i2010
Information Space
Innovation & Investment in R&D
Inclusion

eGovernment **Action Plan**

A roadmap for eID for the Implementation of the eGovernment Action Plan

Establish Common Specifications

Create and involve Stakeholder Platform

Availability and acceptance of the basic principles of a conceptual model

Consider baseline activities, examples, synergies

Prepare large scale pilot - tender

Ministerial conferences (Lisbon in 2007 and eGovernment in 2009)

Base line study

Legal study

Study on potential impact & implementation of multi-level authentication mechanism

Large Scale Pilot

Awareness raising campaigns towards the citizen

Consultation on data protection / data ownership models and principles

European standardisation activities

Benchmark and monitor progress

Study on implementation of suitable mandate/authorisation/role mgt model

Study on take-up of eSignatures in eGovernment: trends, barriers and drivers

Consultation on evaluation & implementation of private sector uptake

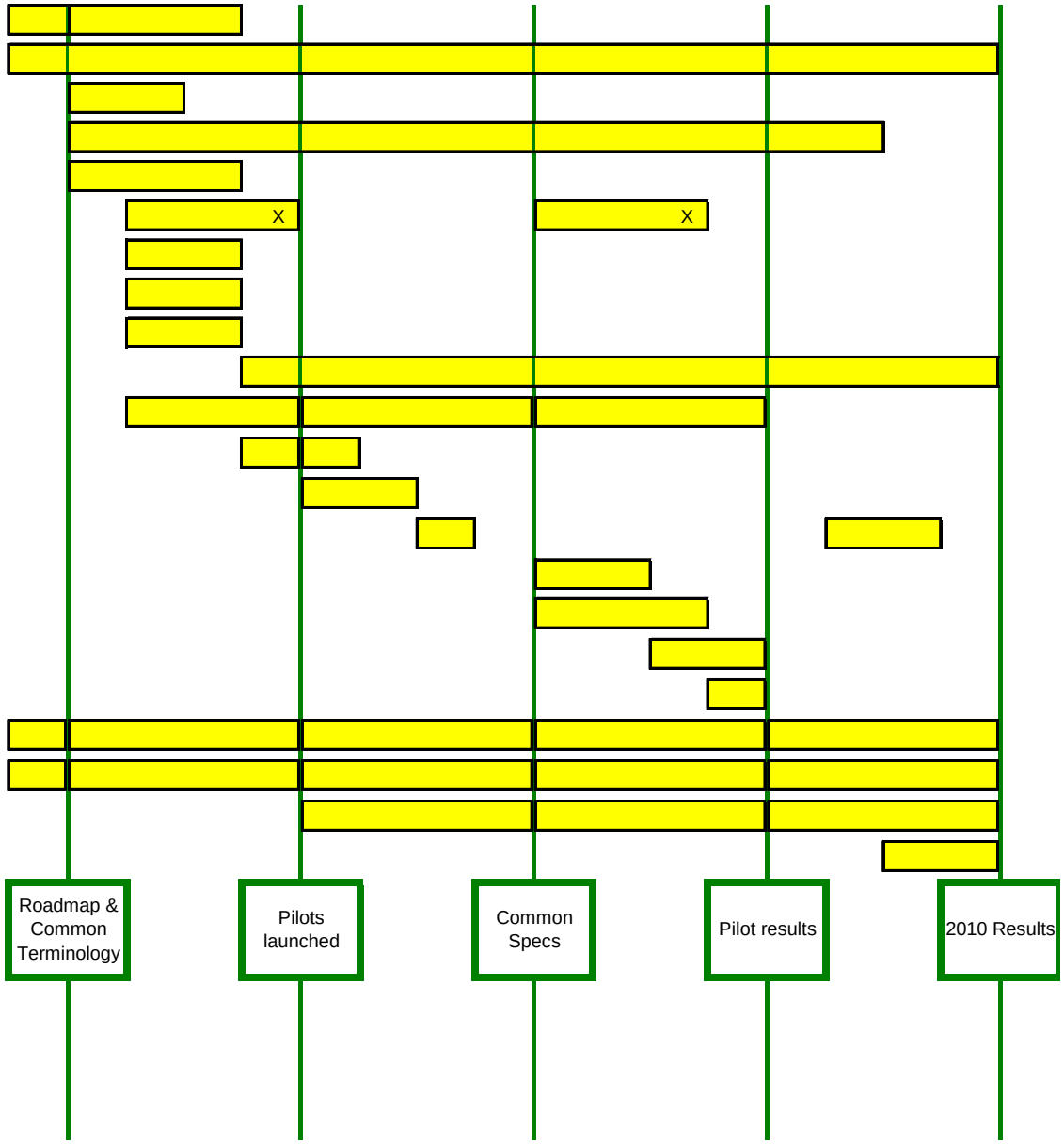
Study on suitability of use of eIDM as “quality mark” for electronic authentication

