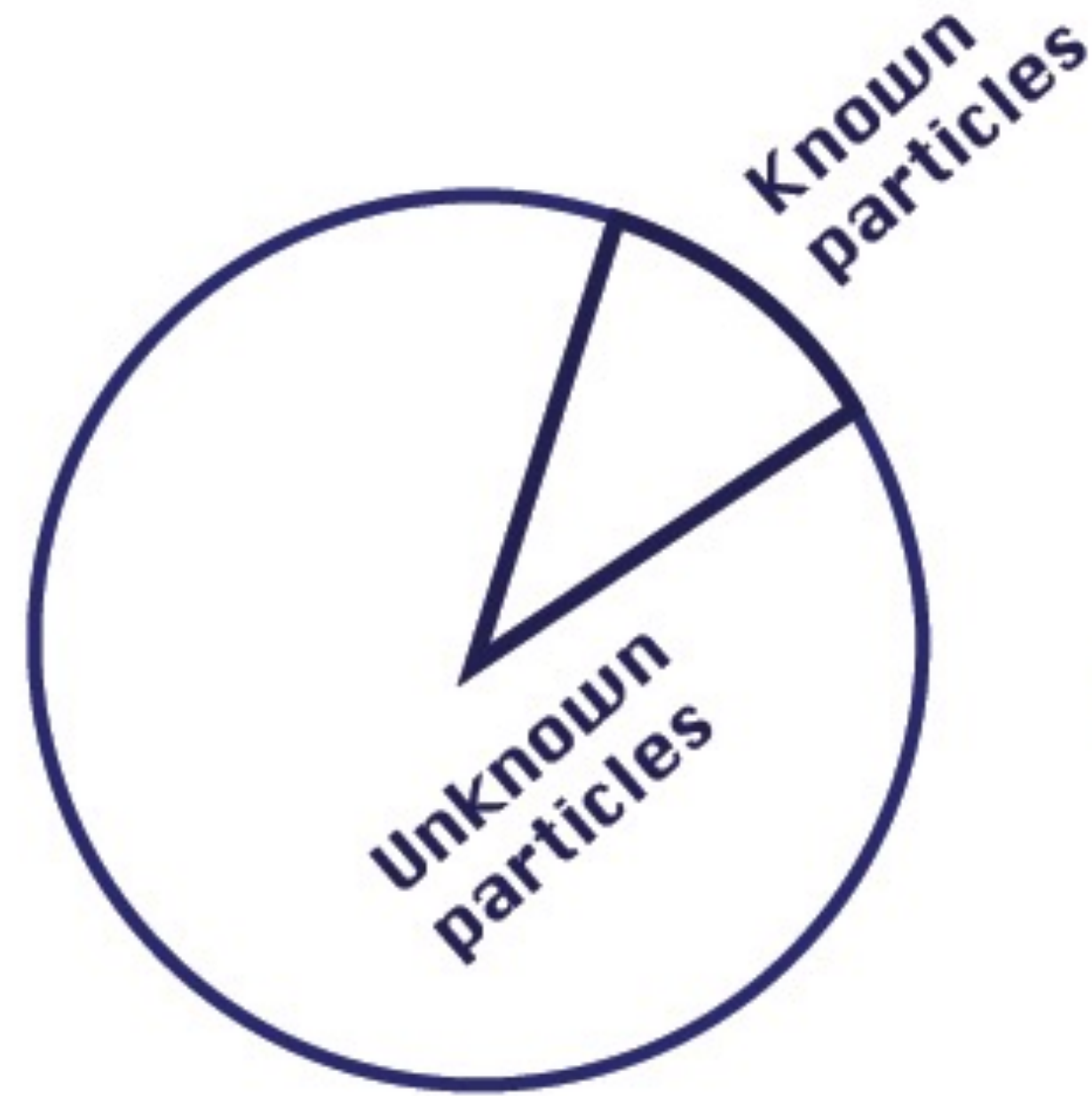
Thanyawan Eamsonthi
Becky Miller

INSPIRATION



ATLAS CONTROL ROOM, CERN

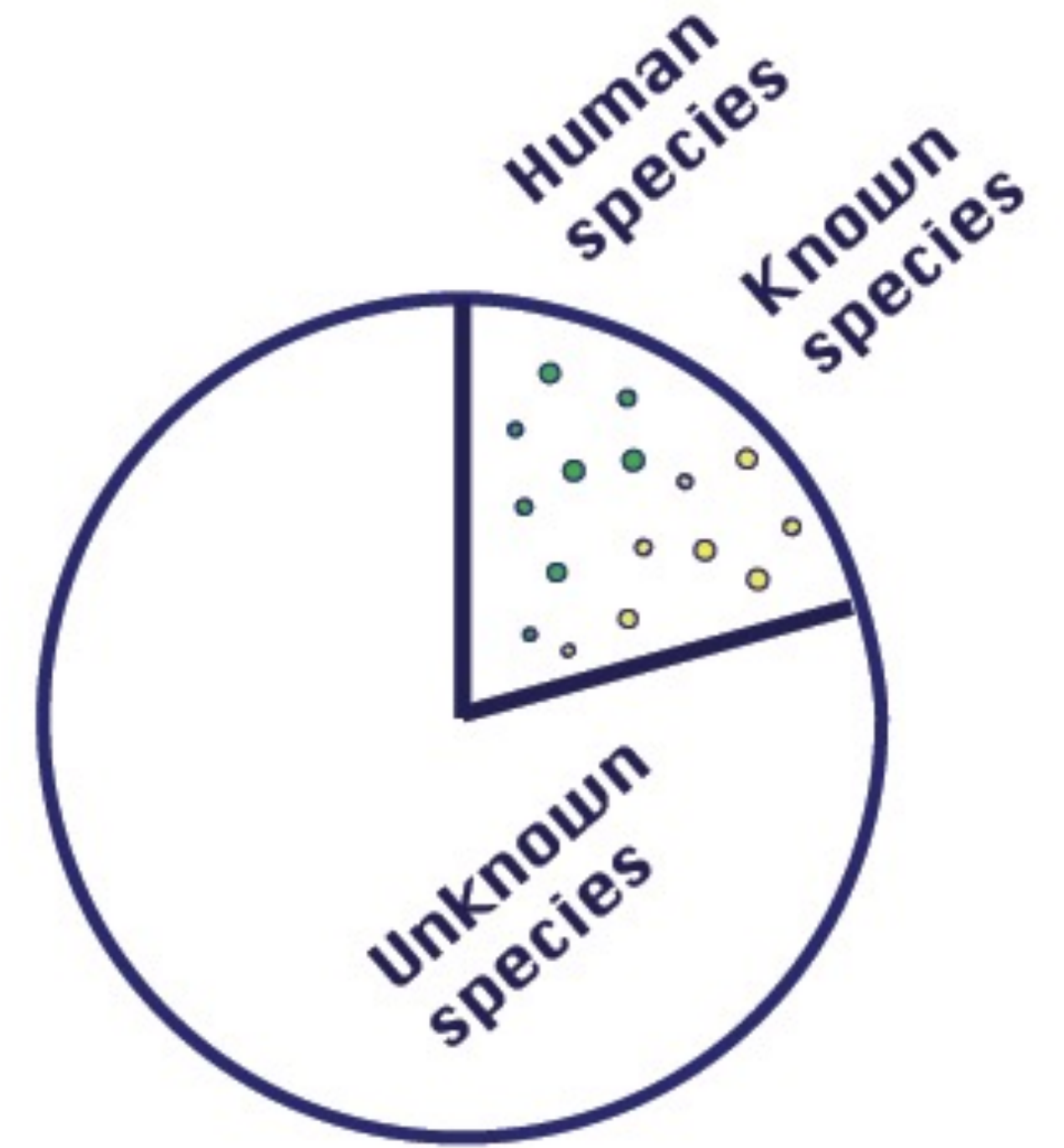
PARARELL DISCIPLINES



**Physics
(Particles Theory)**

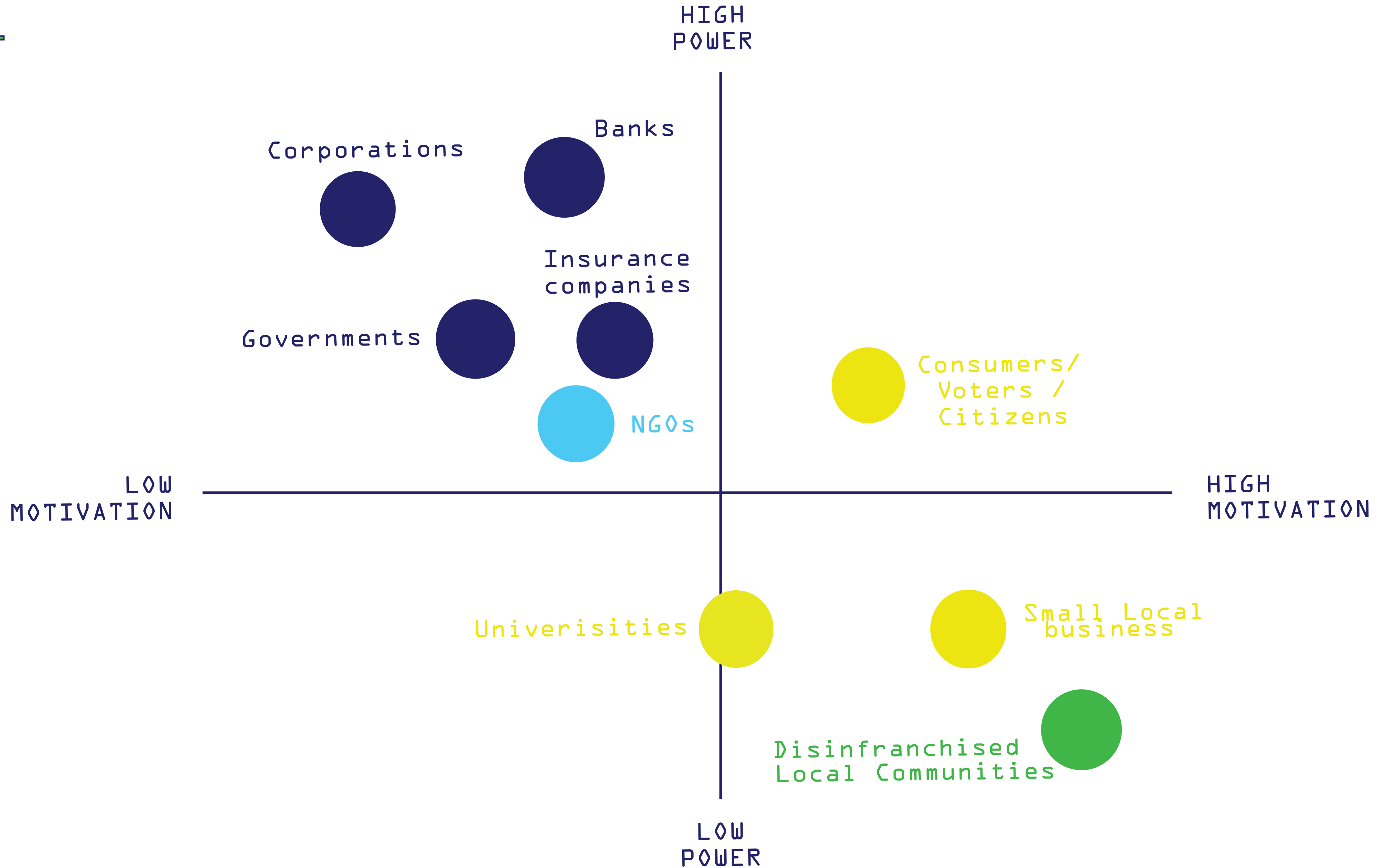


**Economics
(Current economic theory)**



**New Economic
model**

HIGH LEVEL ECONOMIC SYSTEM ANALYSIS



OPPORTUNITY STATEMENT

HOW MIGHT WE USE COMPUTER GAMES
TO INCREASE THE NEGOTIATION POWER
OF DISINFRANCHISED INDIGENOUS COMMUNITIES
WITH THE BIG POWERS OF GOVERNMENTS
& GLOBAL CORPORATIONS?

