Possibility of Technical Cooperation on Green IT

2/25/2010

Takeo Hoshino
Ministry of Economy, Trade & Industry
Technical Cooperation Division

Background of Green IT

- With economic growth, establishing information societies is leading to increase IT device/systems power consumption rapidly.

→ Data traffic on the Internet will be 100 to 200 times greater in 2025. IT power consumption is estimated to grow 5-10 fold in 2025 than that of today.

- Effective use of IT (Green IT) greatly helps reducing society's energy consumption: 2% vs 98%

→ IT and electronics technologies is expected to generate greater productivity in all economic and social activities, boosting efficiency in production, logistics, administration and even IT use itself.

Why Green IT should be accelerated in Thailand

1. Thailand is already a world production and service center, being expected to sustain. growth into the future by using Green IT.

2. Green IT will reduce cost!
   (= strengthen competitiveness of industries)

3. Green IT resolves global warming as a key challenge.

Possible Technical Cooperation on Green IT

1. Training Program

2. Dispatch Experts

3. Demonstration Project

4. Organizing Seminars/Symposium

5. Mutual Cooperation in establish standard on evaluation of Green IT effects

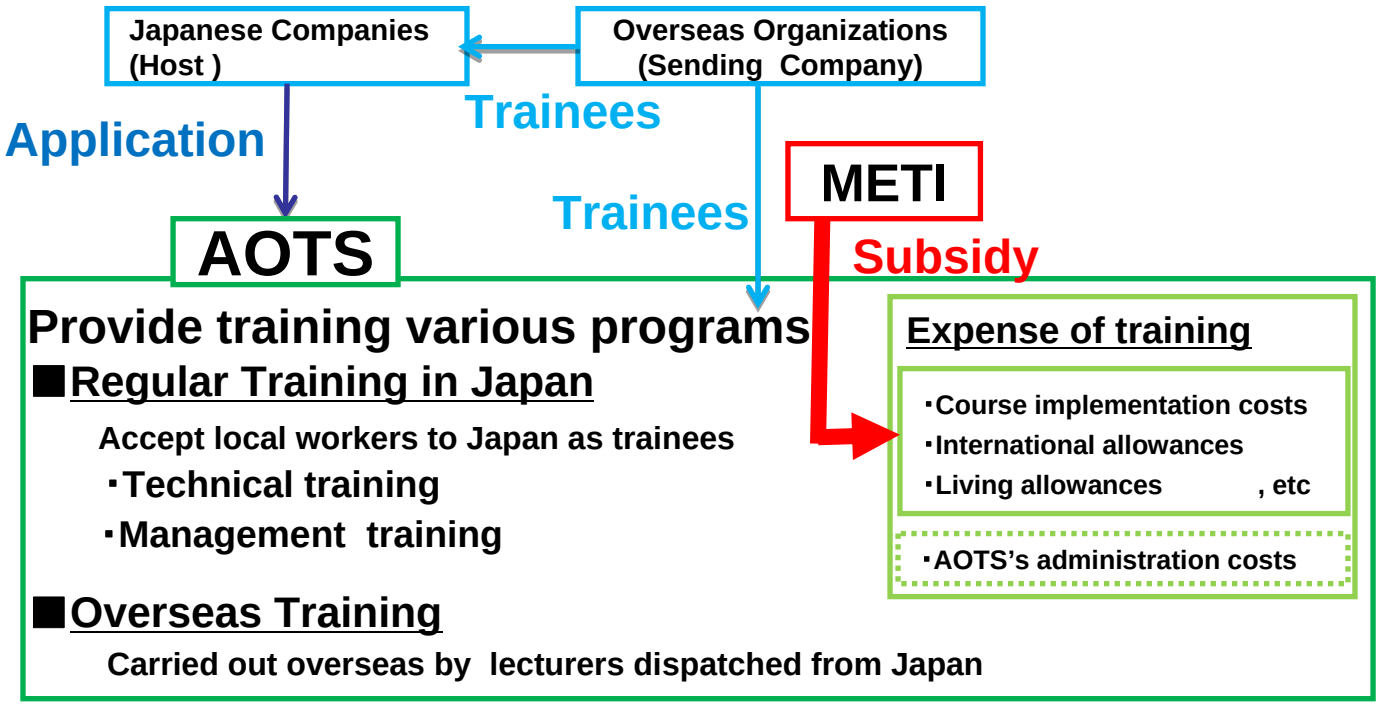
Acceptance of Trainees

AOTS※ can provide training programs for Industrial HRD supporting Green IT activities in Thailand.