Continuous assessment of compliance with data protection principles

Continuous assessment of security concerns

Performance of Large Scale Pilot - model validation and updating

Finalisation of work, post 2010 recommendations



Date	Milestones	Actions / routes (conducted by EC/MS)	Major Outcomes
4th Quarter 2006	M1. A roadmap setting measurable objectives and milestones is agreed	A1. **Final roadmap** (Agreed EC and MS)	**Agreed roadmap on the way to a European eIDM framework by 21010**
1st Quarter 2007	M2. Identification and acceptance of key applications to be supported by the eIDM framework; a standardised eIDM terminology is agreed; the basic principles of a conceptual model are agreed	A2. **Availability of a standardised eIDM terminology** to enable clear and unambiguous discussions. A3. **Availability and acceptance of the basic principles of a conceptual model**, detailing the interoperability model to be strived for. The principles must be sufficiently detailed to allow studies to be conducted which will define concrete technical, organisation and legal solutions in as far as required, and must allow the allocation of responsibilities. A4. **Acceptance of a standardised eIDM terminology** A5. **Prepare for Large Scale Pilots**	**eIDM Terminology paper** **List of key business and transaction models supported by the eIDM framework** **Call text**
2nd Quarter 2007	M3. Availability and acceptance of a full conceptual framework, including: a. Full allocation of responsibilities for each aspect of the technical, organisational and legal framework; b. Initiation of any studies to be conducted to define concrete technical, organisation and legal solutions c. A conceptual description of the functioning of the multi-level authentication system.	A6. **Base line study**: what systems are currently in place in Member States in support of identity and authentication services regarding public and possibly private services, as appropriate. A7. **Legal study**: what legal provisions – if any – exist with regards to identity and authentication services in the Member States and on a pan-European level, and what restrictions do legal constraints place on pan-European identity and authentication services? A8. **Study on the potential impact and implementation of a multi-level authentication mechanism**, including the definition of requirements for these levels.	**Complete conceptual framework** **Study reports** **Architecture** **Legal status and gap analysis reflecting the needs of the architecture and business model** **Security requirements overview**
3rd Quarter 2007	M4. Establish Common Specifications M5. Lisbon Ministerial Conference	A9. **Stakeholder platform**: in order to ensure that stakeholders are involved in the development of pan-European eIDM services a stakeholder platform needs to be formalised that supports: • Awareness about plans and progress marked by milestones among stakeholders emphasising data protection, privacy and	**Common understanding of status and issues** **Agreed Common Specifications for interoperable eIDM in the EU**

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		information security aspects. • Easy way in for stakeholders to present their interests, practice experiences and solutions. • Collection of information from a wide range of stakeholders, in order to provide input to the system design. • Action with all involved stakeholders to support the development of pan-European eGovernment services, training activities, supportive products and services etc. • Encouraging discussion regarding organisational and technical aspects to encourage commonalities and avoid fragmentation. • An overview of security requirements **A10. Preparation of agenda to progress on roadmap** **A11. Establish Commons Specifications** **A12. Launch Large Scale Pilot.** evaluate, select and negotiate pilots	**Actions by MS and EU**
4th Quarter 2007	M6. Availability and acceptance of requirements for electronic identification / authentication facilities imposed on all Member States wishing to offer eIDM services; and acceptance of principles/standards of semantic interoperability to enable information exchange to the extent required by the conceptual framework. Additional standardisation work to be planned as appropriate, especially with regard to technical and organisational aspects. Emphasis is placed on data protection, privacy schemes and information security. M7. Revised Roadmap	A13. **Awareness raising campaigns towards the citizen**. In order to get the citizen to make use of the pan-European eID services, she/he needs to know what services are available, for what purposes, and what it takes to access these services. A14. **Consultation on data protection / data ownership models and principles**, based on stewardship of personal data with public sector parties.	**List of applications to benefit from eIDM (Ref. A3)** **User requirements associated with privacy and data protection**
1st Quarter	M8. Run Large Scale Pilot	**A15. European standardisation activities** to be undertaken pursuant	**Overview of status quo** **Testing, piloting,**

