



Towards a Standard Open Platform for AAL

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Why a Platform?

- ❑ FP7-ICT-2009-4, objective 7.1b targeted THE ONE (European) platform for AAL; why?
- AAL is socio-politically motivated, its breakthrough, however, is still not in sight
- ❑ Learn from the development of the PC market since early 80s
 - enabling technologies
 - standard interfaces at HW level
 - few popular operating systems
 - adopted widely
 - lead to mass markets and a full ecosystem of artefacts

What are the Expectations from a Platform?

- For AAL / Aml spaces of near future should apply
 - networking-enabled HW nodes should form a dynamically configurable ensemble
 - Requirement: self-organizing nodes
 - the “operating system” of AAL spaces must enable
 - the integration of HW nodes (plug-&-play, seamless connectivity)
 - communication & collaboration among SW modules hosted on HW
 - While hiding distribution and heterogeneity of the nodes
 - given the above, a mass market will emerge that makes it profitable to
 - produce HW & SW for Aml / AAL
 - acquire know-how for administrative services

universAAL Main Objectives

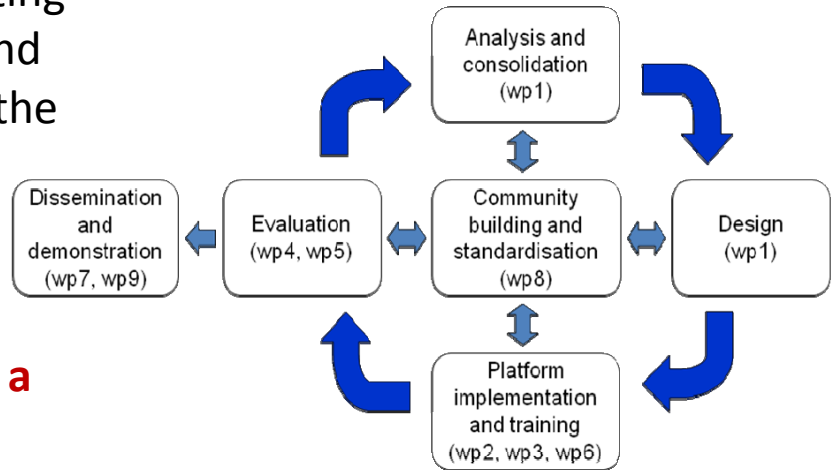
“To make it technically possible and economically feasible to design and deploy innovative AAL services”

- Providing an **open and scalable technological platform** that facilitates the development and deployment of a broad range of AAL services

- Carrying out support activities promoting **widespread acceptance and adoption** of the platform.

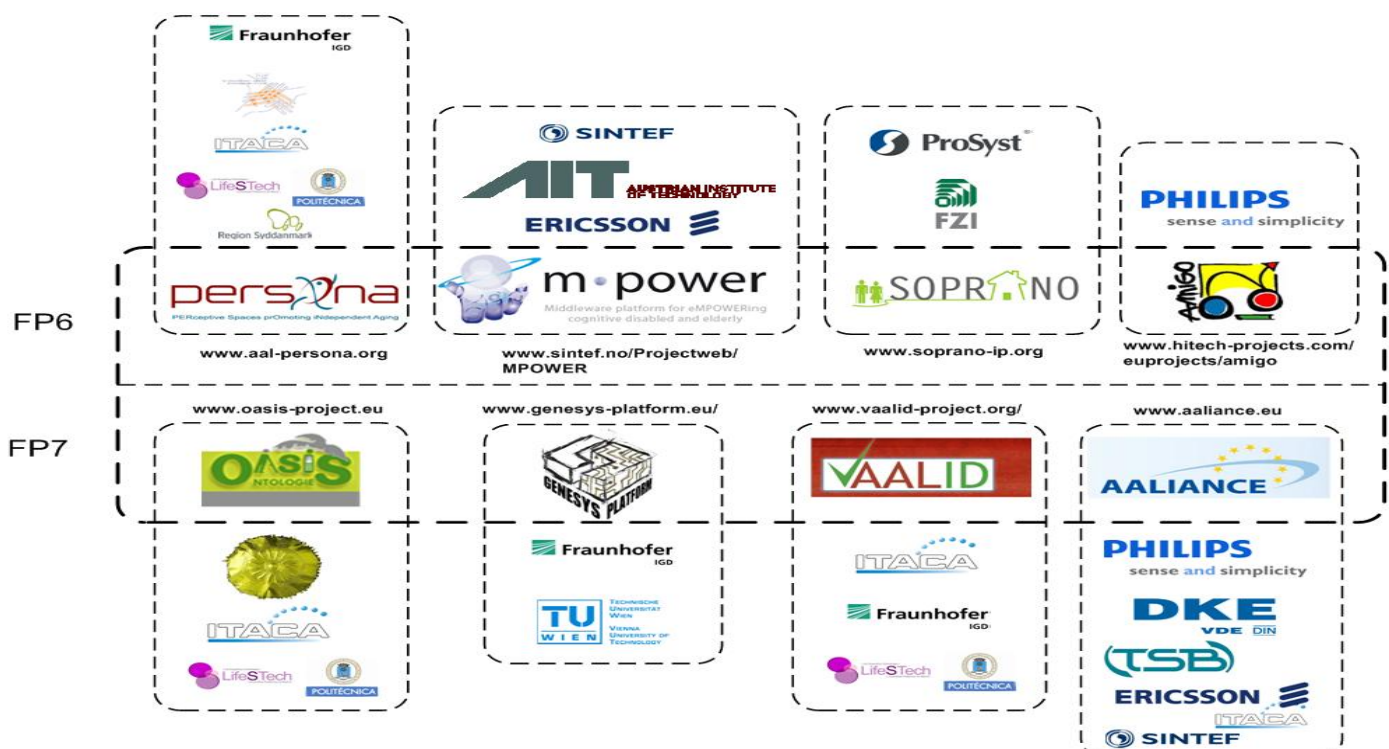
How ?