※ The Association for Overseas Technical Scholarship (AOTS)

AOTS's Activities (fiscal 2009)

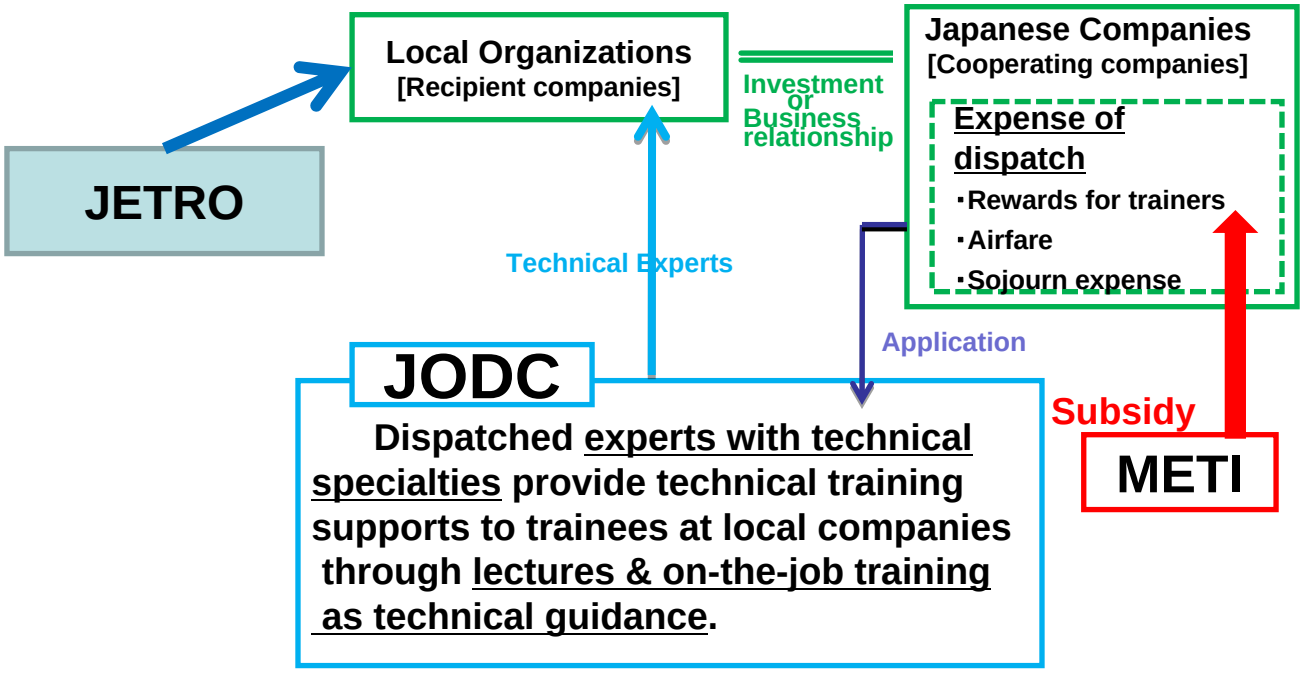
- Regular Training in Japan: 212courses / 6,250 participants
- Overseas Training Programs: 94courses / 3,714 participants



Dispatch of Experts

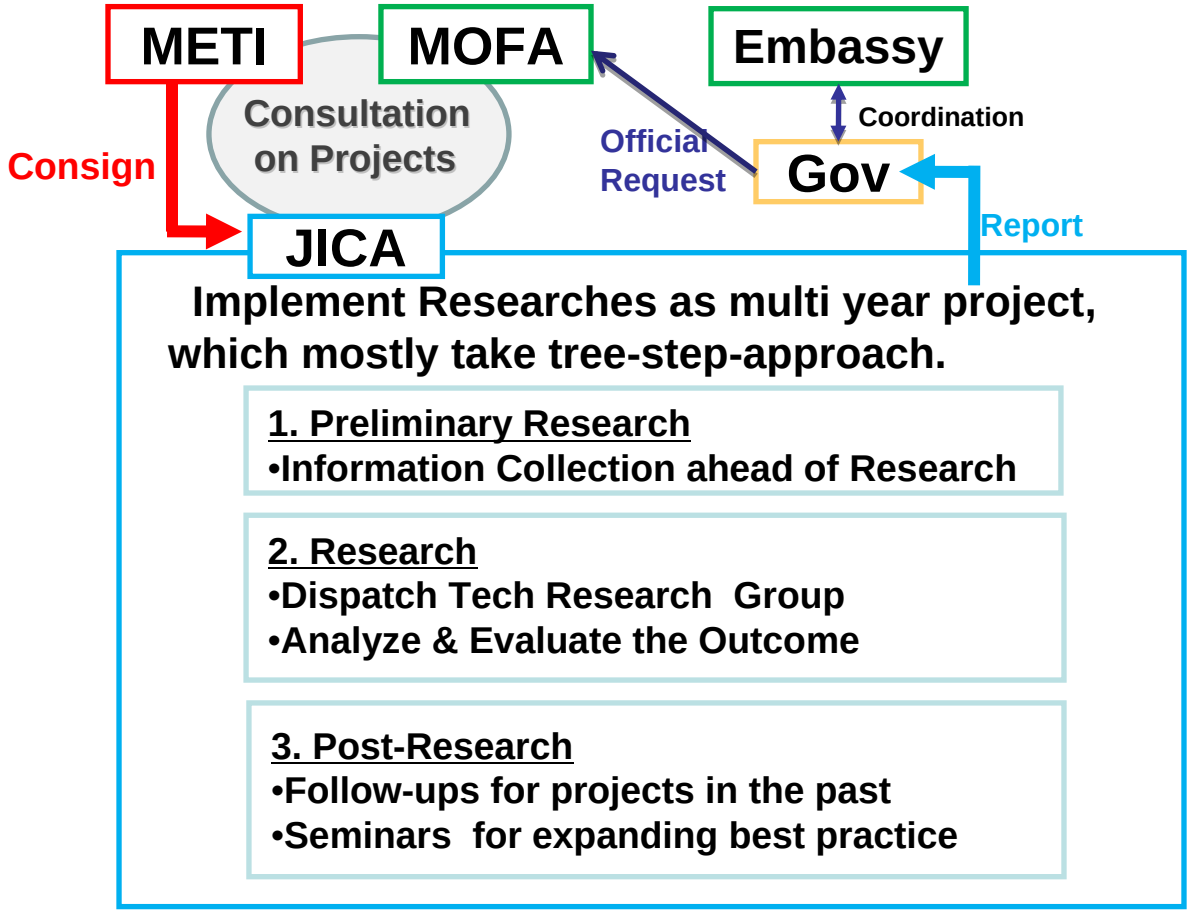
JODC※ and/or JETRO dispatch highly qualified Japanese Experts as technical trainers to local companies.

