



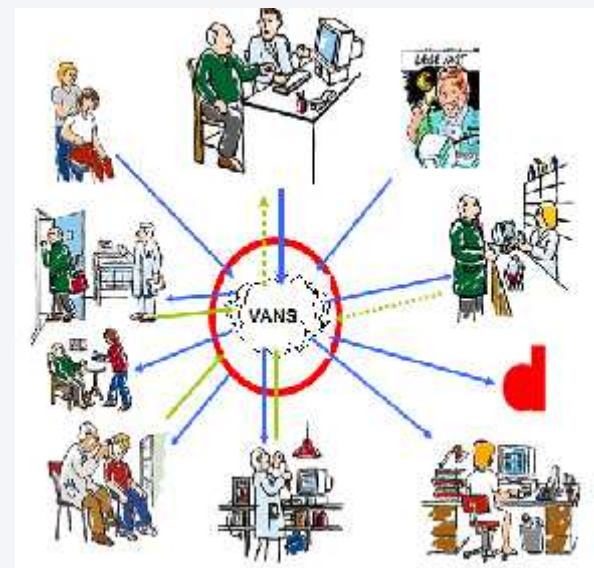
Adoption and take up of standards and profiles for e-Health Interoperability

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ANTILOPE

- Thematic network
- To promote use of standards and profiles for e-Health interoperability and
- To foster their adoptions across EU





The ability of two or more
systems or components

to exchange information

and to use the information
that has been exchanged

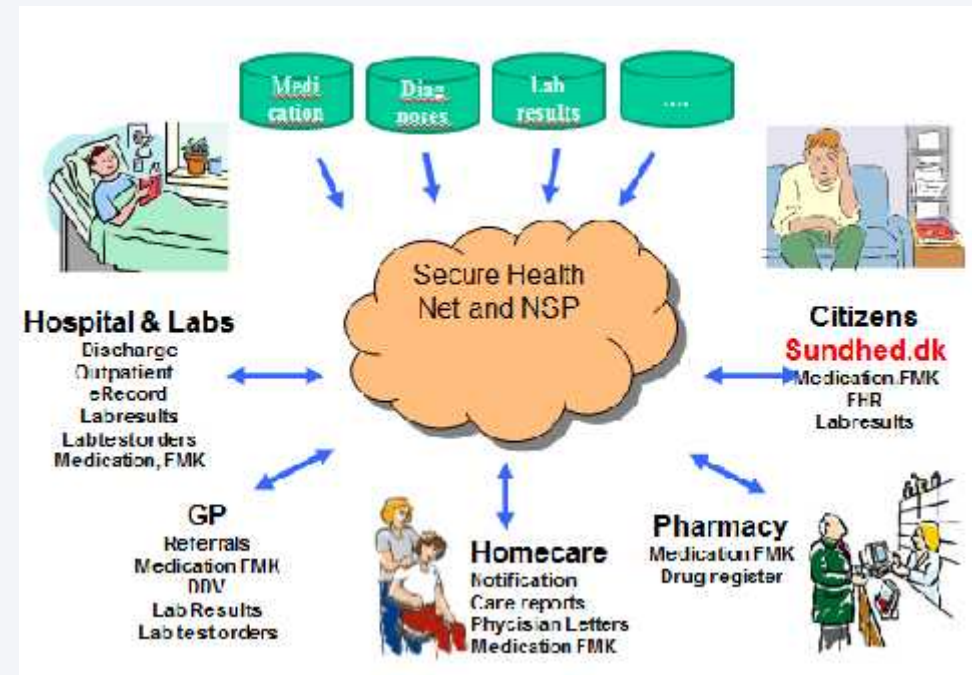
Source: Institute of Electrical and Electronics Engineers.

IEEE Standard Computer Dictionary: A Compilation of IEEE Standard Computer Glossaries.

New York, NY: 1990.



- Quality and efficiency cost savings
- Sharing and reuse of clinical data
- Requires Interoperable systems
- Interoperable data exchange services
- eEIF - Interoperability identified by the eHealth European Interoperability Framework as a priority.





- Digital Agenda and eHealth action plan 2012-2020
- European Projects:
 - 2008-2013 – EpSOS : specifications of the cross border exchange of medical data
 - 2010-2011 - HITCH (Healthcare Interoperability testing and Conformance Harmonisation) : eHealth Interoperability roadmap
 - 2012 - eEIF: eHealth Interoperability Framework
 - 2013 – 2014- Antilope, Thematic Network



HITCH:

1. There is a need for a widely accepted quality guide for interoperability testing based on existing quality standards.
2. An organized collaboration is needed to reduce the fragmentation and lack of maturity in interoperability test tools and test plans in specific areas.



