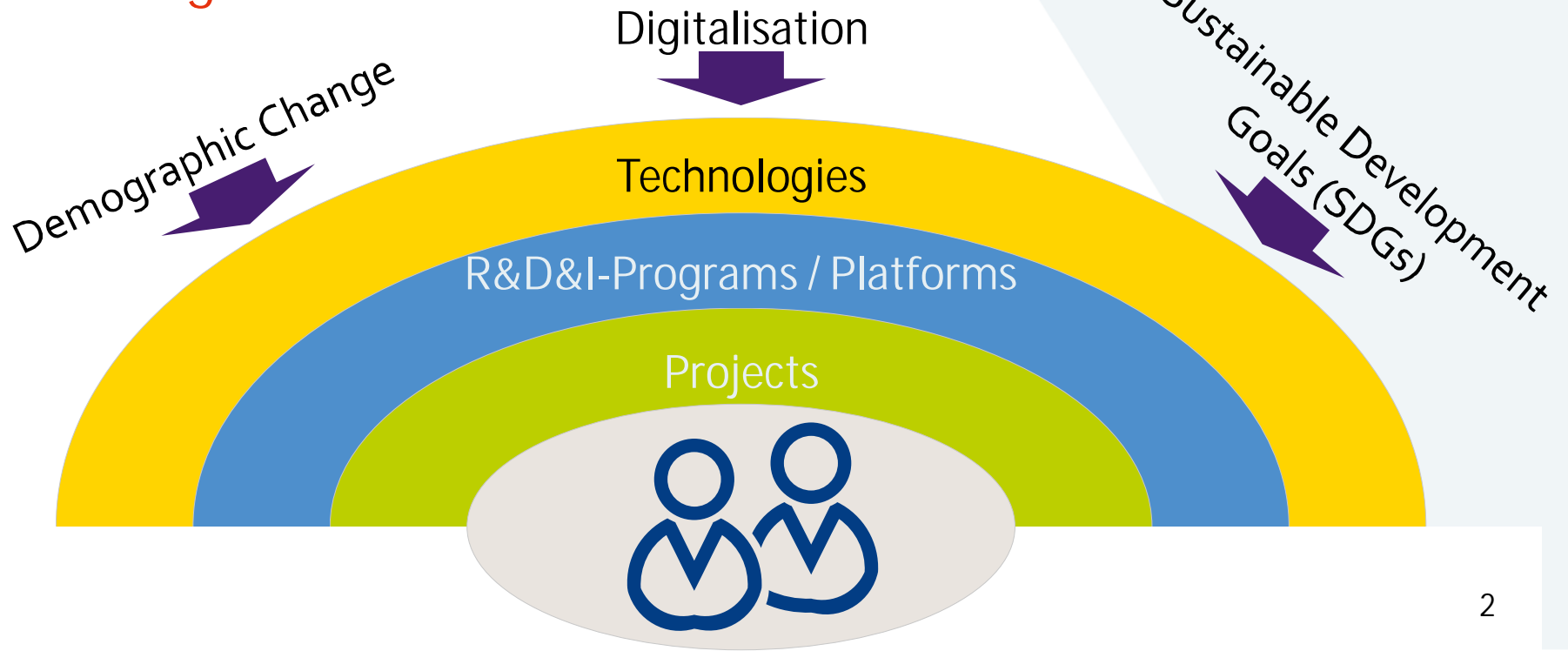


AAL & Industry 4.0

Ingo Hegny, Kerstin Zimmermann

4th European Technology Assessment Conference
Session D1: Industry 4.0 in the light of demographic change
Bratislava, 5th November 2019

Setting the Scene



AAL: Active and Assisted Living

Transnational Research and Development Programme (2014-2020)

ICT solution for older adults @home, @work and in the society

Quality of Life

National Programme benefit part of ICT of the Future

tAALxonomy: classification scheme, 1/8 category Work&Training

evAALuation: indicators and methods



AAL Austria

National platform with 90 members

Working groups on Vision, Competence, Ethics, etc



AAL Testregions

Min. 100 households equipped with solutions

Testing and long-term evaluation (+ control group)

3 running

Industry 4.0: Networked and intelligent production

Globally emerging – naming broadly used since 2013

- R&D schemes, eg
 - H2020: Factories of the Future
 - AT: Production of the Future
 - ➔ multiple technologies and applications
- Platforms
 - Networking of stakeholders
 - Supporting transfer into industrial application

Platform Industry 4.0 Austria

National Platform 57 members

- Diverse types of organisations

Expert groups

- "Human in Digital Factory", "Research, Development and Innovation", "Safety&Security", "New Business Models", "Qualification&Skills", ...

Intermediary, honest broker

RTI initiative Production of the Future: Selected implementations

Endowed professorship - Human Centered Cyber Physical Production and Assembly Systems

Lighthouse project „MMAssist II“

Pilot factories

Outlook / Workforce

- Carers as workers
- Workers as informal carers
- Support for production line workers

References

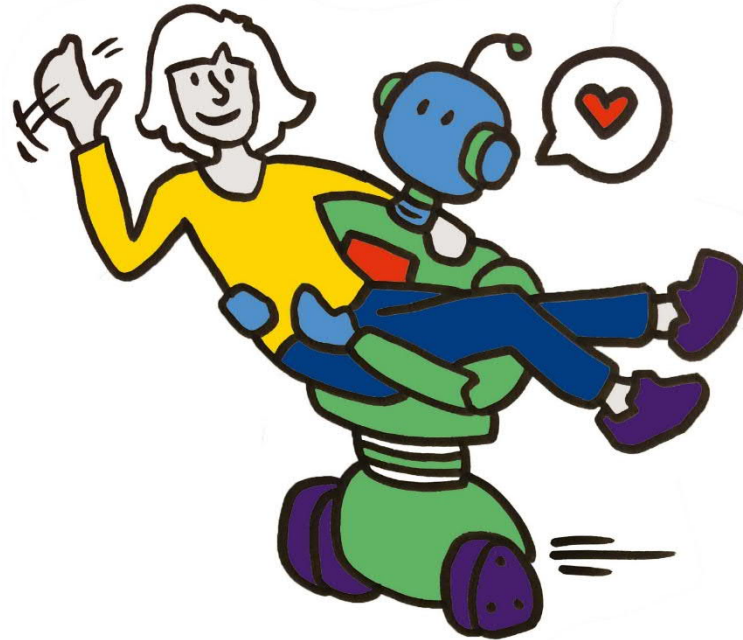
<https://iktderzukunft.at/en/program-lines/benefit-and-aal.php>

<http://www.aal.at/>

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<https://plattformindustrie40.at/?lang=en>

Thanks for your attention!



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