Grant Agreement ECP-2007-DILI-517009

EuropeanaLocal

Pan-European multilingual directory of vocabularies in use with local/regional content

Deliverable number	*D2.2*
Dissemination level	*Public*
Delivery date	*May 2009*
Status	*Draft*
Author(s)	*Gordon McKenna, Collections Trust (UK)*

eContent*plus*

Contents

1 Introduction

The purpose of work package 2
Work package 2 of the EuropeanaLocal project (WP2) is tasked with:

Task 1.　　[A] Partner survey of metadata and vocabulary usage;
Task 2.　　Assessing the [EuropeanaLocal] repositories and aggregations network;
Task 3.　　Identifying Thematic Content.

This deliverable, D2.2 *Pan-European multilingual directory of vocabularies in use with local/regional content*, is the second of two deliverables associated with Task 1. The first, D2.1 *Metadata survey report*, used the same survey as this deliverable.

Overview of the deliverable
The deliverable gives an overview of the use of standards for date, geographic co-ordinates and vocabularies (terminologies) in use in the by the collections proposing to send their content to Europeana through the EuropeanaLocal project.

It also contains directory by country of the various published standard terminology sources for:

• Geographic names;
• Time periods;
• Subjects;
• Person and organisation authorities.

To increase the range of sources in the directory the author has included the results from a similar survey in the ATHENA project.

4

2   Overview

This table gives the usage terminological standards of different types:

Standard area	Number of organisations using standard : %
Geographic names	82 : 50.0%
Geographic co-ordinates	16 : 9.9%

Date formats	110 : 67.9%
Time periods	50 : 30.3%

Subjects	103 : 62.8%

Person and organisation authorities	77 : 47.8%

The survey shows with all terminology types that there is a substantial number of organisations submitting content to Europeana without using terminology standards in key areas for search and retrieval. Organisations surveyed said that major reasons for not using a standard were that existing published standards are:

* Too unmanageable (and possibly too expensive) to use in their organisations;
* Not detailed enough for their collections (for example with local place names);
* Not in the local language. Although this sometimes leads to projects to translate terminologies from other languages, particularly English (for example the AAT).

The use of published national terminologies is mandated in some countries, for example Italy, Spain, France and Hungary. In contrast other countries do not have this kind of system, e.g. the UK, where usage is lower.

The use of geographic co-ordinate standards is significantly lower than the other standards. This low figure probably is a reflection of the material in the collections being surveyed (See D2.1) where a precise co-ordinate is not known or suitable.

Looking at how these standards are created (some organisations use published and in-house developed terminologies):

Standard area	Provider developed – organisations using : %	Published standards – organisations using : %
Geographic names	24 : 29.3%	60 : 73.2%

Time periods	17 : 34.0%	33 : 66.0%

Subjects	32 : 31.1%	76 : 76.8%

Person and organisation authorities	22 : 28.6%	61 : 79.2%

Around 30% organisations are creating their own in-house standards. When asked why the angers were similar to those given when no standard is used.

.

3 Date format standards

Just over 66% of the organisations said that they used a standard date format:

Standard	Number using standard
YYYY-MM-DD (ISO 8601) (including YYY-MM and YYYY)	73
DD.MM.YYYY	10
DD-MM-YYYY (including MM-YYYY and YYYY)	8
DD/MM/YYYY	4
YYYY/MM/DD	2
YYYY.MM.DD	2
SWD (Z)	2
DD,MM,YYYY	1
DD.MM.YYYY	1
DDMMYYYY	1
DDMMYY	1
DDMMYYYY	1
MM/DD/YYYY	1
YYYYMMDD	1
SPECTRUM-standard	1
Text description; Time interval	1
UCD	1
Y decade of 20th century	1
Year, century	1

4 Geographic co-ordinates standards

Of the just under 10% collections that use geographical co-ordinate standards:

