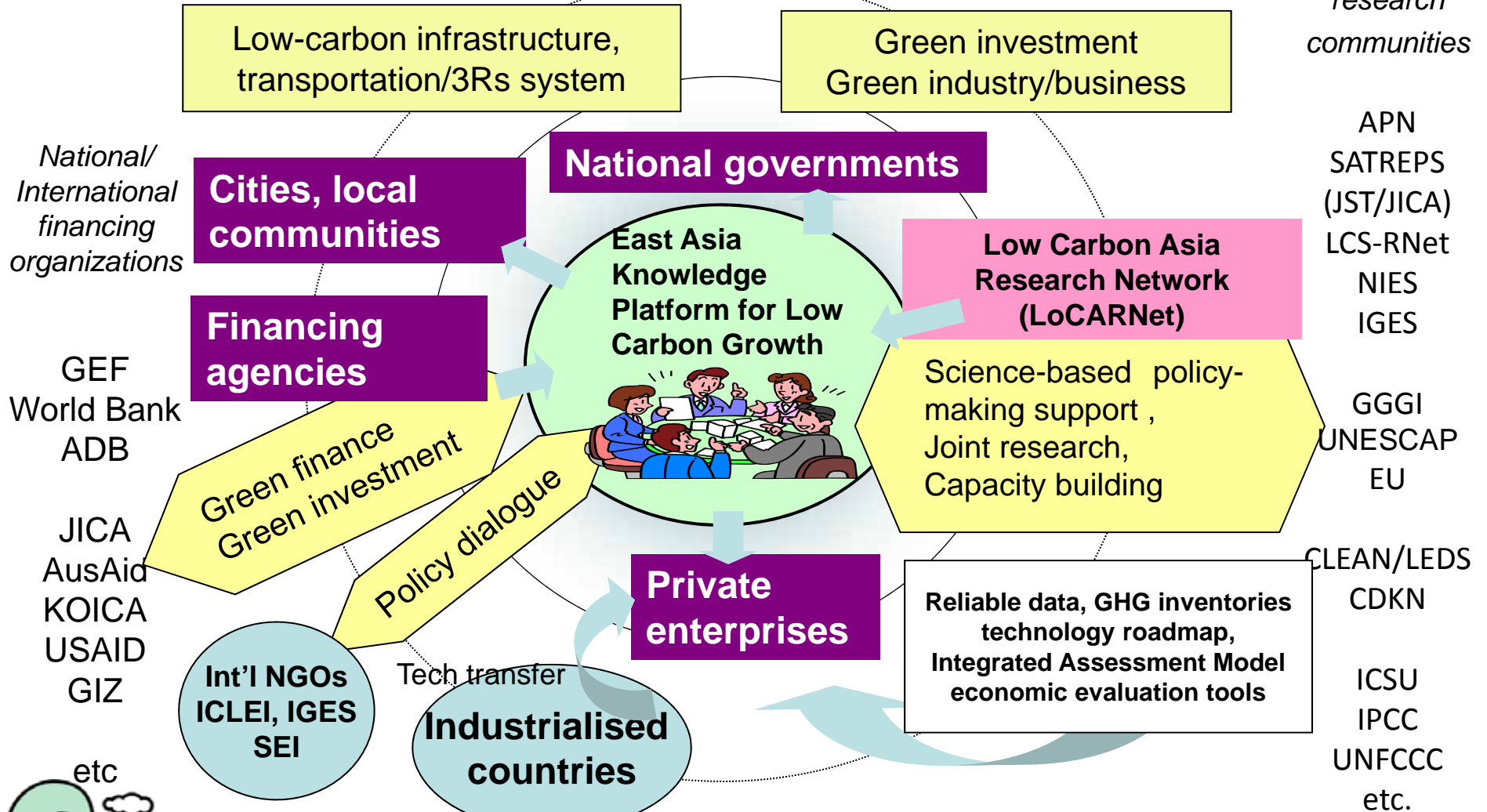# LoCARNet as a Think Tank
for the East Asia Knowledge Platform for Low-Carbon Growth

LoCARNet

International research communities

Low-carbon infrastructure, transportation/3Rs system

Green investment
Green industry/business

National/ International financing organizations

APN
SATREPS
(JST/JICA)
LCS-RNet
NIES
IGES

Cities, local communities

National governments

East Asia Knowledge Platform for Low Carbon Growth

Low Carbon Asia Research Network (LoCARNet)

