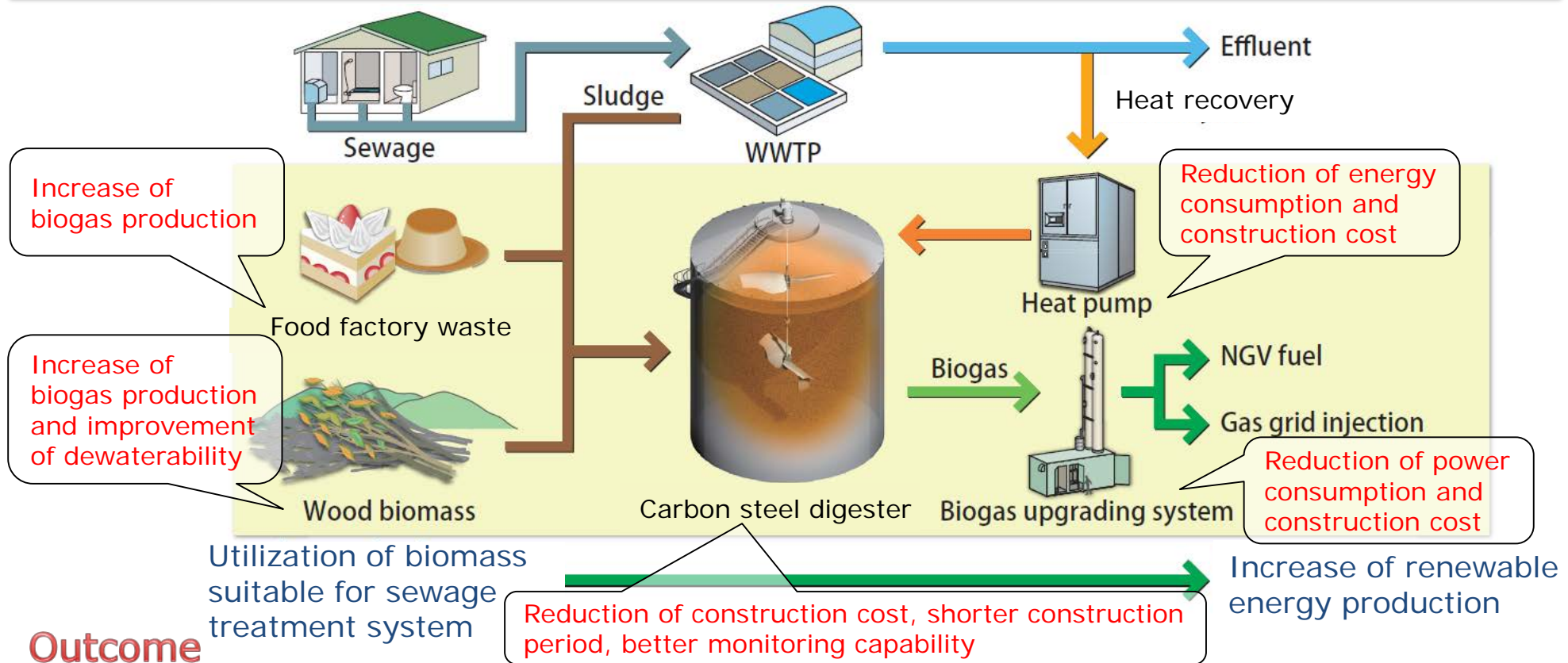


- Research conducted by : Consortium consisting of Kobelco Eco-Solutions Co., Ltd and Kobe City
- Demonstration field : Higashinada Sewage Treatment Plant, Kobe City
- Outline of research : Demonstration of the process comprising of biomass reception, carbon steel digester, heat pump and biogas upgrading system



### Outcome

- **Increase of biogas production** by **anaerobic co-digestion** of sewage sludge with food factory waste and wood biomass which is suitable for sewage treatment system
- **Cost reduction** of construction, operation and maintenance by using modular system in digester heating and biogas upgrading
- **Significant reduction of greenhouse gas emissions**