

Redesigning Communities for Aged Society

~ Co-creation by Multi-stakeholders ~

Hiroko Akiyama

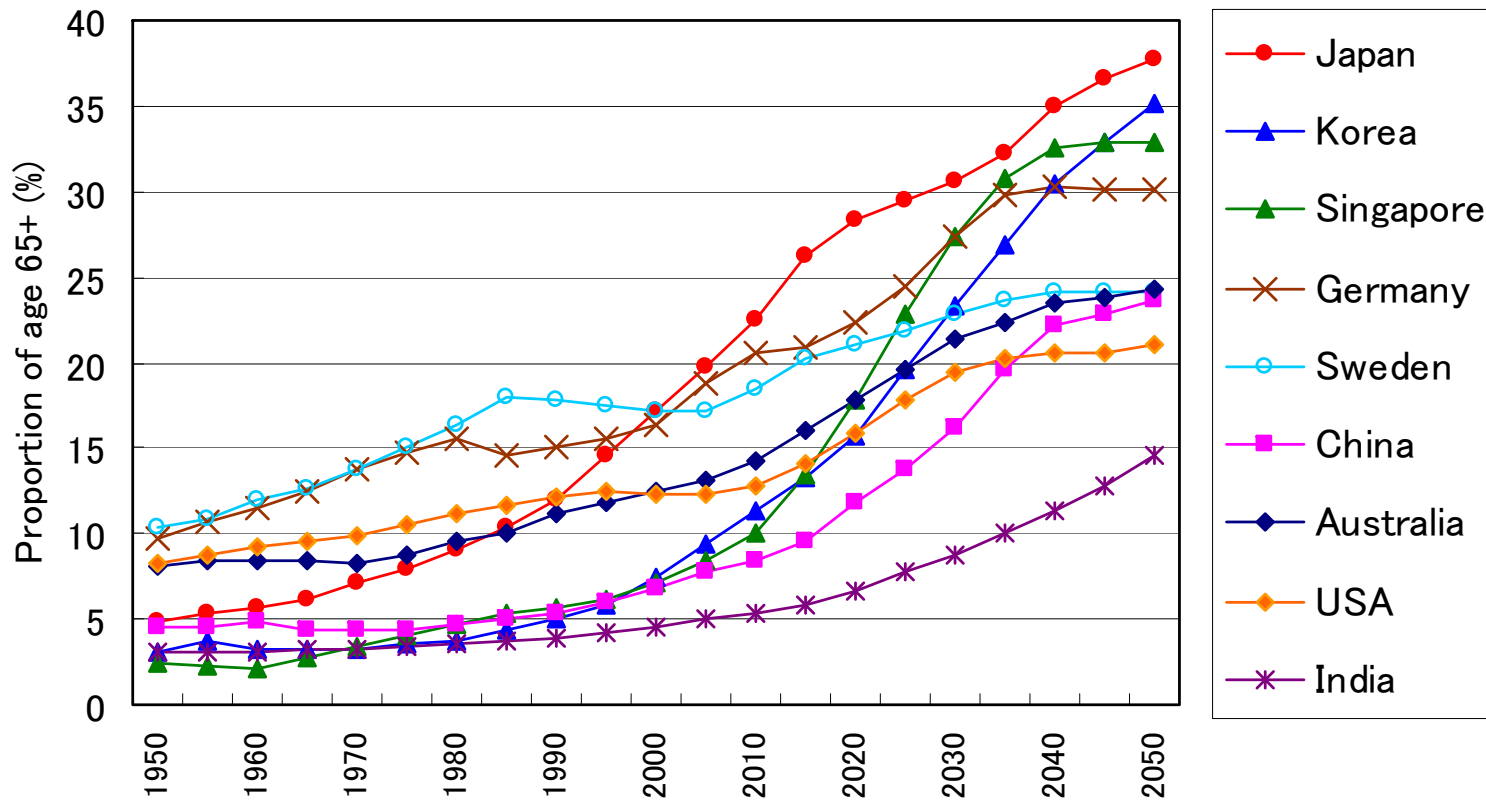
**Institute of Gerontology
The University of Tokyo**



