Project to Promote the Development and Introduction of Robotic Devices for Nursing Care

Budget: ¥2.39 billion (for FY2013), Period: FY2013–FY2017 (5 years)

Objective & Outline
This project focuses on R&D for the introduction and promotion of robotic devices for nursing care, which will contribute to the independence of the elderly. It will also reduce the burden on caregivers in Japan’s aging society.

This project will formulate and evaluate standards which are necessary to commercialize robotic devices for nursing care. It will also provide financial support to enterprises and other entities which develop robotic devices for nursing care that fulfill criteria categorized in the government’s "Priority Areas to Which Robot Technology is to be Introduced in Nursing Care of the Elderly" based on the needs of actual facilities providing nursing care.

Project Structure & Scheme

I. Development of Robotic Devices for Five Priority Items

Priority items for which robot technology is to be introduced in nursing care for the elderly
(announced by METI and MHLW on Nov 22, 2012)

- Transfer aid device (wearable type)
- Transfer aid device (non-wearable type)
- Mobility support device
- Excretion support device
- Monitoring devices for people with senile dementia

II. Environmental Improvement for Promotion of Robotic Devices for Nursing Care

- Formulation and evaluation of standards, which are indispensable for commercializing robotic devices for nursing care, as well as research to establish demonstration protocols.
- Establishment of demonstration protocols for safety standards, risk assessment, safety test methods, ethical reviews, etc.

Project Image

METI

Consortium (universities, companies, etc.)

Private companies, etc.

Entrustment

Subsidy (1/2-2/3)