

**Net4***Society*

**Collaborative online Brokerage event:**

**“Artificial intelligence in Horizon Europe calls: an interdisciplinary challenge”**

**Flash Presentation**

# Our expertise

Czech Technical University – University Centre of Energy Efficient Buildings

"We embed AI into real care systems and public service structures.,,"

## Assistive Technology Lab

- Development of AI-driven assistive systems (fall detection, smart environments, big data, voice control)
- Living Lab testing in real-life care settings
- Pilot deployment with social and health care providers
- Technical standardisation & interoperability (TechSocialcare)
- Digital transformation of care services
- Cooperation with municipalities, health and social care providers, nonprofit organizations and SME

## Participatory Planning and Design

- Co-design with target groups and service providers
- Participatory methods, stakeholder engagement, community facilitation
- Social impact assessment and governance frameworks

# Topics of interest

HORIZON-HLTH-2026-01-DISEASE-09: Multisectoral approach to tackle chronic non-communicable diseases: implementation research maximising collaboration and coordination with sectors and in settings beyond the healthcare system (GACD)

HORIZON-HLTH-2026-01-DISEASE-15: Scaling up innovation in cardiovascular health

HORIZON-HLTH-2027-03-TOOL-04: Virtual Human Twins (VHTs) for integrated clinical decision support in prevention and diagnosis

## Our possible contribution:

AI tools, monitoring systems, living lab validation, pilot validation, embedded development, participatory service redesign, and policy integration.

# Role in the STEM-SSH collaboration

## SSH contribution

- ▶ Qualitative research (interviews, focus groups, user journey mapping)
- ▶ Participatory workshops & co-creation methods

## STEM contribution

- ▶ AI systems and sensor-based technologies
- ▶ Hardware & software prototyping
- ▶ Living lab validation
- ▶ Real-world pilot implementation

# Contact us!

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**Thank you  
for listening!**

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