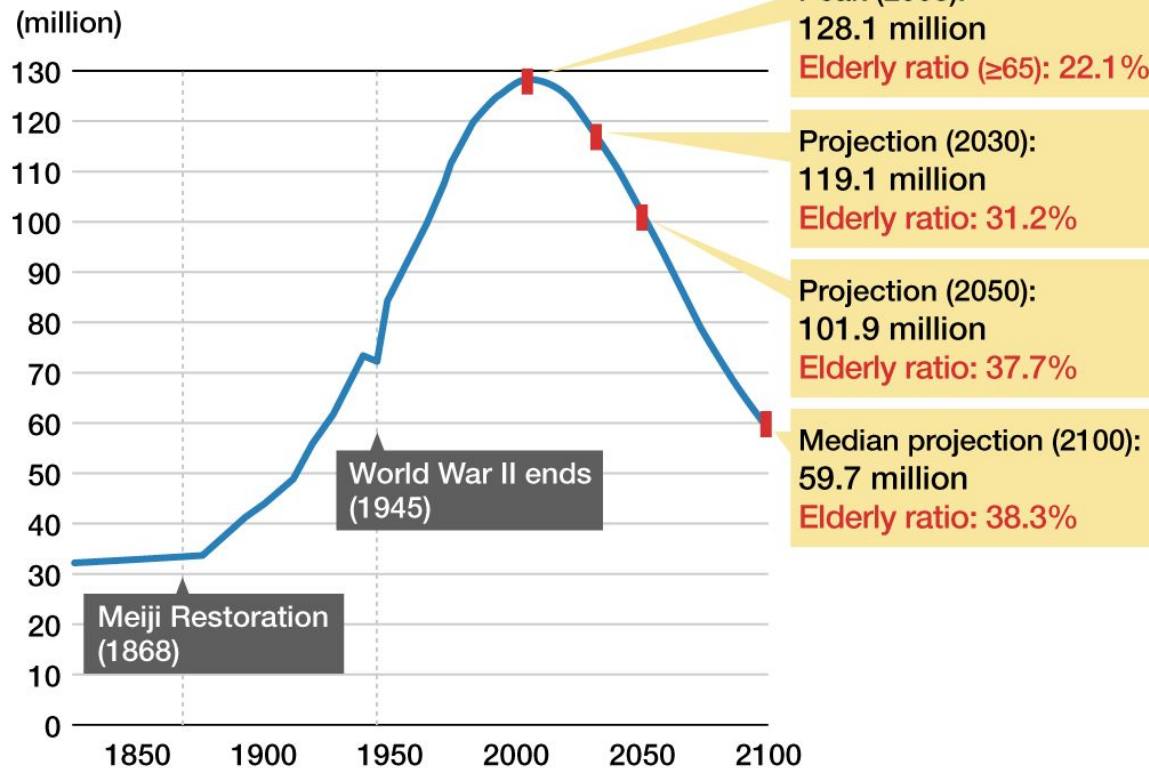


Tackling East Asia's Population Decline Issues with  
*Local Coop's* Subsystem for Local Governance

