PROTEIN
PERSONALISED NUTRITION FOR HEALTHY LIVING

WP4 – Personalised nutrition mobile application

T4.1

Smart food identification

Sophisticated solutions for image-based food recognition, intake quantity estimation and packaged food identification fostering improved user experience of meal logging

T4.2

Pre/post/during meal analysis

Novel devices and data processing pipelines for capturing and analysis of electrogastrogram, bowel sounds, breath VOCs and multi-modal in-meal eating mechanics to gain new insights into eating behaviour and related health characteristics

T4.3

IoT monitoring

IoT adaptation layer along with physical activity tracking and vital signal analysis to facilitate AI-based health hazards prediction.

T4.4 **T4.5**

Mobile application

Mobile application for smart, user-friendly and personalised nutritional self management, with customised physical activity plans and automatic food shopping

T4.6

Gamification & game suite

Improved user engagement and behavioural change motivation via novel gamification techniques and persuasive serious games

KEY PARTNERS

ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ | plu**X** WIRELESS BIOSIGNALS | **INTRASOFT** INTERNATIONAL | OCADO TECHNOLOGY | CERTH CENTRE FOR RESEARCH & TECHNOLOGY HELLAS | CMC