

# WIRELESS SENSOR NODE NETWORKS FOR 'AMBIENTAL ASSISTED LIVING'

**Innovations and Benefits** - This technology allows a non-stop monitoring of human health state in different areas of interest, with particular focus on aged people. Some of the benefits: wearability and possible integration with garments.

**Uses** - In-house, at work or extreme or dangerous environment (e.g. miners) monitoring of people.

**Past and Present Activities** - Monitoring of the activity pattern of people and their surrounding environment within PAN (Personal Area Network). Activity specifically focused on aged people and workers, contracts with SMEs in Marche Region under the project "Casa intelligente per una longevità attiva ed indipendente dell'anziano" (Intelligent house for an active and independent longevity of the aged").

Real-time automated system that can be easily integrated within the intelligent house.

