



Multidisciplinary assessment of needs and assistive technology centres for people with severe and multiple disabilities in Emilia- Romagna: The AIAS-concept from Bologna

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The changing landscape of assistive technology

2006



United Nations

Convention on the Rights of Persons with Disabilities

«*access to assistive technology is a human right (Article 32)*»

2014



World Health Organization

The **GATE** Initiative

«*to improve access to assistive technology as a part of Universal Health Coverage*»

2022



World Health Organization

unicef 

Global Report on Assistive Technology

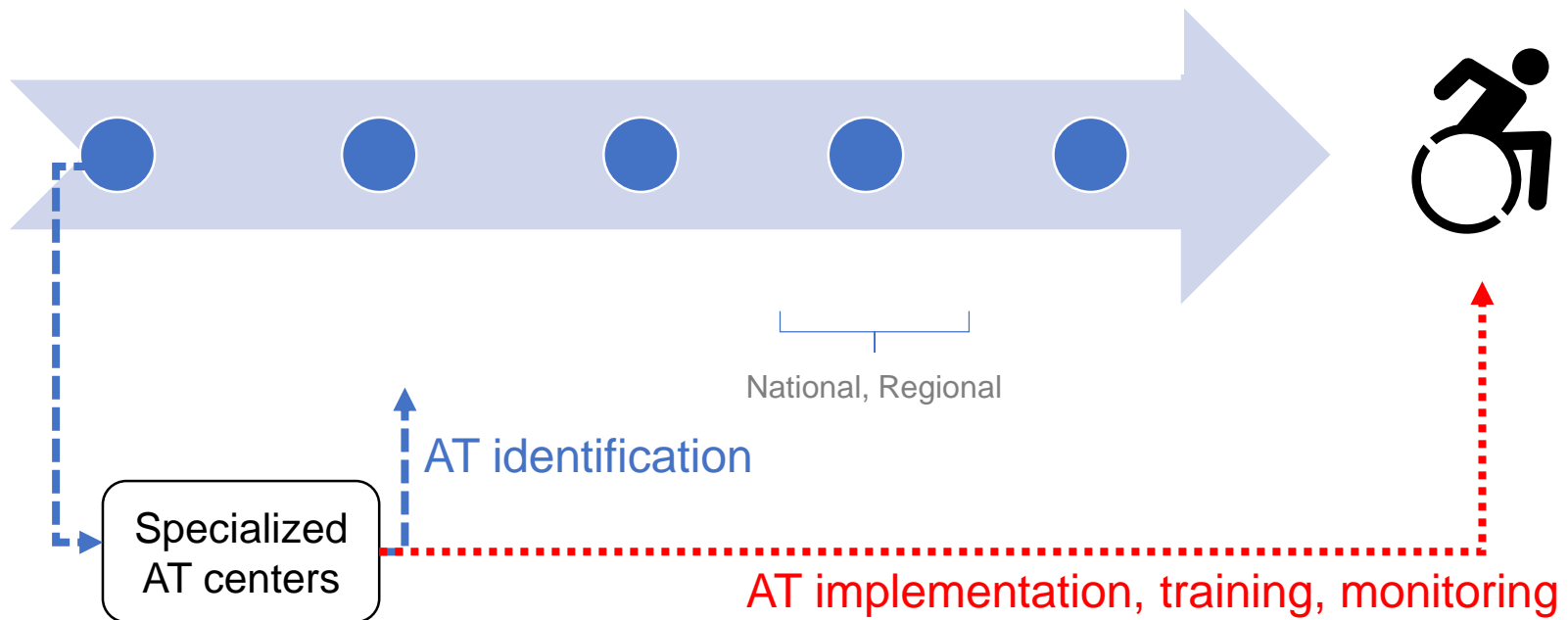
«*highlighting the current need, demand, and supply of assistive technology, outlining good practices for innovation and recommendations to improve access*»

Aim of this presentation

Providing an overview of the structure, organization as well activities and principles of an exemplar specialized centre for assistive technology in Italy

Background:

AT Service Provision in Italy



Background:

The Italian Network of specialized AT Centres

- **29 Specialized AT centres** in 14 regions
- The GLIC Centres share **common characteristics**
 - Stable structure
 - No commercial interests
 - Multidisciplinary team
 - AT showroom
 - Networking with local services
 - Collaboration with the market



www.centriausili.it

The Regional Centre for AT in Emilia-Romagna

- **City of Bologna** (1M inh.), capital of the Emilia-Romagna Region (4.5M inh.)
- Established in 2007
- Publicly funded (unit cost reimbursement)
- Operated by AIAS Bologna onlus, a local NGO



The Regional Centre for AT in Emilia-Romagna

1. Clinical Area (managed by Local Health Trust)

- Regional Centre for speech & language impairments and cognitive disabilities
- Center for Autism Spectrum Disorder
- Centre for Developmental Neuromotor Disabilities (Institute of Neurological Sciences)

