

# Sustainable Society

Food and energy self-sufficiency of the local economy through the use of biomass

\*Beyond COP21\*

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Your Energy Development

# 1 . Renewable Energy

Type	Feature	Remark
1. Solar power	▪ Depend on the weather	Challenge: Stabilization of the output
2. Wind power	▪ Depend on the wind	Challenge: Stabilization of the output
3. Biomass (wood chips)	▪ Depend on people's wisdom	Important:Local initiative
4. Hydraulic power Geothermal power	▪ Depend on the geography and natural features	Used as a local industry

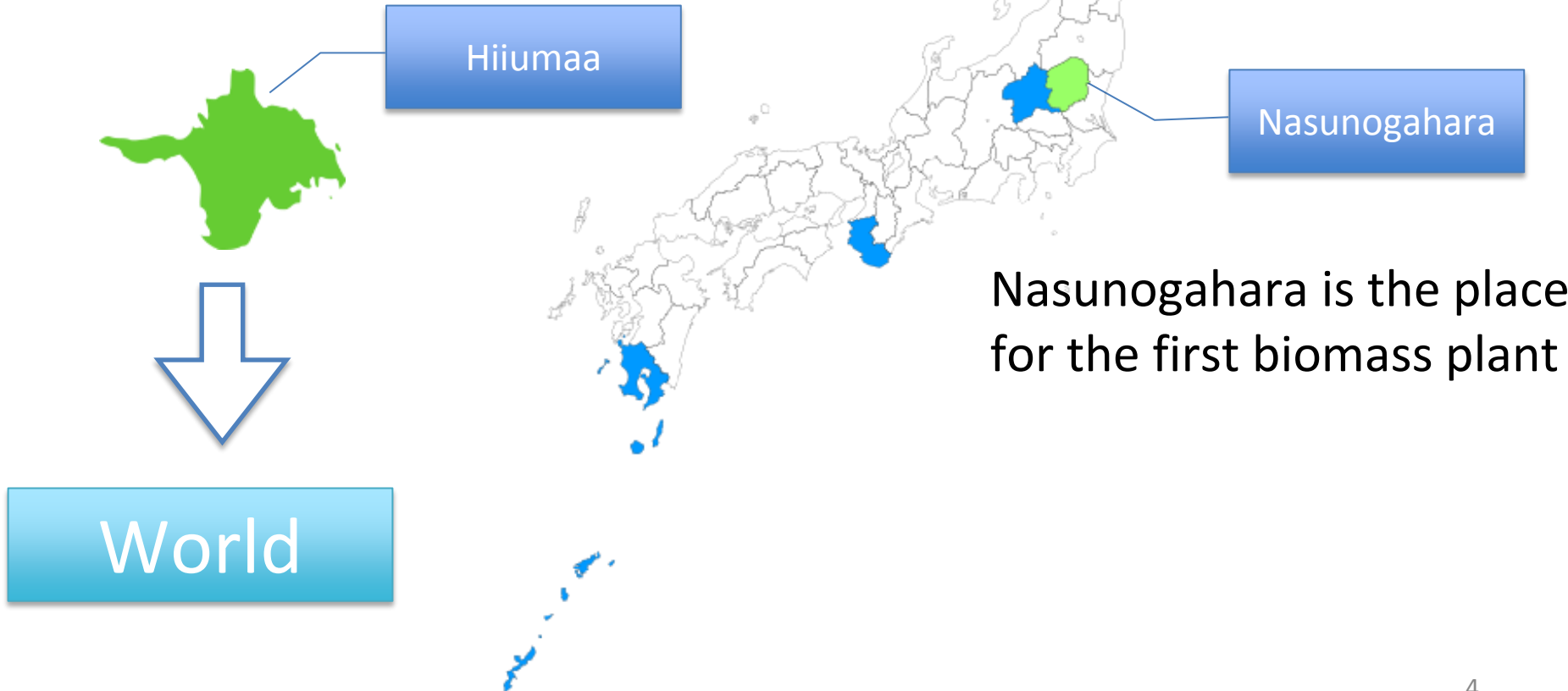
# NASUNOGAHARA MOVEMENT

Purpose: preservation of water resources for the next 1000 years

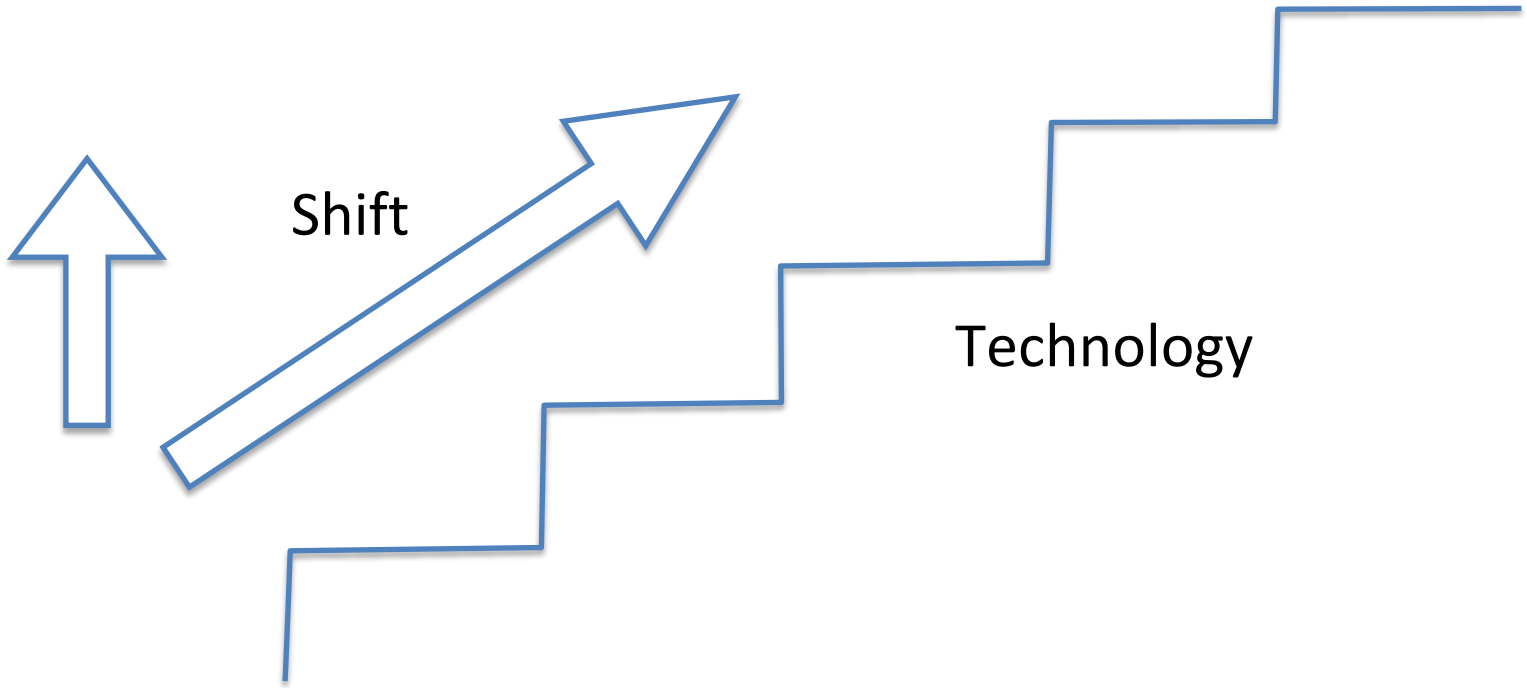
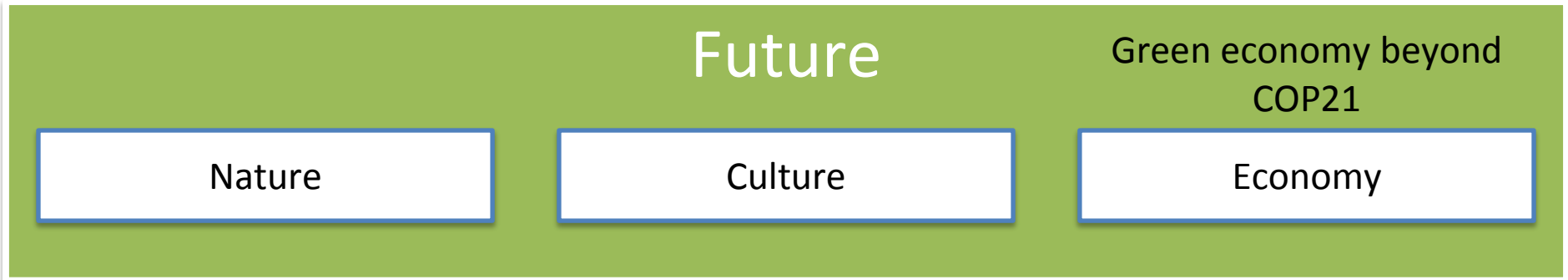


