

โอกาสใหม่และข้อท้าทาย: การจัดสิ่งอำนวยความสะดวก (Assistive Technology, AT) เป็นกลุ่มประเภทใหม่ของเครื่องมือแพทย์

**ในงานประชุมวิชาการ NECTEC-ACE 2018 วันอังคารที่ 25 กันยายน 2561
เวลา 13.00-16.15 น. ณ ศูนย์การประชุมแห่งชาติสิริกิติ์ ห้อง Meeting Room 2**

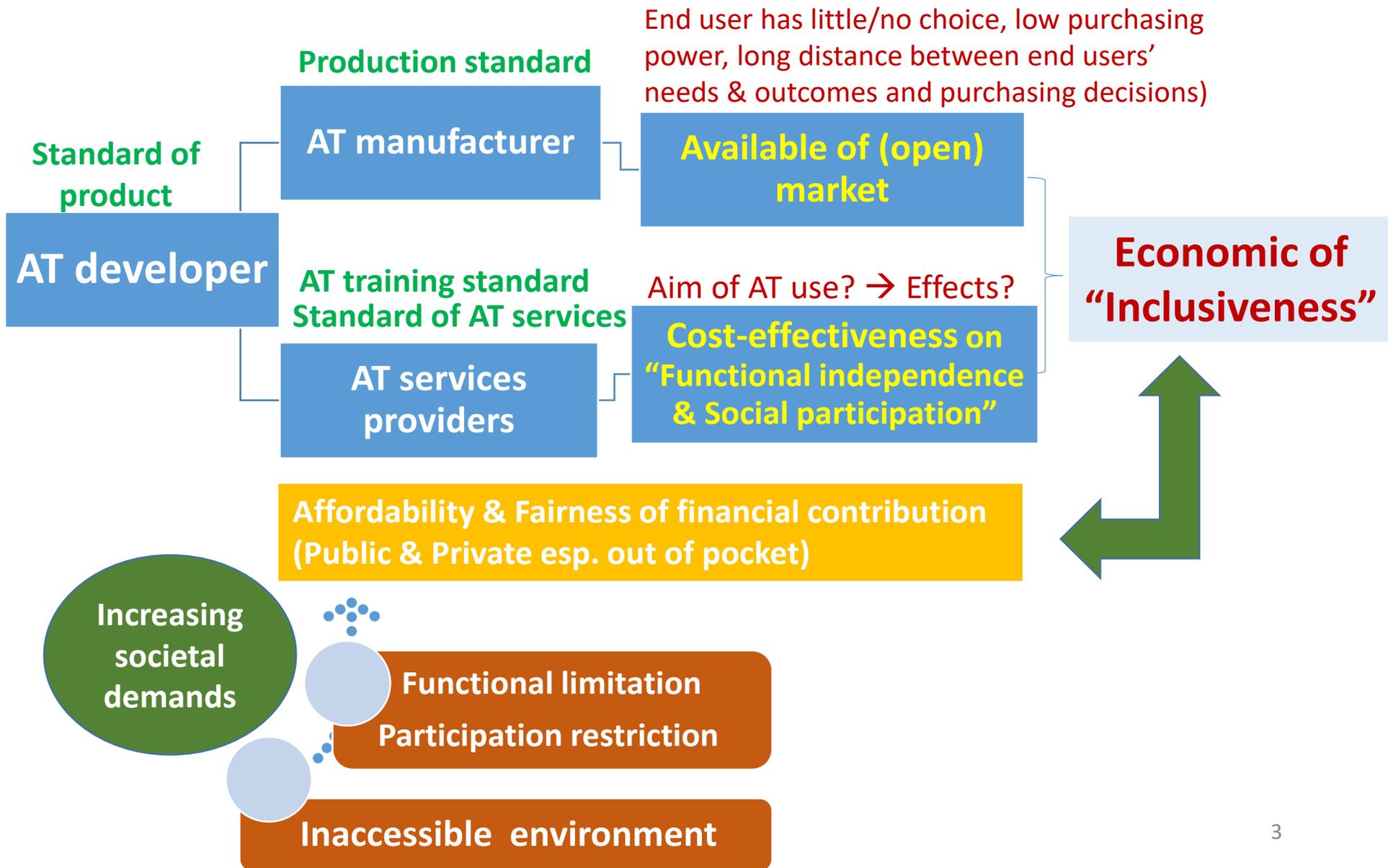
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Assistive Technology