Standard	Number using standard
Latitude/Longitude	7
WGS84 (UTM33)	6
RT90	2
Gauss-Boaga	1
NUKAT (http://www.nukat.edu.pl/katalog/)	1

5   Published geographic name standards

Country	Standard
Austria	Getty. Thesaurus of Geographic Names (TGN): **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Belgium	ISO list of short country names (English)
	Getty. Thesaurus of Geographic Names (TGN): **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Bulgaria	A list of geographical names and areas developed by the National Authority: **http://www.nsi.bg/nrnm/index.php?i=1&ezik=e**
Czech Republic	Code list of municipalities of Czech Statistical Office: **http://www.czso.cz**
	Official abbreviations for states according to ČSN 97 1002 (ISO 3166)
Denmark	Danmarks Stednavne (The Placenames of Denmark).
Finland	YSA - General Finnish Thesaurus: **http://www.yso.fi/onto/ysa/ysa_juuri**
	Tampereen virastokartta (Tampere city official map) Published by Tampereen yhdyskuntatuotanto, 1/2007
France	INSEE: **http://www.insee.fr/fr/methodes/nomenclatures/cog/**
	Getty. Thesaurus of Geographic Names (TGN) [only for archaeology collections]: **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
	Dictionary "Petit Robert".
	NFZ44-081 (+ note de la DAFDITN 2007.008)
	RAMEAU: **http://rameau.bnf.fr/**
	BNF: **http://catalogue.bnf.fr/**
Germany	German National Library. Subject headings (Schlagwortnormdatei, SWD; licensed, not public)
	National Statistical Bureau. List of municipalities (Gemeindeverzeichnis; licensed, not public)
	Getty. Thesaurus of Geographic Names (TGN) [licensed but not in use]: **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Greece	Getty. Thesaurus of Geographic Names (TGN): **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Hungary	Hungarian standard: KSZ/5. geotaurusz and geohistaurusz: **http://www.oszk.hu/hun/szakmai/tezaurusz/tezaurusz_index_hu.htm**
Italy	Indirizzario di Pompei, from: L. Esherbach, Gebäudeverzeichnis und Stadtplan der antiken Stadt Pompeji, Köln, 1993
	ISTAT (The National Institute of Statistics) has published a structured set of standards and criteria for filling in file cards for digital objects based on these: **http://www.istat.it/strumenti/definizioni/comuni/ripartizioni_regioni_province.xls**

Country	Standard
Malta	Getty. Thesaurus of Geographic Names (TGN): **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Netherlands	Elsevier Alfabetische Plaatsnamengids Nederland (ISBN: 9789035242425)
	Getty. Thesaurus of Geographic Names (TGN): **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**
Norway	Official name and number for counties and municipalities in Norway (published by Statistics Norway): **http://www.ssb.no/kommuner/komkatfylkesvis.html**
Poland	Spis miejscowości w Polsce w układzie alfabetycznym". Katowice : Wydawnictwo Kartograficzne, 2006
	Wykaz urzędowy nazw miejscowości w Polsce. Poznań, 1980 (The list of official names of cities in Poland)
	PN-EN ISO 3166-1:2008 Codes for country names and its administrative entities - Part 1: Country codes
	JHP KABA: **http://www.nukat.edu.pl/nukat/pl/kaba.phtml?sm=5&poz=2&id=92**
	JHP BN: **http://mak.bn.org.pl/w5.htm**
	KARO: **http://karo.umk.pl**
	Library of Congress Authorities: **http://authorities.loc.gov/** (English)
Portugal	PacWeb: **http://pacweb.bn.pt/autores.htm**
Slovak Republic	Úrad geodézie, kartografie a katastra SR: **http://www.geoportal.sk/gp/index_en.html**
Slovenia	Country Code: ISO 2-letter code (As a thesaurus for localities is used ATLAS SLOVENIJE, 4th edition (2005).- Mladinska knjiga, Ljubljana.0
	Slovenian Lexicon of Places.
Spain	Catalonian Library Subject Headings (for Catalan terms): **http://www.bnc.cat/catalegs/autoritats/lemac.php**
	Codes for the representation of names of countries, ISO 3166:1993
	Directrices para registros de autoridad y referencias: anteriormente denominadas "Directrices para los asientos de autoridad y referencia". Madrid: Ministerio de Cultura, Secretaría General Técnica, 2004: **http://www.ifla.org/VII/s13/garr/garr-es.pdf**
	Fundación Sancho El Sabio: **http://www.fsancho-sabio.es**
	Gobierno Vasco: **http://www.euskadi.net/harluxet**
	Las Reglas de Catalogación, Ed. nuevamente rev. Madrid: Ministerio de Educación y Cultura, Centro de Publicaciones, 1999.
	Library of Congress Authorities: **http://authorities.loc.gov/** (English)