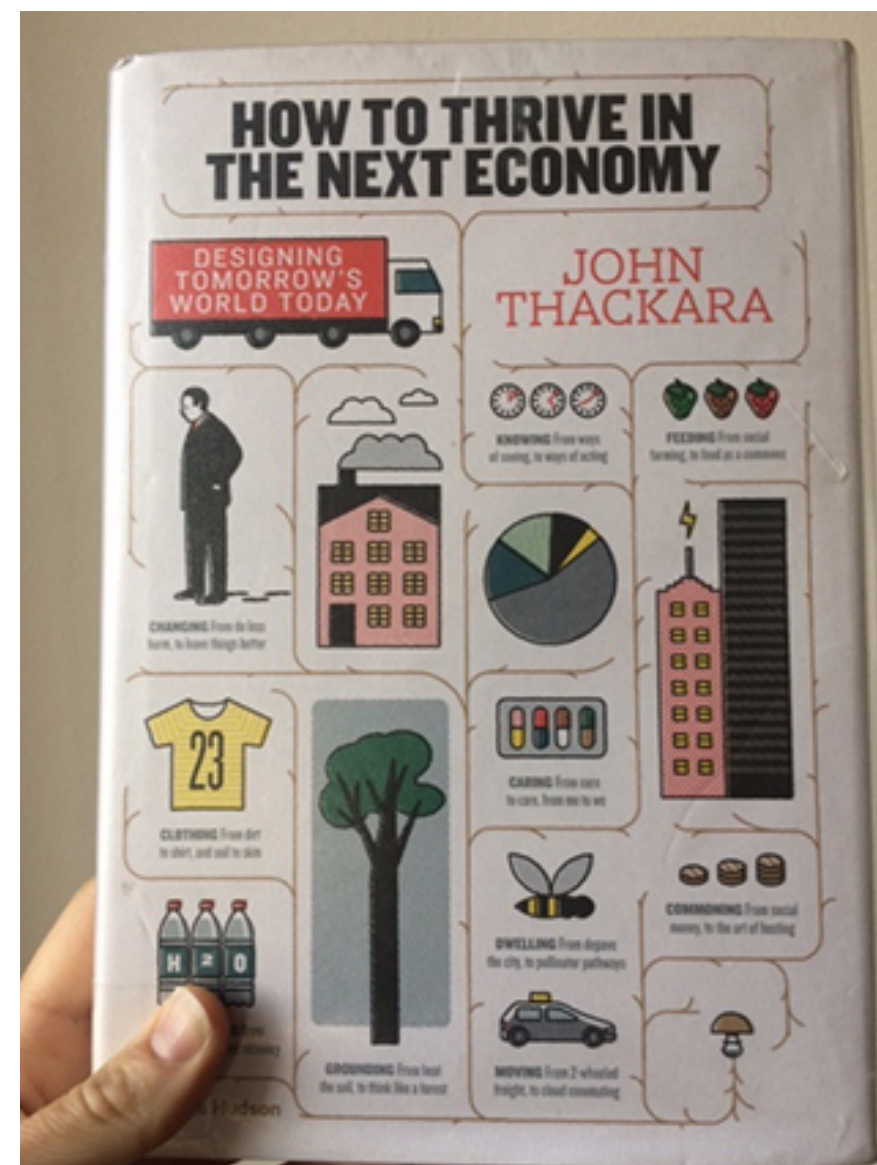
SO THAT THEY MIGHT BETTER PROTECT THEIR
THEIR OWN LIVELIHOOD, LAND AND
ITS INHERENT BIODIVERSITY?



Current State



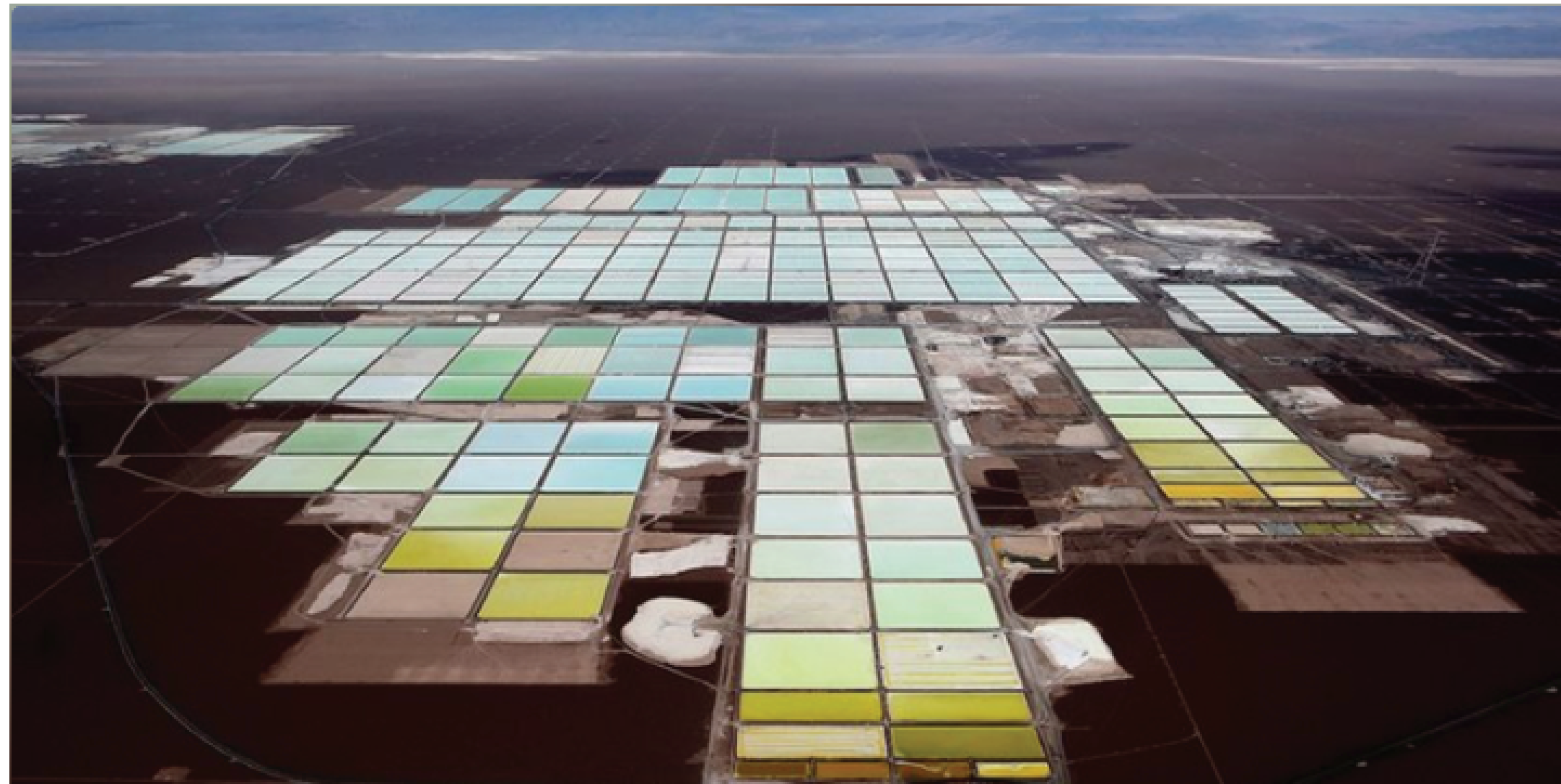
INSIGHTS



"...Emitting messages is ineffective (however evocative) without some kind of follow up action - the actions we need to take are those that reconnect us - viscerally and emotionally - with the living systems we've lost touch with."