- AT = **product & related services** used by persons with disability to **enabling and enhancing their inclusion in all domains of participation**
 - What are important domains of participation; health, education, social, vocation?
 - What should be included in the Product Priority List? Who are funder(s)?
- AT solution = a **combination of products and strategies** to meet an individual's needs
 - What are the must related or supportive services?
- Impact of AT solution <-> user's aspirations & individual characteristics (**no one solution fits all**)
 - How to provide AT services?
- **Who might benefit** from AT in their daily life? Increasing!
- **How can we assure** that as many as possible needed people could access to their AT solution (within limited resources!)?

AT services systems context



AT as a human right

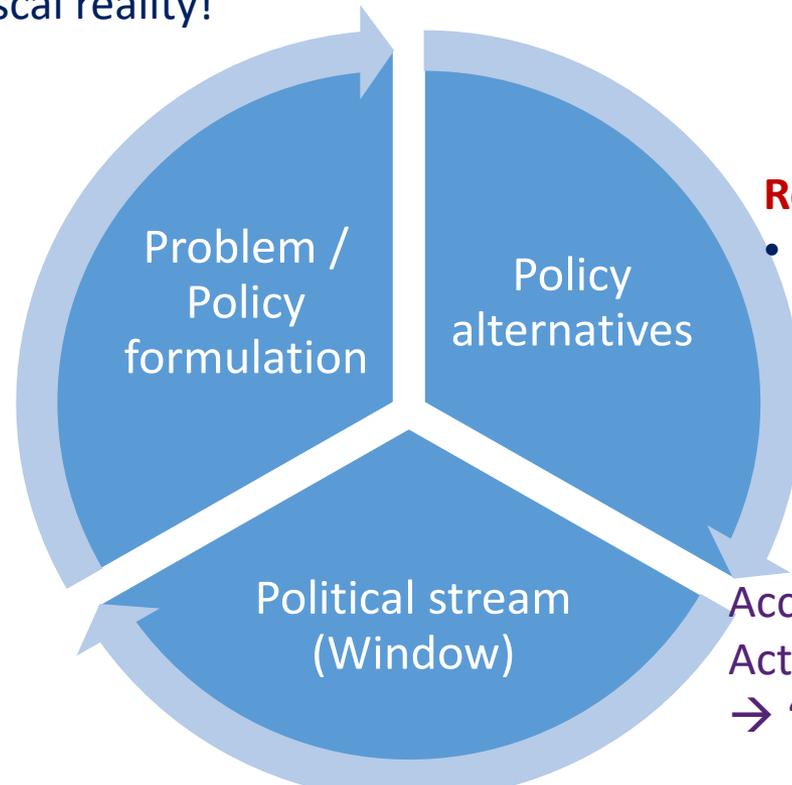
- **UN-CRPD** → to enforce appropriate measures to facilitate access to AT solutions → to improve independence in daily life & to participation in the society on an equal basis with others (article 20)
- **UDHR** (Universal Declaration of Human Right) → the right to access freedoms; the right to not subjected to degrading treatment, right to work, right to access education, ..
- **71st WHA resolution** on “Improving access to assistive technology” (May 2018)
 - Develop policy & program
 - Ensure adequate & trained human resources
 - Ensure access to most appropriate assistive products
 - Develop **national list of priority assistive products**
 - Promote investment in R&D

Problems, Policies & Politics: to improve AT services

Argument: social & ethical values are upheld by legislative & policy framework, but against fiscal reality!