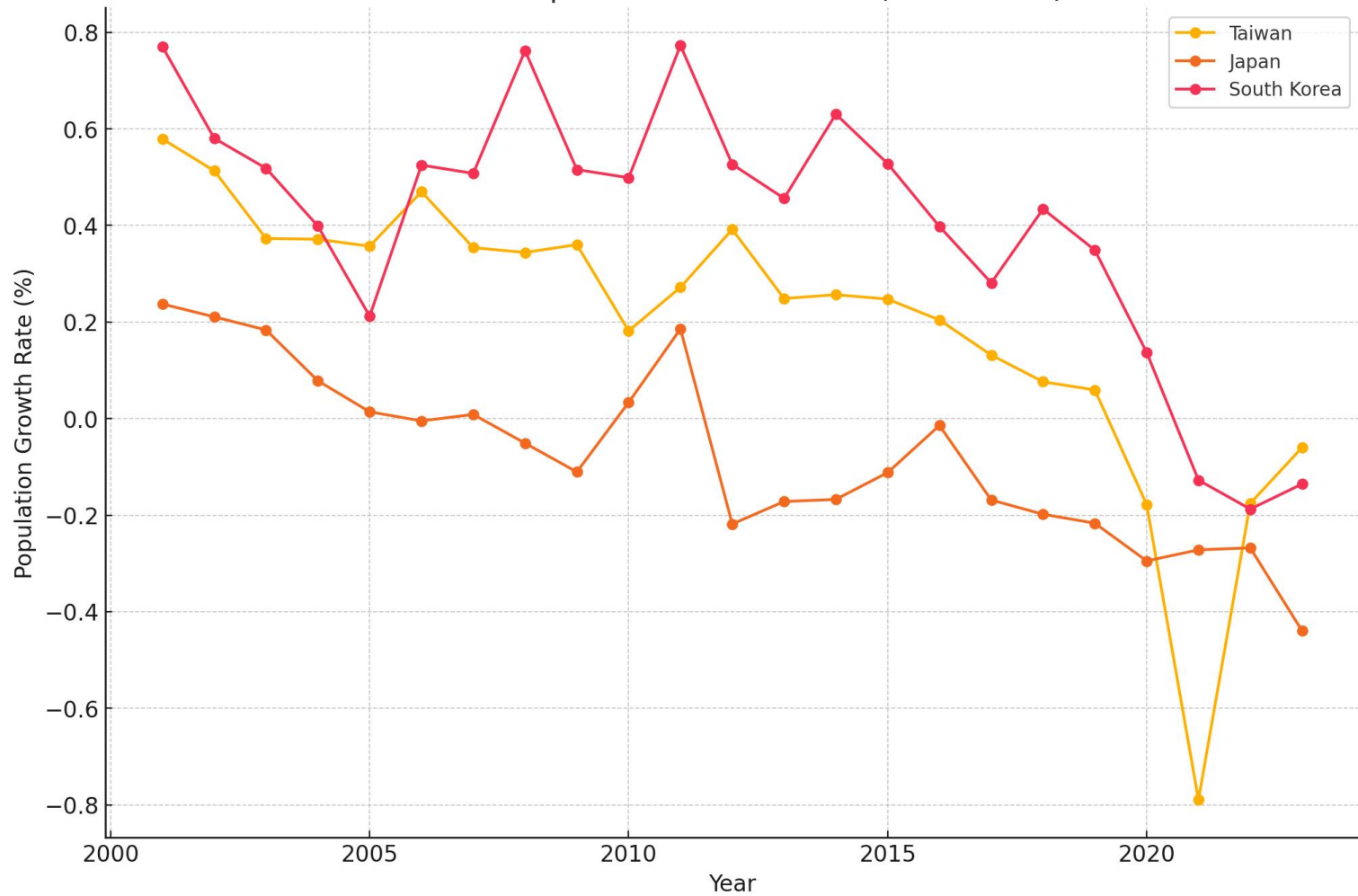
**Atsushi Hayashi 林篤志 @paramita**

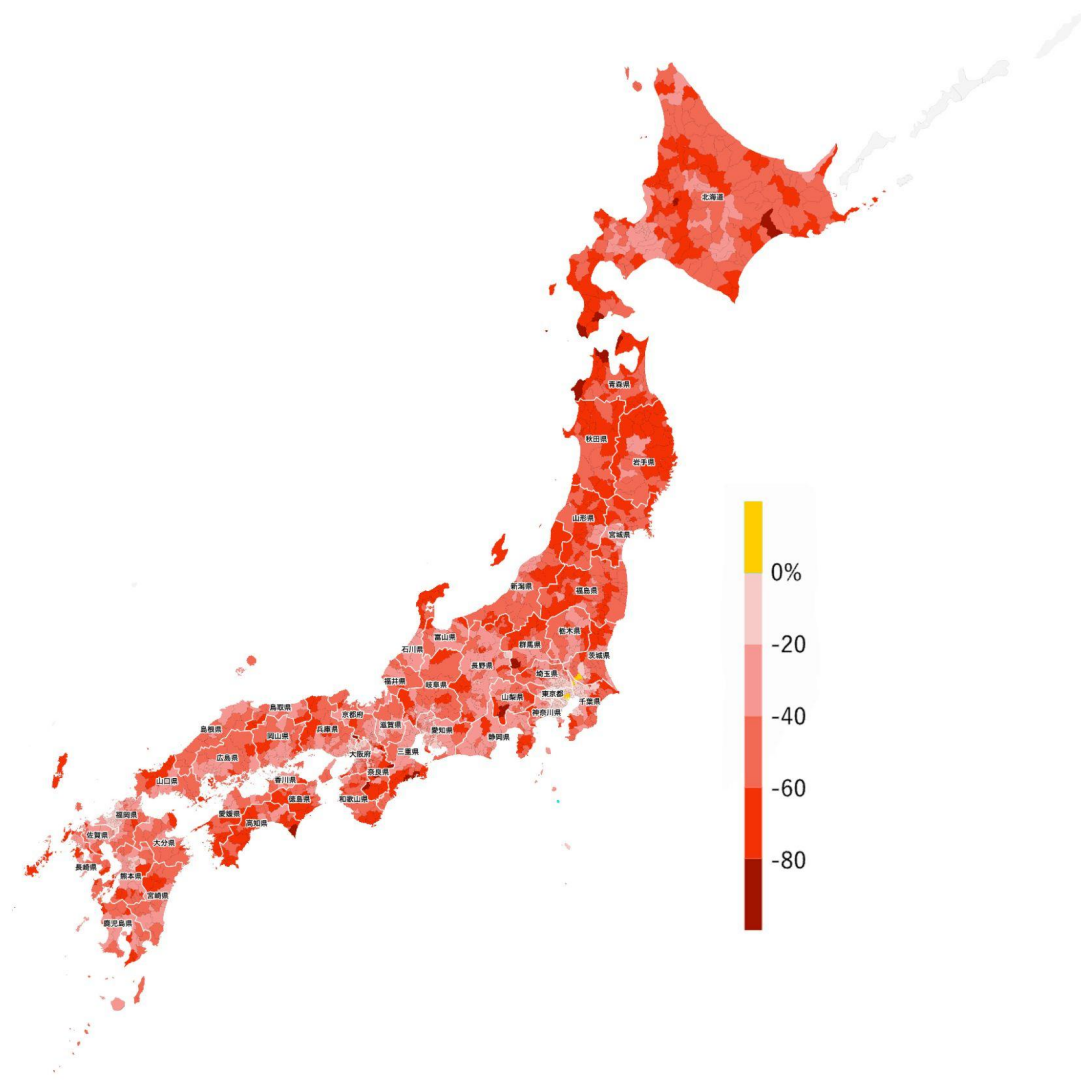
# Japan's Population



Created by the author based on the Long-Term Analysis on Population Distribution in Japan (National Land Agency, 1974); additional data for 1920 onward from the National Census and the Revised and Interpolated Population Figures for the 2005 and 2010 National Censuses (Ministry of Internal Affairs and Communications) and Population Projections for Japan (National Institute of Population and Social Security Research, 2017).

Annual Population Growth Rate (2000-2023)





## 〈 AS-IS 〉

Local Government is responsible for  
public services & infrastructure.

Local  
Government

Local Government = Traditional Community OS

→  
Making Local  
Government streamline  
by shifting to  
decentralized structure

## 〈 To-Be 〉

Shifting to the decentralized society by  
enabling communities to manage public  
services in more autonomous manner.