Country	Standard
	List of place names of the National Statistic Institute: **http://www.ine.es/nomen2/index.do**
	Lista de encabezamientos de materia para las bibliotecas públicas. -- 2ª ed. rev. -- Madrid : Dirección General del Libro y Bibliotecas, D.L. 1987.-- 333 p. ; 24 cm.-- ISBN 84-505-2836-4
	National Library Authorities Catalogue (for Spanish terms): **http://catalogo.bne.es/uhtbin/authoritybrowse.cgi**
	Subject Headings List for Public Libraries: **http://www.mcu.es/bibliotecas/MC/LEMBP/index.html**
	Toponimia de Navarra: criterios de normalización lingüística y nomenclátor de localidades. Pamplona, Gobierno de Navarra, 2000 (ISBN 8423519589).
	Toponyms ISOC Online Thesaurus: **http://thes.cindoc.csic.es**
Sweden	SCB (Swedish standard geographical names): **http://www.scb.se**
	National Board of Antiquities Geographical Names
	ATA, Standard terminology of the parishes in Sweden: **http://nad.ra.se/static/termlistor/topografier.xls**
United Kingdom	Getty. Thesaurus of Geographic Names (TGN) [for reference]: **http://www.getty.edu/research/conducting_research/vocabularies/tgn/**

6 Published time period standards

Country	Standard
Austria	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
Belgium	Getty. Art & Architecture Thesaurus (AAT) [in Dutch]: **http://www.aat-ned.nl** **http://www.w3.org/TR/xmlschema-2/**
Czech Republic	Národní knihovna České republiky (standards published by): **http://www.nkp.cz**
France	**http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/AIDEMUSEES/telechargement.htm** **http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/AIDEMUSEES/epoq-200903.rtf** **http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/AIDEMUSEES/telechargement.htm** **http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/AIDEMUSEES/peri-200903.rtf** RAMEAU: **http://rameau.bnf.fr/**
Germany	SWD (Schlagwortnormdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/swd.htm**
Hungary	MSZ ISO 15836:2004: **http://www.mszt.hu/** OSZK tezaurusz: **http://www.oszk.hu/hun/szakmai/tezaurusz/tezaurusz_index_hu.htm**
Italy	ICCD standard: **http://www.iccd.beniculturali.it/Catalogazione/standard-catalografici/normative/scheda-oa-d**
Latvia	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/** Authority database of The National Library of Latvia: **http://195.13.129.34:8991/F/VG437IKUQ384N5K12NQTX1J8G2K5EFA5VSG3VKLQDKUNU54PL4-00985?func=option-update-lng&P_CON_LNG=ENG**
Malta	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
Netherlands	Getty. Art & Architecture Thesaurus (AAT) [in Dutch]: **http://www.aat-ned.nl**
Norway	BIBBI authority: **http://www.bibsent.no/bibbi/bibbi_autoritet.aspx**
Poland	[Based on the following guide (it is available in Polish)]: **http://www.bibliotekacyfrowa.pl/dlibra/docmetadata?id=25069&dirds=1&tab=1** JHP BN: **http://mak.bn.org.pl/w5.htm** JHP KABA: **http://www.nukat.edu.pl/nukat/pl/kaba.phtml?sm=5&poz=2&id=92**

