

Online cultural heritage: relationship between visibility and security

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Documentazione

Central Institute for Catalogue and Documentation

Is responsible for

Catalogue and Documentation
of cultural
heritage of archaeological,
art-historical and
environmental
interest



ICCD is the Institute that in the Ministry of Cultural Heritage:

DEFINES

The standards and tools

for Cataloguing and Documentation of archaeological, architectonical, historical, artistic and ethno-anthropological national heritage according with the Regions

MANAGES

The General Informative Catalogue System **(SIGEC)**



EXECUTES

Training and research functions in cataloging

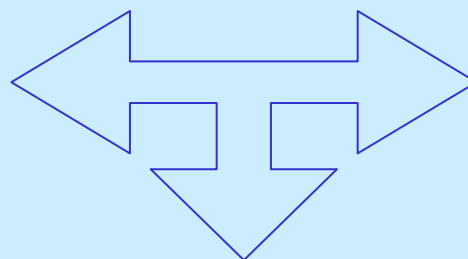
PRESERVES AND PROMOTES

The digital and paper archives, opened to the public consultation, and the collections of photography and aerial photography kept in his funds



Istitutional Goals

TRAINING



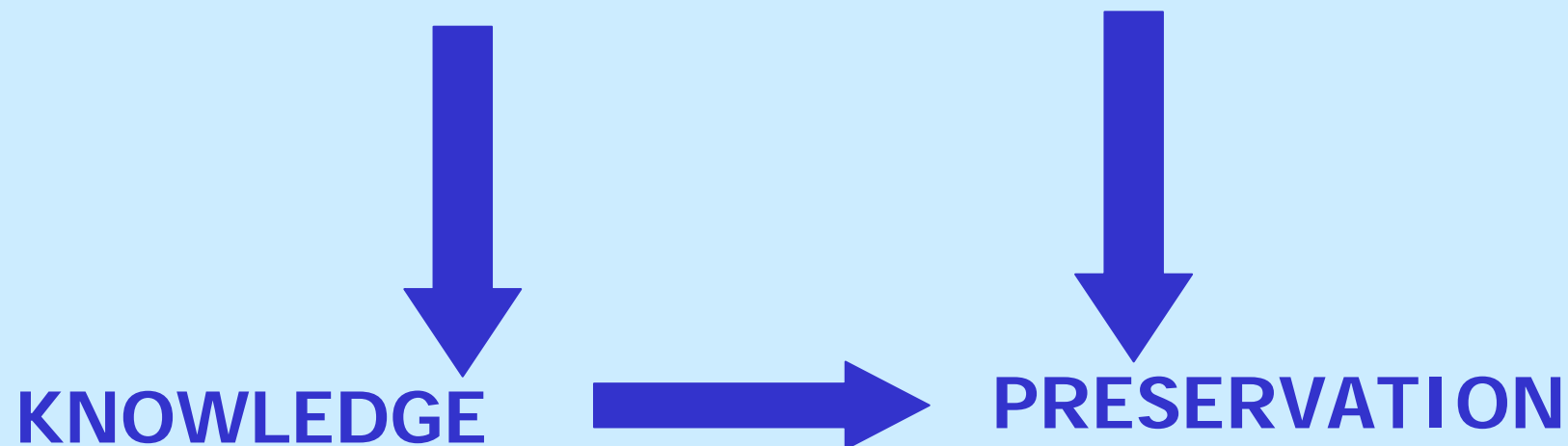
CATALOGUING

DOCUMENTATION



Cultural institutions online: Only those who show themselves will be seen –
Roma, Complesso del S. Michele, Sala dello Stenditoio, 28.04.2011

Istituzionali Goals



The knowledge of the cultural heritage through the consultation of digital databases is regulated by specific laws of the Italian State :



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- Codice in materia di protezione dei dati personali (D.Lgs. 30 Giugno 2003, n. 196), recante il Testo Unico delle norme in materia di tutela delle persone e di altri soggetti rispetto al trattamento dei dati personali (Codice della Privacy)
- Codice dei beni culturali e del paesaggio (D.Lgs. 22 gennaio 2004, n. 42)
- Codice dell'amministrazione digitale (D.Lgs. 30 dicembre 2010, n. 235), recante norme che assicurano disponibilità, la gestione, l'accesso, la trasmissione, la conservazione e la fruibilità dell'informazione in modalità digitale



Cultural Heritage Cods: art. 17 Cataloguing

The rules for the use of the data

comma 6. The consultation of data concerning the declaration given under art. 13 is regulated as to guarantee the **preservation of cultural heritage and privacy protection**



This privacy, security and data protection of cultural heritage are themes of basic relevance for access and use of information

The operations of filtering and masking of the controlled information is especially critical for the following reasons:



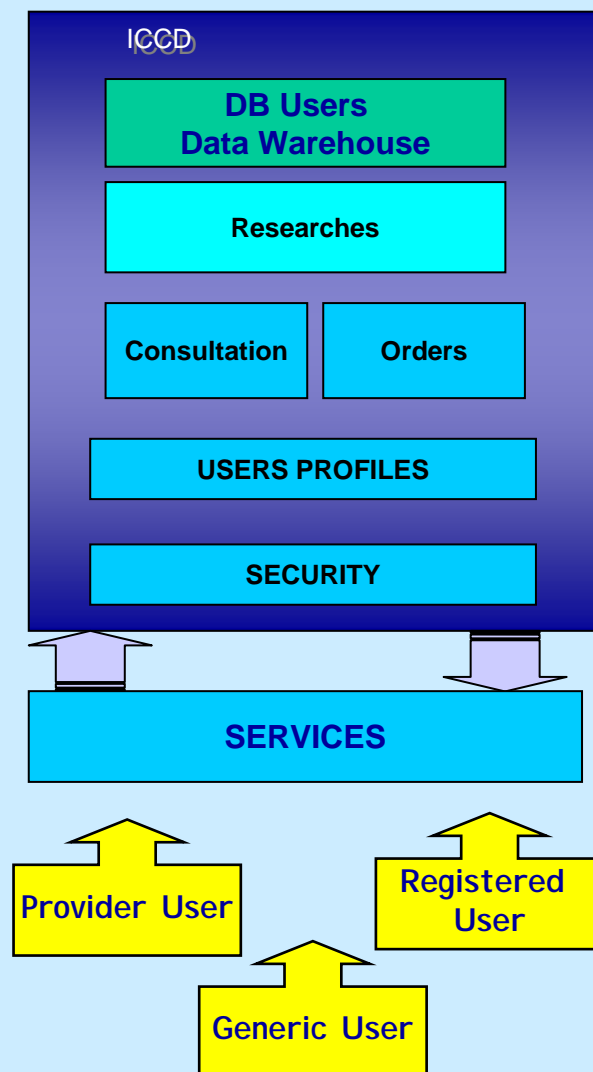
- ✓ These operations are different for different types of Cultural Heritage
- ✓ Cultural Heritage of the same typology may be subject to different treatment depending, for example, on the value, the legal-administrative condition, the location, or other parameters
- ✓ the possibility of data access and processing operations, masking and filtering depend on the type of user
- ✓ However, the general user is allowed to access to a minimum set of information



The generic target includes all those generic figures without a specific profile that identifies them with special privileges.

The generic user, registered or not, cannot access data in great detail but sees only the information that is potentially present in a first-level in which are not visible - in addition to any sensitive data - personal data





SIGEC User Sub System

Functional schema

The specifications for data access in ICCD standards

		<i>Obbligatorietà</i>	<i>Ripetibilità</i>	<i>Dimensione</i>	<i>Vocabolario</i>
AD	ACCESSO AI DATI	si			
ADS	SPECIFICHE DI ACCESSO AI DATI	si			
ADSP	Profilo di accesso	si		1	chiuso
ADSM	Motivazione	si		70	aperto
ADSD	Indicazioni sulla data di scadenza			25	



The section "**Data Access**" indicates the privacy level of reference.

The compilation of this paragraph (**absolutely obligatory**) ensures that generic Utilities cannot go back, even indirectly, to information for which have not been enabled directly, using the network of relationships with other objects, or other entities present in the components



Paragraph AD (data access) is structured in the following subfields:

ADSP: Access Profile: field managed by the system automatically.

Three different levels of access that permit the management of privacy and preservation rules

ADSM: Reason: documentary field

Open vocabulary:

Object publicly available

Object not publicly available

Object at risk

Record containing personal data

ADSD: Date: documentary field. Changing the profile after the expiry involves upgrading and validation of the record.



Acronimo	Descrizione
Inventario	
num inv	Numero di inventario
Notizie Storico - Critiche	
not sto cri	Notizie storico critiche
Localizzazione attuale	
com att	Comune
ind att	Indirizzo
loc att	Località
den zona att	Denominazione zona urbana
tip loc att	Tipologia collocazione specifica
den col att	Denominazione collocazione specifica
com mon att	Complesso monumentale di appartenenza
den spa att	Denominazione dello spazio viabilistico
alt loc att	Altra località
Altra localizzazione	
com alt	Comune
ind alt	Indirizzo
tip col alt	Tipologia collocazione specifica
den col alt	Denominazione collocazione specifica
den rac alt	Denominazione raccolta
com mon alt	Complesso monumentale di appartenenza
alt loc alt	Altra località
Ubicazione	
den via ubi	Denominazione spazio viabilistico
num civ	Numero civico
ind chi	Indicazione chilometrica
lato	Lato
Ubicazione catastale	
fog ubi	Foglio
par ubi	Particelle
Specifiche del luogo di rilevamento	
luo ril	Luogo
per ril	Percorso
ril area	Area storico-geografica
ril con	Contesto
Riferimento matrice	
loc mat	Luogo di conservazione della matrice
Copyright	
cop ind	Indirizzo