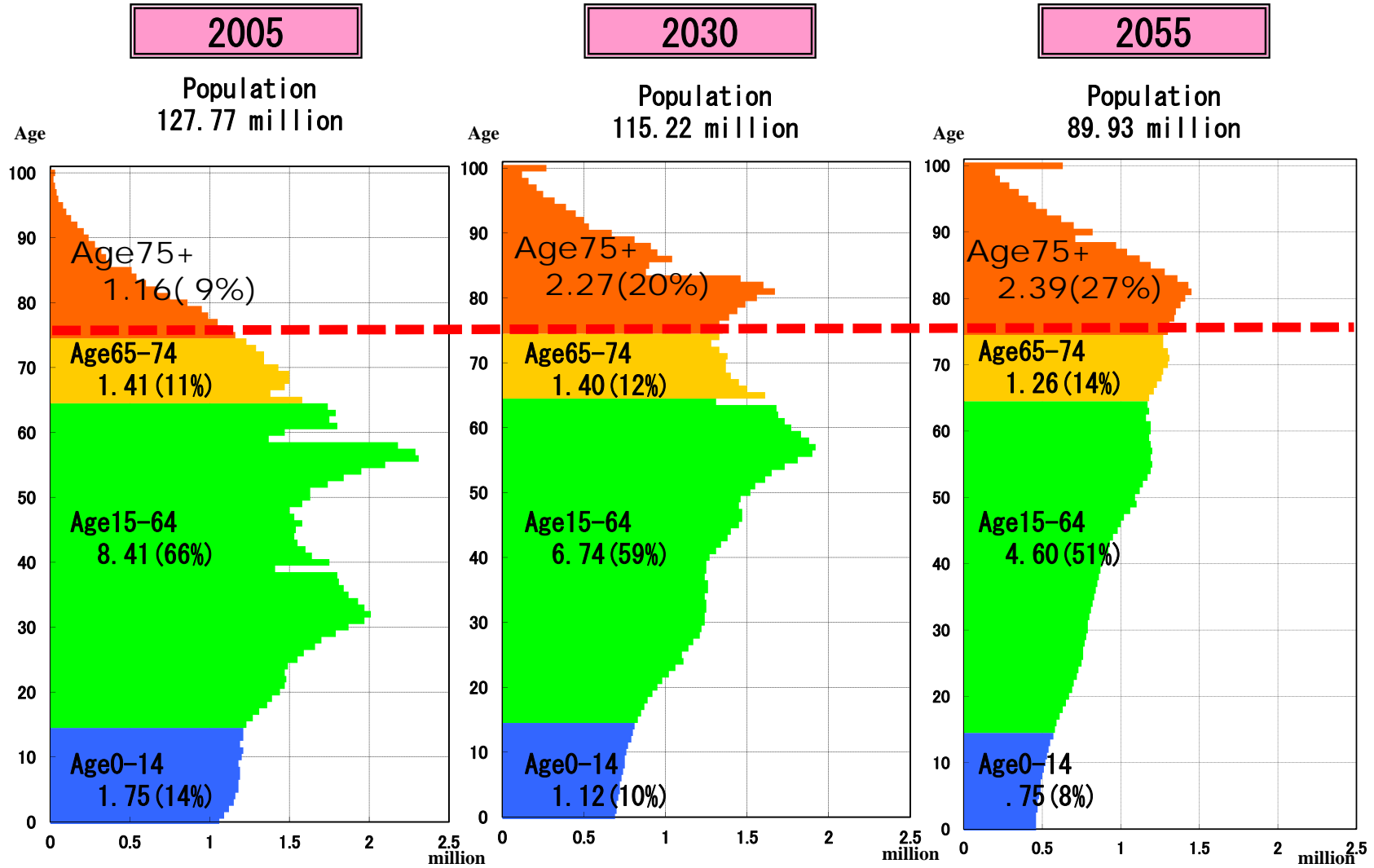
The 6th International Forum on the “Future City” Initiative
August 30, 2016



Global Population Aging (1950—2050)