- John Thakara, How to Thrive in the Next Economy

FURTHER RESEARCH



OCT
19

Environmental Futures: Architecture & Green Technologies in the Lithium Tri...

by RCA School of Architecture

Free

Around the world, people have lost their lives for protecting a wide range of environmental values ranging from the exposing of waste-dumping, illegal deforestation, land grabs, to opposing the construction of polluting coal plant, mined, and other extractive industries.

Deforestation rates are significantly LOWER where communities have legal rights to the forest.



FOR THOSE WHO DIED TRYING

Photo Exhibition
31 Jan - 5 Feb @ BACC

Harnessing "technology" expose illegal deforestation or land use can help seek remedy and justice

Insights from the community



"We want to speak up on what's happening in our community. But, we have no efficient tools. We use facebook but we need to pay to reach more people. Even the individual journalist these days are influenced by sponsorship money from big corporation."

"Community people don't know a lot about law. The local government is not on our side. We need to create network with other community to share knowledge among ourselves."

Kruem Tadi

- Karen Hilltribe,
Elementary school teacher,
Huay Nam Nak community,
Tak, Thailand

พฤ โอโตเซา

Timeline About Friends 30 Mutual Photos More ▾

DO YOU KNOW พฤ?

To see what he shares with friends, send him a friend request.

30 Mutual Friends

Intro

- Works at ภูเขา แม่น้ำ
- Studied at มหาวิทยาลัยสายลมแสงแดด
- In a relationship
- From Chiang Mai, Thailand
- Joined February 2012
- Followed by 3,860 people

Photos

พฤ โอโตเซา was live.
November 14 at 1:42pm · 🌐

เนื่องครบรอบคล้ายวันเกิดผมปีนี้ขออนุญาต โชว์ขนมเค้ก ชื่นใหญ่ที่สุดในโลก ผู้มอบจาก ธรรมชาติบรรพชนครอบครัว มอบรางวัลที่สำคัญสุดนี้ให้ครับ

Nikom Putta Timeline ▾ Recent ▾

- Studied at Ramkhammaeng University
- Went to โรงเรียนธรรมราชศึกษา
- Lives in Chiang Mai, Thailand
- From Chiang Mai, Thailand
- Followed by 1,114 people

เต็มต้นปี
ณ ภูเขามะลิ (Pae Ma)

chiangdaocamp.com

Photos

Photo/video Feeling/Activity ...

Post

Pom Chamaiporn ▸ **Nikom Putta**
November 13 at 9:17am · 🌐

โครงการศึกษาธรรมชาติดอยหลวงเชียงดาวปี2560รุ่น2 วันที่10-12พย.
ขอบคุณอาจารย์อ้วนมากคะ ..สนุกและประทับใจที่สุด..trekkingครั้งแรกในชีวิตก็หลงรัก ดอยหลวงเชียงดาวซะแล้ว..มีโอกาสดูกลับไปอีกแน่นอนค้า 😊 — with Nikom Putta.

Insights from the NGOs



" I learn that in every conflicts, there are no one such devil and angle. It's all about making compromise between the community and the big corporation or the government."

"I think the most essential part of working with the community is finding the real need in the community. Maybe the even community doesn't know that, but understanding the community context before designing anything for them is very important."

Chawanad Luansang

- Community Architect,
Community Architecture Network (CAN),
Ashoka Fellow, Thailand

