

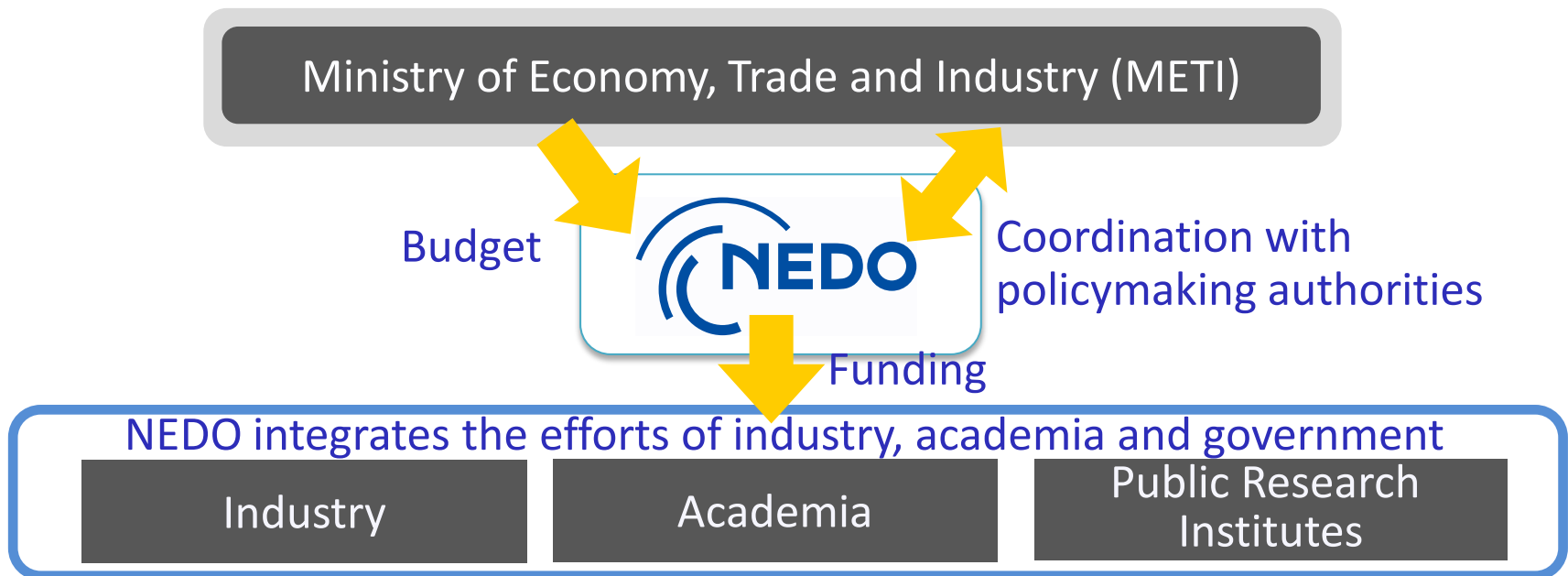


Towards Sustainable Industry Development

Hiroshi Kuniyoshi
Executive Director

New Energy and Industrial Technology
Development Organization (NEDO) Japan

- An Incorporated Administrative Agency under Japan's Ministry of Economy, Trade and Industry
- Originally established in 1980 to promote the development and introduction of new energy technologies
- Present mission is to promote research and development in the energy, environmental and industrial technology fields in order to address energy and global environmental problems.



Kyoto Mechanisms
Bilateral Offset Credit Mechanisms

Technology Seed
Development
Activities

National Projects
(mid- to long-term
high risk R&D)

Practical
Applications

Research and Development

Renewables
and Energy
Efficiency

Information and
Telecommunications

New
Manufacturing

Life Science

Nanotechnology
and Materials

Environment

Demonstration

Renewables and
Energy Efficiency

Environment

Medical Systems

NEDO Project Examples



Smart Community System Project (Spain)