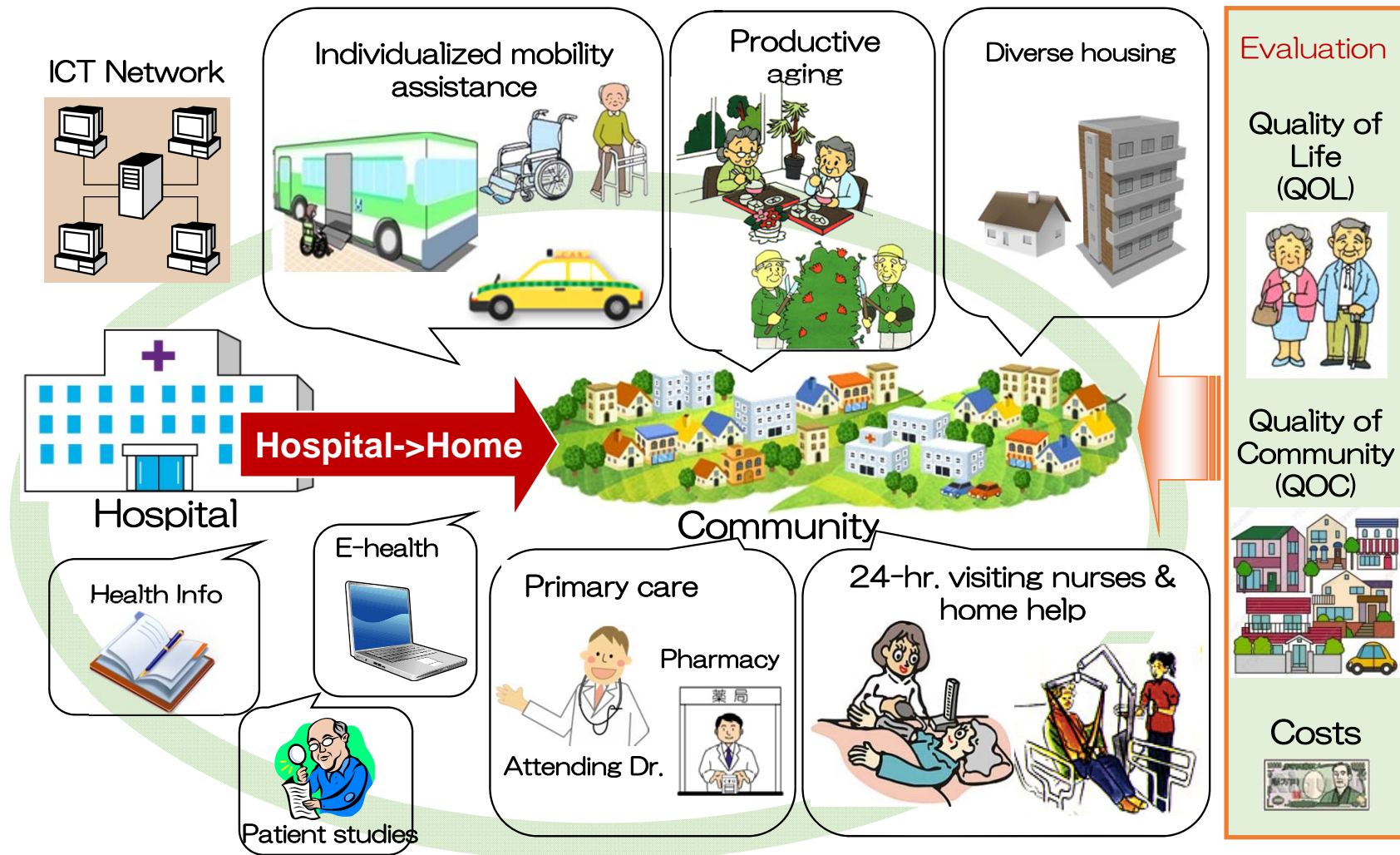
Drastic Increase of Older-olds (age75+) - Japan



Challenges and Opportunities in Aged Society

- **Life design for 90 years**
- **Redesigning the hard and soft infrastructure of society to meet the needs of population aging**

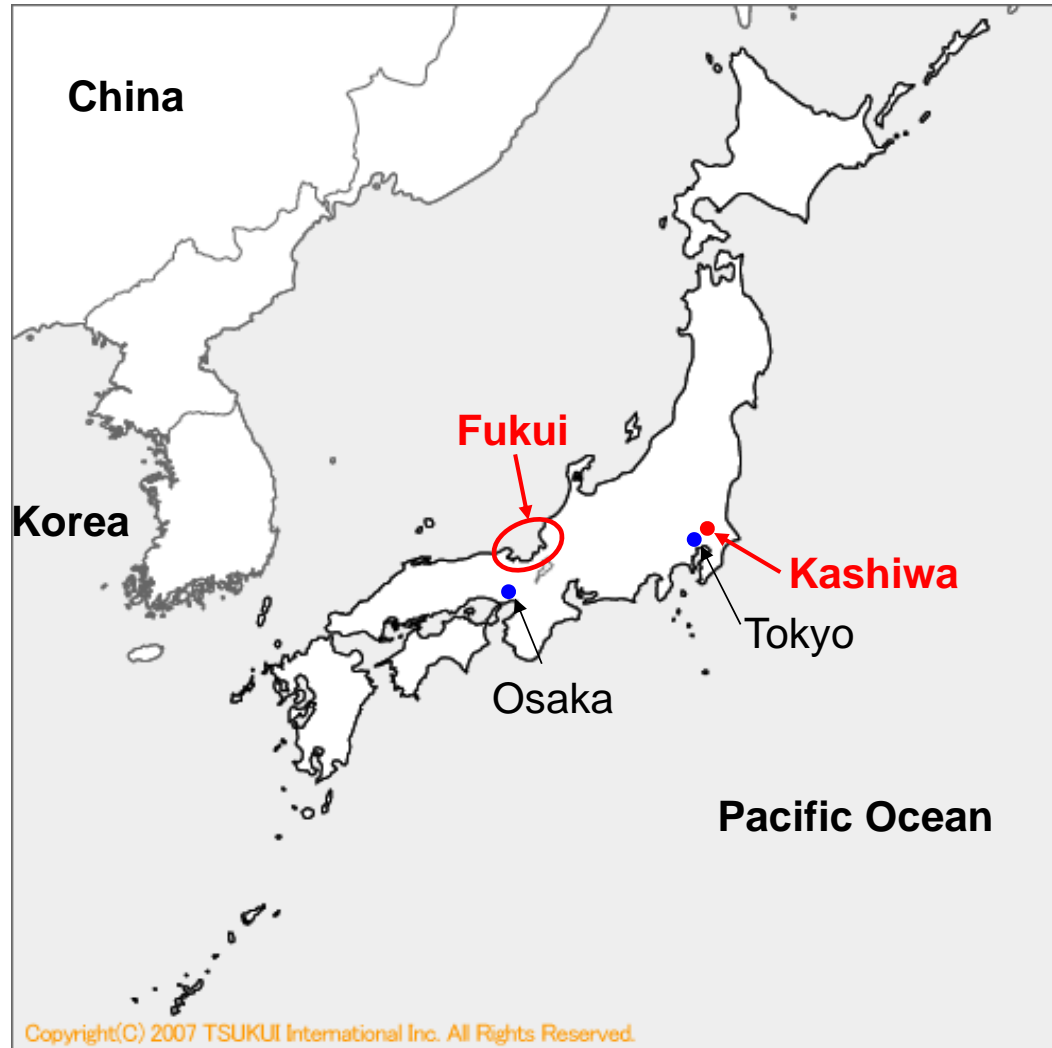
Redesigning Communities for Aged Society



