Working Group: TEL DSG
Progress report
Title of Project: Extension of Project on ICT Applications for people with Special needs （Ageing and Disabilities）

**Waseda University, Japan &
Government Technology Agency,
Singapore**

- **Proposing APEC Economies:**
  - Japan and Singapore
- **Co-sponsoring APEC Economies:**
  - Thailand, Chinese Taipei, USA, Russia
- **Date of Project Start :**
  - May 1, 2013
- **Date of Project End (as multiyear project for capacity building by training/education/workshop)**
  - December 31, 2017

Major Staff and Researchers

Co-Project Overseers:

- **Prof. Dr. Toshio Obi Waseda University and**
- **Mr. Chan Cheow Hoe of GovTech of Singapore**
- **Deputy Director: Prof. Dr. Naoko Iwasaki, Waseda University**
- **Researchers: Prof. Dr. Sato, Prof. Dr. Negoro, Prof. Dr. Nakamura, Prof. Dr. Higuchi of Waseda University**
- **Visiting Researchers: Dr. Ishmatova, Dr.Hien, Dr. Hai and more**

Brief description of Project

Purpose and the principal activities

The main goal of this project is to extend the APEC funded project （TEL 01/2011A） that has created an effective platform for knowledge exchange on innovation for assistive ICT applications for elderly and disabled people.

- The project has been developed in compliance with the declaration of the TELMIN8, and the resolutions for bridging digital divide adopted at the previous APEC meetings.

- The project has included evaluation of experiences in implementation and manpower training of ICT applications for people with special needs in participating Economies.

- The findings and recommendations by the project have been published both as report and capacity building model respectively.

- The project has played an important role of cooperation with intra APEC FORAs such as Economic Committee as well as international organizations such as OECD,EU and NGOs for multi-year activities

- The 14 APEC Economies and stakeholders were committed to work on the development for ICT applications for people with special needs （elderly and disabled） at **1st stage.**

- This is demonstrated in the Waseda Statement announced at the successful APEC-OECD Tokyo Workshop in September 2012, with inputs from the participants and speakers in addition to Workshops held at both Da Nang, Vietnam and Beijing as **the 2nd stage**

- Project Publications on the topics in APEC were issued . Major Media covered them.

- The project has included evaluation of experiences in implementation and manpower training of ICT applications for people with special needs in participating Economies.

- The findings and recommendations are published in the economy report and capacity building model report respectively.

- The co-organizers, representatives from GovTech of Singapore and Waseda University of Japan had the review meeting in August 19, 2014 in Singapore where they reviewed the various activities including the most successful APECTEL e-Gov Forum at National University of Singapore in June 16-17,2014

APECTEL Workshop on e-Ageing in June
chaired by Prof. Obi Dr Bollard made speech

Innovation in ICT application for ageing people
-Need Simple usability and affordability

dynapocket

HTC Desire
SoftBank
X06HT

IS01 by SHARP

IS02 by TOSHIBA

au

Softbank

dynapocket

BlackBerry Bold 97

Doco mo

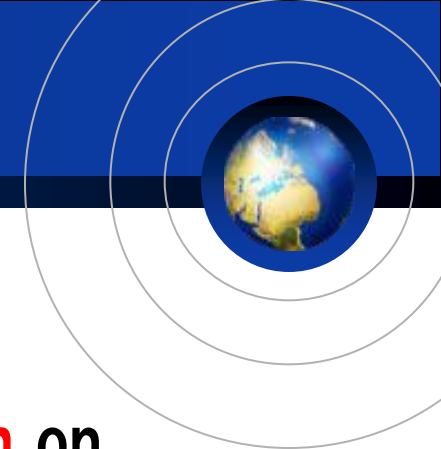TOUCH DIAMOND

ICT applications for people with special needs

case of HOME ELECTRONICS

- Smart home
- Sensors by bed occupancy
- Home safety alerts and GPS
- OASIS（open architecture for sensor）
- Remote for single living sensors
- Environmental controls
- Cooker safety
- Home treatment

- Presentation by Prof.Obi at **APEC=PECC Forum** on Internet Economy , Boracay Philippines, 2015
- Presentation by Prof.Iwasaki at **OECD** meeting in Paris in 2015
- The 3rd Research committee on **ICT and Woman** in e-Ageing meeting by IAC with speaker Lawyer Mizukoshi 2015
- **APEC e-Ageing** Seminar in September 28,2015
- Presentation by Prof. Obi at **United Nations,** ECOSOC New York, 2015

AND DISABILITY PEOPLE IN APEC REGION.