Local  
Government

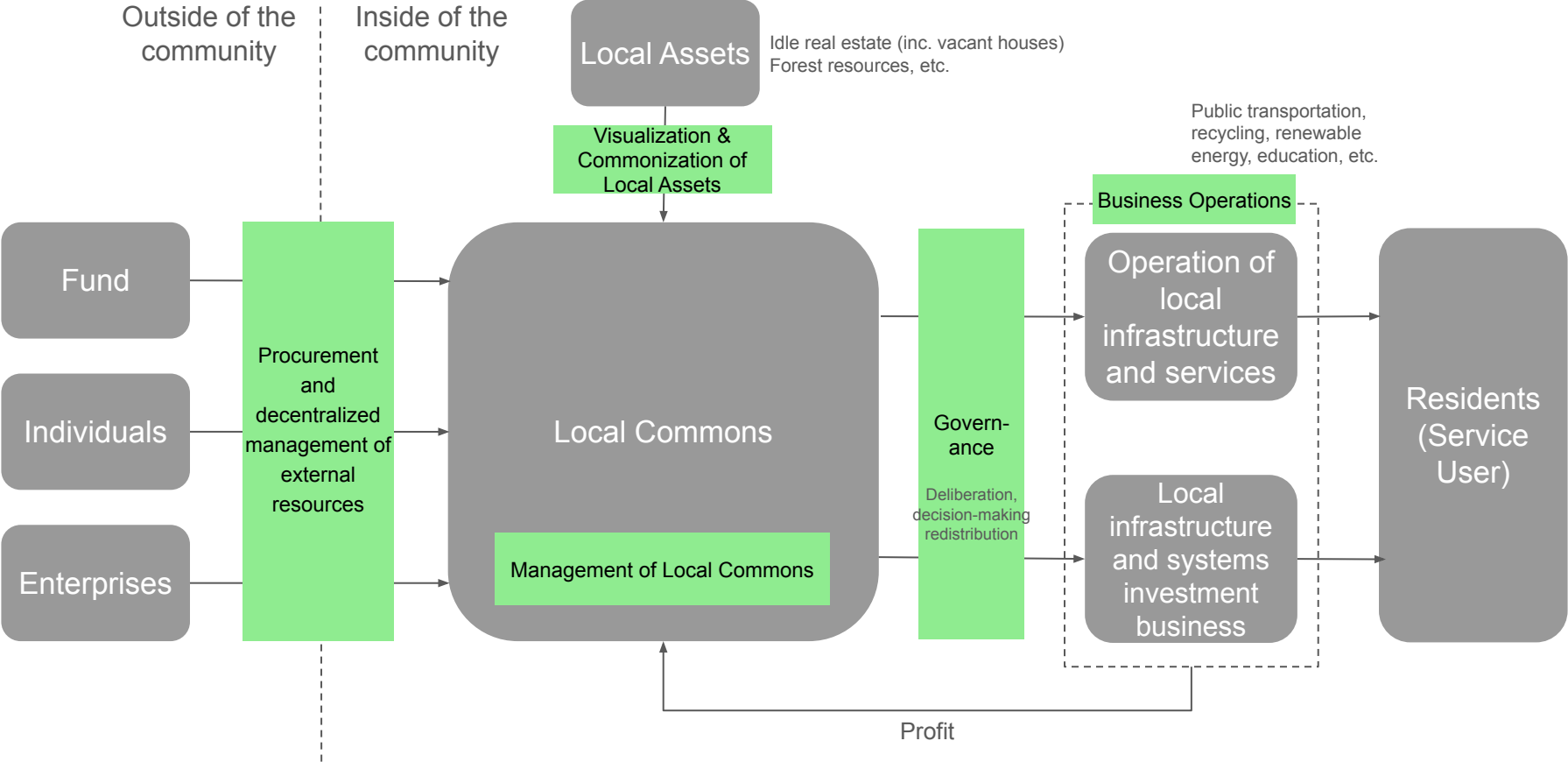
Local coop  
Community

Local coop  
Community

Local coop  
Community

Local Government (main) + Local Coop (Sub)  
= NEW Community OS

# Local Coop Functions



# Alive or Gone The Marginalized Village Yamakoshi

A beautiful mountain village with true Japanese landscape

Chuetsu Earthquake 2004 ▶ Complete Evacuation

---

The merge into Nagaoka City ▶ Disappearance of Yamakoshi Village ▶ The earthquake and the merge have created strong momentum for local community building.

---

2,200 residents in 2004 ▶ Below 770 Residents

---

Closed daycare centers, combined elementary and junior high schools, reduced medical services, and removed public transportation.

---

Declining in the function of maintaining village ▶ Devastation of mountains, weakening social cooperative system.

---




We believe that NFTs can be utilized as

## Digital Art × Digital Resident ID

- ① Building a community with NFT as a touch point
- ② Gathering wisdom and resources across the globe
- ③ Own financing





