



SMARTHOUSE

Presentation to COPRAS

COPRAS Meeting

14th October 2004



Agenda

- SmartHouse Initiative – What it is ?
- Code of Practice
- Benefits
- Organisation
- Research involvement



Why the Smart House initiative ?

- Smart House sets the standards for the home of the future in Europe
- SMH Phase II
 - A code of practice for the Smart House
 - Supported by EU Commission,
 - Reporting to ICTSB (ICTSB/SHSSWG)
 - Input from all the Stakeholders
 - Utilizing all the standards and practical output from EU FP6 Projects
- Managed by CENELEC under TC 205 Ad-Hoc WG16



What is the Code of Practice ?

- The CoP has for first goal to gather the Industry in a common and coherent goal
- And to make the House of the Future a reality of today
- It is a CONSENSUS BUILDING initiative
- With the support of key players:
 - The Consumer (ANEC)
 - The Industry (DHWG, OSGi, KONNEX, CECED, Philips, Siemens, Thomson, Telecom operators, Energy providers, Installers,etc...)
 - The European Commission: Standardization (DG ENTR) & Research (DG INFSO)



What is the Code of Practice ?

- It will reference all existing standards related to Smart House
- It will report the progress of ongoing standards in this area
- It will identify the gaps and the need for standardization
- It will notify eventual redundant standards and provide recommendations
- It will provide a Code of Practice for the installers
- The work started in December 2003
- and will be achieved in September 2005 (20 months)



What is NOT in the Code of Practice ?

- It will reference all existing and currently developed standards related to Smart House
- It has NOT for mission to create standards
- Even if it will give recommendations where standards should be developed
- It will NOT make choice of selected technologies
- Even if it will provide recommendations based on the existing solutions
- It will NOT test interoperability of each products
- Even if it will provide recommendations for interoperability

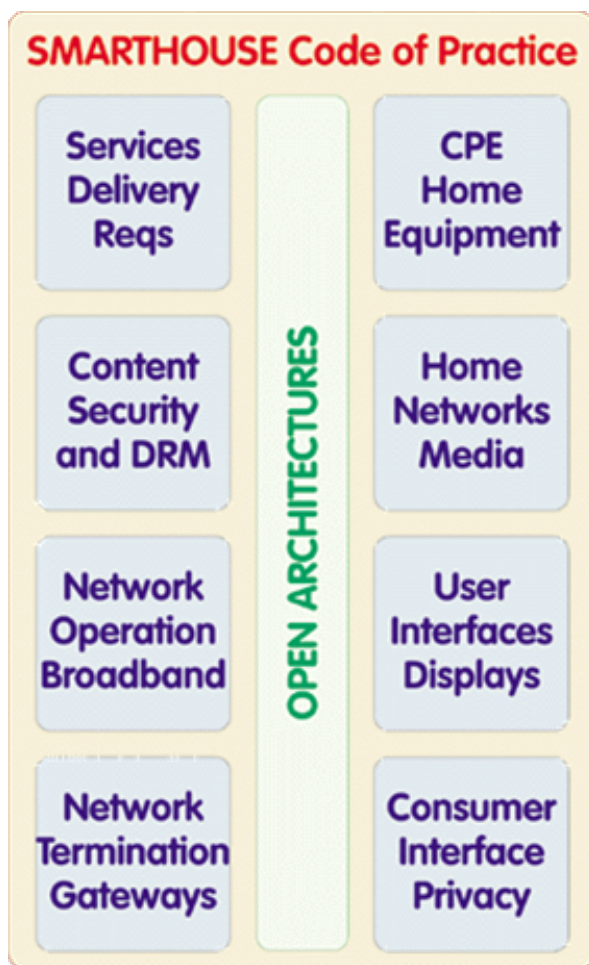


What is the added value compared to existing initiatives ?

- Smart House sets the standards for the Home of the future in Europe and has a clear integrated vision as well as a defined deadline
- Supported by EU Commission,
- Supported by ICTSB (the 3 standards bodies in Europe)
- Smart House is a whole and covers all aspects (10 sections including installation)
- The 11 Team Leaders are coming from the Industry & committed to gathering the industry inputs
- Smart House is closely linked to other worldwide initiatives like DHWG, OSGi,..



Sections



The subsections of the Code of Practice will cover:

- The Service Provider aspect.
- Content, Broadcasting (narrowcasting), DRM and Security
- The Network Operators' aspect and Broadband delivery
- Network Termination and Residential Gateways
- Customer premises equipment (any electronic appliance or equipment in the home)
- Home networks and in-home communication (and considerations for the building)
- The User Interface, A/V equipment and Displays
- The Consumer (Subscriber), interface and privacy
- Architectures

