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Consorzio Interuniversitario Nazionale per l'Informatica (CINI) *Italy*

Data Archiving and Networked Services (KNAW-DANS) *Netherlands*

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Digital Preservation Coalition (DPC) *UK*

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European Space Agency (ESA) *France*

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Forschungsinstitut für Telekommunikation (FTK) *Germany*

Foundation for Research and Technology-Hellas (FORTH) *Greece*

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Helmholtz Association (HA, represented by Alfred Wegener Institute) (AFPUM) *Germany*

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Tessella *UK*

The British Library (BL) *UK*

The Stichting LIBER Foundation *Netherlands*

Tieteen Tietotekniikan Keskus Oy (CSC) *Finland*

University of Essex, UK Data Archive *UK*

University of Patras (UPAT), Library & Information Center (LIC) *Greece*

University of Trento (UNITN) *Italy*

APA RSEN

**Alliance Permanent Access to the
Records of Science in Europe Network**

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APA
ALLIANCE FOR PERMANENT ACCESS

APA RSEN

**Alliance Permanent Access to the
Records of Science in Europe Network**

WLCG (CERN) supplied courtesy of STFC

APARSEN is a Network of Excellence that aims to bring together an extremely diverse set of practitioner organisations and researchers, exploiting our diversity by building a long-lived **Virtual Centre of Excellence for Digital Preservation**

ACCESS

Without the ability to provide access to digital objects and data within a repository digital preservation fails. APARSEN will provide some of the answers as to how access can be maintained through work on identifiers and citability, data policies and governance, and digital rights

USABILITY

APARSEN will be examining issues relating to interoperability, intelligibility and scalability to help develop a roadmap for how data and digital objects can remain useable and understandable in the long-term

TRUST

The issue of trust is at the core of all digital preservation work. How do we trust that a digital object or data is what it claims to be? APARSEN will address issues of trust through work on testing environments, authenticity and provenance, annotation and data quality, and repository certification

SUSTAINABILITY

Digital repositories must be sustainable if they are to meet their preservation commitments in the medium to long-term. Work within APARSEN on topics such as cost/benefit analysis, preservation services, storage, and business cases will seek to bring together disparate research around this topic to help us build sustainable repositories

VIRTUAL CENTRE OF EXCELLENCE

APARSEN will develop into a Virtual Centre of Excellence in digital preservation which will focus on promoting and supporting the spread of digital preservation best practice.

This will include providing advice, tools, training and workshops, services and forum for the exchange of expertise.

Vice President of the European Commission, Neelie Kroes has said* *"Just as oil was likened to black gold, data takes on a new importance and value in the digital age. Web entrepreneurs assemble and sell content and applications and advertising, based on data. With those efforts they make our lives more convenient and they keep authorities accountable. They live on data, and increasingly so do the rest of us."*

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*http://tinyurl.com/clgm43x

Europe must exploit its rich and varied digital resources now and in the future; APARSEN will contribute to a common understanding of digital preservation and a common vision of the research agenda needed to ensure permanent access.

The future is uncertain, we must agree on how to work together to reduce the risks to Europe's precious digital holdings.

APARSEN will build a long-lived Virtual Centre of Digital Preservation Excellence, which you can be part of, aimed at taking digital preservation to a higher level within the EU and beyond and ensure that the issues of digital preservation will move from being a niche concern to be increasingly taken up by all organisations and included into their work flows.

The High Level Expert Group on Scientific Data asked, in the Riding the Wave report:* "Just how will we train people to work in this environment? What tools will we need to move, store, preserve and mine these data?"

APARSEN will collect and develop coherent training materials and curricula to enable people involved in all stages of information creation, curation and re-use to attain appropriate skills about digital preservation technologies applicable to all types of digitally encoded information.

* http://tinyurl.com/6hrfwtw

ESA/AOES Medialab – SMOS in orbit

APARSEN brings together expertise from across Europe including partners from industry, cultural heritage organizations, research bodies and membership organizations and will bring coherence, cohesion and continuity to research into barriers to the long-term accessibility and usability of digital information and data.