

## Project structure

The Project is organized in **10 work packages:**

**WP1 - Project management and results dissemination**

**WP2 - Digital bibliographic resources and services purchase**

To rationalise and optimise library acquisitions thanks to intervention coordination and effective integration

**WP3 - Science & Technology Digital Library Portal (PSTDL)**

To develop a one stop-shop portal allowing the integrated access to resources and services, ensuring their unified vision, and their immediate, easy and intuitive use by different users- both skilled and not

**WP4 - Catalogues and MetaOPAC**

To develop a collective catalogue and a MetaOPAC that allows an integrated access to bibliographic and documentary resources and services, provided by the CNR libraries and in the future by other libraries participating to the Digital Library

**WP5 - Realisation of a multifunctional space to give access to resources to external users**

To ensure the use of digital and multimedia information resources and to provide services in order to increase the value of research communities expertise, in a multifunctional space

**WP6 - Repository Platform**

To implement a platform based on a cooperation model using open technologies and standards, that is going to host other Italian repositories managed by research institutions

**WP7 - Virtual Reference**

To develop an online service that widens and improves traditional library reference services in order to ensure quickness and accuracy in information search, thanks to the mediation of information specialists

**WP8 - E-learning**

To develop e-learning services, that make learning tools, platforms and environments and objects, in the LIS field, scholarly communication and information, available to different user communities

**WP9 - Scientific and Cultural Heritage Digitisation**

To develop technical and organisational solutions in order to allow wide use of historical contents in the field of science, technology and cultural heritage

**WP10 - Development of a digital preservation system for research output**

To develop organizational, technical and technological models in order to build an experimental digital preservation system for research output

## Science and Technology Digital Library Project

*Science and Technology for all*

**Research products and datasets  
Information and knowledge about R&D  
Historical contents**

**for**

*Researchers and scientific community  
Institutions and the business sector  
Families, students, citizens*



## Developing an integrated system

The “Science & Technology Digital Library” Project founds itself on the *EU 2020 Strategy*, and it is consistent with *Horizon 2020* and its main purpose of putting together research and innovation in order to build a real knowledge-based economy in Europe.

Science & Technology Digital Library is build on the systemic relation among research, knowledge and innovation, and takes advantages of ICTs for the benefit of the scientific community and of the society as a whole, in order to favour innovation, economic growth and competitiveness.

## The National Research Council

The Project is hold by **CNR**, the most important Italian research institution: since its foundation, CNR has carried out research in the main areas of knowledge with high multidisciplinary; its mission is to create value through knowledge generated by research promoting the enhancement and use of research results and knowledge spread in society. S&TDL benefits from the synergy of expertise, competences and institutional activities of two strong realities within CNR: the Information System Unit and the Libraries System.

The **Networking and Information System Unit** has gained a vast and solid experience over the years at the service of the CNR scientific network. It has developed innovative technological tools and services- especially platforms and advanced instruments related to Information & Knowledge Management, and effective user-oriented management services.

The **Central Library “G. Marconi”**, which is the deposit library for Science and Technology, has always been attentive to society and to its needs, and it is the promoter of the ideal of a widespread and shared use of owned information resources on science and technology. With the help of **CNR Library System**, th Central Library is committed to offer a wide range of qualified services to the STDL public.

## The partnership

The Science & Technology Digital Library is based on strategic partnerships with eminent institutions, both within and outside CNR.



### Main objective

*S&TDL main objective is to develop an integrated system giving access to scientific and technological information, allowing its effective, widespread and transparent management and use.*

## Keywords

**Community**  
**Harmonisation and Integration**  
**Sharing and Collaboration**  
**Scientific Knowledge Valorisation**  
**Multilevel Interoperability**  
**R&D Transparency**  
**Open Access**

## Specific objectives

To ensure **effective, permanent and certified access** to information resources, scientific and technical data, expertise, research activities, projects and programmes

To develop **methodological approaches and innovative technological solutions** that are coherent with key choices and with the ongoing modernisation within CNR information system

To create **cutting-edge services** tailored on the information needs of different users in order to ensure a large scientific and technological information dissemination and to make research, its processes and its results transparent, open and reusable

To ensure **interoperability** with the most important National and International R&D information systems

To guarantee the **harmonisation and total integration** of contents and service management and supplying systems

To promote **Open Access** and **National scientific output valorisation** and **preservation** (legal deposit)

To build and enforce constantly **the relation network** and the existing interconnections among the different parts of the system, taking advantage from the opportunities offered by Semantic Web