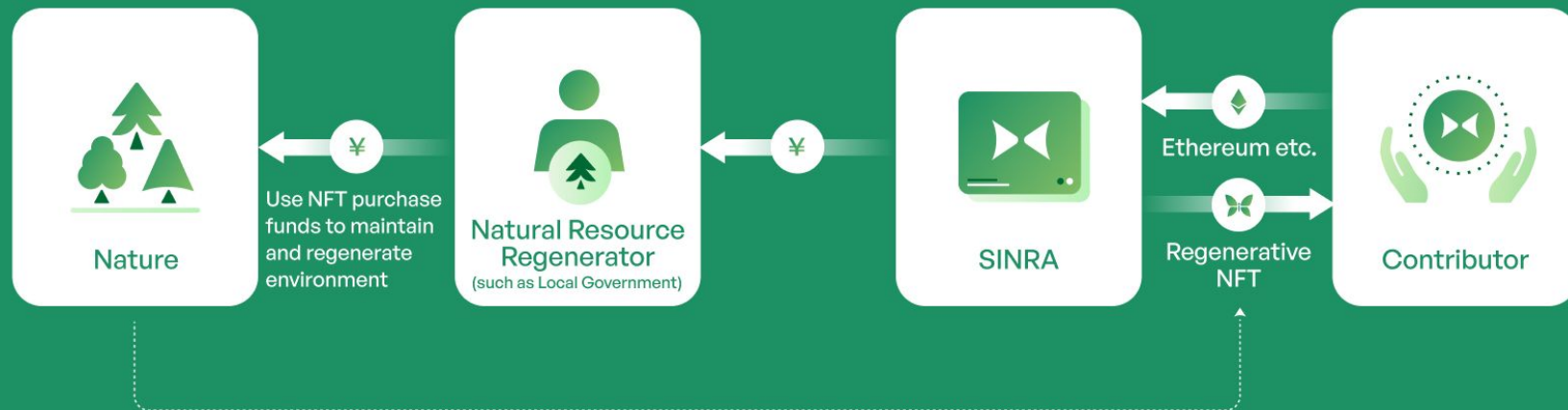
A woman with short, layered reddish-brown hair and bangs is smiling and looking down. She is wearing a bright yellow sweater with a black collar. The background is a soft-focus green landscape.

Yes. Whether you live in Japan  
or anywhere else in the world,



A balance between continually **regenerated nature**  
& sustainably continued **local communities**  
by using blockchain technology.

# SINRA's Business Scheme



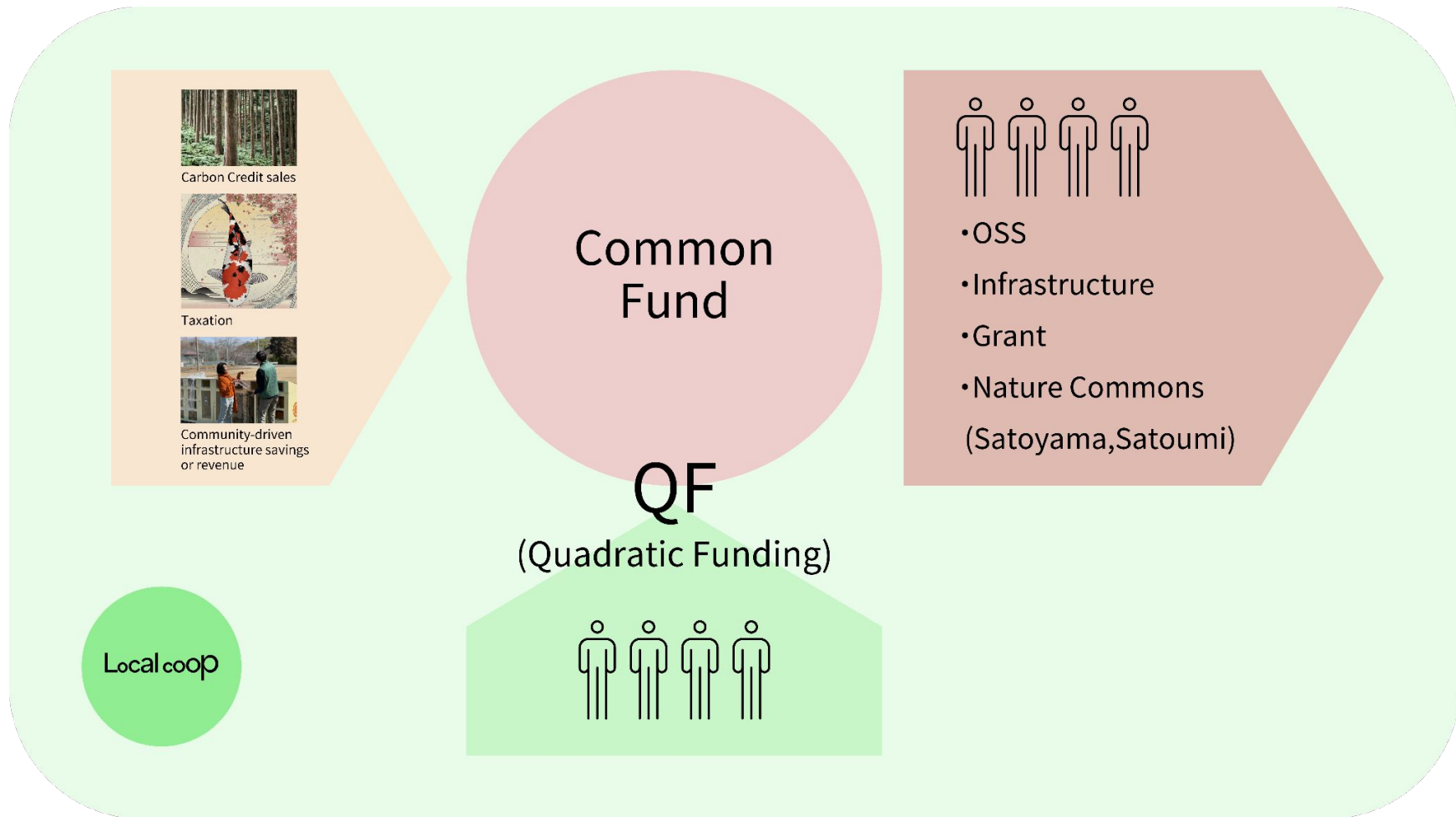
The right to request the transfer of carbon credit will be given to "Regenerative NFT" created from natural resources