Financing agencies

GEF
World Bank
ADB

Science-based policy-making support,
Joint research,
Capacity building

GGGI
UNESCAP
EU

Green finance
Green investment

Policy dialogue

JICA
AusAid
KOICA
USAID
GIZ

Private enterprises

CLEAN/LEDS
CDKN

Int'l NGOs ICLEI, IGES SEI

Tech transfer

Reliable data, GHG inventories technology roadmap, Integrated Assessment Model economic evaluation tools

ICSU
IPCC
UNFCCC
etc.

etc

Industrialised countries
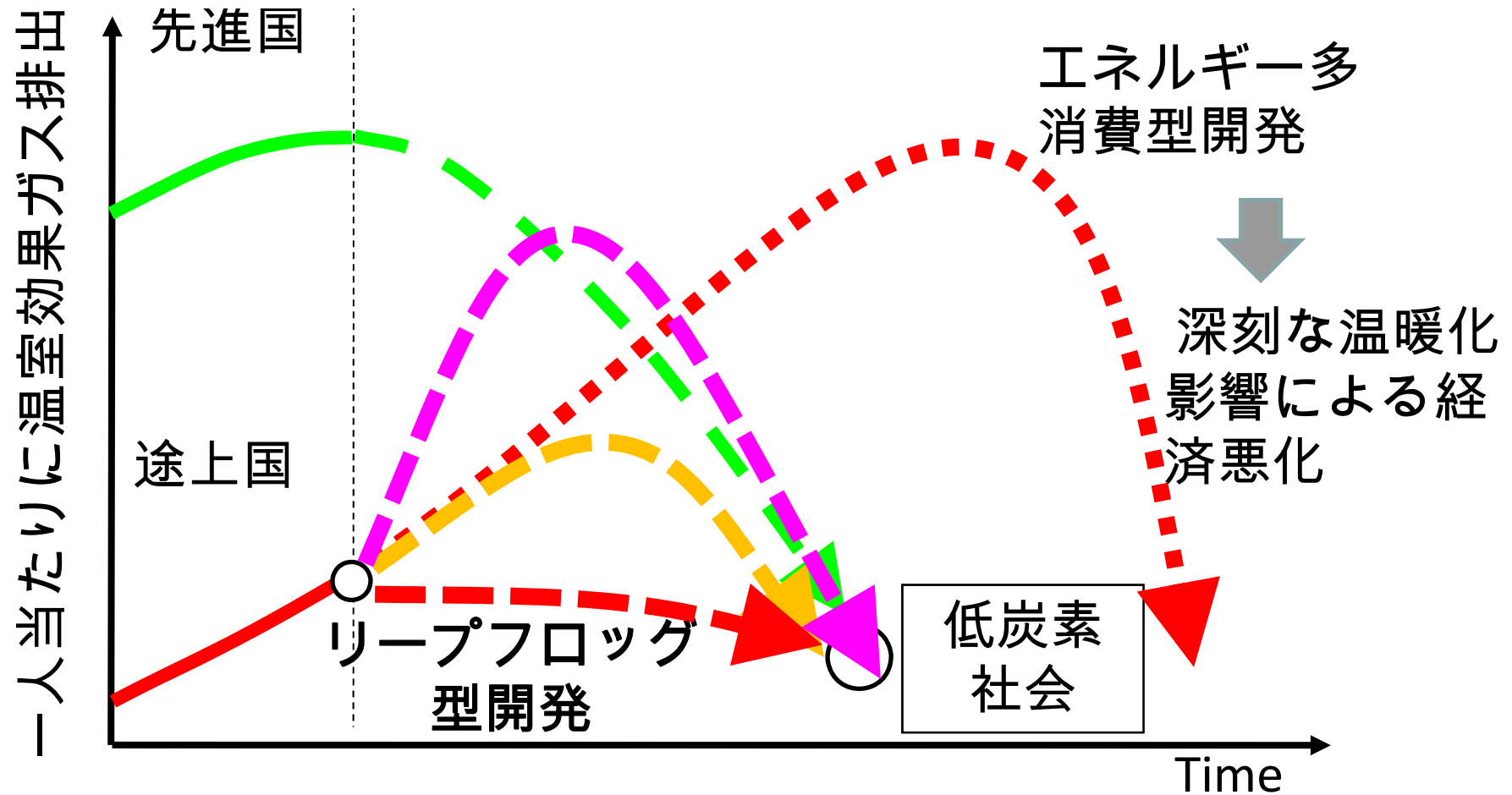
Knowledge sharing in Asia

6

LoCARNet - Activities and Uniqueness

➢ **<u>Network of leading researchers/research organisations</u>** who are deeply involved in low-carbon growth policy processes in this region.

➢ **<u>Science-Science-Policy Dialogue</u>**: LoCARNet promotes research for policies towards low-carbon growth by enabling a sufficient amount of dialogue among/between scientists and policy-makers.