PRIMARY RESEARCH



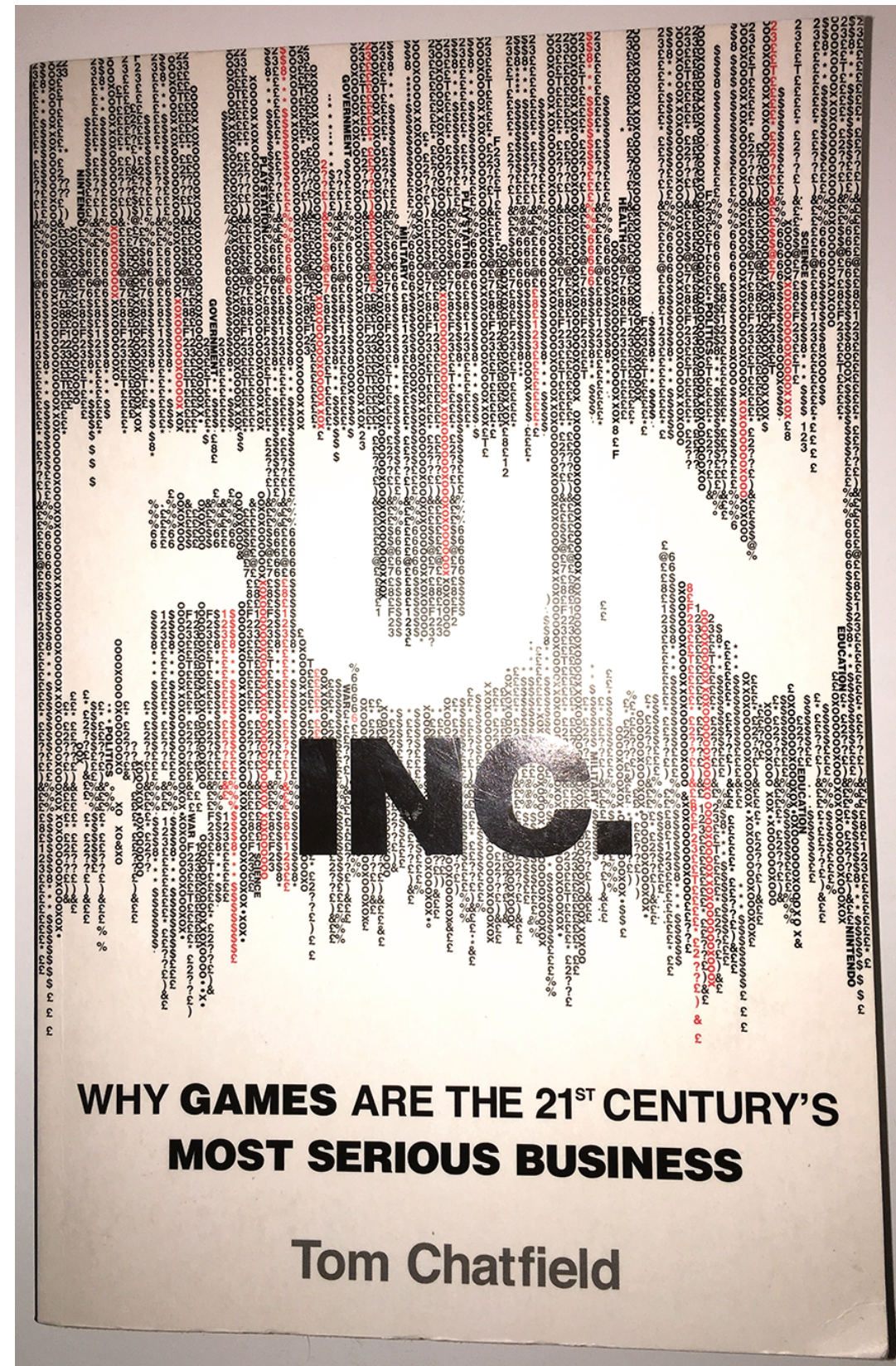
IMPERIAL COLLEGE GAMING SOCIETY

"...they can gain the perspective of being someone else and to be in a place of other's imagination."

"I don't play a game to change the world"

"Its like reading a book; you come away with memories of places you have been and things you have done."

Market Insights



FUN INC - Why Games are the 21st Century's Most Serious Business - Tom Chatfield



Empathy, Perspective & Complicity: How Digital Games can support Peace Education and Conflict Resolution - Paul Darvasi, York University

"Virtual Worlds may also be the future of e-commerce and perhaps the internet itself."

"Economically, the global video game market is expected to generate over \$100 billion dollars by 2017, outpacing both film and music and, in the USA, revenue from video games has surpassed film and music combined."