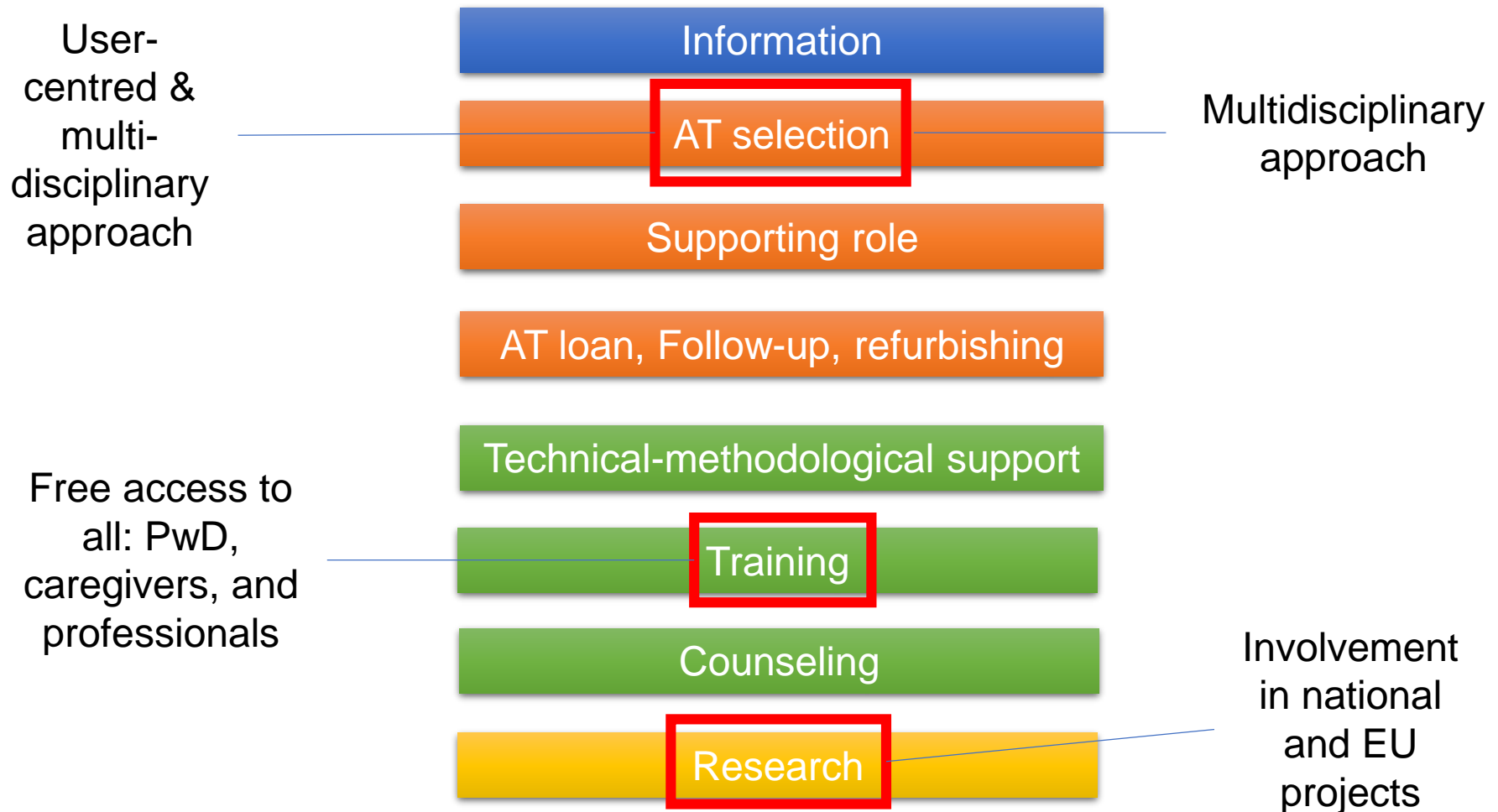
2. Regional Centre for AT (CRA)

- AT/ICT Service
- Smart Homes



Supporting people with motor and/or intellectual disabilities of all ages or people who are frail in identifying appropriate technological solutions to increase participation in all realms of life.

The Regional Centre's core activities and guiding principles



How we assess evidence?

- **Are we effective?**

- follow-up strategy with 3 tools

IPPA → perceived effectiveness

QUEST → AT services/solution satisfaction

KWAZO → AT service delivery quality

- **Are we efficient?**

- **SCAI** → Social cost of AT interventions

ASSOCIAZIONE G.L.I.C.

Valutare l'outcome del percorso di fornitura degli ausili

A cura di
Lorenzo Desideri
Claudia Saletino
Lucia Pigni
Angela Riccio
Stefano Bravi
Paolo Andraghetti
Renzo Andrich



«Assessing the outcome of AT service delivery»

Some numbers

- **AT area employs 25 operators**
 - 10 AT technicians/engineers
 - 6 Social educators
 - 3 Physiotherapists and/or Occupational therapists
 - 1 Architect
 - 1 Psychologist
 - 3 Administrative staff
 - 1 Project manager
- **Services delivered in 2016**
 - **445** users
 - **1643** meetings with users
 - **1716** meetings with professionals
 - **77** training events involving **2822** participants



THANKS FOR THE ATTENTION!



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