# From Nasunogahara toward Hiiumaa Criteria

Regional Friendship Agreement  
between Hiiumaa, Nasunogahara  
in June 2016



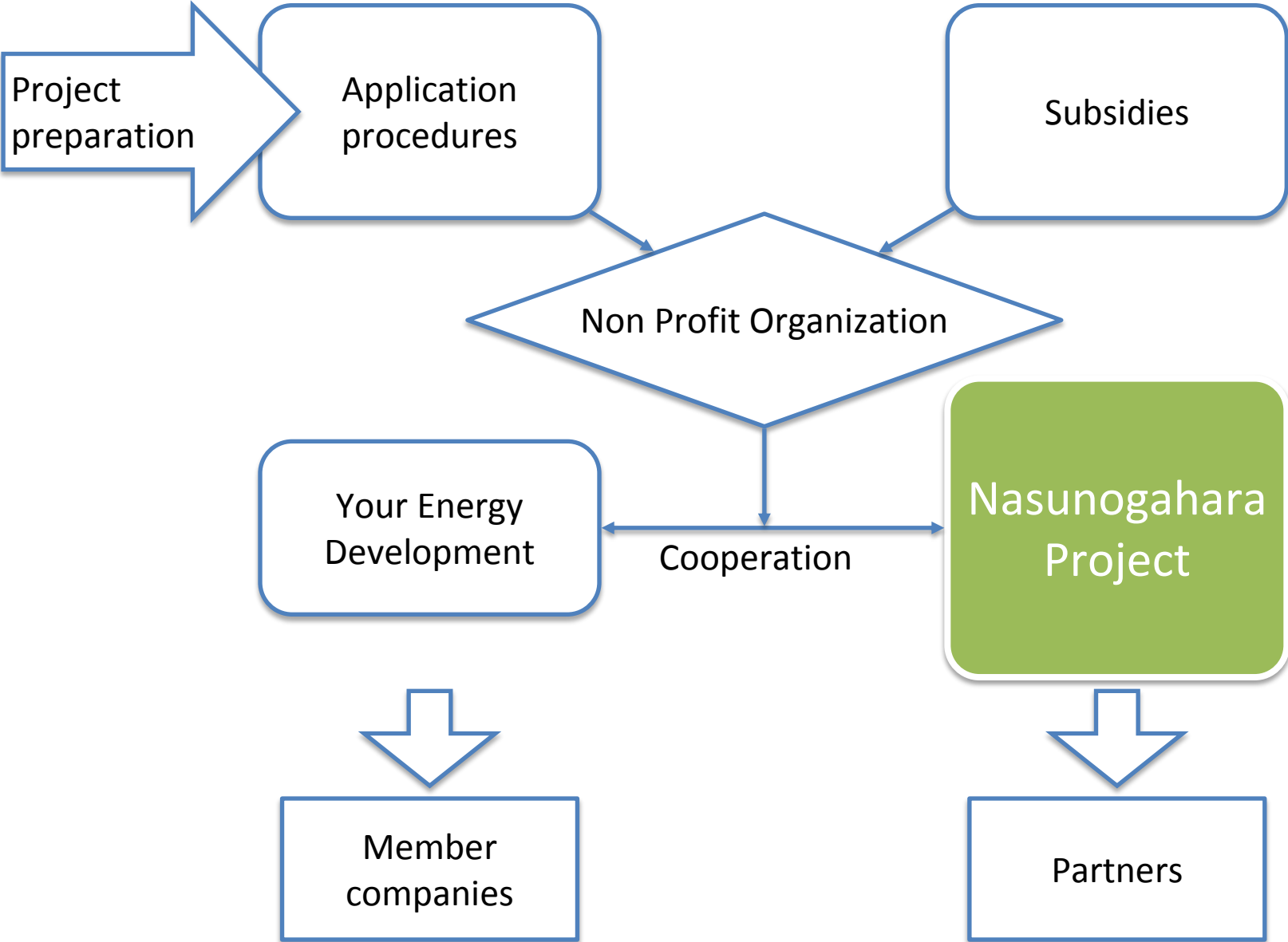
# Hiiumaa Criteria



# Small Scale Multi Function Biomass Plant

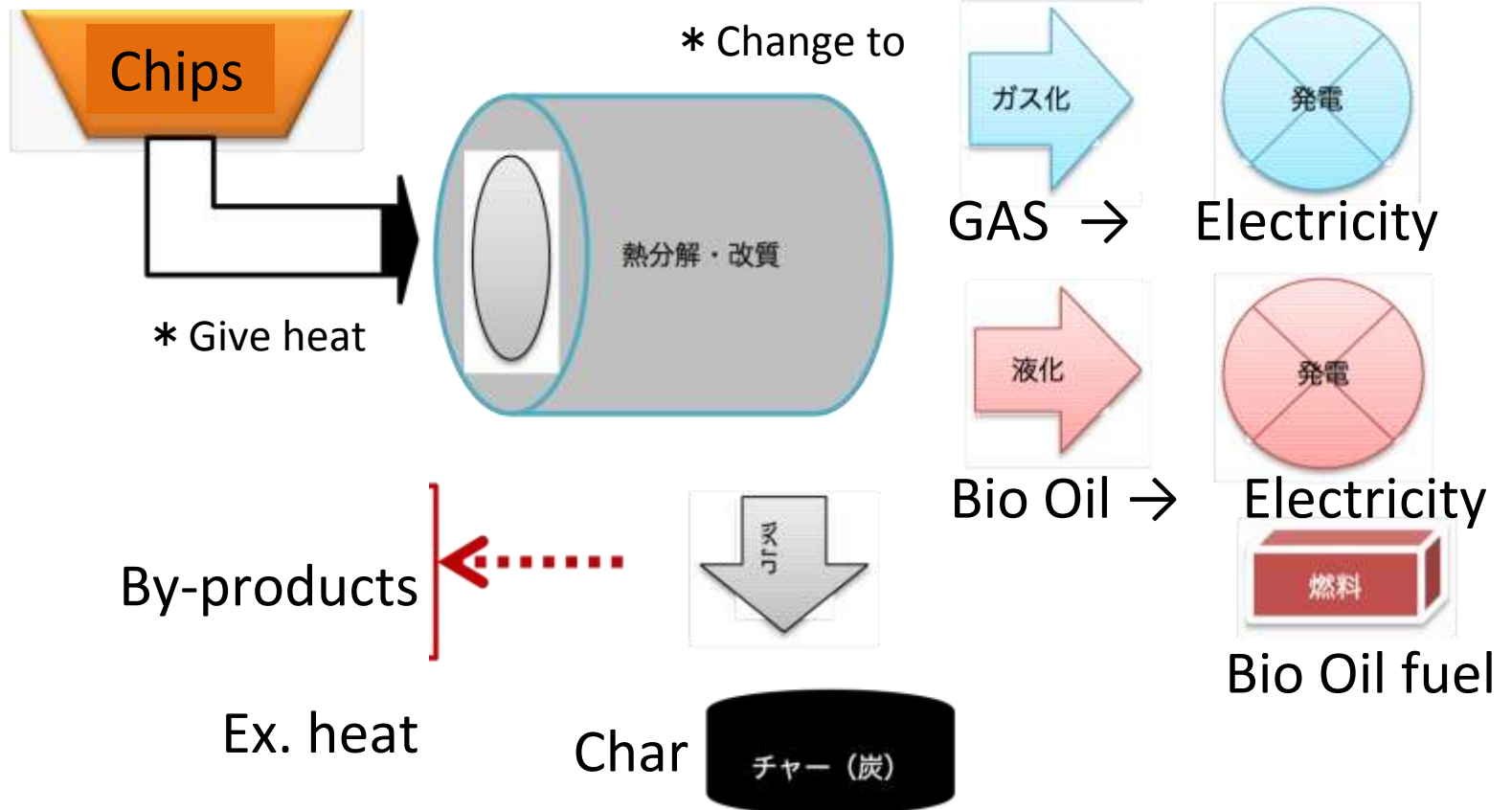


# Nasunogahara Biomass plant Project Network





# Outline of the Technology





# By-product Example



Chip

Char

Activated  
charcoal

We hope to learn from each other  
and  
take the next step towards  
sustainable society

Aitäh!