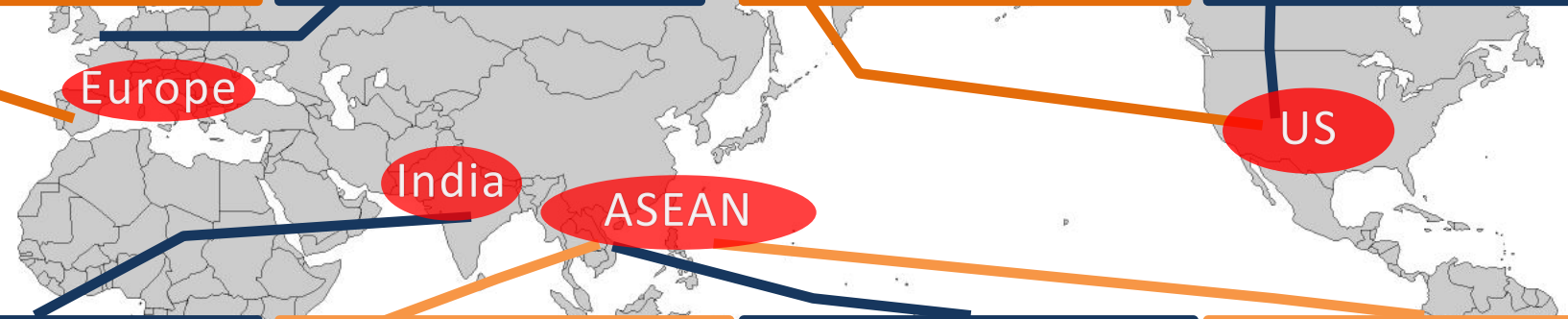
Smart Community Feasibility Study (UK)



Smart Grid Project in Albuquerque (US)



Smart Grid Project in Los Alamos (US)



Demonstration Project for Large-scale PV Power Generation System (India)



Rice Husk Gasification Power Generation Project (Cambodia)