Problem statement:

- Underfunded, unfair, fragmented, inefficient AT provision systems!
- Little/no user choices
- No certain of access to appropriate support
- Increasing demand for services



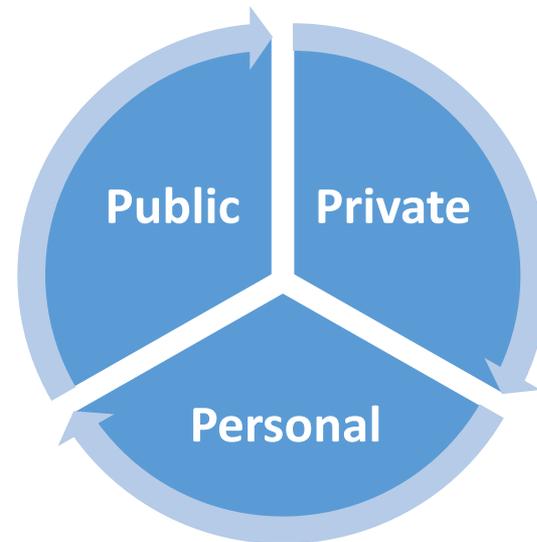
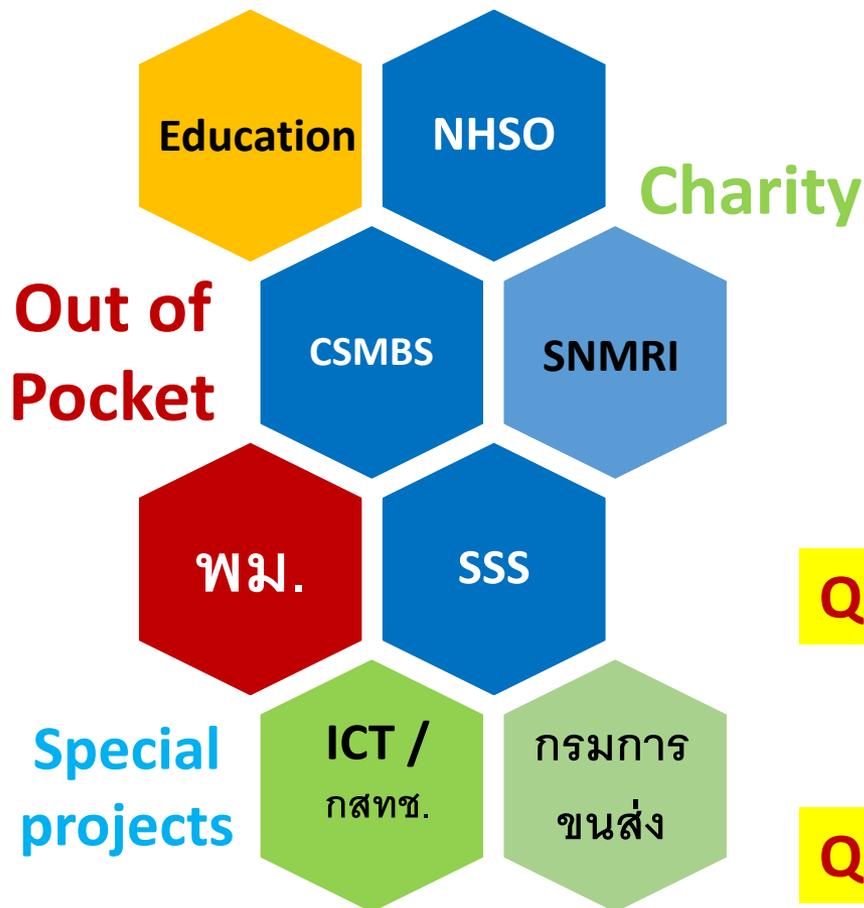
Resource allocation!

- “value for money”, V.S. “participation & inclusive development”

Access for all, Live-able cities, Active aging, Enabling solutions
→ “Economics of inclusiveness”

Aging, medical & disability, industrial design & trading, urban planning, health economics

Thailand AT funds & Priority List



Q1: Cost-effectiveness!?!