Major Projects

- **Productive aging**
- **Life long learning**
- **Human Bonds**
- **Frailty prevention**
- **Health care & long term care**
- **Housing**
- **Transportation**
- **ICT**

Social Experiment Sites



Work Places for the Second Life



Seniors in Work Places



Frailty Prevention



Oral cavity (1)
salivary bacterial
counts
Moisture
Swallowing
function

InBody

Ultrasound
measurement of
quadriceps femoris

Questionnaire

Cognitive function

Physical ability
Grip strength/TUG
Pinch strength
Knee extension
strength
Sit-to-stand test

Body measurement
Finger circle test

Walking
speed

Oral cavity (2)
Ultrasound
measurement
of tongue
Dental formula
Gum/gummy

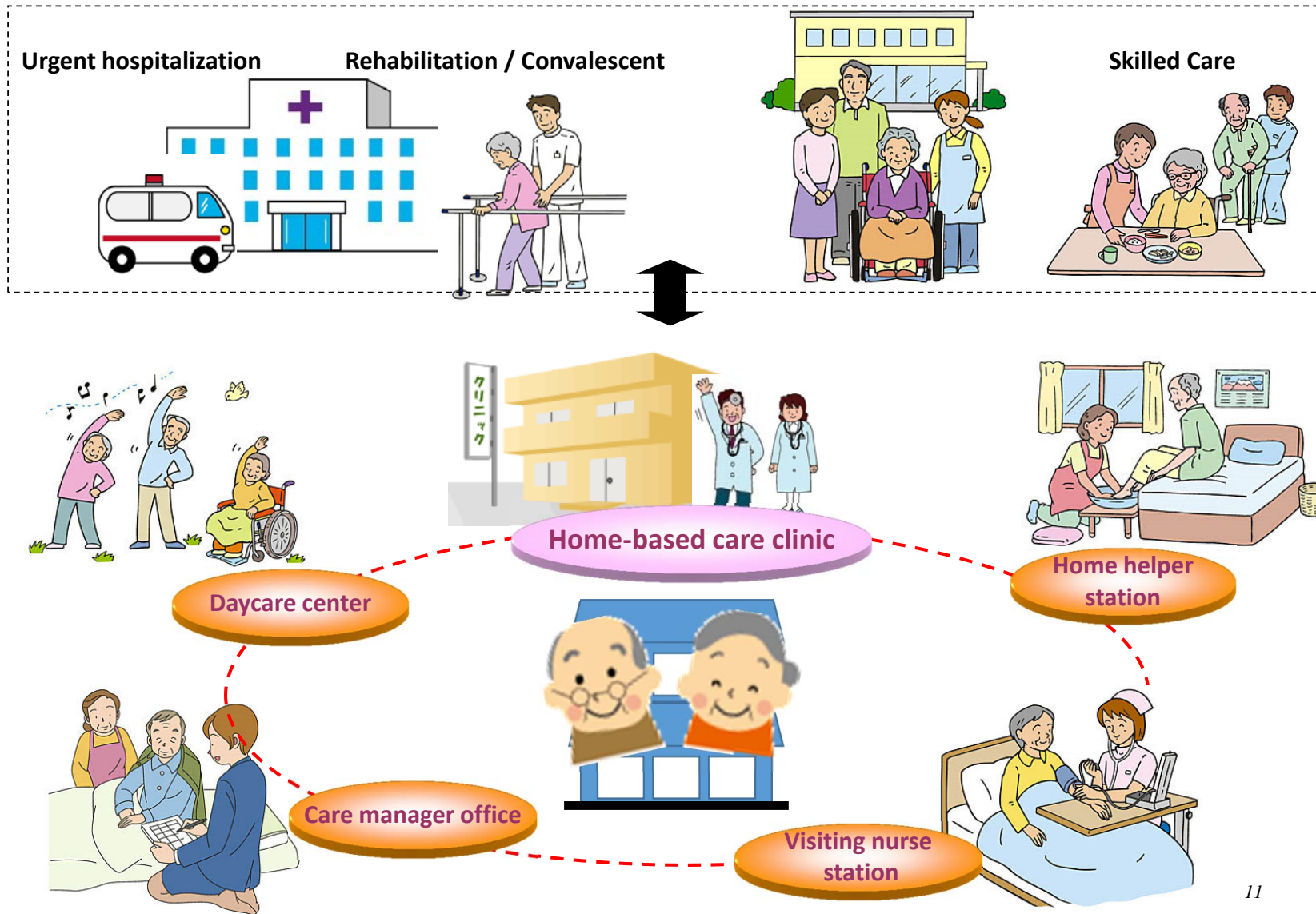
Blood
drawing

Medical
interview

Reception

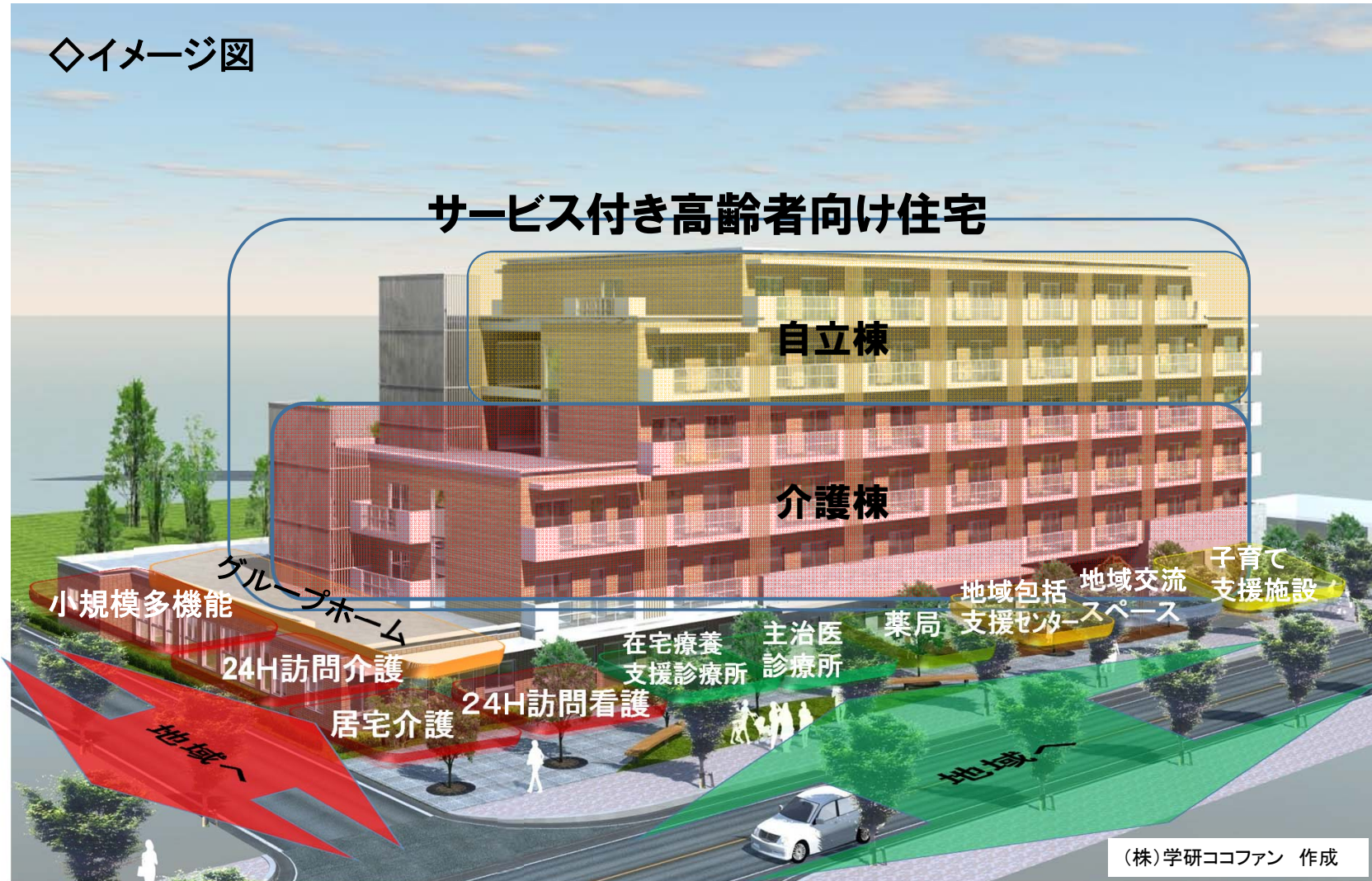
Final check

