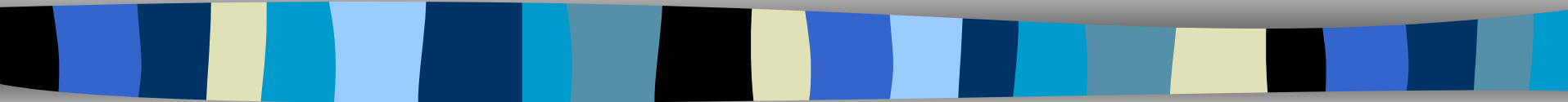


Climate Actions by local governments in Japan



Michie Kishigami
Managing Director
ICLEI Japan Office



1, Institutional Background

- COP3 held in Japan in 1997
- Law concerning the Promotion of Measures to cope with Global Warming in 1998
- Ratification of Kyoto Protocol in 2002



Law concerning the Promotion of Measures to cope with Global Warming

- Responsibilities of National Government, Local Authorities, Businesses and Citizens
- Formulation of action plans
- Public reporting of the plans and the state of implementation

Respectively and in collaborative manner



Local Authorities take responsibilities

- To implement measures taking local natural and social conditions into account
- To reduce GHG emissions resulting from their activities
- To provide information to local businesses and citizens



Exemplary actions

- Prefectural governments shall make exemplary action plans for climate protection
- Municipal governments are recommended to make exemplary action plans for climate protection



Action Plans of local governments

- Exemplary action plan to reduce GHG emissions from their activities
828 local

governments

- Community Action Plan for climate protection

65 local

governments

as of April 2002



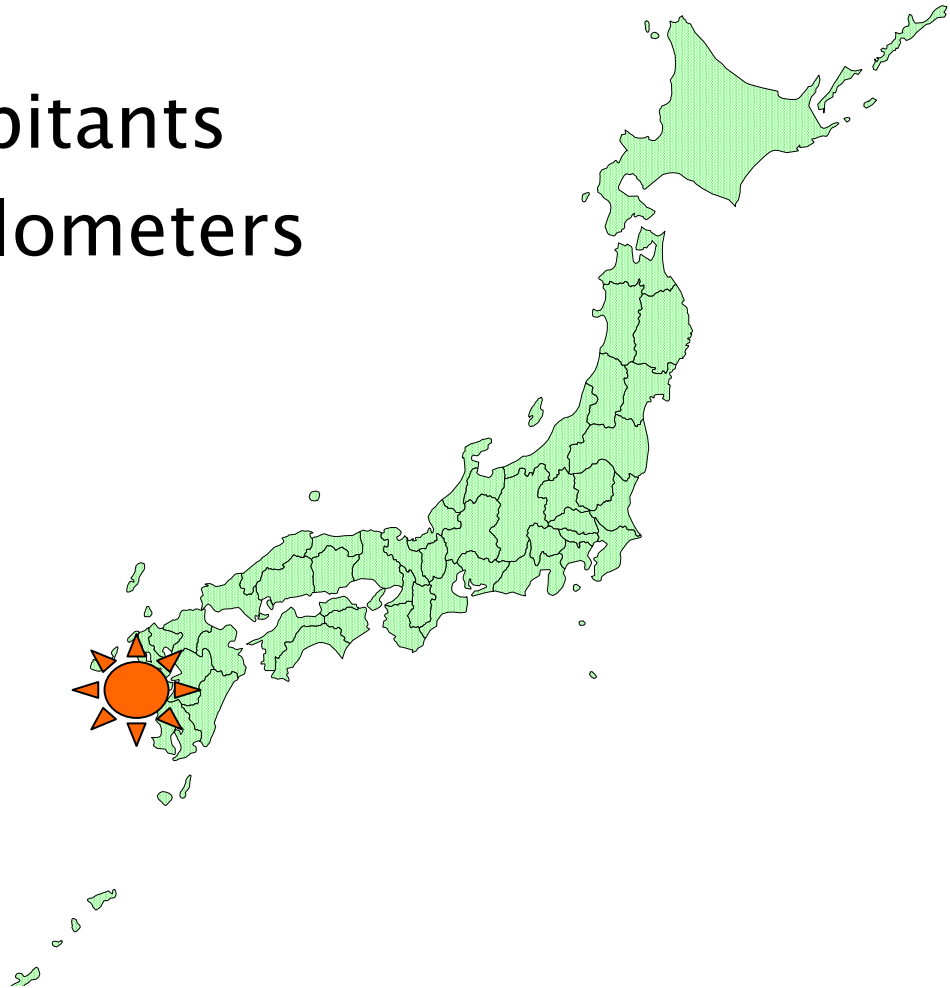
For awareness raising and information dissemination

