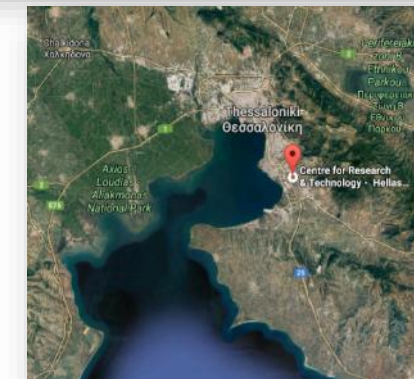


- **Founded in 2000** and is one of the leading R&D centers in Greece
- Includes five (5) institutes:
  - Chemical Process & Energy Resources Institute (CPERI)
  - **Information Technologies Institute (ITI)**
  - Hellenic Institute of Transport (HIT)
  - Institute of Applied Bioscience (INAB)
  - Institute of Bio-Economy and Agri-Technology (IBO)
- > 1600 employees
- > 2000 research projects
- > 3000 international partners
- **Annual financing ~ € 60M:**
  - 30% industrial research contracts
  - 60% research projects
  - 10% government institutional funding



Listed among **TOP-10 E.U. institutions** with the highest participation in competitive research grants

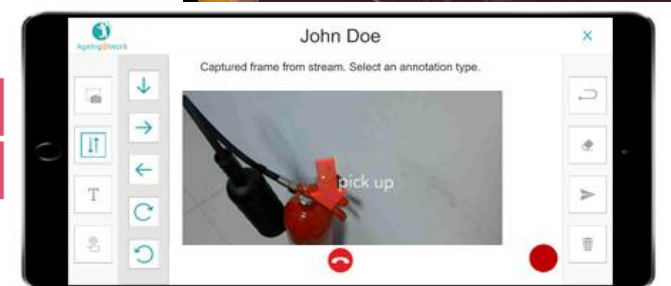
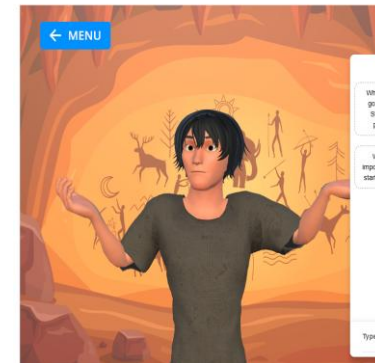
# CERTH/ITI: A leading institution in Greece in Informatics and Artificial Intelligence

## • Technology areas

- **Machine learning/deep learning, large language models and generative AI, digital twins, data and visual analytics, decision support systems**, data mining, virtual and augmented reality, image processing, computer and cognitive vision, human computer interaction, robotics
- **IoT and communication technologies**, navigation technologies, cloud and computing technologies, distributed ledger technologies (blockchain), (semantic) interoperability
- System integration, **mobile and web applications**, hardware design and development, smart grid technologies and solutions, quantum computing, and social media analysis

## • eHealth Domain

- **Generative AI solutions, e.g. avatar-based intelligent bots**
- **Self-management** of chronic diseases
- **Remote assessment** of the condition of elders and patients
- **Digital screening tools**
- **Cognitive Training** within **Virtual Reality** Environments
- **Digital Twins**



DigiCare4You



Ageing@Work



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