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2008		to shared policy goals among the Member States – assessment of available standards and their adequacy for the envisaged conceptual framework, and initiation of studies for any missing standards.	**finalizing common specifications** **Establishing interoperability infrastructures**
2nd Quarter 2008	M9. Availability and acceptance of a legal trust model, including: • Definition of authentication levels and mapping of existing solutions to these levels; • Conclusion of binding legal instruments in which the Member States accept each others' authentication methods of any given level as equivalent to their own solutions of the same authentication level; • Conclusion of binding legal instruments regarding Member State liability for information contained in authentic sources and identification/authentication on the basis thereof. M10. Availability and acceptance of data protection / data ownership models and principles, based on stewardship of personal data with public sector parties	**A16. Planning for coherent progress** Piecing together MS infrastructures to build a coherent environment for eIDM Gather a group of forerunner MS open to others Link requirements on data protection and legal trust framework Information security framework to ensure the robustness of the eIDM set up	**Legal trust model** **Authentication levels** **Data protection models** **Information security model**
3rd Quarter 2008		A17. **Benchmark and Monitor progress**	**Initial results of monitoring of large scale pilots of interoperable eIDMs**
4th Quarter 2008	M11. Start of trust and awareness creation through suitable mechanisms, including information campaigns towards the envisaged end users, emphasising usability, security and privacy. M12. Finalising the technical interoperability model, including technical and semantic standards and	**A18. Prepare Cooperation plan with appropriate MS and EU organisations** **A19. Draw up Technical interoperability model** in cooperation with private and public sector organisations. Draw up requirements of	**Technical interoperability model**

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	information exchange mechanisms. M13. Revised roadmap	the security subsystem	
1st Quarter 2009	M14. Extend to lateral areas of interest (authorisation and non-repudiation)	**A20. Study on the implementation of a suitable mandate / authorisation / role management model.** **A21. Study on take-up of eSignatures in eGovernment: trends, barriers, drivers and interoperability of eSignatures for both non-repudiation and authentication**	**Elaborate authorisation model**
2nd Quarter 2009	M15. Availability and sufficient testing of any required pan-European technical infrastructure. This entails the verification of the infrastructure's compatibility with the goals defined in the Signpost Paper and of its capability to recreate all functionality explored through the large scale pilots and the identified key applications.		
3rd Quarter 2009	M16.eGovernment Ministerial Conference	A22. **Consultation on evaluation and possible implementation of extended private sector uptake** (focusing on privacy and security aspects).	**Review of eSignatures take-up in public services** **Review of security approach with regard to eIDM**
4th Quarter 2009	M17. Revised roadmap	A23. **Study on the suitability of the use of the eIDM as a "quality mark"** for electronic authentication after 2010. Principles for quality mark evaluation and allocation (labelling) need to be created. Includes publication of an eIDM labeling scheme.	**Introduction of eIDM quality mark to designated applications and providers** **Plan a fully blown accreditation scheme for eIDM labelling**
1st Quarter 2010	*Reaching the i2010 objectives*		
3rd Quarter	M18.Benchmark and monitor progress	A24. **Study on the uptake by Member States of the European eIDM**	**Review of the uptake by Member States of the**

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2010		framework for interoperable eIDMs.	European eIDM framework
4th Quarter 2010	M19.Finalisation of work, post 2010 plans		Post 2010 Plans

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