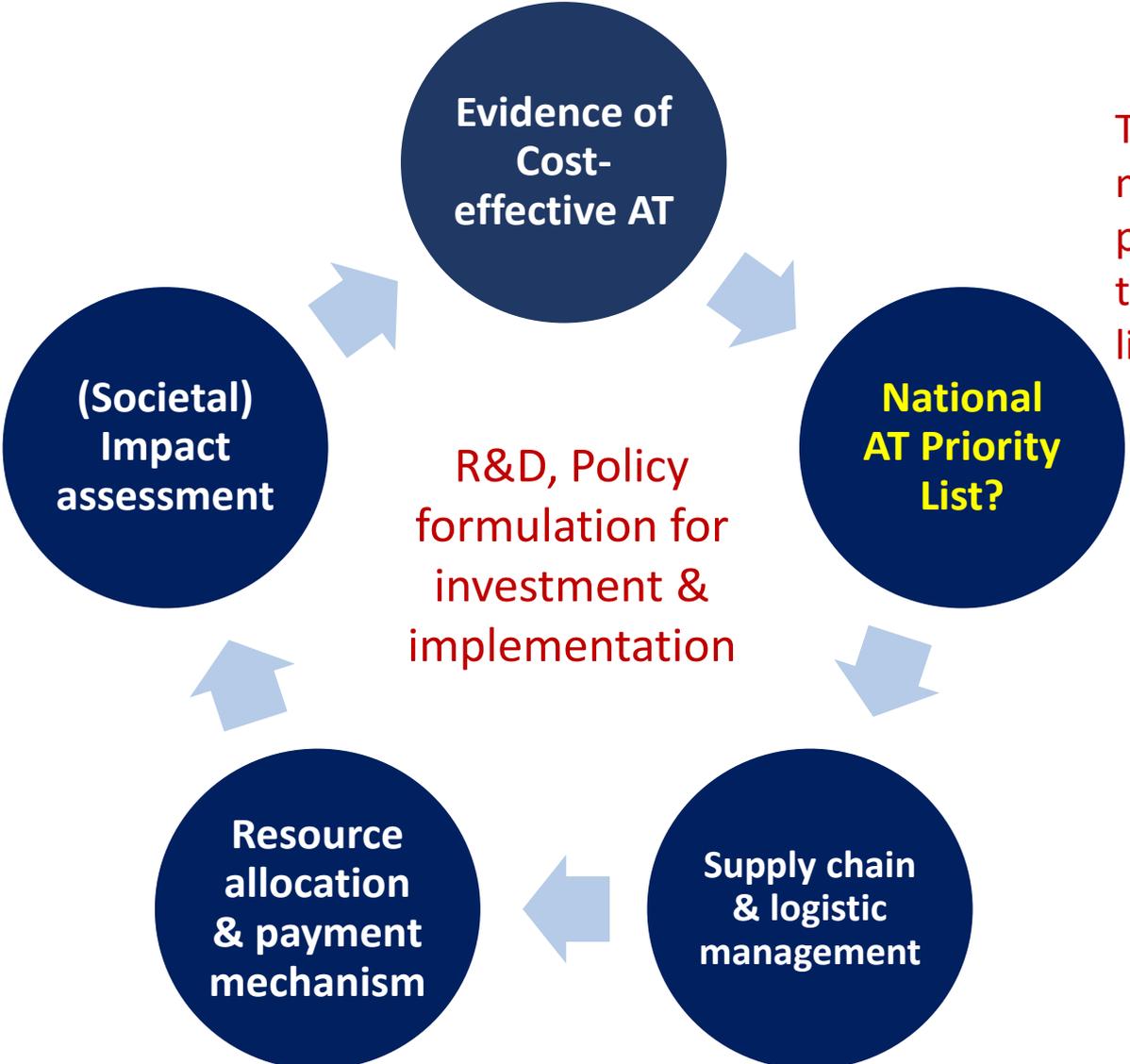
1. What AT to provide?
2. Who are eligible?

Q2: Equitable access!?!

Q3: Fairness of financial contribution!?!

- How to provide AT services?

Evidence-guided AT provision systems development



To assure that that as many as possible needed people could access to their AT solution (within limited resources!)

“Economics of Inclusiveness”