**SUPER
SYMMETRY**

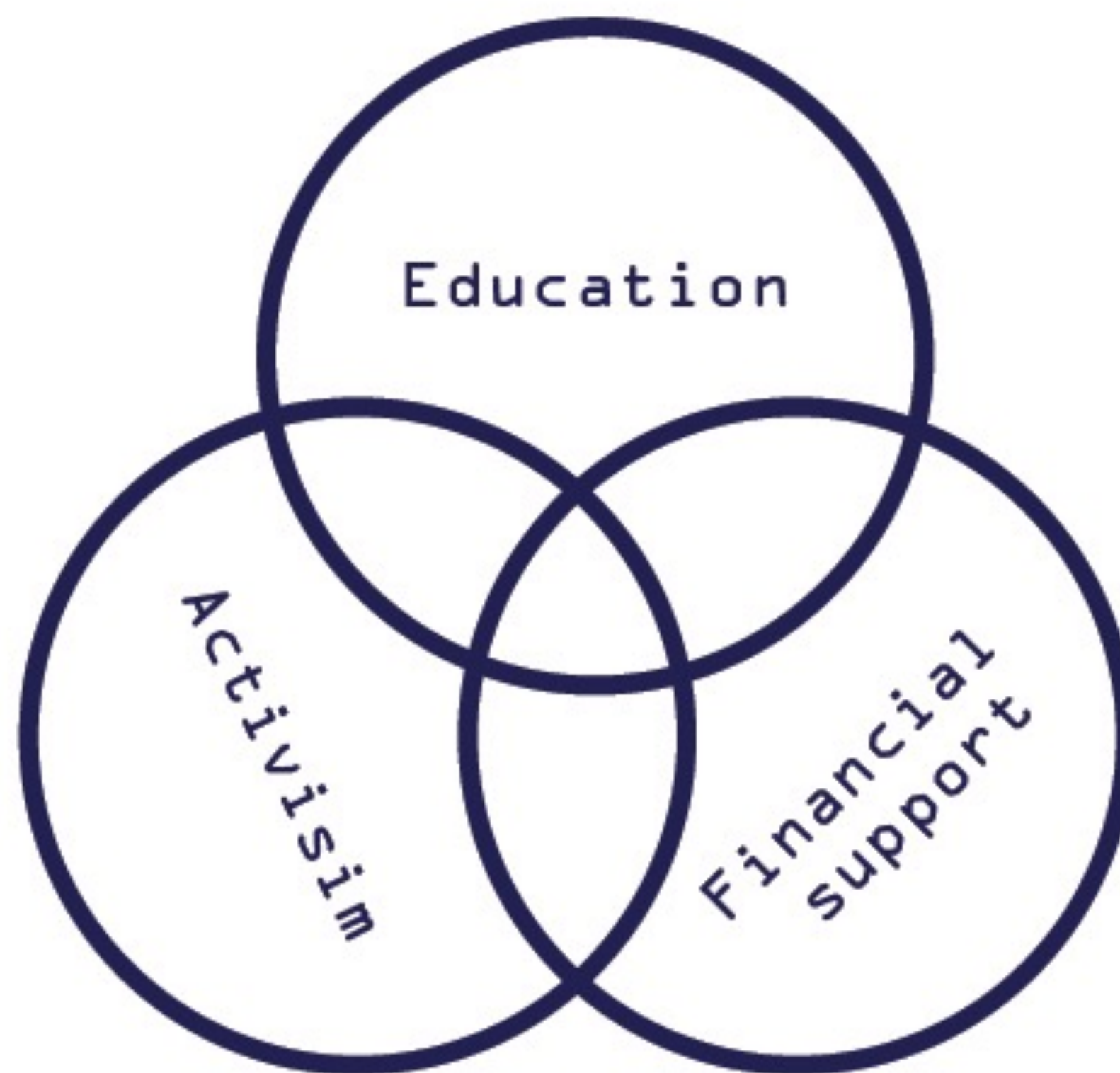
FEEL THE POWER

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Value proposition

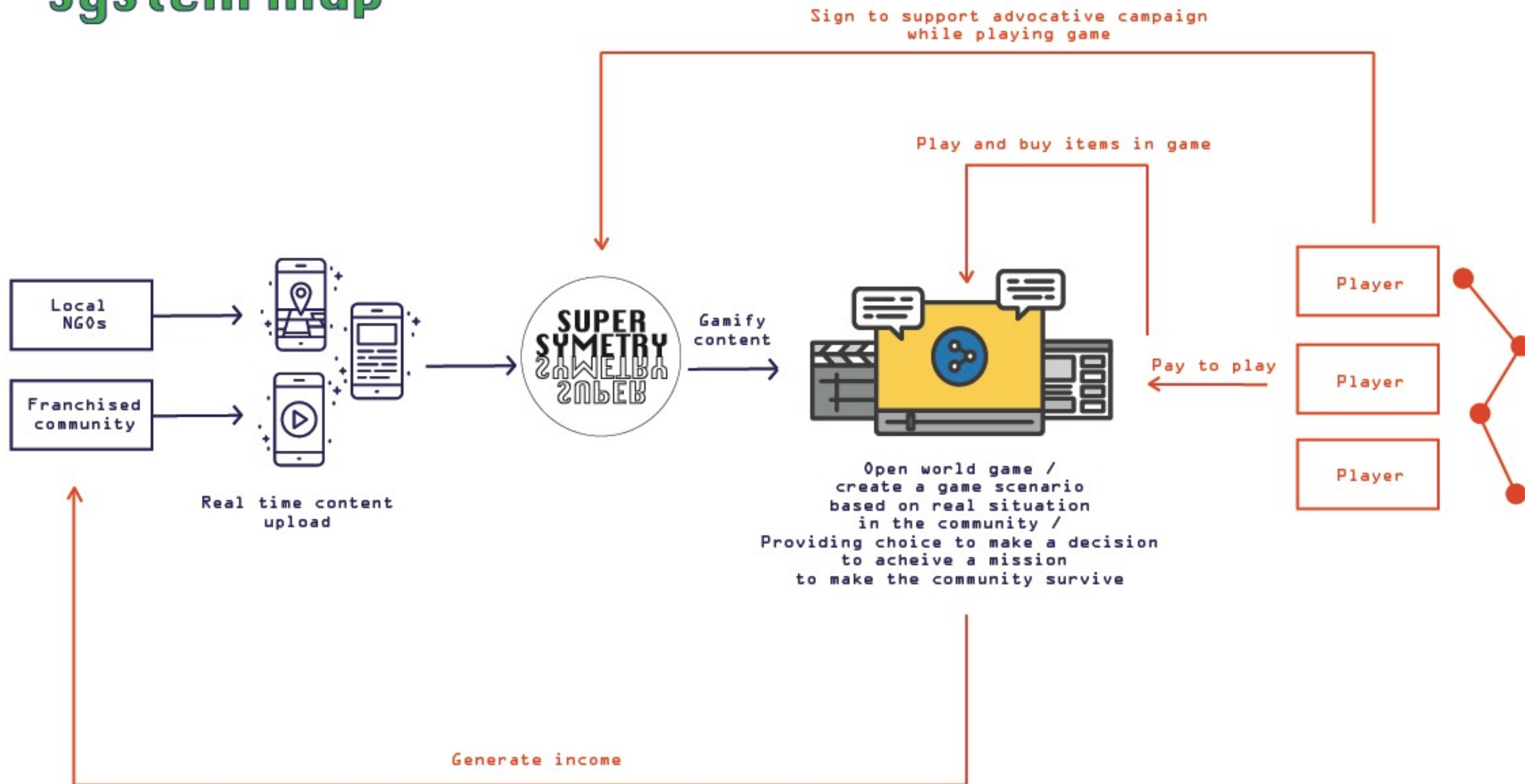
Interactive &
Real time local journalism
and knowledge sharing