※ Japan Overseas Development Cooperation



Research for Development Plan (JICA)

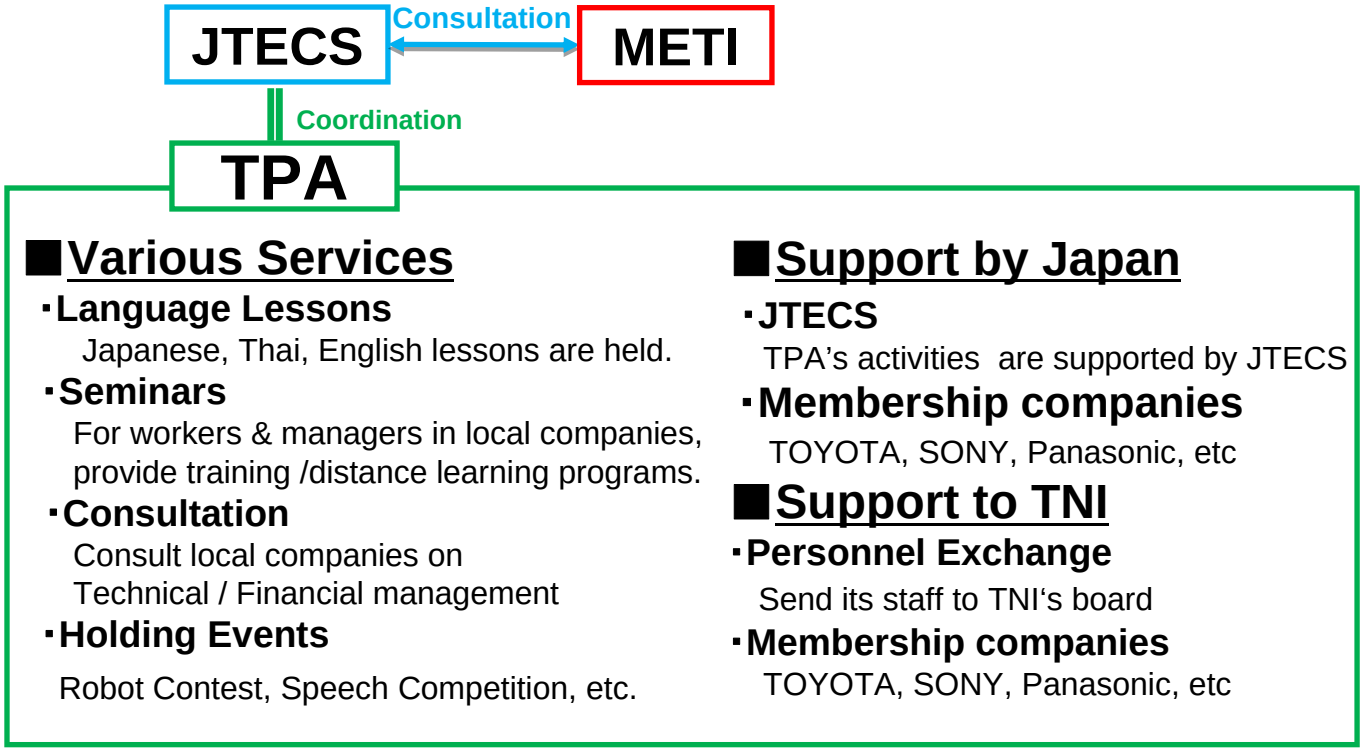
Promote Technical Transfer & HRD through combination of "Experts Dispatch", "Training Provision", "Equipment Supply" on your request.



TPA/TNI

1. TPA was established by AOTS Alumni in Thailand, which provides various services toward local companies in industrial sectors.

2. In 2007, TPA established Thai-Nichi Institute of Technology.



Thank you