Inventory

Historical Data

Current Location

Other Location

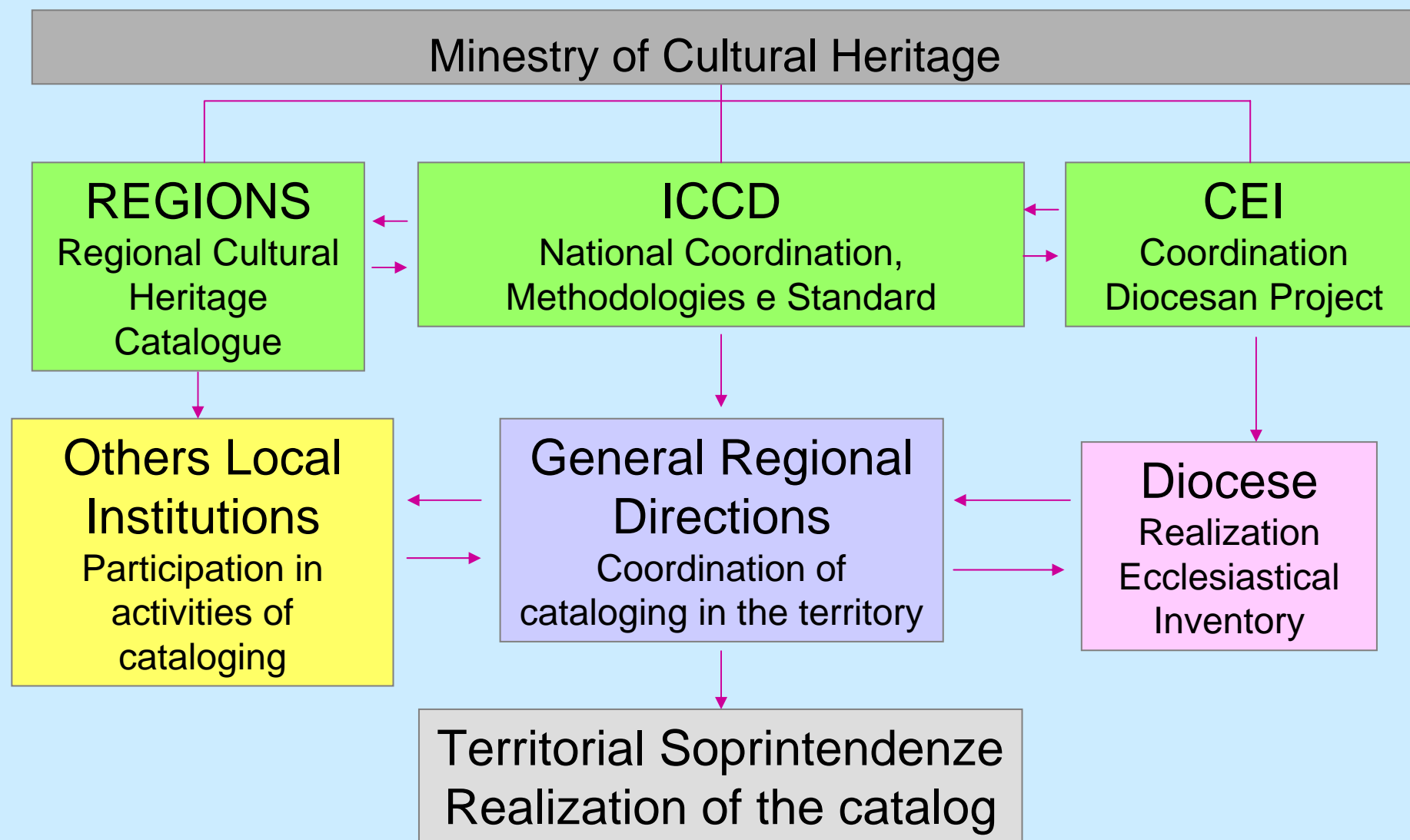
Location

Cadastral Location

**The site where the
object was found**

Matrix reference

Copyright





The Dioceses are
other essentials
items to compile the
framework of the
institutions
on the basis
Convention of 8 April
2002



Publication of data

Convenzione 08.04.2002, art. 5: *"i criteri e le modalità per l'accesso alle banche dati degli organi ecclesiastici e ministeriali da parte dei medesimi organi o da parte di terzi a scopo di studio o per iniziative di valorizzazione o di altro tipo, saranno determinati da apposite convenzioni che dovranno specificare anche i criteri per la eventuale fruibilità in rete"*





When the data concern not public-owned property - as in the case of ecclesiastical cultural heritage – it's necessary to have the authorization of the owner

Conclusions

It is necessary to design the presentation of the database on the web:

- ✓ agreements with the owners of the objects
- ✓ definition of the information's level necessary for the identification of the objects respecting the rules of privacy and protection
- ✓ use data structures and information systems able to mask sensitive information
- ✓ provide different levels of user

