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Personalized intelligent platform enabling interaction with digital services to individuals with profound and multiple learning disabilities



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 780819.

PARTNERS:



Jožef Stefan Institute



Multidisciplinary research and development

Technological partners



Future Internet,
eInclusion technologies



Jožef Stefan Institute **Artificial intelligence**



Computer vision

Domain partners

**Intellectual disability research,
special education**



**Care provision to people with
intellectual disability**



**Creation and distribution of
assistive technologies**



HARPO

Solving societal challenges

GOAL

Design and develop an ICT platform that enables persons with profound intellectual and multiple disabilities (PIMD)* to interact with their surroundings and, as a result, increase the ability to self-determination.

* also referred to as PMLD – profound and multiple learning disabilities

Unique user characteristics: interaction skills on non-symbolic level and a number of sensory and other disabilities

ACCEPT

(I WANT IT)



Inner state

PLEASURE



NEUTRAL

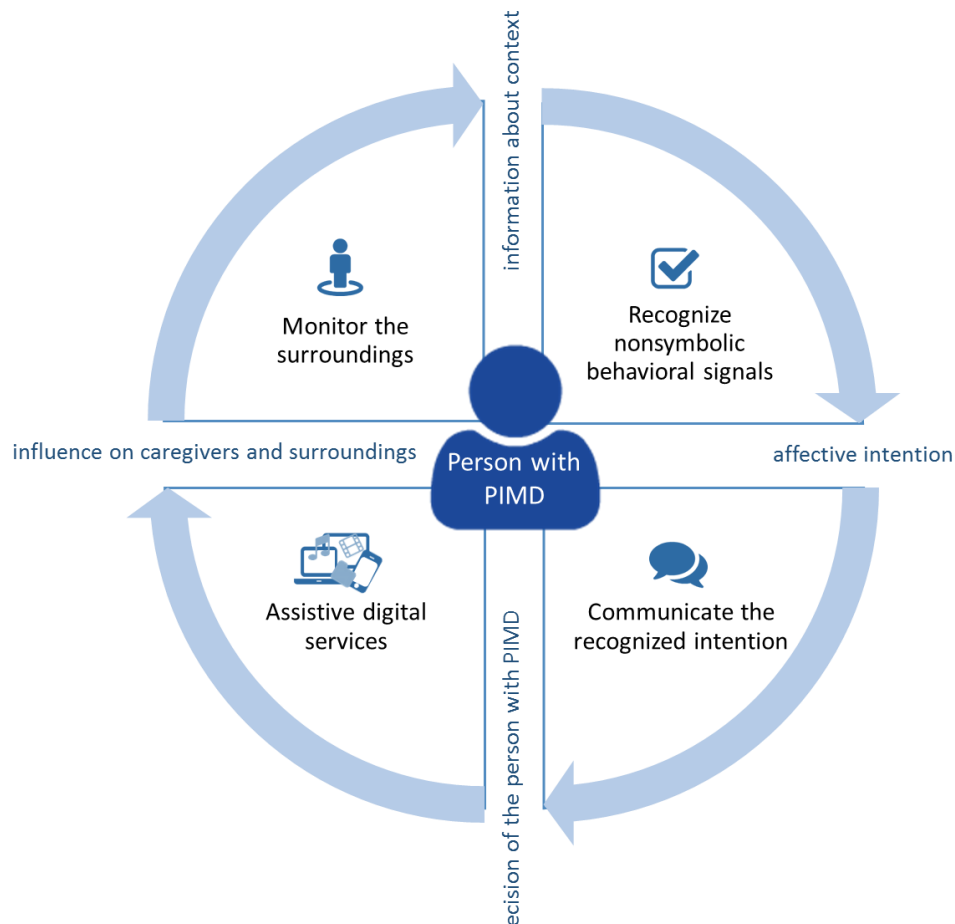
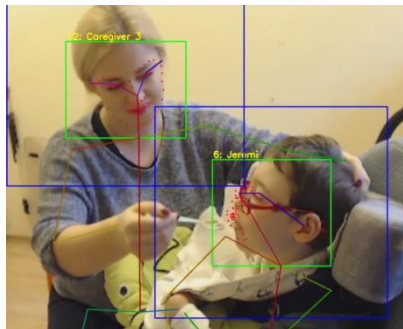
DISAPPROVE

(I DON'T WANT IT)



DISPLEASURE

AI-based solution





Further information on insension.eu

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