- ❑ **consolidating the state-of-the-art results** from existing projects and initiatives and incorporating them into the universAAL platform



- ❑ establishing and **running a sustainable community** that utilises the consolidated results

The universAAL consolidation process: Building on existing platforms & partnerships



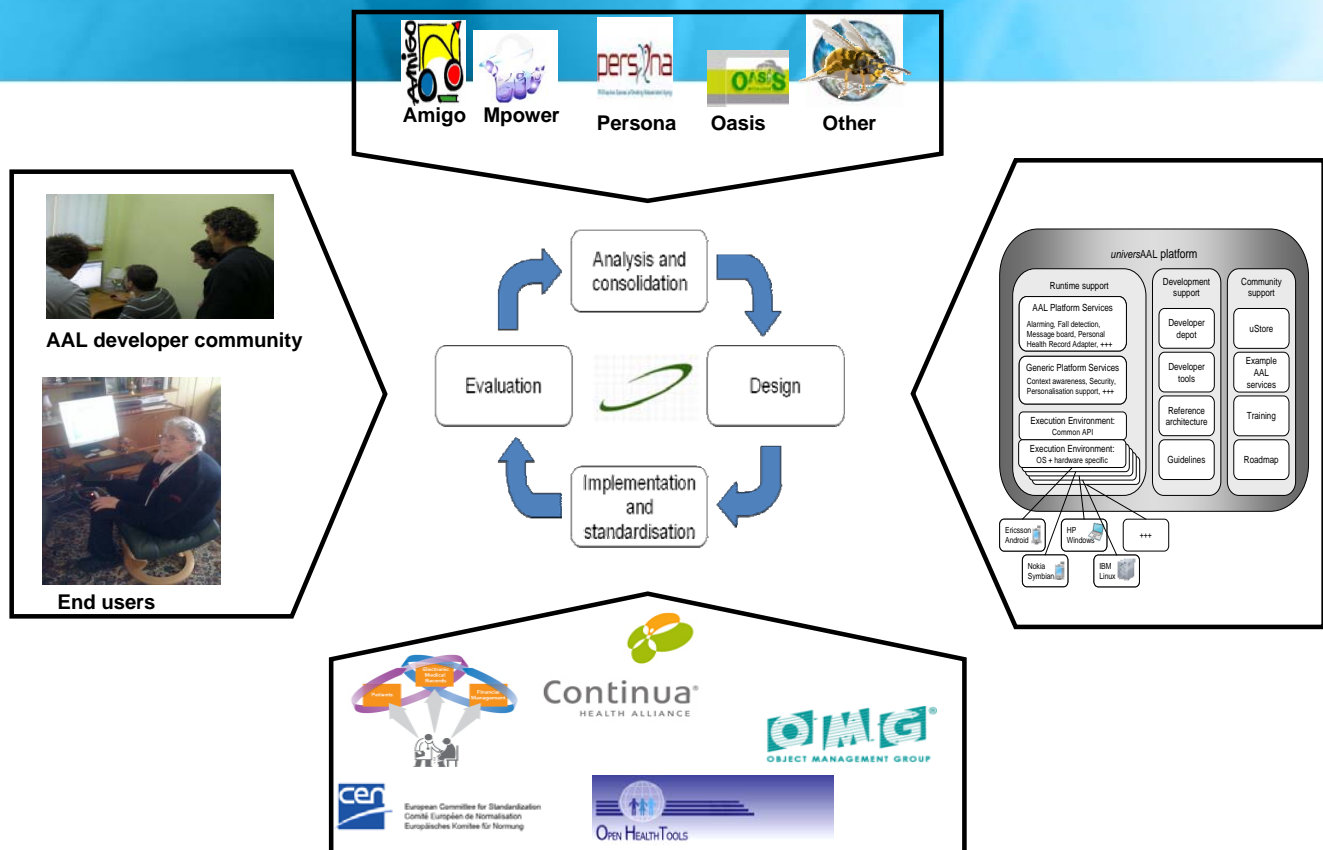
The universAAL consolidation process: Using standards



Continua Health Alliance	Philips, IBM, DKE, TSB
Healthcare Services Specification Project; HL7, OMG	SINTEF, Ericsson, Philips
IEEE11073	AIT, Philips
ISO TC/215, CEN TC/251	AIT, DKE, Philips
Task Force 352 standardization related to profiles and personalization	DKE

- ❑ These SDOs are expected to be very active in the field of AAL during next 4-5 years
- ❑ Project members are leading or actively participating in these SDOs

Consolidating State-of-the-Art in one platform



Design Objectives