SDG （SUSTAINABLE DEV. GOALS） AND DISASTER

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Speech by Prof. Obi Japan

- Japan-China Forum on Ageing in China October 26 2015
- Publication : report on e-Ageing in APEC
- Training/education program: 100 students for one semester（October 2015 to March 2016）at Waseda Univ. lectured by MIC METI and NTT
- Technical assistances to developing economies
- The APECTEL Meeting in Kyoto in November2, 2016 – the Industry Roundtable discussion on e-Ageing

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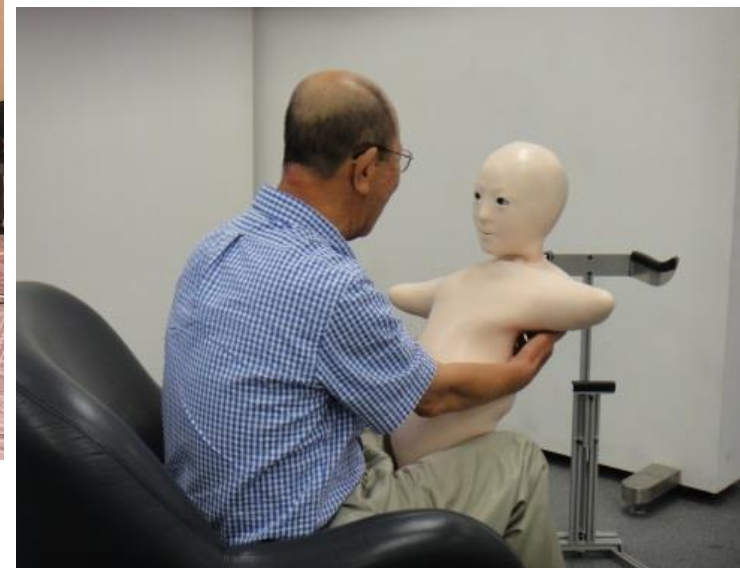
The 5th Stage Activities Nov. 2016-March. 2017

- **UN FPA (Fund for Population Activities) Forum on e-Ageing in Beijing in November 30th as a speaker**

- **Meeting for cooperation with ASEAN CIO Association in Phnom Penh December 1-2, 2016**

- **Global Innovation Forum on e-Ageing by EU and G7 Summit in Brussels in Dec. 5,2016 – Participating as speakers**

- **Japan – China Silver Innovation Forum in Beijing in Feb 28, 2017**

- **Continuity of Capacity Building/Human Resource Development program which need long range for accomplishment of effective education/training**

Silver Employment

- 1 Billion jobs needed for active seniors from 60-75 years old in 2050

- 80% of retired persons will seek jobs after retirement and 20% only can find jobs

- New work styles using ICT are needed (Telework)

- New Silver business

- Innovation in ICT will

create business

opportunities

Future Plan

- **Publication on Smart Silver Innovation in APEC region in Autumn 2017**

- Stakeholders Review Meeting in Moscow, Russia in Sept.29 2017 by Japan, Singapore, USA, Thailand and Chinese Taipei

- G7 Global Healthy Ageing Innovation Summit in Brussels in December 2017 as speaker

@ Global Priority Issues-　　e-Ageing

Silver Democracy

Silver Tsunami

Silver Innovation

@ Global Silver Market in 2050　$ 22 Trillion

Thank you !
Prof.Dr. Toshio Obi
Waseda University,Japan