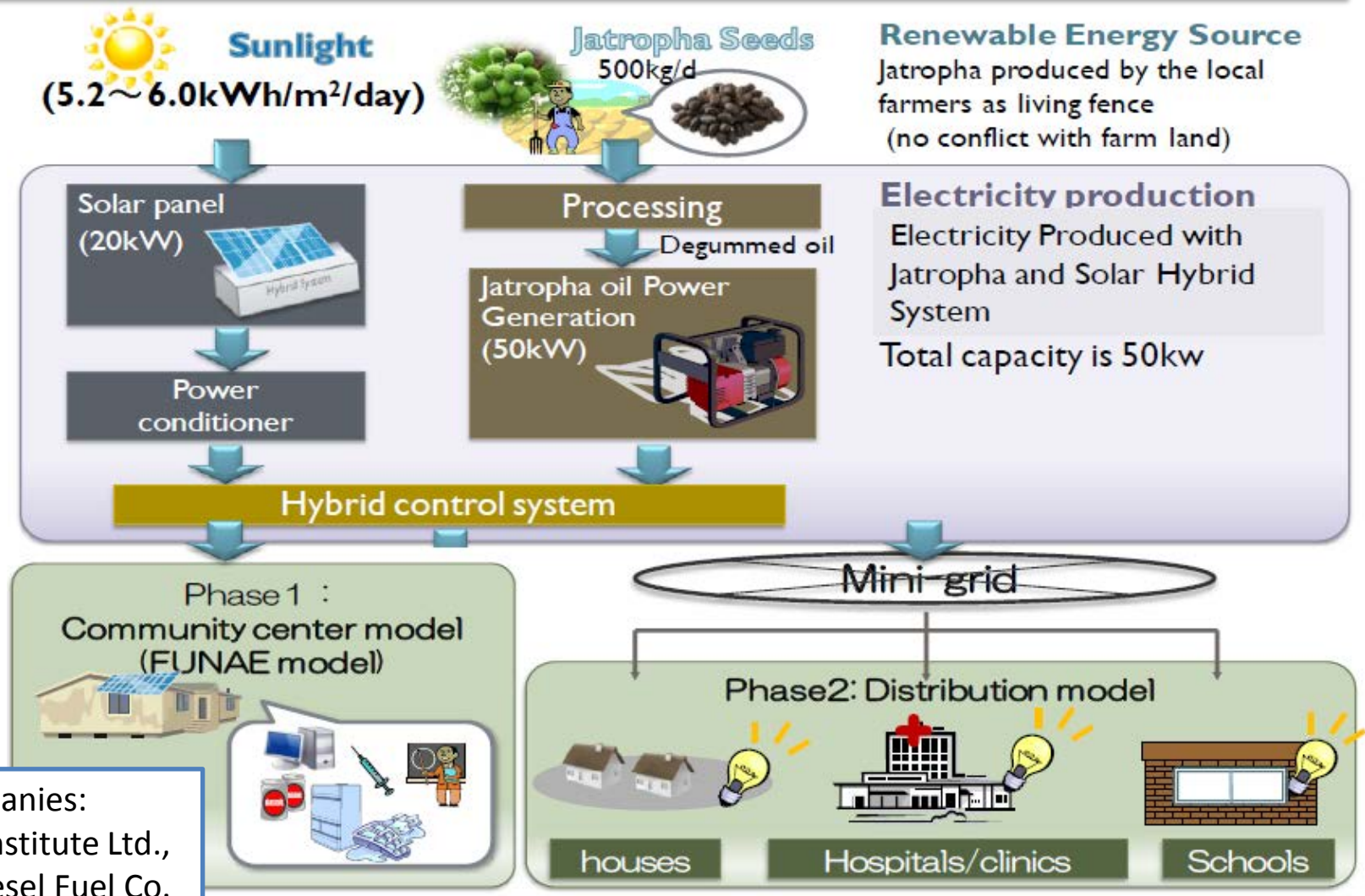


Demonstration Project for Industrial Waste Power Generation System (Vietnam)



Cooperation with Asian Development Bank (ADB)

Feasibility Study on Installation of Hybrid Power Generation System In Mozambique



Entrusted Companies:

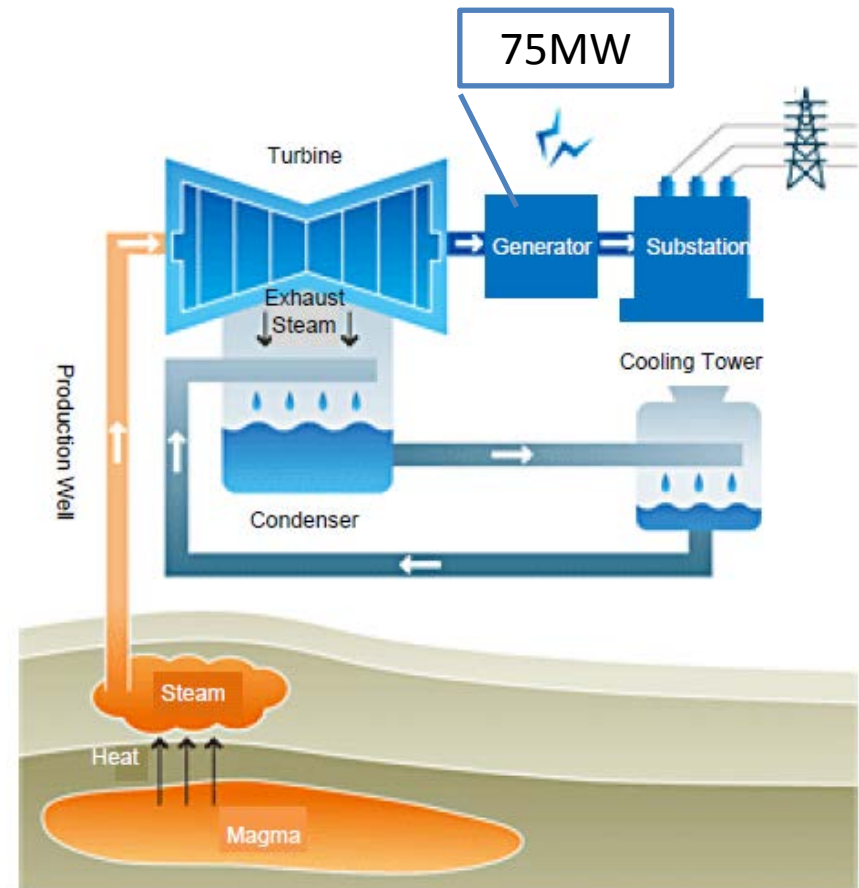
- EX research Institute Ltd.,
- Nippon Biodiesel Fuel Co. Ltd.

