Using LIDO

Linked Heritage Training Workshop

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- **Context**
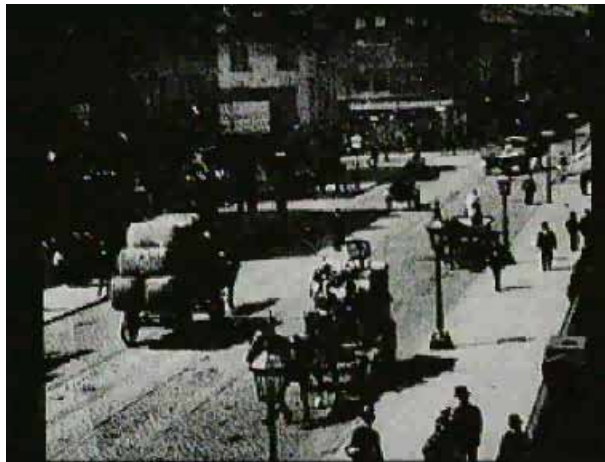- **SPECTRUM as a framework**
- **Mapping to LIDO**

Context

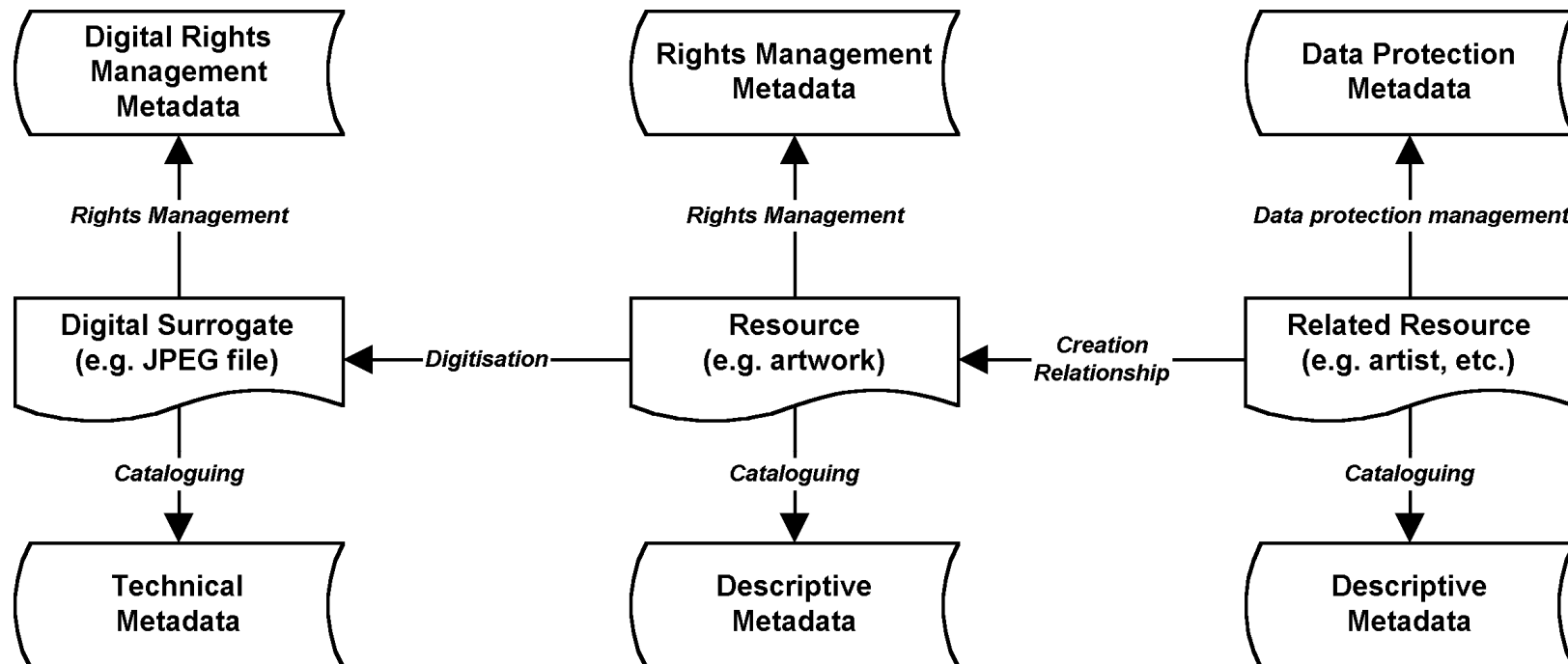# Context: An European[a] Example
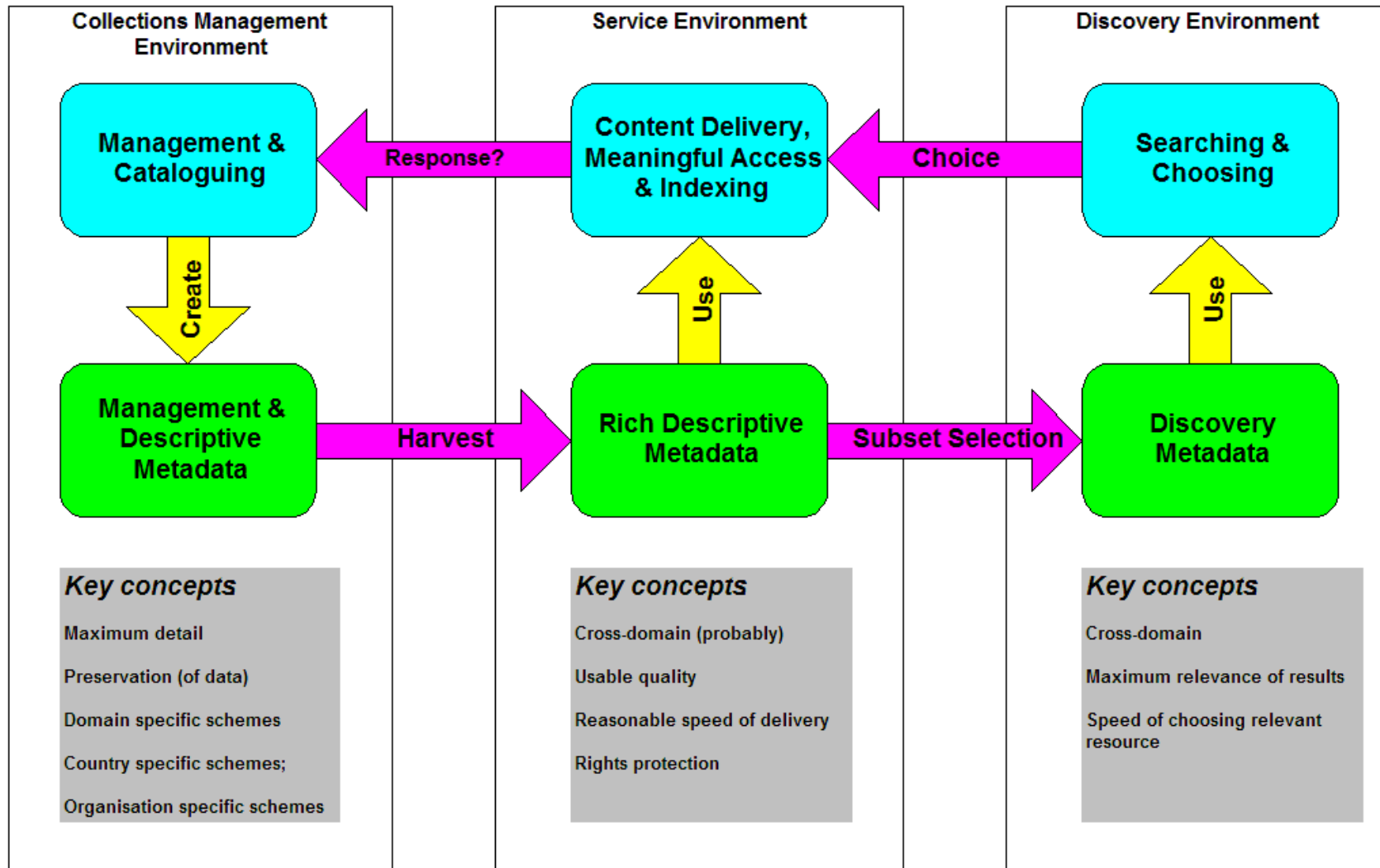

Louis Le Prince
(1842-1890)

'*Roundry Garden Scene*'

'*Leeds Bridge*'

