



Alpine Hospitals Networking for Improved Access to Telemedicine Services

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Some figures

- Approved under the 2° call of the AS Program
 - Starting date: 01/08/2009
 - Closure date: 31/07/2012
- Priority Axis 2: Accessibility and Connectivity
- Total cost: 2.7 M€
- 10 partners covering 6 countries + 4 observers

The challenge

Increase innovation activities in traditional sector such as healthcare by improving access and use of existing infrastructures in order to optimize the delivery of healthcare services

ALIAS is aimed at linking together 8 hospitals and diagnostic centers enabling the creation of a network shaping the ALIAS Virtual Hospital

Some features

- Targets the territorial cooperation and the AS specificity
- Is based on the current eHealth implementations & ICT infrastructures as developed/deployed in the involved regions
- Has a geographical dimension which allows to potentially extend the results on additional territories of the AS and beyond

Objectives

- Upon the existing eHealth infrastructure of connectivity and services, the project is aimed at
 - Optimising the delivery of healthcare services
 - Improving the capacity of professionals to provide services
 - Ensuring the continuity of care for “mobile” and resident citizens
- Within the mountain context
 - distance, inadequacy /lack of medical services, high mobility due to touristic vocation, dispersed population

Objectives

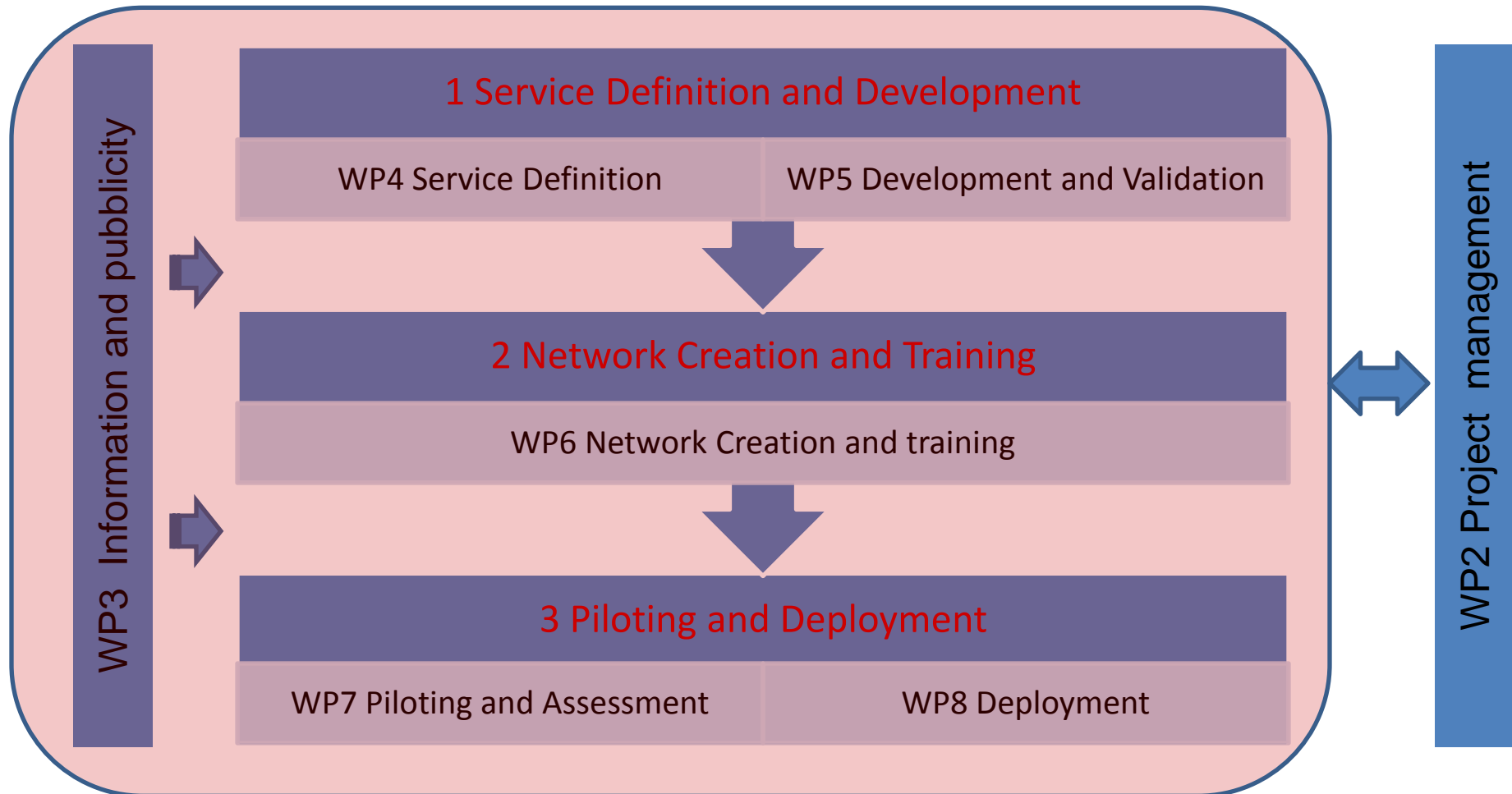
- 2 services
 - Telemedicine
 - Telecommunication between healthcare professionals
 - Clinical Data Sharing
 - Information provision to healthcare professional
- Secures access to these services
 - for hospitals of the covered regions
- Involves 8 hospitals in a virtual hospital network
 - + additional hospitals willing to be associated
- Combines the experience of PA/Gov, Healthcare providers, Educational and Research centres

The Virtual Hospital

- Improving the efficiency of hospitals in AS by:
 - defining a suitable user scenario
 - to enhance HC provisions and avoid inappropriate patients transportation
 - increasing the adoption of telemedicine protocols
 - for medical second opinion,
 - linguistic, semantic and IT interoperability
 - increasing transnational data sharing
 - provide information stored in remote electronic HC records
 - interoperability of services currently implemented in each involved region
 - ensuring data privacy and security protection
 - training professionals
 - ensuring a high-level quality of care delivered via telemedicine
 - related to mountain medicine

Methodological approach

3 main operational phases, 8 WPs



Members

- **10 Project Partners**

- **Lombardia** Ministry of Health, **Friuli Venezia Giulia**

- Ministry of Health, **Oberbayern** Garmisch-Partenkirchen

- Hospital, **Rhône-Alpes** SISRA, **Rhône-Alpes** INSA University

- of Lyon, **Slovenia** General Hospital Izola, **Slovenia** University

- Clinic of Golnik, **Austria** Regional Hospital Villach, **Région**

- Lémanique** HUG, **Région Lémanique** Dpt of economy and health

- **Advisory Board**

- **Bavarian** Ministry of Health, **Carinthia** Gov, **Austrian**

- Ministry of Research, **Rhone-Alpes** Regional Council

INSA Lyon & the LIRIS lab

- National Institute of Applied Science in Lyon
 - Biggest engineering school in France (1000 students/year)
 - 10 teaching specialties
 - telecommunications, informatics, biosciences, electrical engineering ...
- Laboratory in Images and Information Systems
 - >350 members, >30 PhD defenses per year
 - Dpt Imaging
 - Images analysis and synthesis, geometry...
 - Dpt Data, Knowledge, Services
 - distributed systems, information retrieval, ambient systems, databases, service-oriented computing, data mining...