The “Wize Mirror”
Face Reading to Help People stay Healthy

Info: http://www.semeoticons.eu/

Graphics & images: Ilgeko
The central idea in the FP7 Project SEMEOTICONS, which stands for SEMEnioTic Oriented Technology for Individual’s Cardiometabolic risk self-assessment and self-monitoring, is to exploit the face as a major indicator of individual’s well-being by tracing traits of physical and expressive status.

In accordance to a semiotics viewpoint, face signs will be mapped to measures and computational descriptors, automatically assessed.

SEMEOTICONS will design and construct an innovative multi-sensory system integrated into a hardware platform having the exterior aspect of a mirror: the so-called Wize Mirror. This will easily fit into users’ home or other sites of their daily life (e.g. fitness and nutritional centers, pharmacies, schools and so on).

**Wize Mirror validation**

Medical experts will validate the system with respect to the reproducibility of measurements, the efficacy in detecting changes in well-being and cardio-metabolic status as well as the acceptability by the end-users.

The exploitation of the Wize Mirror is expected promote new aggregations between health and well-being actors including industry, fitness, and schools. Furthermore, significant effects towards the development of new prevention strategies of cardio-metabolic diseases are expected, with positive impacts on the reduction of avoidable disease burden and health expenditures.

**SEMEOTICONS** consortium includes ten partners from 7 countries: France, Greece, Italy, Norway, Spain, Sweden and United Kingdom.

Six research institutions, both ICT and medical, and four industries are involved in the project that will be coordinated by the Italian National Council of Researches (CNR).

Three medical centers located in Pisa, Milan, and Lyon will support research and industrial partners and will host the Wize Mirror testing.