Country	Standard
	KARO: **http://karo.umk.pl**
	UCD: **http://www.udcc.org/**
Slovak Republic	Slovak National Museum Terminology: **http://www.cemuz.sk/Welcome.do**
Slovenia	[List of subject headings, National and University Library]: **http://www.nuk.uni-lj.si/sssg/**
Spain	Las Reglas de Catalogación, Ed. nuevamente rev. Madrid: Ministerio de Educación y Cultura, Centro de Publicaciones, 1999
	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/**
	Lista de encabezamientos de materia para las bibliotecas públicas. -- 2ª ed. rev. -- Madrid : Dirección General del Libro y Bibliotecas, D.L. 1987.-- 333 p. ; 24 cm.-- ISBN 84-505-2836-4
	Ministerio de Cultura. Cataloguing rules: **http://www.mcu.es/publicaciones/MC/Reglas_Catalogacion/Presentacion.html**
	National Library Authorities Catalogue (for Spanish terms): **http://catalogo.bne.es/uhtbin/authoritybrowse.cgi**
	Subject Headings List For Public Libraries (EMBIPU), 1987: **http://www.mcu.es/bibliotecas/MC/LEMBP/index.html**
United Kingdom	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
	English Heritage Time Periods List: **http://www.fish-forum.info/i_apl.htm**

7 Published subject standards

Country	Standard
Austria	SWD (Schlagwortnormdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/swd.htm**
	RVK (Regensburger Verbundklassifikation): **http://www.bibliothek.uni-regensburg.de/rvko_neu/**
Belgium	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
	Getty. Art & Architecture Thesaurus (AAT) [in Dutch]: **http://www.aat-ned.nl**
	Iconclass: **http://www.iconclass.nl**
Bulgaria	UDC (Bulgarian version published by National Library)
Czech Republic	Národní knihovna České republiky (standards published by): **http://www.nkp.cz**
Denmark	DK5 (The Danish Decimal Classification 5th ed)
Finland	YSA: **http://vesa.lib.helsinki.fi/ysa/index.html** (Finnish Thesaurus)
	MASA: **http://www.nba.fi/fi/masaetusivu** (Museum Thesaurus)
	OCM - The Outline of Cultural Materials: **www.yale.edu/hraf/Ocm_xml/newOcm.xml**
	Valokuvan asiasanasto (Finnish thesaurus of photography): **http://www.fmp.fi/fmp_fi/muvieras/kirjasto/asiasan/index.htm**
France	RAMEAU: **http://rameau.bnf.fr/**
	Thesaurus W: **http://www.ladocumentationfrancaise.fr/catalogue/9782911601064/**
	Système descriptif de l'architecture (DAPA): **http://www.culture.gouv.fr/culture/inventai/extranet/sysdesc.htm**
	Système descriptif de l'illustration (DAPA): **http://www.culture.gouv.fr/culture/inventai/extranet/sysdesc.htm**
	Système descriptif des objets mobiliers (DAPA): **http://www.culture.gouv.fr/culture/inventai/extranet/sysdesc.htm**
	Thesaurus PACTOLS: **http://frantiq.mom.fr/html/pactols/pactols_doc.html**
	Thesaurus Garnier. "Thesaurus iconographique, système descriptif des représentations" (1984).
	Thesaurus, sujets représentés: **http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/** **AIDEMUSEES/telechargement.htm**
	Dictionary "Petit Robert".

