HeLabS

Cultural Heritage Open Laboratory System

The CHeLabS System:
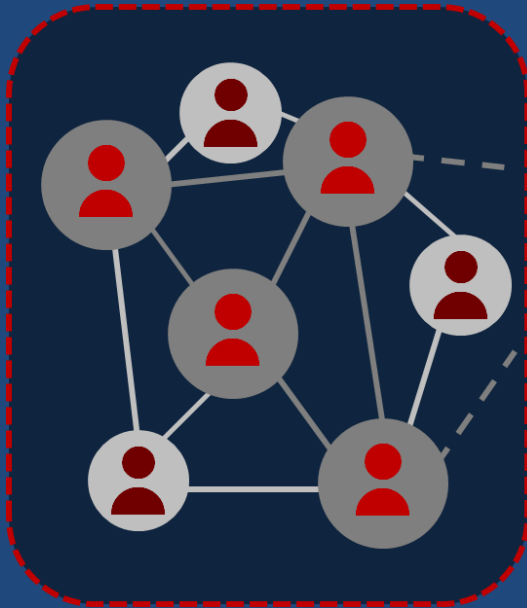# The Community

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The potential participants to the survey come from all the public and private organizations, and the experts that operate in the cultural heritage domain, as well as the citizens.

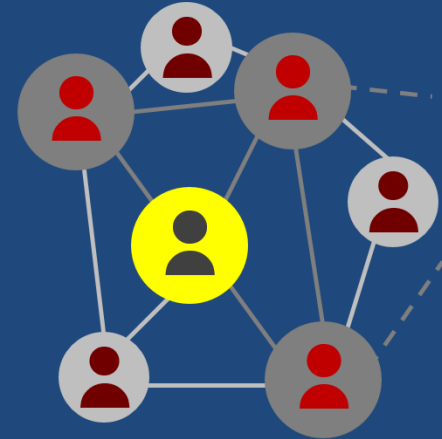## THE CHeLabS COMMUNITY

is configured into six profiles:

1) TERRITORIAL ORGANIZATIONS, OWNERS, SUPERINTENDENCE;

2) CONSERVATION OPERATORS, HERITAGE SCIENTISTS;

3) TECHNOLOGY OPERATORS;

4) SCHOOLS, HIGH EDUCATION INSTITUTIONS, UNIVERSITIES, RESEARCH INSTITUTES;

5) FUNDING AGENCIES;

6) CITIZENS.

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Profile 1:

TOwnSup – TERRITORIAL ORGANIZATIONS, OWNERS, SUPERINTENDENCES

Professional associations, business networks, agencies, cultural institutes or local organizations involved in the cultural heritage domain, public and private owners, superintendence, local organizations involved in the management of the cultural heritage.

CHeLabS IS GROUNDED in the hosting Territory, so to keep and strengthen the link between its activities and the territorial system.

The Patrimony and the territorial resources will be the beneficiary of the activities in CHeLabS, while the specific Territory will be part of a wide and harmonized system.

A Heritage site within the CHeLabS system will be an active part in the development of the CH Safeguarding process by:

- attracting and hosting the excellence in this field;

- contributing to the knowledge enhancement related to a specific open problem, which is common to other sites as well;

- sustaining the establishment and the dissemination of the best practices.

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Profile 2:

CoHs – CONSERVATION OPERATORS & HERITAGE SCIENTISTS

Professionals and experts in conservation science, in technologies and materials for the cultural heritage conservation and restoration, students in restoration training courses, Experts in conservation science, in technologies and materials for the cultural heritage conservation and restoration.

CHeLAbS WIDENS the horizon of each activity, thanks to the resulting stratification of knowledge available on the sites.

Each site is equipped with top-level technologies for performing in situ monitoring and diagnostics; data integration from continuous monitoring and from particular studies will amplify the effectiveness of the works.

The users can employ the site's standard equipment or/and bring their own instruments widening the objectives of their study.

The possibility of insight into different issues will build a multilevel and multiscale knowledge related to specific problems.

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Profile 3:

TechO – TECHNOLOGIES OPERATORS
Professionals, enterprises, public and private organizations involved in research and development of innovative technologies and services in the cultural heritage domain

CHeLabS OFFERS the opportunity to test new instrumental systems in a short period of time, so to reduce the Time To Market (TTM).
A well-structured validation activity on innovative and top-level technologies will supply solid evidences for the assessment of their potential for specific problems.
This context helps the adoption of new technologies by the potential end users, and supports the technological transfer.

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Profile 4:

HeUniRi – SCHOOLS, HIGH EDUCATION INSTITUTIONS & UNIVERSITIES AND RESEARCH INSTITUTES

Public and private schools and high education institutions, Public and private Universities and Research Institutes involved in any research field.

CHeLabS OFFERS a stimulating context where the CH chain may converge. There the top-level technologies meet excellent competencies and a wide users community, hosted in an attractive environment directly inside a heritage site, where the activity definitely shows a character oriented to open problems.

The partner institutions will contribute at the composition of a high quality team of professionals in each CHeLabS site to assist the users in their activity, manage the standard activities on each site, plan their own research as well as the educational programmes.

CHeLabS wish to sustain the open access data policy; the users will be both the protagonists and the beneficiaries in the knowledge creation process.

Profile 5:

FundA - FUNDING AGENCIES
Public or private local organizations, either at regional or national level, foundations, banks.

CHeLabS OFFERS a wide context for an effective dialog between the Funding Agencies and CH Sector operators.
The scope of this **dialog encompasses the processes for addressing a higher effectiveness of funding schemes, with respect to the specific objectives of the agencies.**
Furthermore, the identification of useful profiles, and the suitable ways for building this dialog will be brought into evidence.

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Profile 6:

CTzens - CITIZENS
Citizens, with no specific expertise in the field of cultural heritage.

CHeLabS ENGAGES all citizens, having no specific expertise in the heritage field, who perceive its symbolic capital and recognize its value for the social growth.
Their engagement becomes a constitutive part of the knowledge creation process that orients the research and the innovation, being an essential stimulus for the experts in the field. This also helps the development of virtuous approaches, aiming at the capacity building processes of the entire community.
The public engagement becomes a fundamental step for a "community-driven" development, because it is oriented towards a sustainable growth.

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CONCLUSIONS

The CHeLabS is intended to become a sort of distributed laboratory, attracting competencies and generating excellence, built on the Open Access and Sharing culture.

The effectiveness of the CHeLabS model does not depend on the state of the art technologies that, in a specific period of time, are available on the sites. In this way the implementation of the system is continuously renewed with innovative technologies. The adoption of the open access policy on the sites, combined with accessible advanced technologies and data sharing, amplifies and accelerates the knowledge creation process.

The added value of the CHeLabS approach consists in building the proper context that naturally attracts the major experts who face the challenging issues. This triggers innovation processes in the long-term and the achievement of new solutions to still open problems, not necessarily predictable and planned in the implementation phase. This aspect recalls the well known experience of all the large-scale facilities that, in few decades, have strengthen the growth in many research fields.

Today, the bottom-up character of the participated survey is inspired by these same principles, inviting the heritage science community together with the citizens to configure a new scenario that will guide the CHeLabS system in its future operating phase.

SIMPLIFICATION, SHARING, HARMONIZATION, OPEN ACCESS, INNOVATION, CENTRALITY OF CULTURAL HERITAGE

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A PLACE FOR SHARING

http://chelabs.idasc.cnr.it