Immersive experience
based on real activism
in the far-reached
local areas

Generate income for
the local community

System map



Mission : Make the community survive

Game Introduction



Choose community

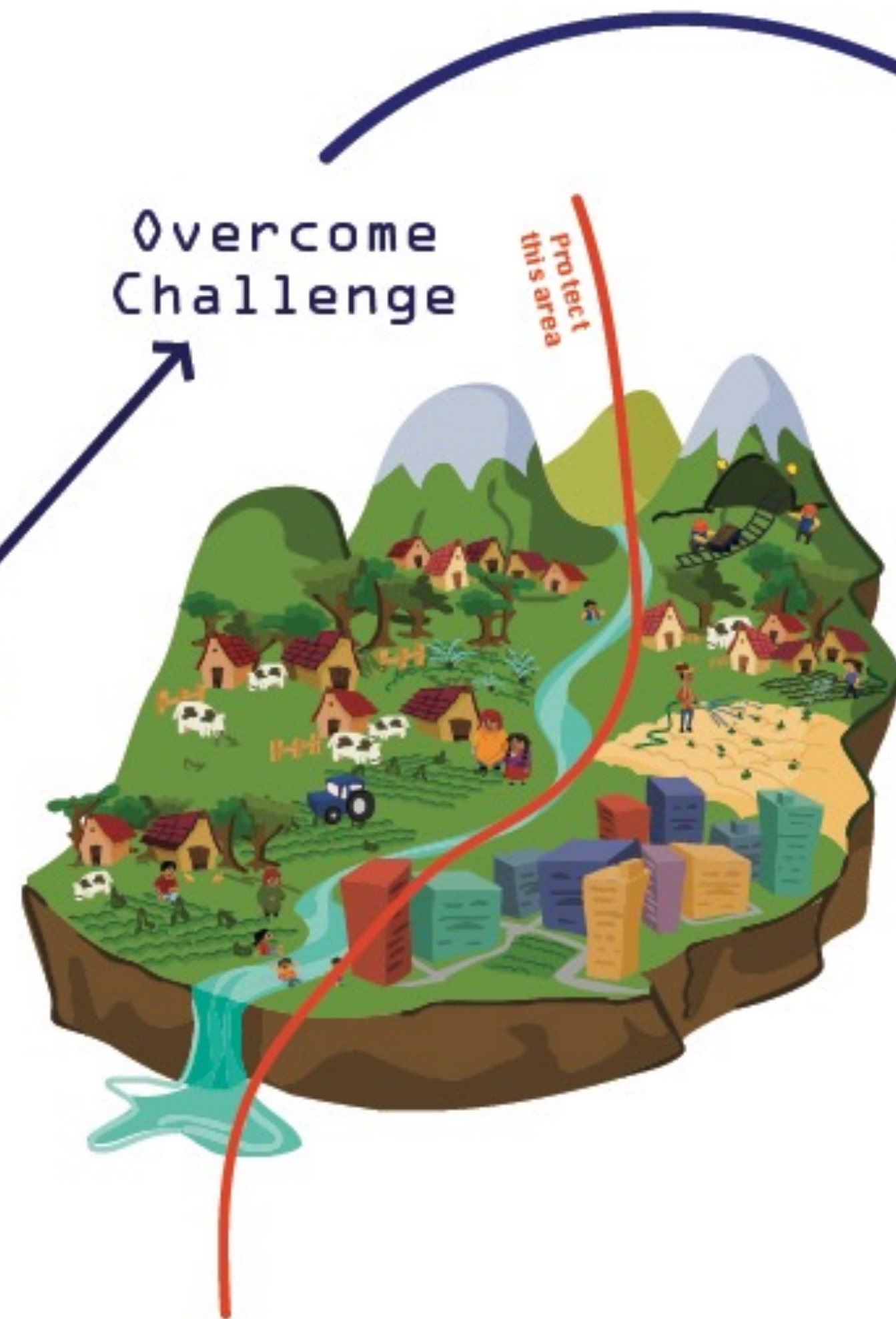


Explore



Gather resources

Build your base



Overcome Challenge

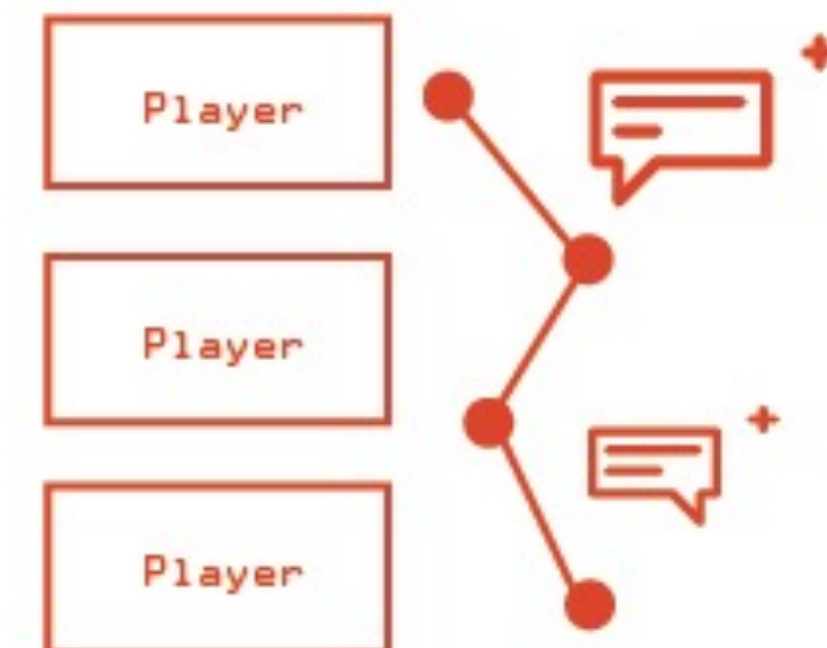
Gain tools & human resource

Factors to survive

1. Education
2. Map the community territory
3. Start local business to accumulate fund
4. Lobby the government
5. Create a compromise with the big corporation
6. Protest
7. Bring the issue into court

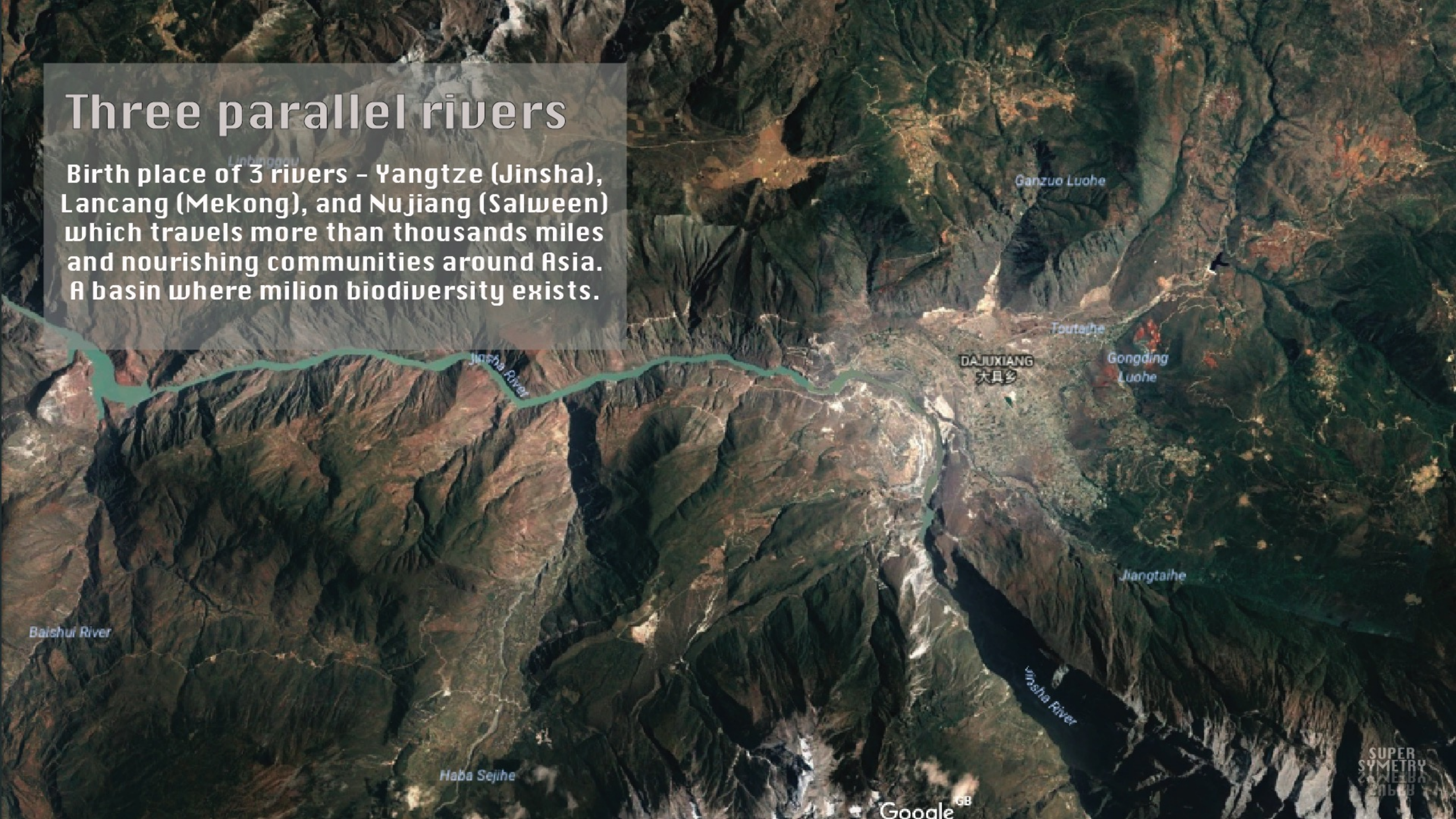
Create network

The player in the different community help each other to achieve the mission



Three parallel rivers

Birth place of 3 rivers – Yangtze (Jinsha), Lancang (Mekong), and Nujiang (Salween) which travels more than thousands miles and nourishing communities around Asia. A basin where milion biodiversity exists.



