WATCHING THE RISK FACTORS

WARIFA

ARTIFICIAL INTELLIGENCE AND THE PERSONALIZED
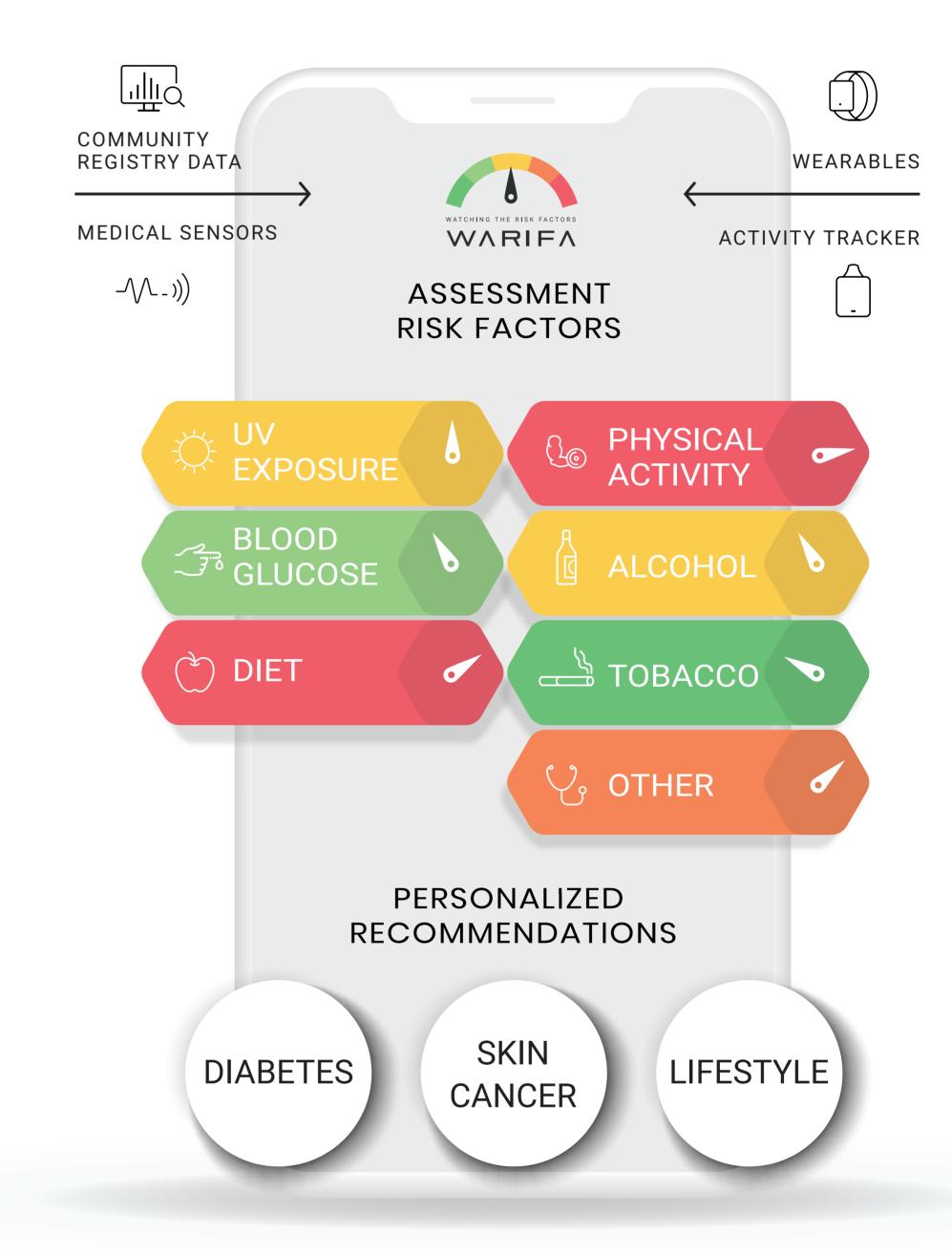PREVENTION AND MANAGEMENT OF CHRONIC CONDITIONS

THE PROJECT

The WARIFA project will develop a prototype of a combined early risk assessment tool that will provide individual citizens with personalised recommendations for the management of chronic conditions - such as cancer, cardiovascular diseases, diabetes and chronic respiratory diseases - which represent the leading causes of death for the citizens of the European Union. WARIFA will be available to individual citizens via a user-friendly interface on their smartphone.

WARIFA uses artificial intelligence (AI) and the analysis of user-generated and big data to provide a personalized set of recommendations on lifestyle factors according to the risk score of each individual. Citizens are motivated to change unhealthy habits while supporting good lifestyle choices. WARIFA will inform citizens about the improvements on the management of a known chronic condition while, simultaneously, raising awareness on the risk of developing another condition. The individuals with a high-risk score will be advised to contact the health care system.
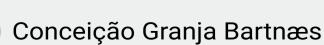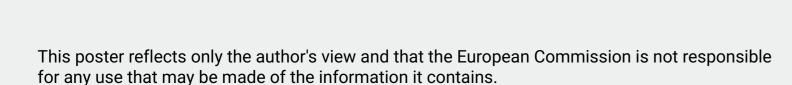

COMMUNITY REGISTRY DATA
WEARABLES
MEDICAL SENSORS
ACTIVITY TRACKER

WARIFA

ASSESSMENT RISK FACTORS

- UV EXPOSURE
- PHYSICAL ACTIVITY
- BLOOD GLUCOSE
- ALCOHOL
- DIET
- TOBACCO
- OTHER

PERSONALIZED RECOMMENDATIONS

DIABETES   SKIN CANCER   LIFESTYLE

PARTNERS

Norwegian Centre for E-health Research

UiT The Arctic University of Norway

ULPGC Universidad de Las Palmas de Gran Canaria

UiO : University of Oslo

MTU Ollscoil Teicneolaíochta na Mumhan Munster Technological University

Italian National Research Council

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