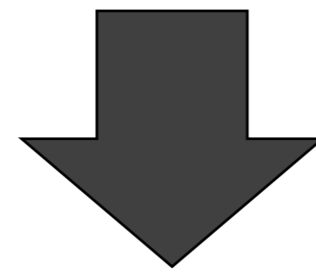


A-ESG Science and Technology Research Center

Background

- Aiming to realize a **carbon-neutral** and decarbonized society **by 2050**
- Towards the **realization of sustainable resource and energy use**



Established in April 2022

Research for sustainable future
 A-ESG Science and Technology Research Center



Our goal is to contribute to the development of carbon neutral technologies and to solve the global/local problems, under the industry-government-academia collaboration, addressing ESG issues that academia should consider.

About "A-ESG Science and Technology Research Center"

Hiroshima University
Academic-Environment Social Governance
Science and Technology Research Center

Carbon Recycling

- Advanced utilization of CO2
- Process/reactor design
- Catalyst development

New Energy Development

- Highly efficient use of energy
- Highly efficient power system
- System contributing to stable grid power
- Biomass utilization

Efficient Energy Conversion

- Nobel solar cells and devices
- H2 and NH3 production from renewable energy
- Efficient secondly battery