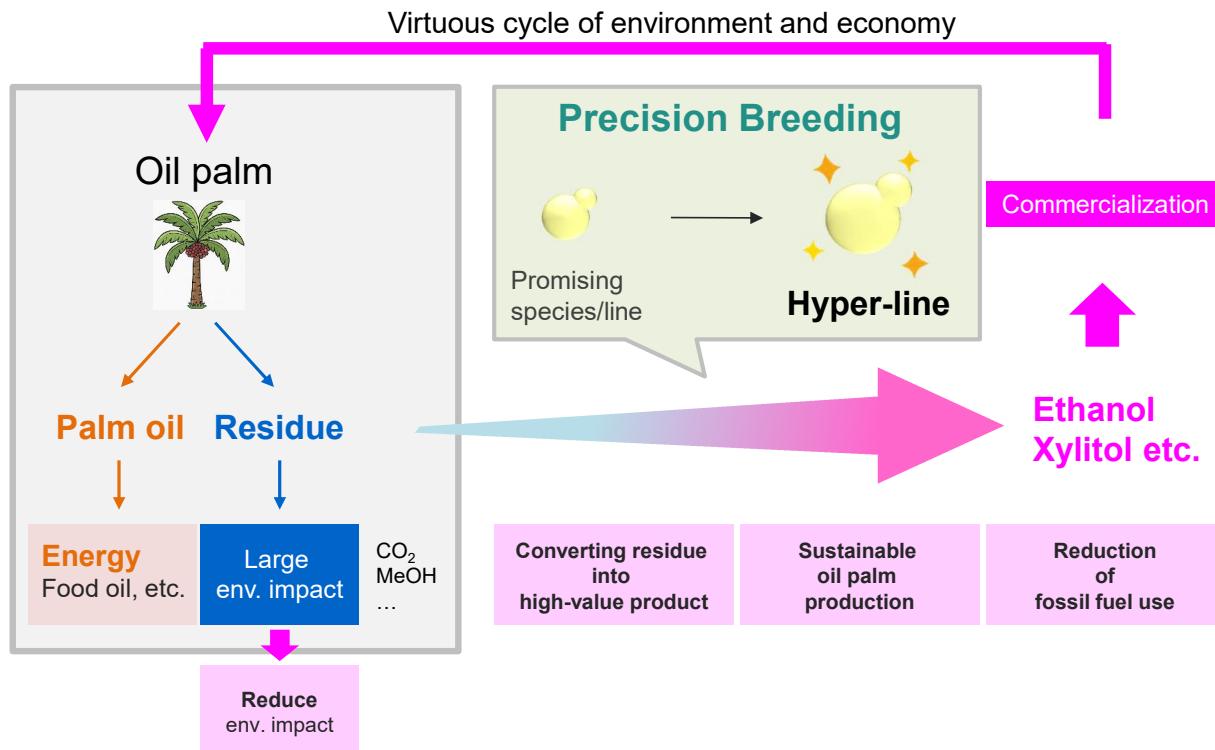
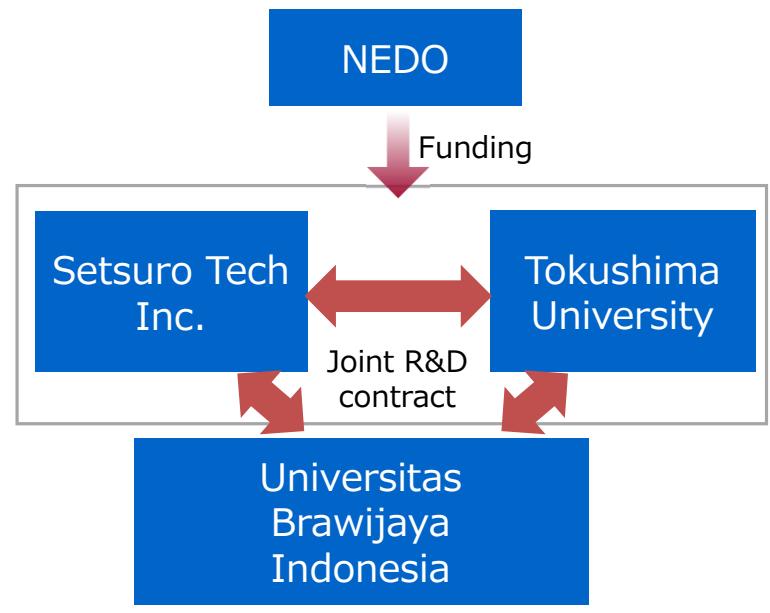


Outline of the Project



Project Scheme



Significance of International R&D

- Isolation of useful microorganisms leveraging the regional characteristics of Indonesia, a tropical country and the world's largest palm oil producer
- Collaboration with Prof. Agustin K. Wardani, an expert in isolating residue-decomposing microorganisms
- Development of more useful strains through precision breeding, using isolated microorganisms

Expected Outcomes

- Environmental & economic impact
 - CO₂ reduction: 500,000 t-CO₂/year
- Environmental benefits:
 - Reduced deforestation
 - Prevention of peatland burning
- Alternative energy effect:
 - Equivalent to 640,000 tons of crude oil/year
- Economic benefits:
 - 500+ local jobs created
 - 5% market share achieved
 - Expansion of oil palm plantations across countries