Antilope a thematic network:

- Develop documentation and educational materials related to existing standards and profiles for eHealth interoperability mentioned in the **eEIF** report and:
- Drive adaption and improve the standard development process
- Define QA testing guidelines for interoperability
- Propose a labelling and certification process (EU level and national level)



The ANTILOPE partnership



- Consortium of
 - organisations and experts involved in :
 - standards development and project specifications
 - interoperability testing
 - quality labelling and certification processes
 - organisations representing users, industry and health authorities
 - Partners from eEIF framework project.



Antilope Core and Expert Partners





Antilope Validation Partners



MEDIQ



Denmark, Norway, Sweden Finland,
Iceland, Estonia, Lithuania, Latvia

Poland, Czech Republic, Slovakia,
Hungary

Ireland, United Kingdom

Belgium, The Netherlands, Luxemburg

France, Switzerland,

Germany, Austria

Slovenia, Croatia, Serbia, Bosnia, FYE
Macedonia, Montenegro

Italy, Malta

Portugal, Spain

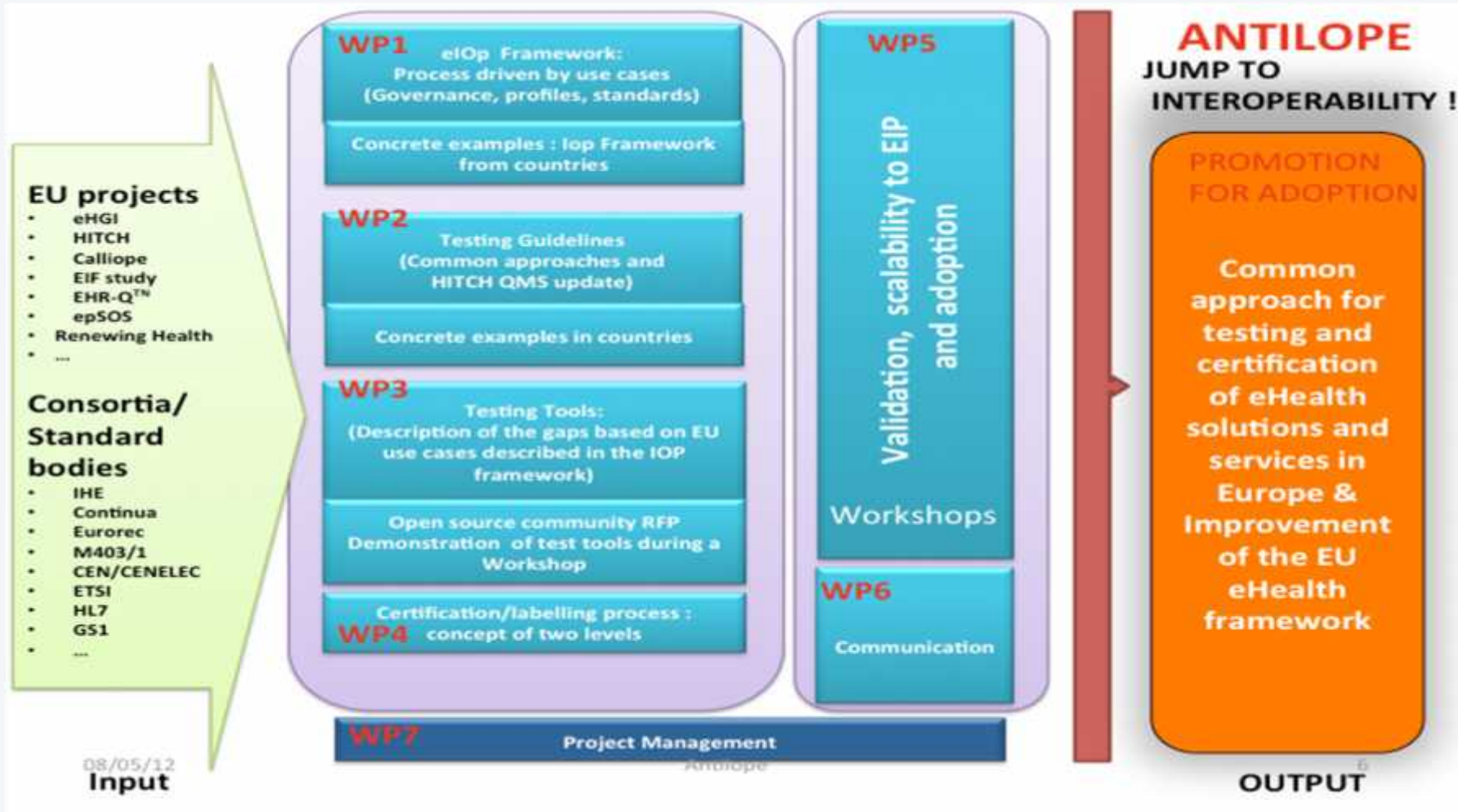
Romania, Bulgaria, Greece, Cyprus,
Turkey

