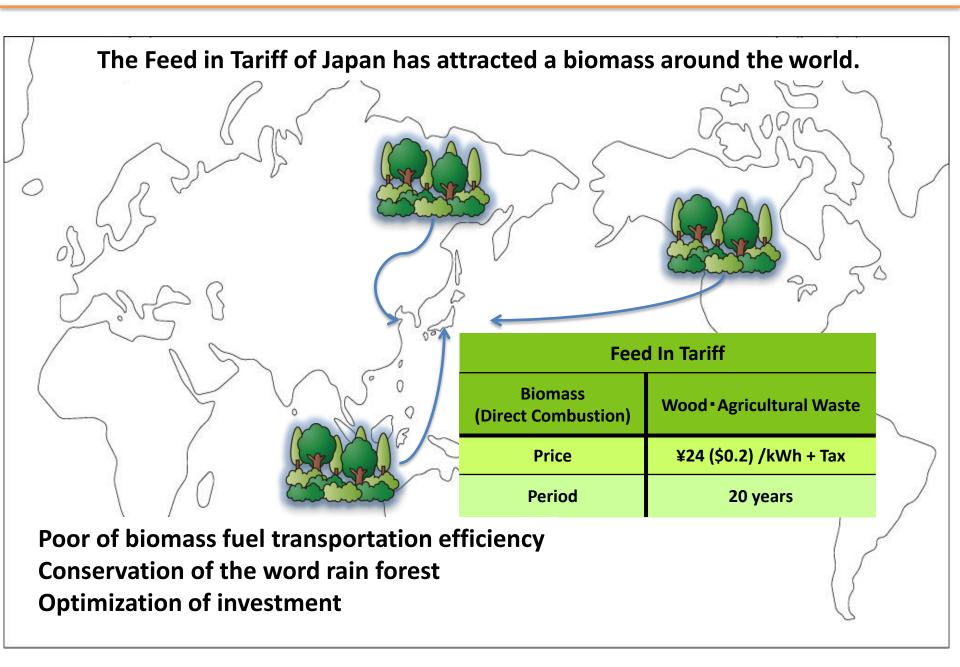
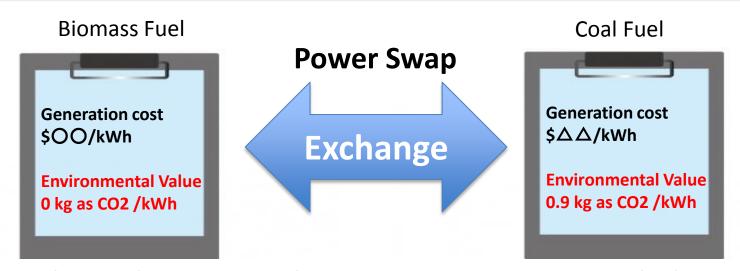
## Importance of Grovel Cooperation

(Biomass Energy and Sustainable)

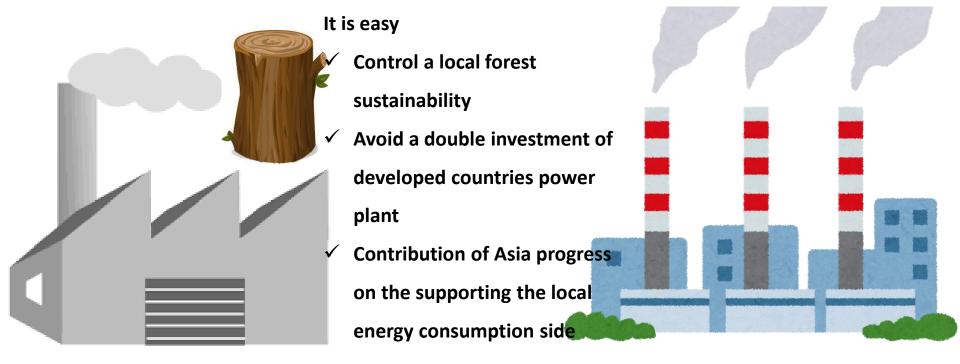
## Dr Tatsuro Harada

Research and Education Center of Carbon Resources, Kyushu Univ

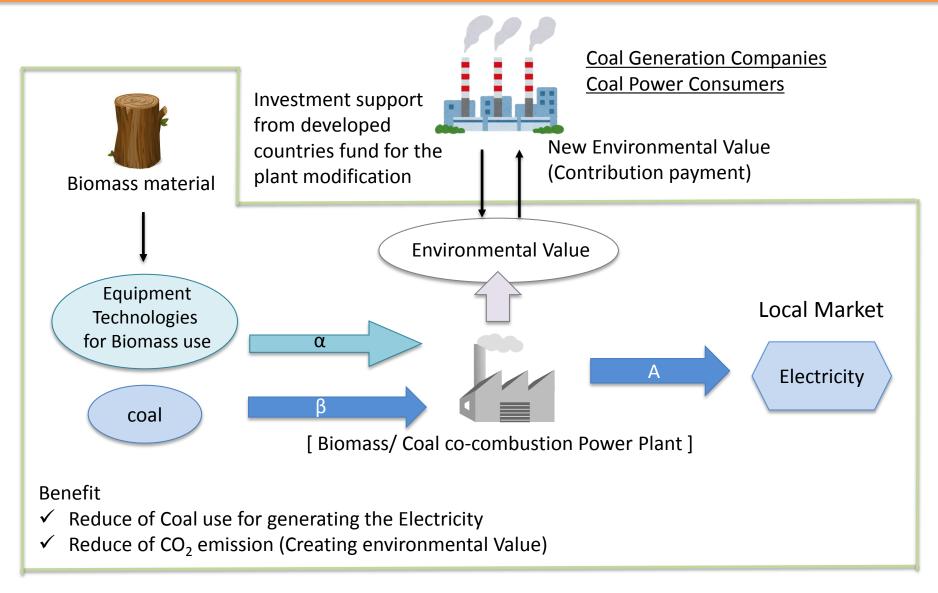




If we can exchange the power result, it is not necessary to move the biomass fuel.



## Biomass/Coal plant technology creates New Environmental Value



Biomass/Coal co-combustion Power Plant will create Environment Value. It could not reduce only  $CO_2$  emission, but also Investment charge for increasing the biomass fuel usage.

## Conclusion

- > Transportation Side
- ✓ Transportation efficiency of Biomass fuel is worse than fossil fuels.
- ✓ Then biomass fuel is local energy. Local biomass fuel can support increasing of energy consumption of Asia countries.
- Environmental Side
- ✓ It is necessary for localized biomass usage to be control the forest.
- Economical Side
- ✓ Developed countries electric power market is filled of power plants already.
- ✓ When they want to use biomass fuel more, they will break the balance of their
  electric power market. However they want to keep the price of power.

It is very important that Asian countries cooperate supporting the biomass power technology and investment each other for the environmental friendly life.