

**Sherpas aims at integrating in the same system:**

- ➔ Bluetooth sensors (environmental, physiological and geo-positioning)...
- ➔ Personal Area Networks relaying data through mobile phones over mobile Internet to a distant server.
- ➔ Citizen centric and social networking applications around environmental monitoring.

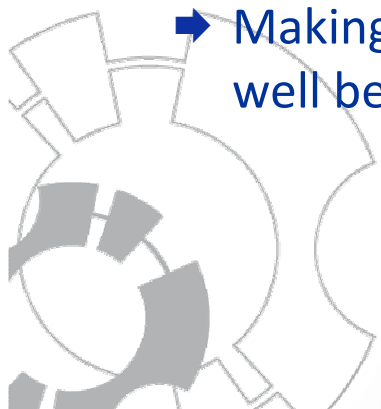
✚ **For individual users, Sherpas proposes personalized recommendations related to**

- ➔ real-time personal pollution exposure.
- ➔ previous personal pollution exposure.



✚ **Sherpas will provide a basis for new citizen centric services.**

- ➔ With applications for different age groups and areas (urban, mountainous, coastal areas)
- ➔ Possibility of exchanging advice to reduce the impact of environmental stressors.
- ➔ Making EU citizens aware of the correlation between lifestyle and personal well being.



## Sherpas technological bottlenecks

- ✚ Data fusion and analysis
- ✚ Algorithms for exercise, nutrition and cosmetics recommendations
- ✚ Electronic integration, miniaturization and autonomy
- ✚ Sensors performance



✚ **Partners in: France, Italy, Spain, (Switzerland)**

✚ **SMEs and universities**



## PLANNING

- q D1 Feasibility: Current research review – Baseline ( $t_0 + 3$  months)
- q D2 Definition: Overall system design ( $t_0 + 6$  months)
- q D3 R & D - Prototype construction ( $t_0 + 18$  months)
- q D4 Pre production: System deployment and pilot phase ( $t_0 + 21$ )
- q D5 Initial exploitation Measurement evaluation report.Pilot ( $t_0 + 24$  Months)
- q D6 Full exploitation: Marketing approach and Exploitation strategies ( $t_0 + 30$  months)