- JCCCA (Japan Center for Climate Change Actions) at national level
- 13 Prefectural Centers
- Voluntary advisors for climate actions

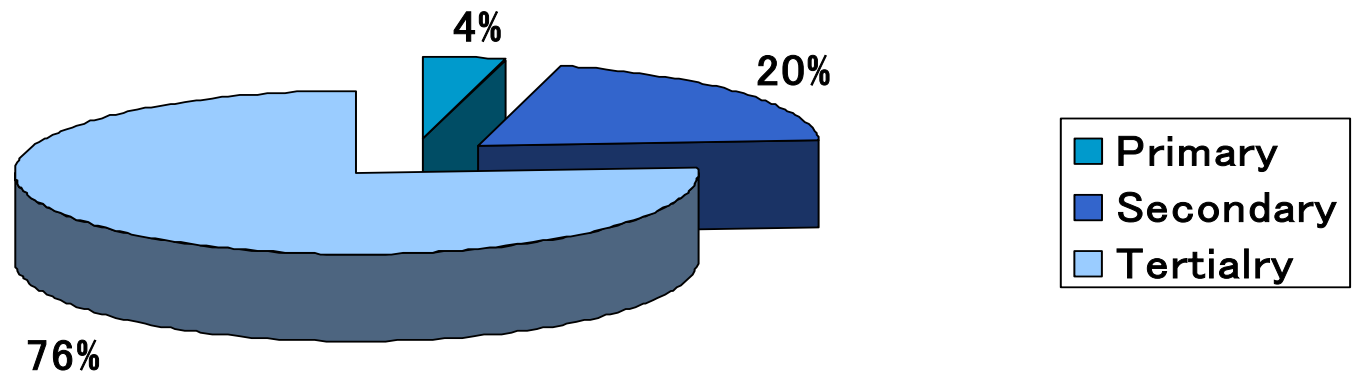
2, Case of Kumamoto City

660,000 inhabitants

266 square kilometers

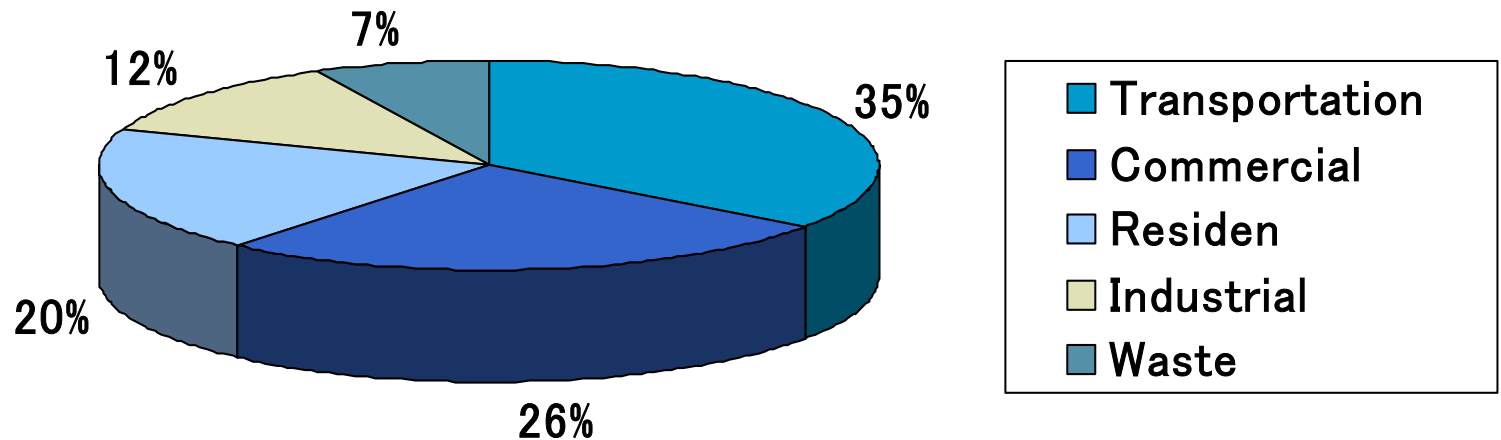


Industries in Kumamoto City



Medium and Small Enterprises:
80%

CO2 emissions profile in 1997





Community Action plan and target setting in 1995



CO2 emission to be reduced
20% below the 1990 level by
2005



Important measures taken so far

- Emission reduction from the city government's activities
- Education and promotion of voluntary public action for GHG reduction from the residential sector
- Environment Management Support for medium and small enterprises
- Promotion of public transport system