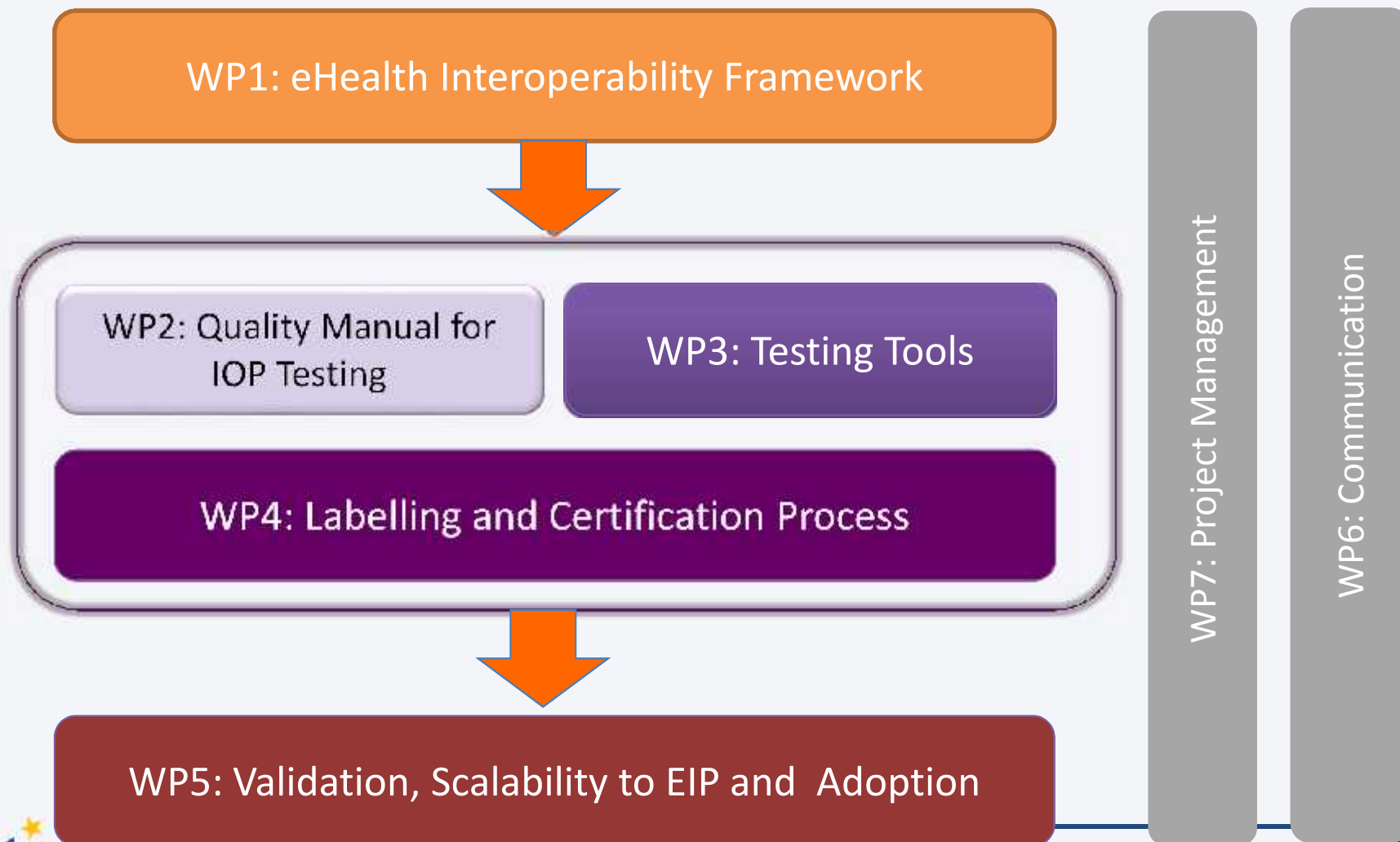


21/01/2014 Nordic Summit, Odense 21st January 2014

Antilope,

Background, purpose, outcome





Purpose of the Summit



- **To agree that**
 - interoperability is essential for care safety and cost containment
 - interoperability of eHealth systems should never be taken as given.
 - To achieve interoperability use of appropriate standards and profiles supported by appropriate testing is needed.
 - interoperability testing should be based on a Quality Management System using testing tools
 - the eHealth European Interoperability framework is the first step in harmonising interoperability efforts over Europe (at country, region or local level).
- **To bring you to the point to**
 - include in your regulatory framework the concepts of proven and certified functional quality requirements, to reach national as well as cross border interoperability
- **To partner towards interoperability**



Presenting Antilope results



- Antilope results cover four complementary areas
- Each area will be presented in a similar way through:
 - Key statements summarising the findings
 - Additional background information elaborating the topic in more detail
- Some of these statements will be debated afterwards
- Your opinion will become part of the Antilope guidance through a questionnaire
- End up with an appeal to “do”



Outcome

Common approach for testing and certification through recommendations for reaching interoperability

Based on:

1. Use cases
2. Quality manual – Quality proces
3. Selected tools
4. Certification and labelling
5. Educational material
6. Input from Regional summits