Digital Rights Management Metadata	Rights Management Metadata	Data Protection Metadata
↑ *Rights Management*	↑ *Rights Management*	↑ *Data protection management*
Digital Surrogate (e.g. JPEG file)	← *Digitisation* — **Resource (e.g. artwork)** ← *Creation Relationship* — **Related Resource (e.g. artist, etc.)**	
↓ *Cataloguing*	↓ *Cataloguing*	↓ *Cataloguing*
Technical Metadata	Descriptive Metadata	Descriptive Metadata

Metadata use environments

Collections Management Environment

Management & Cataloguing

↓ Create

Management & Descriptive Metadata

Service Environment

Content Delivery, Meaningful Access & Indexing

↑ Use

Rich Descriptive Metadata

Discovery Environment

Searching & Choosing

↑ Use

Discovery Metadata

Response? ← Choice ←

Harvest → Subset Selection →

Key concepts

Maximum detail

Preservation (of data)

Domain specific schemes

Country specific schemes;

Organisation specific schemes

Key concepts

Cross-domain (probably)

Usable quality

Reasonable speed of delivery

Rights protection

Key concepts

Cross-domain

Maximum relevance of results

Speed of choosing relevant resource

Making the link with Europeana

Element	Definition and notes	Data requirements
isShownBy	An unambiguous URL reference to the digital object on the content provider's web site in the best available resolution/quality. (i.e. a link to the content as a text, image, sound, or video file **not** to the webpage with it on) Data here will allow the full functionality of Europeana and the automatic generation of a thumbnail by them. If this cannot be given then you **must** provide data for **isShownAt**.	Must be valid URI (e.g. URL)
isShownAt	An unambiguous URL reference to the digital object on the content provider's website in its full information context. If this cannot be given then you **must** provide data for **isShownBy**.	Must be valid URI (e.g. URL)
object	For image thumbnails, if you can give a URL to a thumbnail on your website then give that URL here. However these thumbnails smaller than 110 pixels high then it will be scaled up to that size by Europeana. If you do not have a thumbnail then you may give the same data as in **isShownby** element.	Must be valid URL
type	The Europeana material type of the resource.	Must be: TEXT or IMAGE or SOUND or VIDEO
provider	Name of the organisation that is delivering content to Europeana. If the **provider is not an aggregator** then use this element. If the **provider is an aggregator** then use this element for the name of the aggregator. For the name of the **provider to the aggregator** use the element **source**.	

SPECTRUM as a framework

- **Collections Management Standard**

  - Created **by** the museum community

- **Procedures**:

  - 21 collection management activities
    - What to do
    - What to record
    - Where to look for help

- **Information requirements**:

  - Information groups
    - Units of information

Museum Accreditation:

- Object entry
- Loans in
- **Acquisition**
- Location and movement control
- **Cataloguing**
- Loans out
- Object exit
- Retrospective documentation

Plus:

- Conservation and collections care
- Deaccession and disposal

- **Pre-entry**
- Inventory control
- Transport [large organisations]
- Object condition checking and technical assessment
- Risk management
- Insurance and indemnity management
- Valuation control
- Audit
- **Rights management**
- **Use of collections**
- Loss and damage

- Groups of related Units of information
- Recording information about:

  - Objects (**historical** & managerial)
  - Procedures (themselves) [*Acquisition*]
  - Addresses
  - **Dates**
  - Locations (in the organisation)
  - **Organisations**
  - **Peoples** (ethnographic)
  - **Persons**
  - **Places**
  - Record management

Relevant Information groups

- Object identification information
- Object collection information
- Object production information
- Object description information
- Object history and association information
- Object rights information
- Acquisition information
- Use of collections information
- Reference information
- Date information
- Organisation information
- Person information
- Place information

Mapping to LIDO

Object identification information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Object number	[Object Identification] ⇨ repositoryWrap ⇨ repositorySet ⇨ **workID** (no **type** attribute)
Other number	[Object Identification] ⇨ repositoryWrap ⇨ repositorySet ⇨ **workID** (**type** attribute = data from *Other number type* Unit)
Other number type	[See above]
Brief description	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (no **type** attribute) ⇨ **descriptiveNoteValue**
Comments	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (**type** attribute = 'Comments') ⇨ **descriptiveNoteValue**
Distinguishing features	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (**type** attribute = 'Distinguishing-features') ⇨ **descriptiveNoteValue**
Number of objects	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (**type** attribute = 'Number-of-objects') ⇨ **descriptiveNoteValue**
Object name [if no title only]	[Object Identification] ⇨ titleWrap ⇨ titleSet ⇨ **appellationValue**
Object name	[Object Classification] ⇨ objectWorkTypeWrap ⇨ objectWorkType ⇨ **term**
Title	[Object Identification] ⇨ titleWrap ⇨ titleSet ⇨ **appellationValue**

