

# Towards Sustainable Low-carbon Society



- Sadao Wasaka, Executive Director of NEDO -

## NEDO's Mission

### Addressing Energy and Global Environmental Issues

- Promote greater utilization of new energy and improved energy conservation
- Contribute to a stable energy supply and resolution of global environmental problems by promoting the demonstration of technologies abroad, based on know-how obtained from domestic projects

### Enhancement of Japan's Industrial Competitiveness

- Carry out projects to explore future technology seeds as well as mid- to long-term national projects that form the basis of Japan's industrial competitiveness.

Ministry of Economy,  
Trade and Industry (METI)

Coordination with  
policymaking authorities

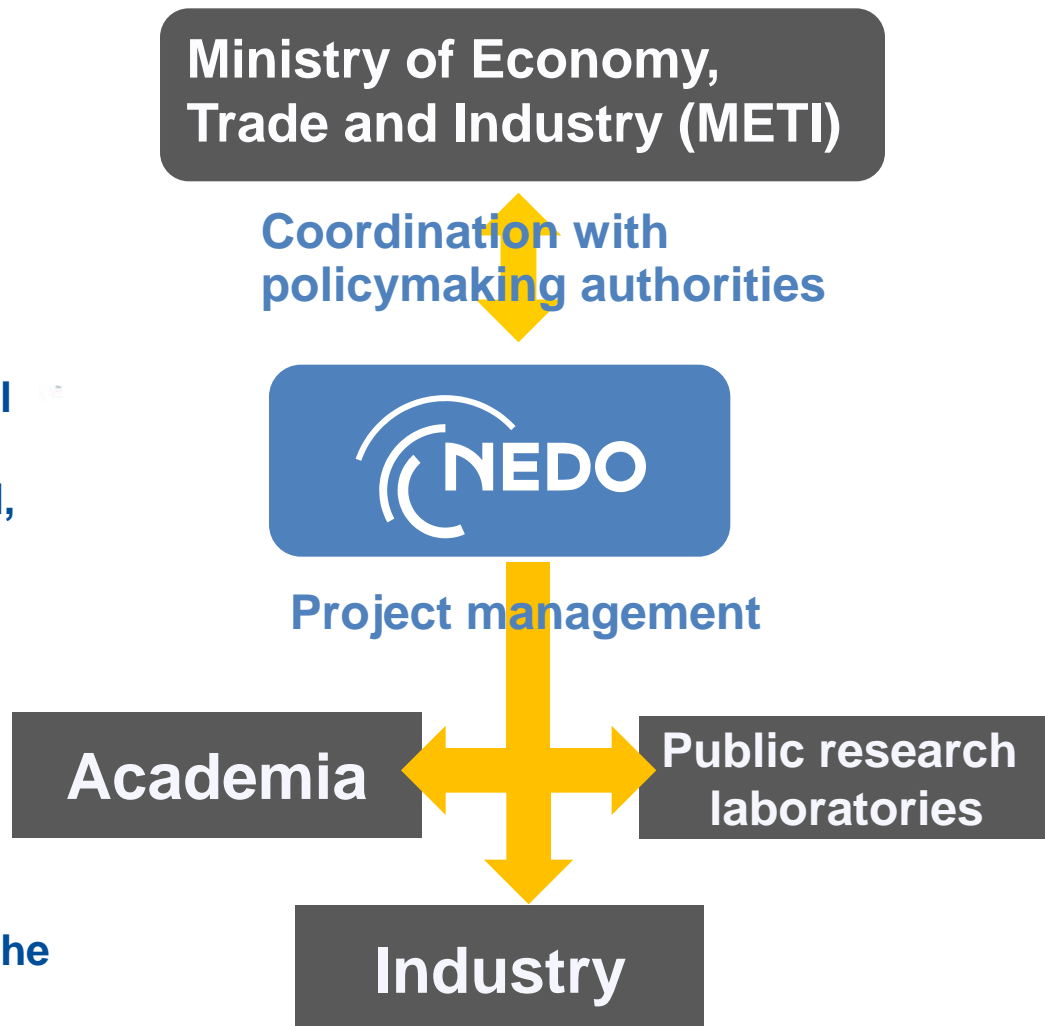


Project management

Academia

Public research  
laboratories

Industry



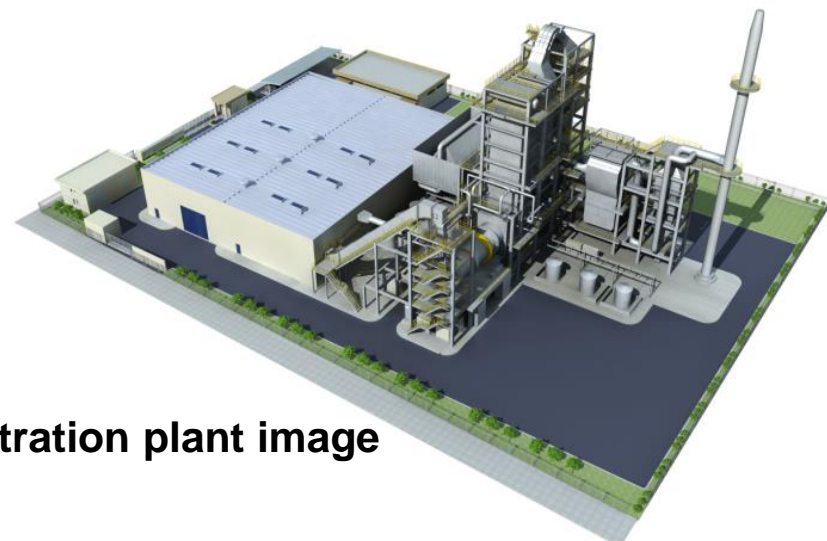
# First Demonstration Project for Industrial Waste Power Generation System in Vietnam



Project period 2012 - 2014

Project site Nam Son Waste Treatment Complex, Soc Son, Hanoi

Budget Approx. 23 million U.S. dollars  
(NEDO 15 million U.S. dollars)



Demonstration plant image

Project Characteristics	Performance
Reduce waste volumes by incinerating industrial waste	Disposal capacity: 75 tons/day (approximately one-third of the total industrial waste in Hanoi)
Generate electricity by recovering and utilizing exhaust heat	Power generation capacity: 1,930 kW (equivalent to electricity consumption of approximately 4,500 households) (generation efficiency: 13.9%)
Reduce toxic substance emissions	Dioxin emissions: 0.1 ng-TEQ/m <sup>3</sup> N (Vietnam's emissions standards: < 2.3 ng-TEQ/ m <sup>3</sup> N)



# Towards a Sustainable Low-carbon Society

In order to transition to a sustainable low-carbon society, comprehensive changes are needed in key technologies, periphery systems and citizen awareness