Studies for Development of Geothermal Power Generation Projects in Ethiopia

- ◆ Geothermal power is one of the large potential area of renewable energy in Ethiopia.
- ◆ In this way, geothermal power could contribute to sustainable development in Ethiopia.

Entrusted Companies:

- Deloitte Touche Tohmatsu LLC
- Mitsubishi Heavy Industries, Ltd.
- Mitsubishi Research Institute, Inc.
- Marubeni Corporation



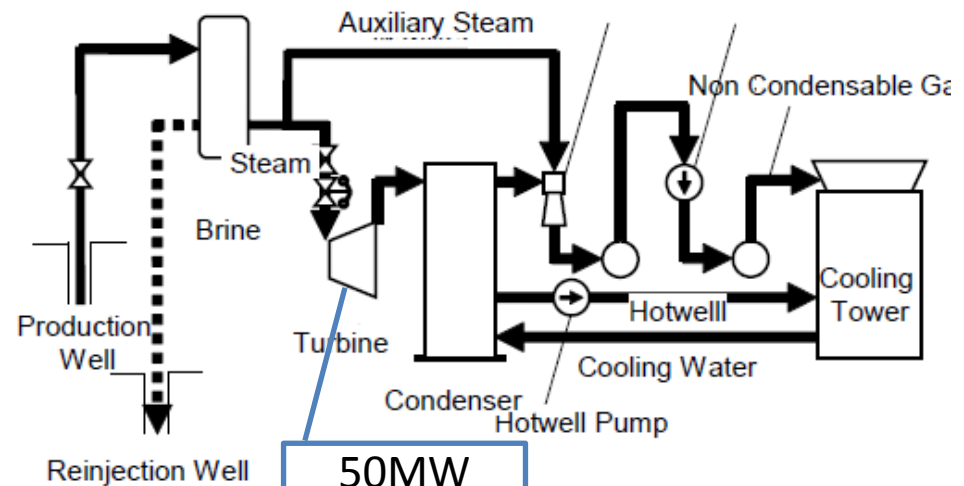
Studies for Development of Geothermal Power Generation Projects in Djibouti

As of today, Djibouti has only diesel power plants. In case the installation of geothermal plant which emits little CO₂, CO₂ emission will be much reduced. In addition, Djibouti will achieve the supply of lower and stable electricity by their resource.



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MOU between NEDO and UNIDO



NEDO and UNIDO intend to sign a Memorandum of Understanding (MOU) with the aim

- to formalize a basis on which they may explore opportunities for cooperation and collaboration;
- to contribute to supporting the needs of developing countries, in particular promoting the use of renewable energy, energy efficiency and environmental technologies; and
- to pursue solutions for global energy and environmental issues in supporting green industry.

World Bank

MOU signed in October 2010

Collaborate on activities in the energy and environment field, including the establishment of a smart community.



International Renewable Energy Agency

MOU signed in January 2012

Collaborate in a broad range of renewable energy technology fields such as human resource development and information sharing.



Asian Development Bank

MOU signed in October 2012

Cooperate in the energy and environmental fields in the Asian region.



For sustainable development, developing countries need to nurture their own industry.

The Key

Technology & Market Development

NEDO can provide Japan's advanced technologies

- localization of technology and business model
- human resource development
- capacity building
- feasibility study
- demonstration projects

a basis for the countries to develop a sustainable industry

Moreover

NEDO cooperates w/ WB, ADB, IRENA and

w/UNIDO, we hope to strengthen our activities in Africa



Thank you for your attention!