Object production information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
[SPECTRUM event type term]	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term** (with data = 'creation')

Object production date [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Object production date [earliest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Object production date [latest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Object production date [period]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ periodName ⇨ **term**
Object production organisation [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Object production organisation [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See ***Organisation information*** group below]
Object production people	[Event] ⇨ eventSet ⇨ event ⇨ culture ⇨ **term**
Object production person [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Object production person [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See ***Person information*** group below]
Object production place [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ **displayPlace**
Object production place [controlled – for each term]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ namePlaceSet ⇨ **appellationValue**
Technique	[Event] ⇨ eventSet ⇨ event ⇨ eventMaterialsTech ⇨ materialsTech ⇨ termMaterialsTech (attribute **type** = 'Technique') ⇨ **term**

Object collection information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
[SPECTRUM event type term]	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term** (with data = 'collecting' or 'finding' or 'excavation')

Field collection date [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Field collection date [earliest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Field collection date [latest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Field collection date [Date - period]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ periodName ⇨ **term**
Field collection event name	[Event] ⇨ eventSet ⇨ event ⇨ eventName ⇨ **appellationValue**
Field collection event reference number	[Event] ⇨ eventSet ⇨ event ⇨ **eventID**
Field collection method	[Event] ⇨ eventSet ⇨ event ⇨ eventMethod ⇨ **term**
Field collection number	[Object Identification] ⇨ repositoryWrap ⇨ repositorySet ⇨ **workID** (**type** attribute = 'Field-collection-number')
Field collection place [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ **displayPlace**
Field collection place [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ [See *Place information* group below]
Field collector (Org or Per) [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Field collector (Org or Per) [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See *Organisation information* or *Person information* groups below]
Geological complex name	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ placeClassification (**type** attribute = 'Geological-complex') ⇨ **term**
Habitat	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ placeClassification (**type** attribute = 'Habitat') ⇨ **term**
Stratigraphic unit name	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ placeClassification (**type** attribute = 'Stratigraphic-unit') ⇨ **term**

Object description information 1

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Age	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Age')
Colour	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Colour')

Content - activity	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectConcept ⇨**term** (attribute **type** = 'Content-activity')
Content - concept	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectConcept ⇨**term** (attribute **type** = 'Content-concept')
Content - date [simple string]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectDate ⇨ **displayDate**
Content - date [earliest]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectDate ⇨ date ⇨**earliestDate**
Content - date [latest]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectDate ⇨ date ⇨ **latestDate**
Content - date [period]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectDate ⇨ date ⇨ periodName ⇨ **term**
Content - description	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ **displaySubject**
Content - event name	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectEvent ⇨ event ⇨ eventName ⇨ **appellationValue**
Content - note	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ **displaySubject** (attribute **label** = 'Content-note')
Content - object	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectObject ⇨ object ⇨**objectNote**

Object description information 2

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Content - organisation [simple string]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectActor ⇨ **displayActor**
Content - organisation [analysed]	[Object Relations] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectActor ⇨ actor ⇨ [see ***Organisation Information*** group below]
Content - other	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ **displaySubject**
Content - people	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectConcept (attribute **type** = 'Culture') ⇨**term**
Content - person [simple string]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectActor ⇨ **displayActor**
Content - person [analysed]	[Object Relations] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectActor ⇨ actor ⇨ [see ***Organisation Information*** group below]
Content - place [simple string]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectPlace ⇨ **displayPlace**
Content - place [controlled terms]	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectPlace ⇨ place ⇨ namePlaceSet ⇨ **appellationValue** [see also ***Place Information*** group below]
Content - position	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨**extentSubject**
Content note	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ **displaySubject** (attribute **label** = 'Content-note')