Country	Standard
Germany	SWD (Schlagwortnormdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/swd.htm**
	Iconclass: **http://www.iconclass.nl**
Greece	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/**
	National Library of Greece Subject Headings
	The Thesaurus for Graphic Materials of the Library of Congress (LC TGM I & II): **http://www.loc.gov/rr/print/tgm1/** & **http://www.loc.gov/rr/print/tgm2/**
	The UNESCO Thesaurus: **http://databases.unesco.org/thesaurus**
Hungary	OSZK tezaurusz: **http://www.oszk.hu/hun/szakmai/tezaurusz/tezaurusz_index_hu.htm**
Italy	ICCD terminologies: **http://www.iccd.beniculturali.it/Catalogazione/standard-catalografici/strumenti_di_ausilio_e_di_controllo**
	Subject Headings issued by the Biblioteca Nazionale Centrale di Firenze: **http://www.bncf.firenze.sbn.it/progetti/Nuovo%20Soggettario**
	Ethnomusicology Thesaurus, under development
Latvia	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/**
	Authority database of The National Library of Latvia: **http://195.13.129.34:8991/F/VG437IKUQ384N5K12NQTX1J8G2K5EFA5VSG3VKLQDKUNU54PL4-00985?func=option-update-lng&P_CON_LNG=ENG**
Malta	Getty. Art & Architecture Thesaurus (AAT): **http://www.getty.edu/research/conducting_research/vocabularies/aat/**
Netherlands	Getty. Art & Architecture Thesaurus (AAT) [in Dutch]: **http://www.aat-ned.nl**
	Mardoc (focus on maritime collections, no longer maintained)
Norway	BIBBI authority: **http://www.bibsent.no/bibbi/bibbi_autoritet.aspx**
	DDC (Dewey Decimal Classification) Norwegian translation: Deweys desimalklassifikasjon / Melvil Dewey . - Oslo : Nasjonalbiblioteket , 2002 . - 2 b.
	Norske emneord . Alfabetisk del . - Oslo : Biblioteksentralen , 1996 . - 397 s. ISBN 82-7022-172-4 (h.) Norske emneord . Systematisk del . - Oslo : Biblioteksentralen , 1996 . - 331 s.ISBN 82-7022-181-3 (h.)
	Outline: **http://www.abm-utvikling.no/publisert/tidligere-utgivelser/nmu4-2001.pdf**
	Regimus feltkatalog for NKKMs EDB-Prosjekter: **http://gandalf.aksis.uib.no/regimus/feltkode.html**

Country	Standard
Poland	Standard SSWIM (Object ID) and standard compliant with statutory requirements (in accordance with legal regulations)
	JHP BN: **http://mak.bn.org.pl/w5.htm**
	JHP KABA: **http://www.nukat.edu.pl/nukat/pl/kaba.phtml?sm=5&poz=2&id=92**
	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/**
	Polska Klasyfikacja Tematyczna (Polish Thematic Classification): **http://kbn.icm.edu.pl/pub/kbn/docs/pkt.html**
	Słownik Kluczy Wyszukiwawczych Politechniki Wrocławskiej (Search keys dictionary of the Wrocław University of Technology)
Portugal	SIPORbase): **http://openlibrary.org/b/OL15173301M**
	UDC Consortium - CDU : Classificação Decimal Universal : tabela de autoridade / [ed. lit.] Biblioteca Nacional ; sel. e coord. Ana Cristina Almeida, Manuela Santos ; rev. R. Saraiva. 3ª ed. abreviada em língua portuguesa com base no Master Reference File do UDC Consortium. Lisboa : Biblioteca Nacional, 2005
Romania	Biblioteca Nationala a Romaniei: **http://www.bibnat.ro/lives.php**
Slovenia	International Code of Zoological Nomenclature: **http://www.iczn.org/iczn/index.jsp**
	GBIF: **http://www.gbif.org**
	EUNIS: **http://eunis.eea.europa.eu/index.jsp**
	ITIS: **http://www.itis.gov/index.html**
	BioCASE: **http://www.biocase.org**
	UDC: **http://www.nuk.uni-lj.si/udcmrf2006**
Spain	Authority Catalogue of CSIC Libraries: **http://aleph.csic.es/F?func=file&file_name=find-b&local_base=MAD10**
	Catalonian Library Subject Headings (for Catalan terms): **http://www.bnc.cat/catalegs/autoritats/lemac.php**
	Fundacion Sancho El Sabio (standards by): **http://www.fsancho-sabio.es/**
	Gobierno Vasco: **http://www.katalogoak.euskadi.net/aubi**
	Las Reglas de Catalogación, Ed. nuevamente rev. Madrid: Ministerio de Educación y Cultura, Centro de Publicaciones, 1999
	Library Congress Subject Headings (LCSH): **http://authorities.loc.gov/**

