

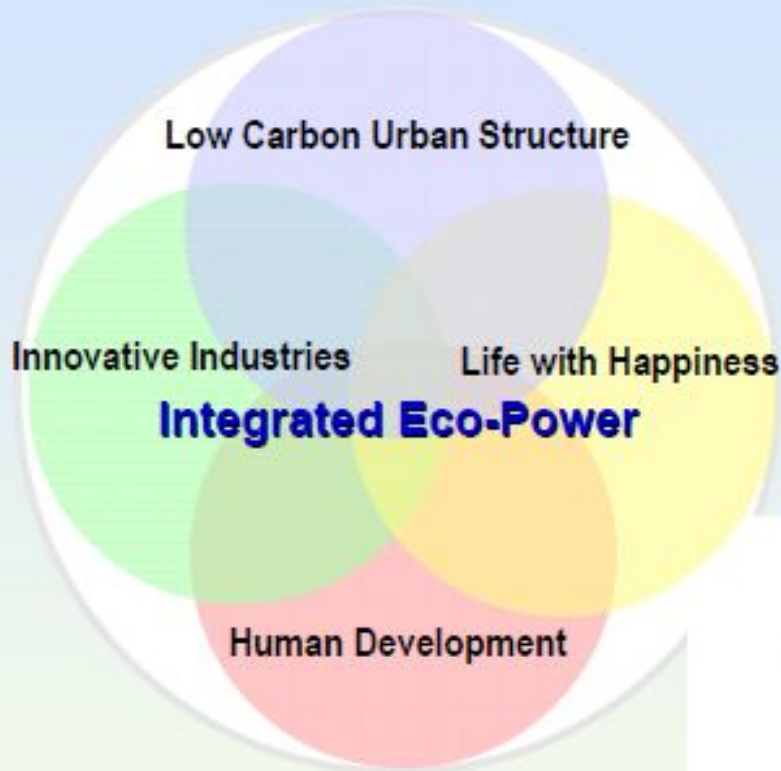
ECO-Mwood

Kitakyushu, Japan



By :Hossein Mardani

Approach to Eco-Model City



Transfer

Asian Low Carbon Centre

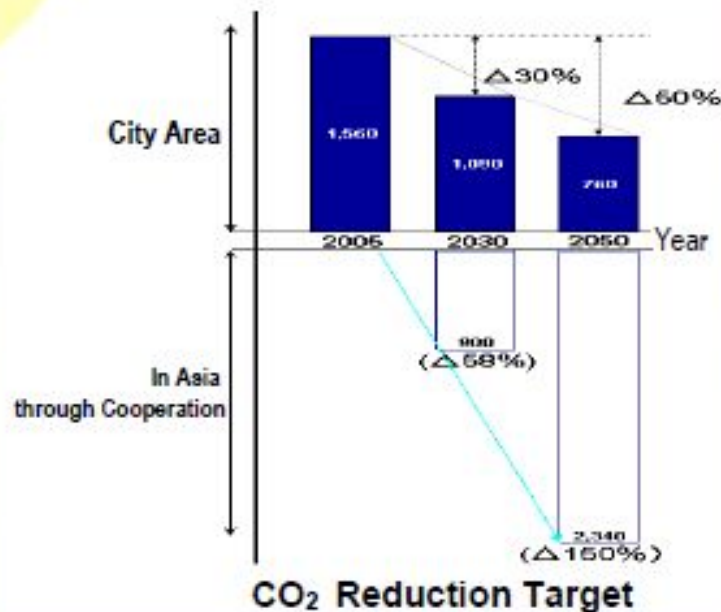
Sustainable Development in Asia



City of Kitakyushu



Asian Cities



Rebirth Technology

- **I was interested in to Topic in this trip**
- First ECO-Mwood technology
- Second production of polylactic acid from organic wastes
- **What I have learned at the Recycling process of wood-plastic**
 1. **The recycle ratio of raw material to product are 100%.**
 2. **This materials can be reputedly pulverized and recycle**
 3. **Environmentally sustainable**
 4. **Simple and cheap**

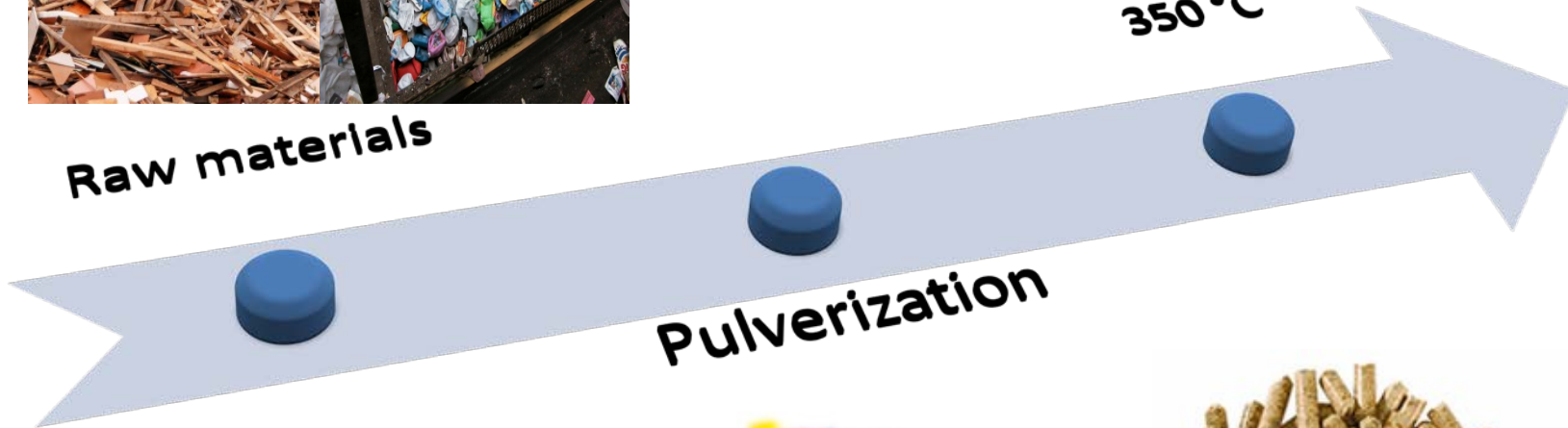
ECO-Mwood technology (Processes)



Raw materials



Blending
350 °C



Pulverization



Benefits

- Water free!
- Maintenance free!
- Safety free!
- Design free!
- Prevent deforestation
- Long life span
(in camper with wood)
- Less CO2 emissions, warping, cracking,...





- Since I have been lucky to be one of the FOLENS members, I have visited several sites related to the environmental issues and I was able to understand and pick up some useful information regarding **waste management such as Tokyo eco-town and kitakiyushu**
- I am also highly fascinated by such trips organized by FOLENS and I hope I will be able to improve my knowledge in future to be a good leader in environmental issues in my country.





Thank you for your attention