Kumamoto City government

- 6,600 employees
- 484 facilities
- 1,100 vehicles including
for municipal bus service



Emission reduction from the city government's activities

- By reducing electricity use
- By Recycling and waste minimization
- ISO14001 certification



Education and promotion of voluntary action for GHG reduction from residential sector

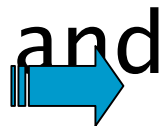
“Citizen Declaration for 20% reduction of CO₂” 11,000 citizens since 1998



Energy saving



Efficient use of private vehicles



and

water

Waste reduction

Education and promotion of voluntary action for GHG reduction from residential sector



Environment Management Support form medium and small enterprises

Green Office Declaration and EMS



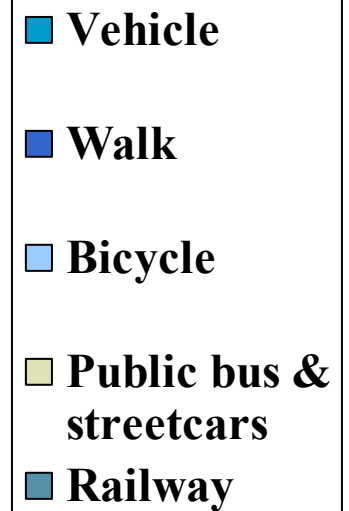
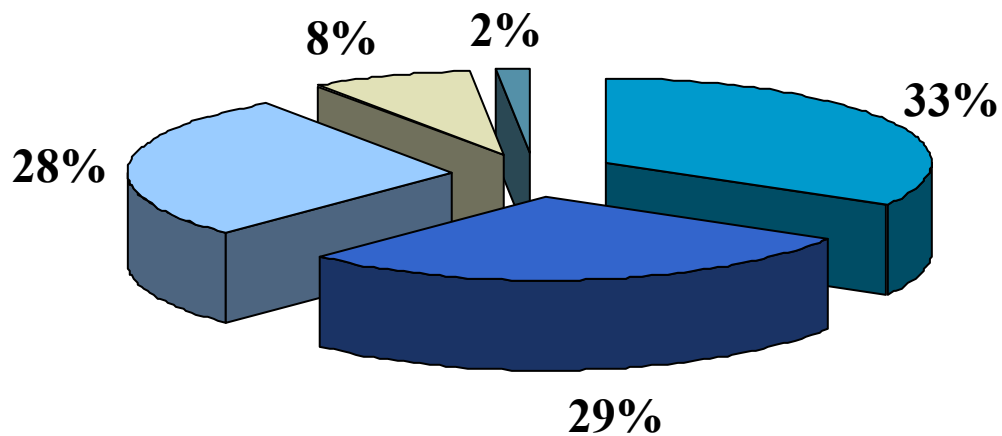
Promotion of public transport system

Streetcar



10,305,000 users in 1993 to 10,869,000 in 1999

Travel in urban area of Kumamoto





東部環境工場







3, Characteristics of local government actions for climate protection

- One of the priorities of local agenda 21

Air quality

Energy Management

Climate protection

Water resource management

Natural resource management



Great efforts and outstanding results in local government's activities

- Energy saving
- Waste minimization and recycling
- Procurement policy
- Idling stops
- Reduce the use of vehicles



Great efforts to involve community

- Public education, events, information distribution
- Support to citizen groups
- Financial incentives for waste minimization, installation of solar panels, etc.



Introduction of EMS

- ISO14001 in local governments operation
- ISO14001 in business
- Support to medium and small enterprises



4, Next step

- Integration of policies
- Economic tools

➡ Creation of the city which
depends
less on private vehicles and
fossil
fuel



More systematic approach

- Emission inventory
- Targets and timetables for action
- Quantification of impact of measures
- Report the results to public



5, Benefit of climate actions

- Improve local air quality
- Reduce traffic congestion
- Reduce the amount of waste
- Strengthen the local economy

Local climate actions could be reinforced by sharing information and experiences





Thank you !

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