Country	Standard
Spain	Lista de encabezamientos de materia para las bibliotecas públicas. -- 2ª ed. rev. -- Madrid : Dirección General del Libro y Bibliotecas, D.L. 1987.-- 333 p. ; 24 cm.-- ISBN 84-505-2836-4
	National Library Authorities Catalogue (for Spanish terms): **http://catalogo.bne.es/uhtbin/authoritybrowse.cgi**
	REBIUN: **http://rebiun.crue.org/**
	Subject Headings List For Public Libraries (EMBIPU), 1987: **http://www.mcu.es/bibliotecas/MC/LEMBP/index.html**
Sweden	ClassMaster: **http://classmaster.kmmuseum.se**
	Libris: **http://libris.kb.se**
	NM-Klass: **http://www.kmmuseum.se/mastrar/nm-klass/**
	Outline: **http://www.abm-utvikling.no/publisert/tidligere-utgivelser/nmu4-2001.pdf**
	Svenska ämnesord (Swedish bibliographical system): **http://www.kb.se/katalogisering/Svenska-amnesord/**
United Kingdom	MDA Archaeological Object Names Thesaurus: **http://www.collectionstrust.org.uk/archobj/archcon.htm**
	The Thesaurus of Monuments Types, English Heritage, v2.0, 1998: **http://thesaurus.english-heritage.org.uk/thesaurus.asp?thes_no=1**
	SHIC (Social History and Industrial Classification), 2nd ed, MDA, 1996 [not digital yet]

8 Published person and organisation authorities

Country	Standard
Austria	PND (Personennamensdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/pnd.htm**
	GKD (Gemeinsame Körperschaftsdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/gkd.htm**
	Getty. Union List of Artist's Names (ULAN): **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**
	ACM: **http://www.acm.org/about/class/1998**
	EuroVoc 4.2: **http://europa.eu/eurovoc/sg/sga_doc/eurovoc_dif!SERVEUR/menu!prod!MENU?langue=DE**
	ÖFOS 2002: **http://www.statistik.at/kdb/pages/info_10515.html**
	PACS: **http://publish.aps.org/PACS**
Belgium	RKD (Artist for artist names): **http://www.rkd.nl/rkddb/**
	Linden, Stijn van der, De Heiligen, Saints, attributes, monastries,... Amsterdam/Antwerpen, 1999.
	Getty. Union List of Artist's Names (ULAN) [for foreign artists]: **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**
Bulgaria	UDC (Bulgarian version published by National Library)
Czech Republic	Národní knihovna České republiky (standards published by): **http://www.nkp.cz**
France	RAMEAU: **http://rameau.bnf.fr/informations/rameauenbref.htm**
	RAMEAU + Blanc-Montmayer adapté
	BNF: **http://catalogue.bnf.fr/**
	Thesaurus W: **http://www.ladocumentationfrancaise.fr/catalogue/9782911601064/**
	Vocabulary, list of authors: **http://www.culture.gouv.fr/documentation/joconde/fr/partenaires/AIDEMUSEES/telechargement.htm**
	Getty. Union List of Artist's Names (ULAN) [for foreign artists]: **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**
	Authority lists for the Institutions names, Musées de France, Muséofile: **http://www.culture.gouv.fr/documentation/museo/**
	E. Benezit. Dictionnaire des peintres sculpteurs dessinateurs et graveur

