

Agenda of 'Local decarbonization'

- Recent Progress of Research on Local Decarbonization in Japan (5 min. each)
 - ✓ Development of Regional Planning System for a Local Decarbonized Society (Ashina)
 - ✓ Progress on Local AIM and its Application (Gomi)

- Information Sharing and Discussions
 - ✓ Sharing Experiences and Future Plans of Research on Local Decarbonization in Asia: Activities and their Progresses
 - ✓ Challenges and Barriers on Local-scale Analysis: How to Overcome?
 - ✓ Research Needs on Model Development: New Approach, New Elements, and New Collaboration

Challenges for local governments in Japan toward formulating and promoting actions toward net-zero

- **Data**: Municipalities have no official statistics on energy consumption for all sectors.
- **Feasibility of Net-Zero**: Will actions of national net-zero plan also lead the municipality to zero?
- **Design of Net-Zero Energy System**: How to integrate net-zero actions into town planning?
- **Interregional Transmissions of Renewables**: How to share renewables among regions?
- **Stakeholder Engagement**: How to enhance citizen's participation to policies and actions to net-zero.