

Establishment of Carbon Recycling Fund Institute

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Masayoshi Kitamura
Vice Chair

Carbon Recycling Fund Institute

Challenges We Face

■ Challenges facing global energy sector

Climate Change

Improvement of Energy Access

} Need to solve simultaneously

■ SDGs adopted by UN summit (2015)

SDGs Sustainable Development Goals



Background to Establishment of Carbon Recycling Fund Institute

REIWA-ERA is also First year for Carbon Recycling

Date	Government	Private Sector
2019 Jan.	At Davos, Prime Minister Abe emphasized CO ₂ could be a resource	
Feb.	Carbon recycling promotion office was established in METI	
Mar.		Cross-industry study group "Carbon Recycling Innovation" was established. (1st meeting)
Apr.		2nd meeting
May		3rd meeting
Jun.	<ul style="list-style-type: none"> ● METI released Roadmap for Carbon Recycling Technologies ● G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth ● G20 Osaka Summit 	
Jul.		4th meeting
Aug.		Carbon Recycling Fund Institute was established
Sept.	International Conference on Carbon Recycling 2019	
Oct.	Innovation for Cool Earth Forum (ICEF) (planned) Research and Development 20 for Clean Energy Technologies (RD20) conference (planned)	

Overview of Carbon Recycling Fund Institute

■ Management

Chairperson: Yoshimitsu Kobayashi (Chairperson, Mitsubishi Chemical Holdings Corporation)

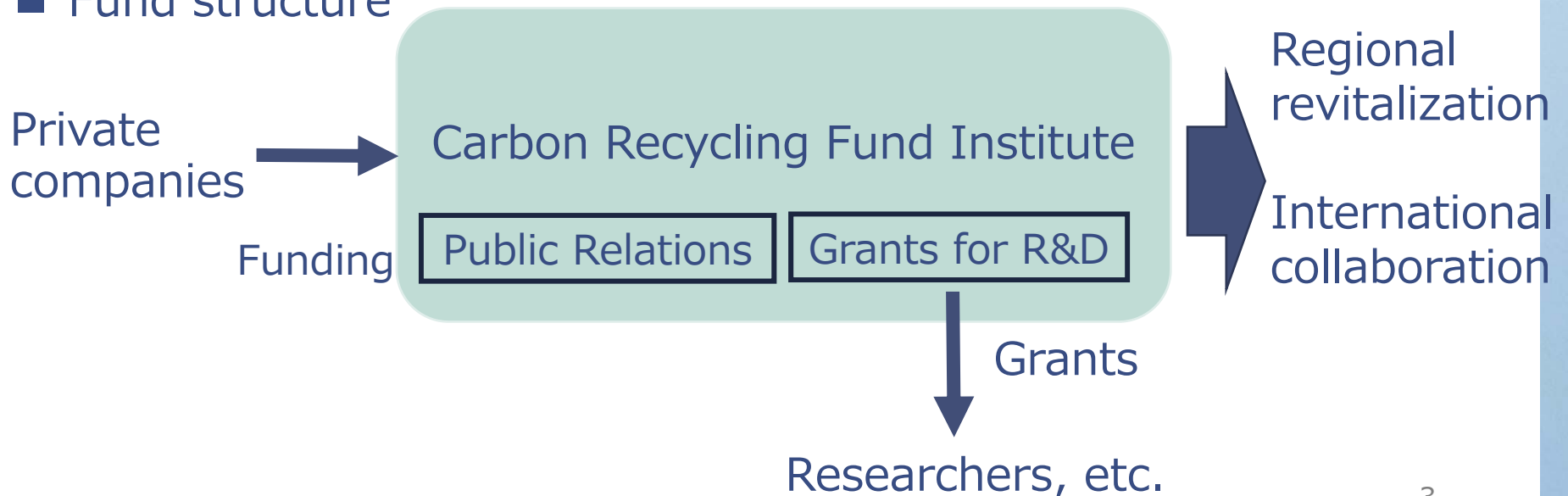
Vice Chairperson: Masayoshi Kitamura (Chairman and Representative Director, Electric Power Development Co., Ltd.)

Secretariat

■ Main activities

- Grants to researchers
- Public Relations
- Policy recommendations, etc.

■ Fund structure



Future Policy and Expectation

- Specific example: Osakikamijima-town, Hiroshima



Source: OSAKI CoolGen Corporation



Source: Electric Power Development Co.,Ltd.

Demonstration Plan of
CC※1 + IGFC※2 in Progress at
OSAKI CoolGen

Demonstration of
CO₂ Enhanced Growth Effect
on Tomato Cultivation



- ◆ Regional Revitalization
- ◆ International Collaboration

※1 : Carbon Capture

※2 : Integrated Coal Gasification Fuel Cell Combined Cycle