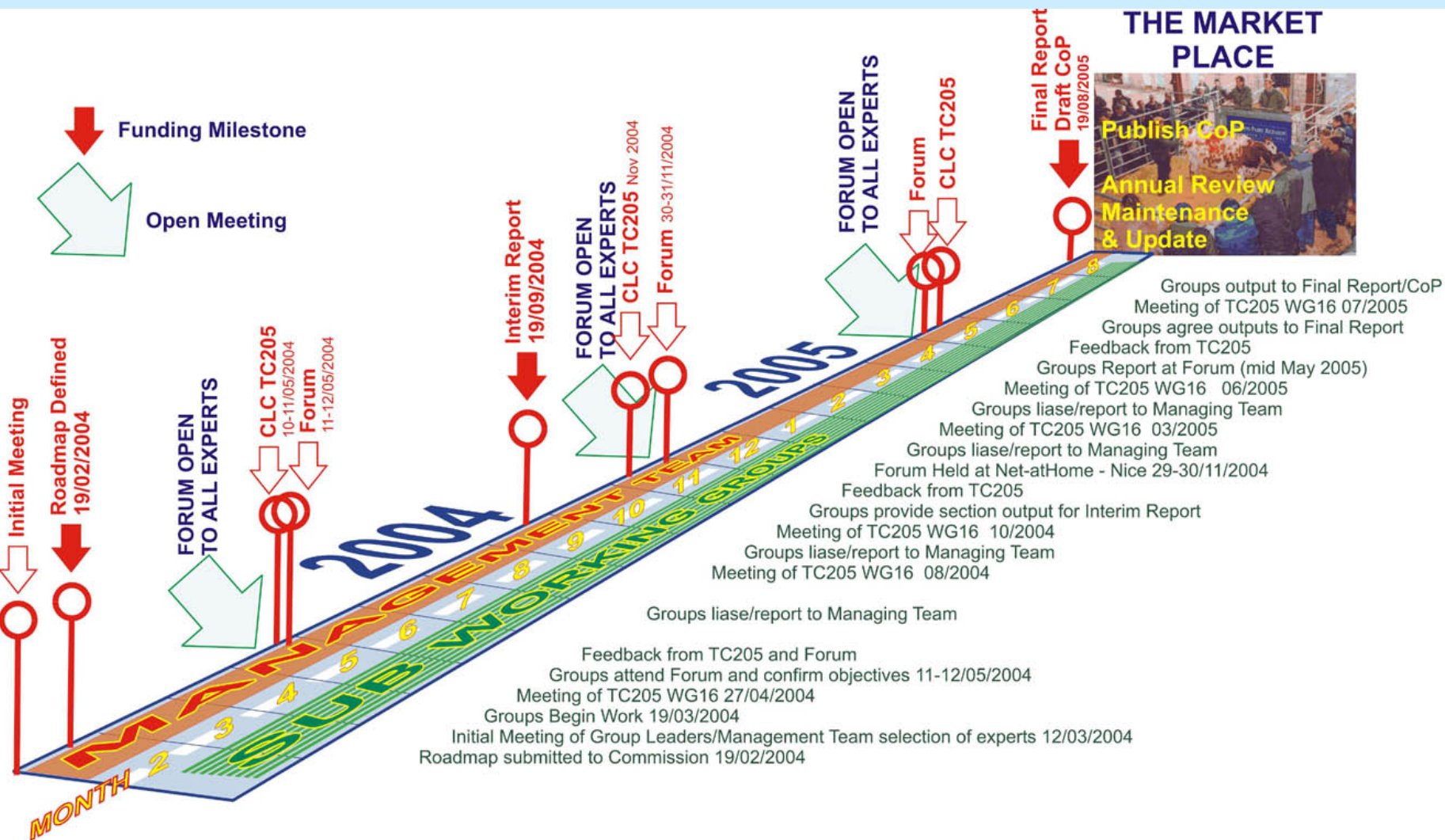


Scope / timeframe

- The Contract between the EU Commission and CENELEC sets a requirement for particular deliverables, milestones and performance indicators. For this contract these are the major deliverables:
 1. Roadmap for the work 19th February 2004
 2. Interim Report 19th September 2004
 3. Final Report / Code of Practice 19th August 2005
- In addition, there is a requirement to organize the Smart House Forum that will meet on 11 May 2004 and once in 2005 (probably in April)
- Lastly, this work is intended to achieve a deliverable that will help the marketplace accelerate its growth in the area of SMARTHOUSES. This implies:
 - regular maintenance and upgrading of the CoP on a yearly basis on into the future.



Roadmap - graphical view





Which standards are addressed ?

- The CoP is aimed at achieving the objectives of e-Europe 2005 when every citizen will have a range of Broadband Services.
- The citizens using new services will need equipment, systems and networks in their “Smart Houses” that are:
 - **easy to use, interoperable**, providing intuitive interaction.
 - secure, safe and conforming to **open** and transparent **standards**.
 - compatible with public procurement rules, since a significant proportion of the “Smart Houses” of the future will be equipped with help from public funds, e.g. social housing.
 - **intuitive**, since many people are disadvantaged by disability, poor health, poor education or age.
- Similar requirements apply for the services and applications provided by Service Providers.



Which standards are addressed ?

- For both equipment providers and service providers there must be **structure** in their provision if the objectives of e-Europe 2005 are to be met.
- The Code of Practice will provide this structure by:
 - specifying a set of requirements that installers, operators and manufacturers refer to.
 - specifying a set of requirements that service providers, service operators and network operators refer to.
 - referencing minimum levels of security for systems in the Smart House and for communication and provision of systems to it.
 - referencing Data Protection issues.
 - referencing certain standards and specifications that should be used.
- The Code of Practice will be careful to specify in general and generic terms so that technology advances and new services are not impeded.



How research can be involved ?

- Input to the project is welcomed
- Can register to the different section leader

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