Comprehensive and Integrated Community Care System

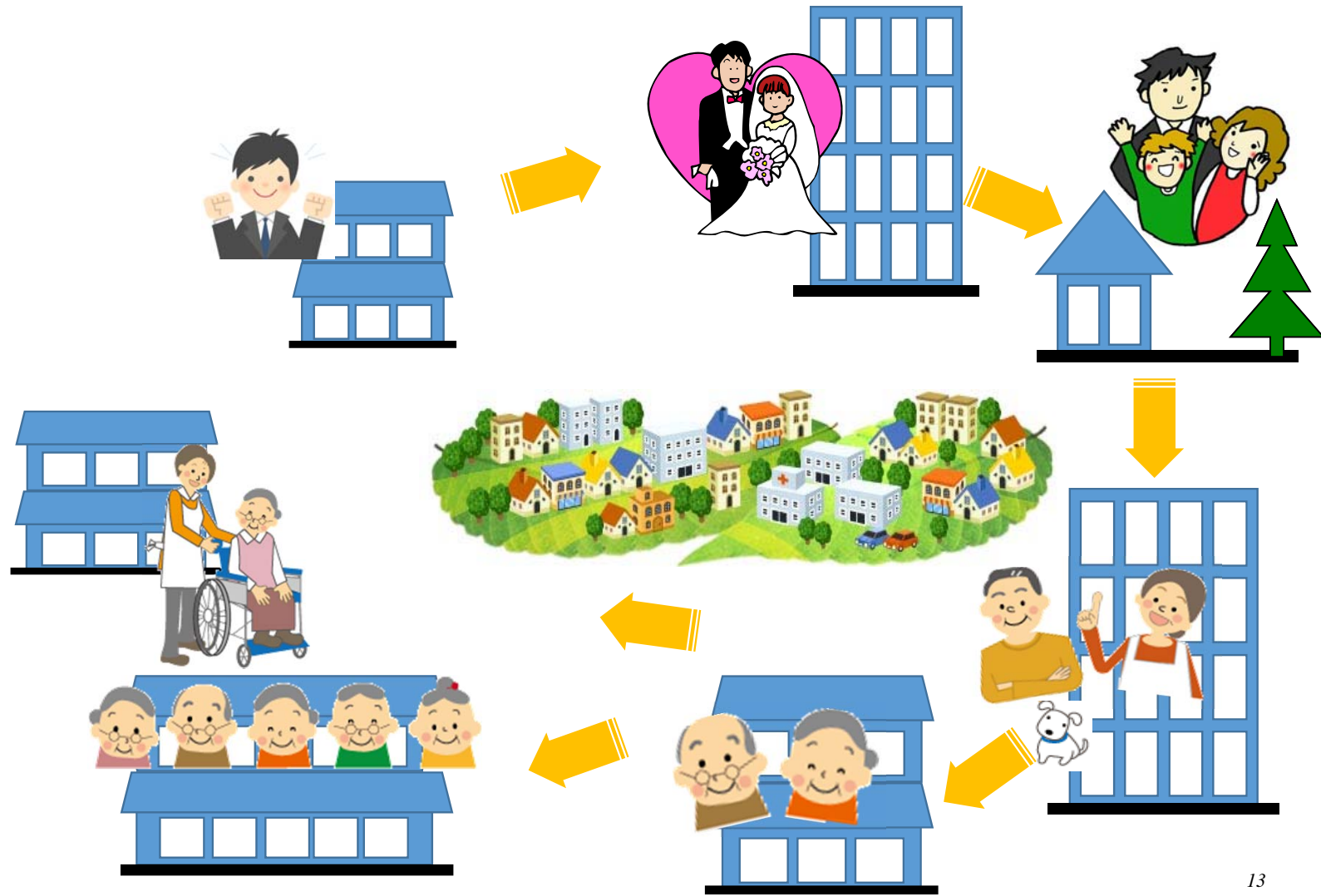


Assisted Living in Community

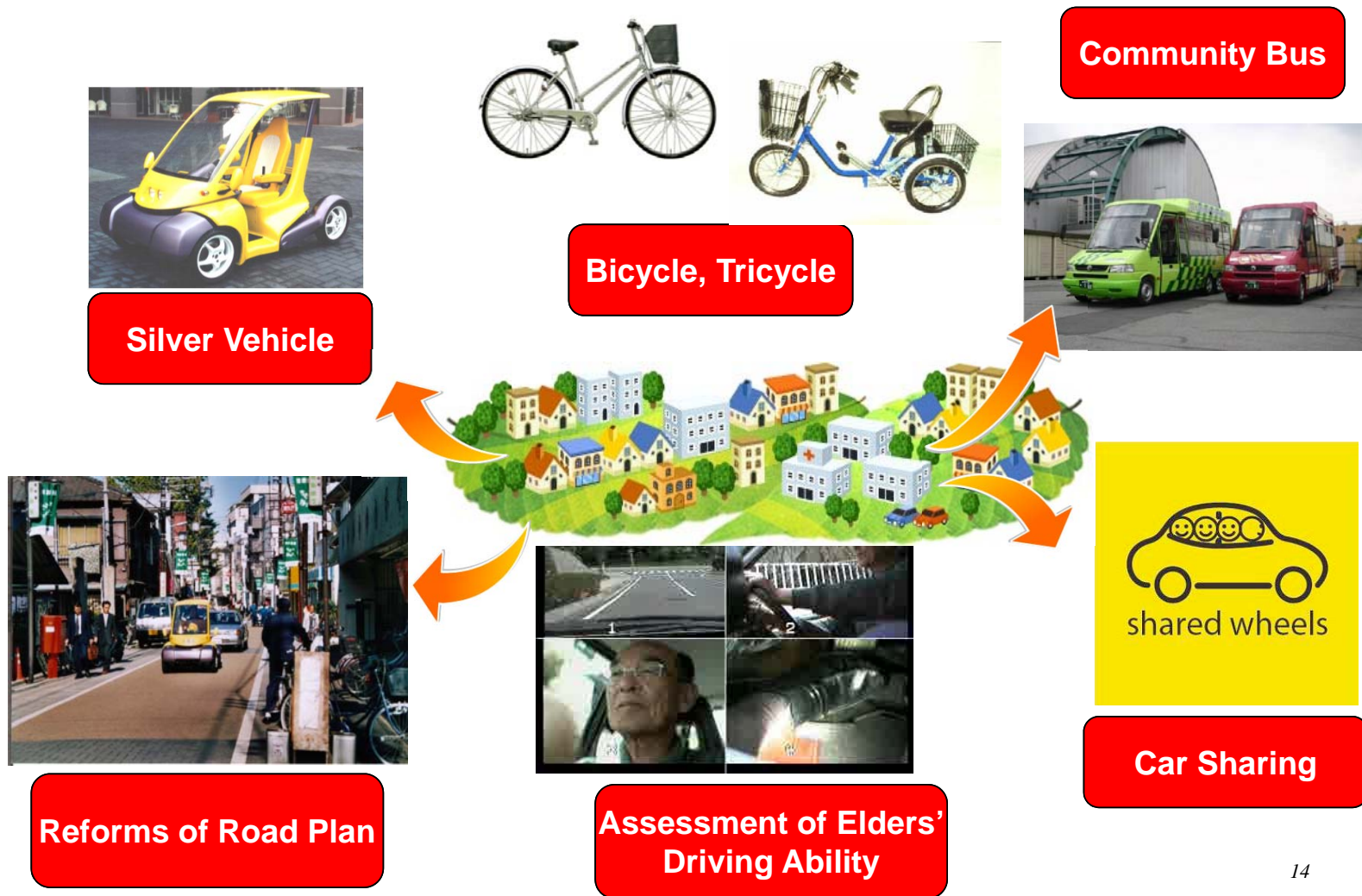
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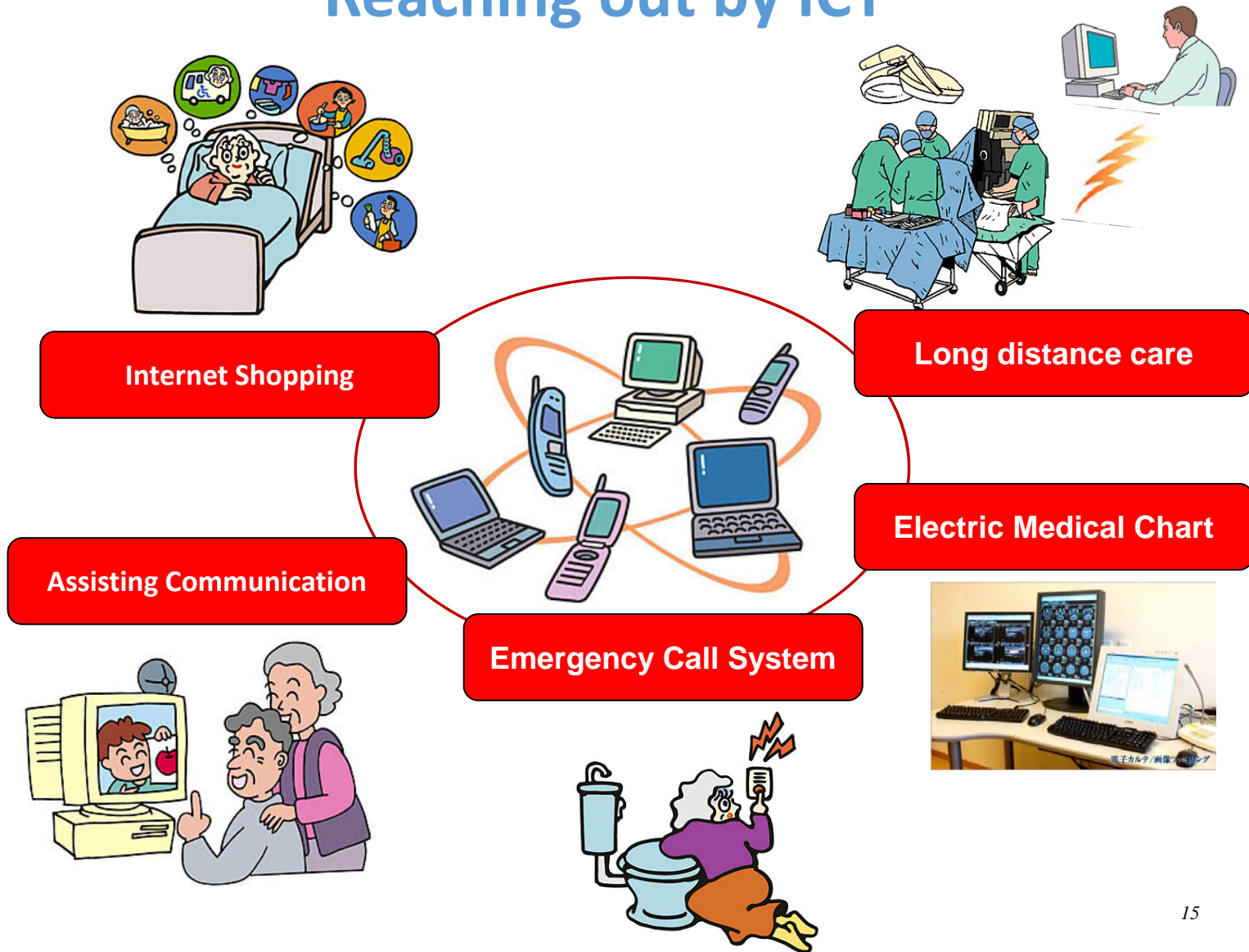
Housing for Life Stages