Country	Standard
Germany	SWD (Subject Headings Authority File): **http://www.d-nb.de/eng/standardisierung/normdateien/swd.htm**
	GKD (Gemeinsame Körperschaftsdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/gkd.htm**
	PND (Personennamensdatei Deutsche Nationalbibliothek): **http://www.d-nb.de/standardisierung/normdateien/pnd.htm**
	Allgemeines Künstlerlexikon (AKL; licensed, not public).
Greece	Getty. Union List of Artist's Names (ULAN) [for foreign artists]: **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**
	LCNA (Library of Congress Name Authority File); **http://authorities.loc.gov/**
	National Library of Greece - Person and organisation headings
Hungary	MSZ 3440-2:1988 Persons names: **http://www.mszt.hu/**
	MSZ 3440-3:1988 Organisations names: **http://www.mszt.hu/**
Italy	Regole italiane di catalogazione per autori (Italian national rules for author entries)
	ICCD standard - Scheda AUT: **http://www.iccd.beniculturali.it/Catalogazione/standard-catalografici/normative/scheda-aut-bib**
Latvia	LCNA (Library of Congress Name Authority File); **http://authorities.loc.gov/**
	Authority database of the National Library of Latvia: **http://195.13.129.34:8991/F/VG437IKUQ384N5K12NQTX1J8G2K5EFA5VSG3VKLQDKUNU54PL4-00985?func=option-update-lng&P_CON_LNG=ENG**
Malta	Getty. Union List of Artist's Names (ULAN): **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**
Netherlands	RKD&artists: **http://website.rkd.nl/Databases/RKDartists**
Norway	BIBBI authority: **http://www.bibsent.no/bibbi/bibbi_autoritet.aspx**
Poland	JHP KABA: **http://www.nukat.edu.pl/nukat/pl/kaba.phtml?sm=5&poz=2&id=92**
	JHP BN: **http://mak.bn.org.pl/w5.htm**
	KARO: **http://karo.umk.pl**
	LCNA (Library of Congress Name Authority File); **http://authorities.loc.gov/**
	Polish norm PN-N-01229:2002 Hasło opisu bibliograficznego - Hasło osobowe. Warszawa, 2002 (Personal terminology)
	Getty. Union List of Artist's Names (ULAN) [for foreign artists]: **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**

Country	Standard
Slovenia	LCNA (Library of Congress Name Authority File); **http://authorities.loc.gov/**
Spain	National Library Authorities Catalogue: **http://catalogo.bne.es/uhtbin/authoritybrowse.cgi**
	Catalonian Library List of name and title headings: **http://www.bnc.cat/catalegs/autoritats/lenoti.php**
	Directrices para registros de autoridad y referencias: anteriormente denominadas "Directrices para los asientos de autoridad y referencia". Madrid: Ministerio de Cultura, Secretaría General Técnica, 2004
	Fundacion Sancho El Sabio: **http://www.fsancho-sabio.es**
	Gobierno Vasco: **http://www.katalogoak.euskadi.net/aubi**
	Las Reglas de Catalogación, Ed. nuevamente rev. Madrid: Ministerio de Educación y Cultura, Centro de Publicaciones, 1999
	Library of Castile and Leon Authorities Catalogue: **http://www.jcyl.es/bibliotecas**
	LCNA (Library of Congress Name Authority File); **http://authorities.loc.gov/**
	REBIUN: **http://rebiun.crue.org/**
Sweden	Libris (authority files): **http://www.libris.kb.se**
United Kingdom	Getty. Union List of Artist's Names (ULAN): **http://www.getty.edu/research/conducting_research/vocabularies/ulan/**

9 Conclusions

From the contents of the directory the use of a published terminology source depends on one or more of the following:

- *Subject area* – Is there a suitable source covering the area being recorded available?
- *Language* – Is there a source in the organisation's main working language available?
- *National standard* – Is there a mandated standard source available?
- *International standard* – Is there an internationally recognised standard (usually *de facto*) available?

From the survey sample possible candidates for 'international standards' are those created by Getty (ATT, ULAN, and TGN), and possibly those by the Library of Congress.