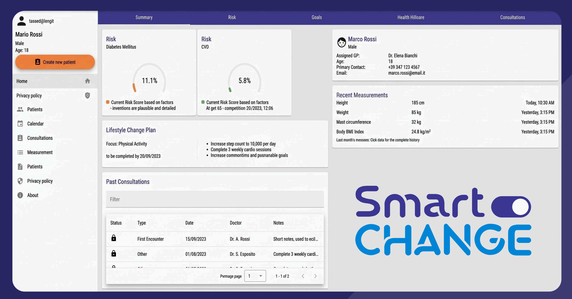
SmartCHANGE is an EU-funded project developing AI-powered tools to predict and prevent non-communicable diseases in children and adolescents. **Up to 90% of all deaths in Europe are caused by NCDs.** By using AI to create advanced risk prediction models and encouraging healthier lifestyles from an early age, **SmartCHANGE aims to change that.**

Our solutions



Clinical Decision Support
For health professionals

A web-based dashboard for paediatricians and school nurses to monitor patient progress, assess long-term NCD risk, and deliver personalised interventions, with explainable AI built in.

HappyPlant!
For children and families

Children track their physical activity and nutrition through rewarding daily gameplay. Every healthy choice helps their virtual plant grow, with personalised goals set by their physician.

Call for integrations

SmartCHANGE has validated its AI-powered ecosystem across five international study sites. Now, we're inviting healthcare institutions and technology providers to adopt our tools and help bring them to the people who need them most.

Ready to get involved?

Submit your Expression of Interest for a chance to gain direct access to our validated tools and a fully-funded invitation to the SmartCHANGE Final Event in early 2027.

A Track

Healthcare:
for hospitals, clinics, and school health networks

Deploy the complete SmartCHANGE ecosystem (the HappyPlant app and the Clinical Decision Support tool) plug-and-play, no development needed.

B Track

Technology:
for health-tech firms, EHR providers, & developers

Integrate our validated AI risk-prediction models directly into your existing platform via API.

Call for integrations
Apply now!

Who's behind SmartCHANGE?

We are a consortium of 14 international, multidisciplinary partners, with expertise in AI, healthcare, software engineering, social science and communication.

Coordinator
Jožef Stefan Institute

Alfahealth S.P.A. An Accenture company

Amsterdam UMC University Medical Centers

COMMpla Communication Platforms and Online Solutions

connectedcare

jamk University of Applied Sciences

TMU Taipei Medical University

TU/e Eindhoven University of Technology

Trust-iT services

U.PORTO

Università della Svizzera italiana

University of Piraeus Research Center

Univerza v Ljubljani

VUB Vrije Universiteit Brussel

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Smart CHANGE

Empowering Youth: AI Models for a Healthier Future

Funded by the European Union