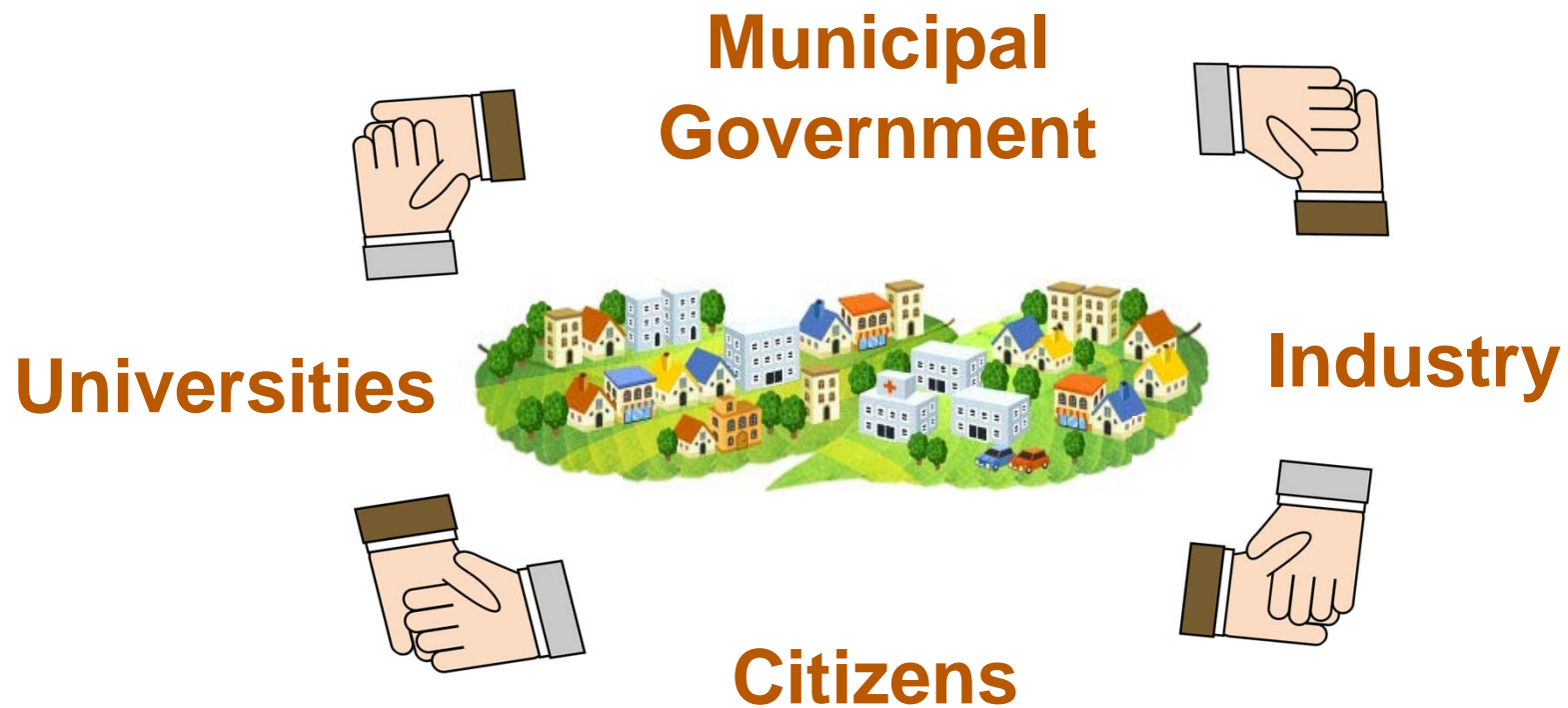
Alternative Means of Transportation



Reaching out by ICT



Collaboration of Multi-stakeholders



Living Lab - Platform for Open Innovation -