Huay Nam Nak

Location : Tak, Thailand

Main resource : Moi River,
sub-Salween river

Population : 20,000 ethnic people

Main occupation : Farmer

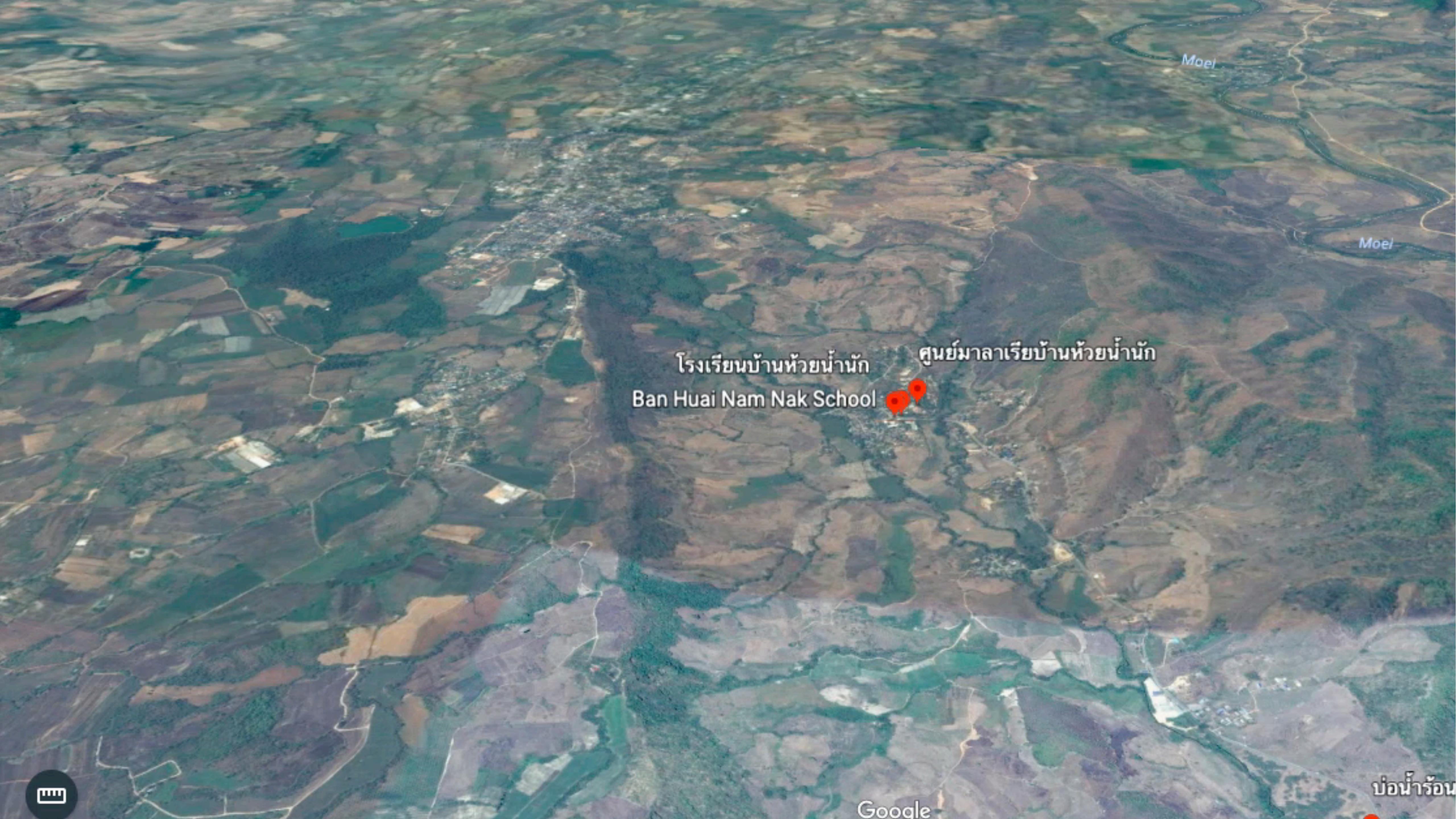
Threat : Factory constructions

โรงเรียนบ้าน
ห้วยน้ำนํก



ศูนย์มาลาเรีย
บ้านห้วยน้ำนํก



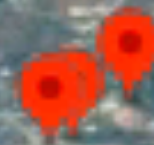


Moel

Moel

โรงเรียนบ้านห้วยน้ำน้ก
Ban Huai Nam Nak School

ศูนย์มาลาเรียบ้านห้วยน้ำน้ก



Google

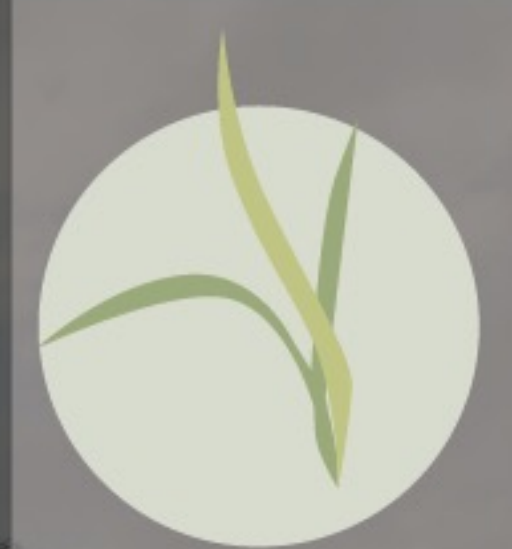
บ่อน้ำร้อน



EXPLORE



Your resource :



Jasmine rice



Skills



network



THREAT info

Latest update: 15 Nov 2017 18:57 UTC

SOURCE: SSuser0035

Description:

A frozen food processing factory is proposed for an area of the Common Land on the north edge of the village.

Size:

32.4 hectares

Threat origin:

KRAFT Foods Inc., Opera Boulevard, New Town, Bangkok

Status:

Planning permission is being sought by KRAFT Food Inc. by directly approaching the local people who have the rights to the land.

your MISSION >>

THREAT DETECTED

SUPER
SYMMETRY
2016/17
2016/17

>> Find TOOLS

Several people in the village have tools that can help you document the threat - find the person with the camera, internet connection, and computer. You already have notebook and pens.

>> build NETWORK

There are 12 other villages in this part of Thailand that have experienced a similar threat, find the other villages and use their knowledge to help you. Don't forget to use the local radio stations.