➢ **<u>Ownership of knowledge by countries</u>**: LoCARNet encourages collaboration amongst researchers in-country whose research capacity and scientific knowledge are firmly grounded in their home countries.

➢ **<u>Regional Collaboration</u>**: LoCARNet aims to increase in research capacity in the AP region through knowledge sharing and information exchange, in the scheme of regional cooperation.

低炭素 / グリーン成長パス
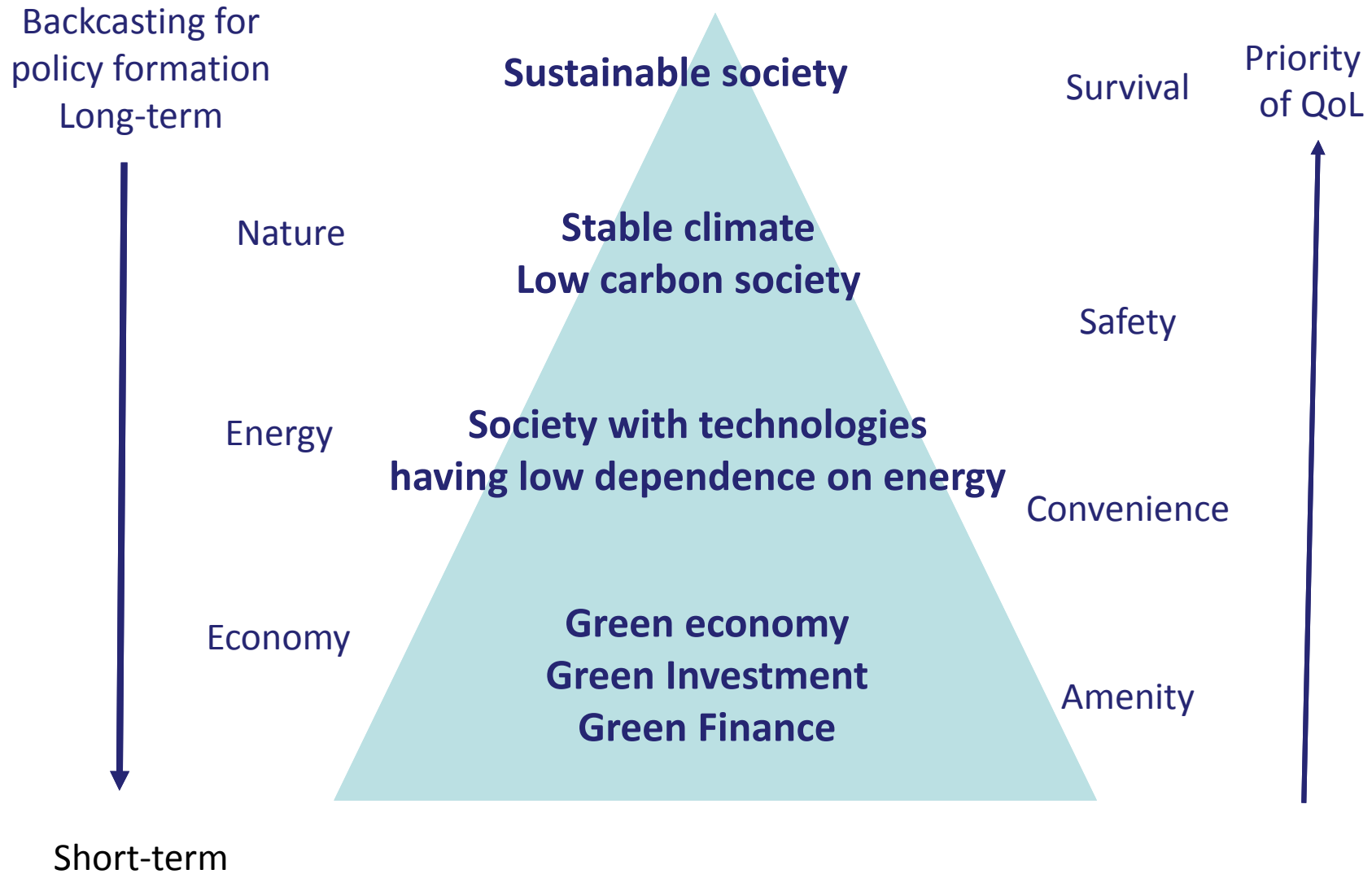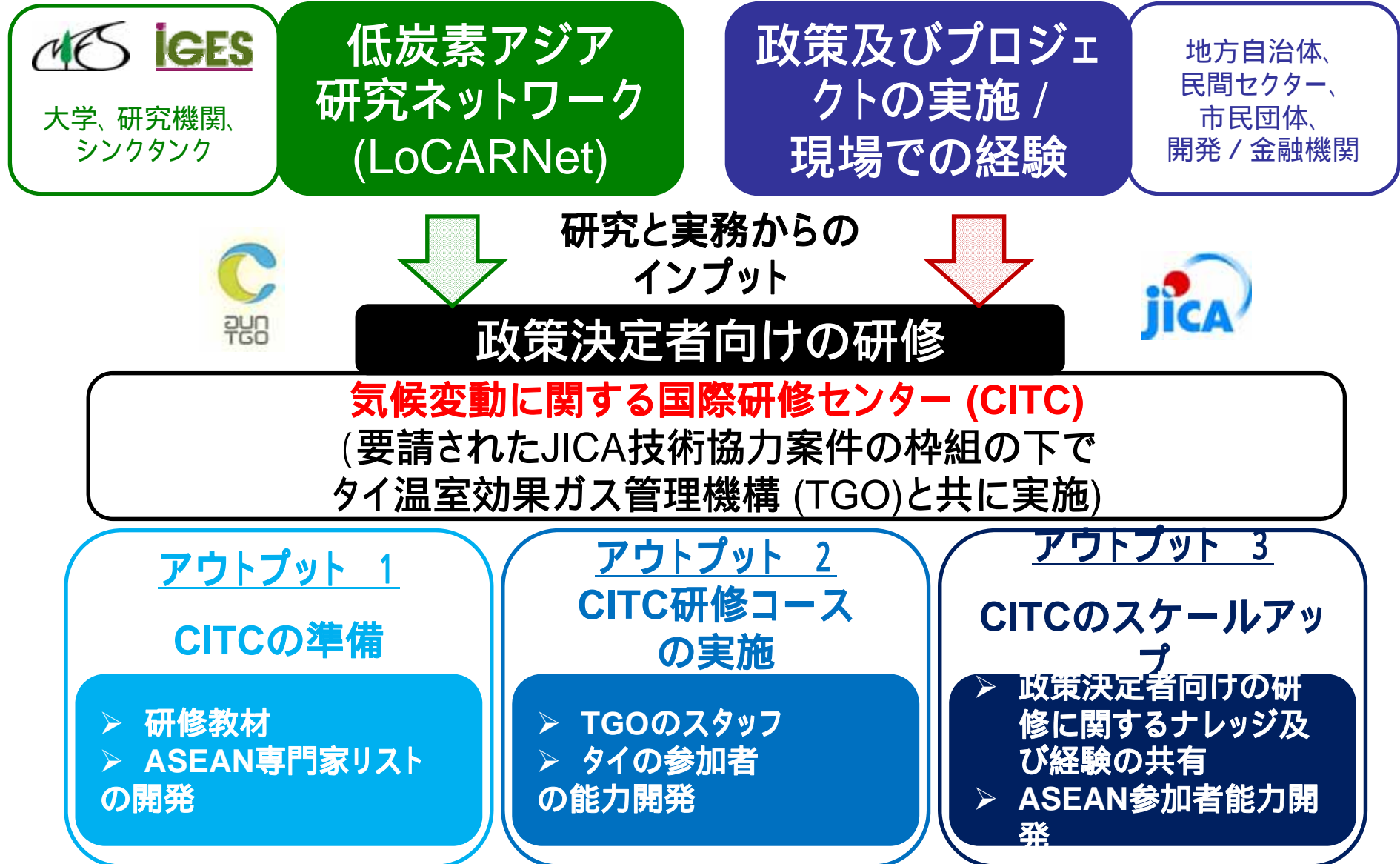
- アジア低炭素社会実現に向けた施策立案の支援
- 科学的知見の提供による国際交渉支援
- アジア低炭素社会研究ネットワーキングによる研究協力体制の確立

8

Prioritise policy targets

Stable climate   Energy   Economy

Backcasting for
policy formation
Long-term

Sustainable society

Survival

Priority
of QoL

Nature

**Stable climate
Low carbon society**

Safety

Energy

**Society with technologies
having low dependence on energy**

Convenience

Economy

**Green economy
Green Investment
Green Finance**

Amenity

Short-term

9

(LoCARNet)

/

(CITC)

JICA

(TGO)   )

CITC
- ASEAN

CITC
- TGO

CITC
- ASEAN

2012　9　26

JICA

CO2

Domestic vs. Internationally Supported NAMAs
===> Abatement Cost ($/t-$CO_2$) <===

Bundled NAMAs Leverage Emission Reductions