**Democratization of Emissions Trading → Individuals' Access to Carbon Credit**

## Partnership with Owase City, Mie Prefecture

### - Community Development with a Watershed View of the Forest, SATOYAMA, and the Sea









## Tsukigase

Population: 1,200



## Tatsugo, Amami

Population: 6,000



## Misakubo

Population: 1,600



## Owase

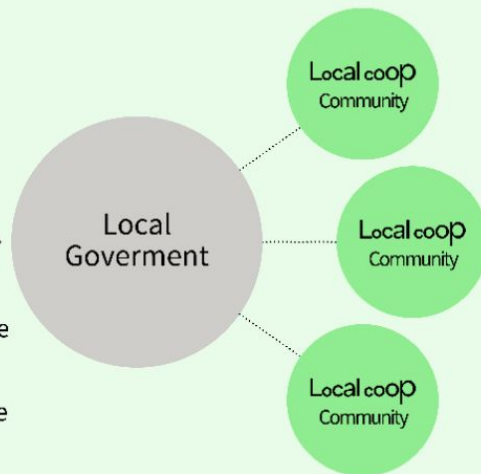
Population: 15,000



Making Local  
Government streamline  
by shifting to  
decentralized structure

## < To-Be >

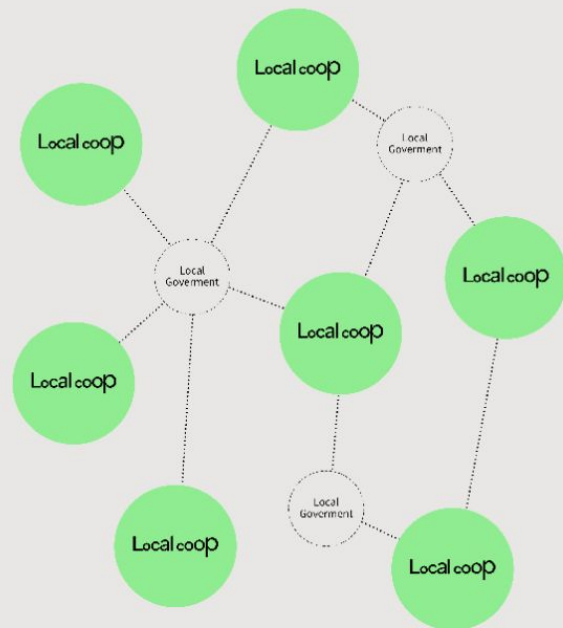
Shifting to the decentralized society by  
enabling communities to manage public  
services in more autonomous manner.



Local Government (main) + Local Coop (Sub)  
= NEW Community OS

## < In 5 Years >

Self-sovereign individuals + Communitarianism



# Local coop

Generate Your World

contact us



web  
(Japanese)



X\_@atsushihayashi