

Expression of interest in collaborating as a partner on Horizon Europe calls

On behalf of Dr. Irina Sheftel of One Planet Research Centre, we would like to express interest to cooperate as **a partner** in the following areas of Horizon Europe. More information about researcher and institute can be found below. For questions or remarks, please email collaborate@ru.nl.

Cluster: Digital Europe; Health

Horizon Europe calls and topics:

1. Digital Europe: An ecosystem for digital twins in healthcare (CSA, call details t.b.a.)
2. HORIZON-CL6-2021-FARM2FORK-01-14: Transition to healthy and sustainable dietary behaviour
3. HORIZON-HLTH-STAYHLTH-2021-01-04: A roadmap for personalised prevention

Deadline: end September 2021

Brief description of contribution as a partner:

- Leading a Work Package on the use of lifestyle data (diet, movement), physiological measurements (real-time vital sign monitoring) for generating a closed loop feedback.

Potential results to be delivered:

- data infrastructure; data mining techniques, models and algorithms for real-time sensor data and integration with other data
- best practices for constructing a horizontal, accessible, and secure infrastructure for various types of health data (lifestyle/clinical data; sensors/databases/data platforms)
- AI-guided, digital platform: data models, AI for personalized preventive health interventions & lifestyle monitoring

Contribution to expected outcomes in the call text:

- contribute to a consolidated EU ecosystem of DTH, improving the uptake of DHT by SME and health providers for preventive health.
- contribute to uptake of personalized prevention tools, roadmap for personalized prevention

Looking for: Partners and consortia working on digitalisation in healthcare and personalised prevention.

One Planet Research Centre

OnePlanet Research Centre is a partnership between **Imec-NL, Radboud University, Radboudumc, and Wageningen University & Research**, working in nanoelectronics, agriculture, food and health technology. OnePlanet aims to develop technological innovations for a sustainable future in agriculture, food, and health. Within the strategic theme "Precision health, nutrition and





behaviour", OnePlanet is developing an AI-guided, digital platform for continuous collection, integration and analysis of health and nutrition data collected via sensors. We envision an active collaboration between the founding partners, including the experts in AI, sensor technology, real-time data solutions, data privacy&security, clinical and experimental aspects of dietary interventions (and other lifestyle interventions), preventive health, and more. IMEC-NL, as well as the academic partners of One Planet (Radboud University, Radboudumc, and Wageningen University&Research), have been actively involved in EU Framework Programmes. [More information](#).

For more information or questions: collaborate@ru.nl, irina.sheftel@radboudumc.nl