Copy number	[Object Identification] ⇨ displayStateEditionWrap ⇨ **displayEdition** (attribute **label** = 'Copy-number')

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
[single string for dimensions]	[Object Identification] ⇨objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ **displayObjectMeasurements**
Dimension [for each dimension of each part]	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementType**
Dimension measured part	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨**extentMeasurements**
Dimension value	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementValue**
Dimension measurement unit	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementUnit**
Dimension value qualifier	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨**qualifierMeasurements**
Edition number	[Object Identification] ⇨ displayStateEditionWrap ⇨ **displayEdition** (attribute **label** = 'Edition-number')
Form	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Form')

Inscription description	[Object Identification] ⇨ inscriptionsWrap ⇨ inscriptions ⇨ inscriptionDescription ⇨ **descriptiveNoteValue**
Inscription transcription	[Object Identification] ⇨ inscriptionsWrap⇨ inscriptions ⇨ inscriptionTranscription ⇨ **descriptiveNoteValue**

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Material	[Event] ⇨ eventSet ⇨ event ⇨ eventMaterialsTech ⇨ materialsTech ⇨ termMaterialsTech (attribute **type** = 'material') ⇨ **term**
Object status	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Object-status')
Phase	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Phase')
Physical description	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (**type** attribute = 'Physical-description') ⇨ **descriptiveNoteValue**
Sex	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Sex')
Style	[Object Classification] ⇨ classificationWrap ⇨ classification ⇨ **term** (attribute **type** = 'Style')

[single string for technical attributes]	[Object Identification] ⇨objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ **displayObjectMeasurements**
Technical attribute	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementType**
Technical attribute measurement	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementValue**
Technical attribute measurement unit	[Object Identification] ⇨ objectMeasurementsWrap ⇨objectMeasurementsSet ⇨ objectMeasurements ⇨ measurementsSet ⇨ **measurementUnit**

Object history and association information 1

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Association type	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term**
Association note	[Event] ⇨ eventSet ⇨ event ⇨ eventDescriptionSet ⇨ **descriptiveNoteValue**
Associated activity	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectConcept (attribute **type** = 'Associated-activity') ⇨**term**
Associated concept	[Object Relation] ⇨ subjectWrap ⇨ subjectSet ⇨ subject ⇨ subjectConcept (attribute **type** = 'Associated-concept') ⇨**term**
Associated cultural affinity	[Event] ⇨ eventSet ⇨ event ⇨ culture ⇨ **term**
Associated date [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Associated date [earliest]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Associated date [latest]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Associated date [period]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ periodName ⇨ **term**

Associated event date [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Associated event date [earliest]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Associated event date [latest]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Associated event date [period]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ periodName ⇨ **term**
Associated event name	[Event] ⇨ eventSet ⇨ event ⇨ eventName ⇨ **appellationValue**
Associated event organisation [single string]	[Event] ⇨ eventSet ⇨ event ⇨ actorInRole ⇨ **displayActorInRole**
Associated event people [single string]	[Event] ⇨ eventSet ⇨ event ⇨ culture ⇨ **term**

Object history and association information 2

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Associated event person [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Associated event person [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See ***Person information*** group below]
Associated event place [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ **displayPlace**
Associated event place [controlled terms]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ namePlaceSet ⇨ **appellationValue** [see also ***Place Information*** group below]

Associated object	[Event] ⇨ eventSet ⇨ event ⇨ thingPresent ⇨ **displayObject**
Associated organisation [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Associated organisation [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See ***Organisation information*** group below]
Associated people	[Event] ⇨ eventSet ⇨ event ⇨ culture ⇨ **term**
Associated place [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ **displayPlace**
Associated place [controlled terms]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ namePlaceSet ⇨ **appellationValue** [see also ***Place Information*** group below]

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Object history note	[Object Identification] ⇨ objectDescriptionWrap ⇨ objectDescriptionSet (**type** attribute = 'Object-history-note') ⇨ **descriptiveNoteValue**

[SPECTRUM event type term]	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term** (with data = 'ownership')
Owner (Org or Per) [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ **displayActorInRole**
Owner (Org or Per) [analysed]	[Event] ⇨ eventSet ⇨ event ⇨ eventActor ⇨ actorInRole ⇨ actor ⇨ [See **Organisation information** or **Person information** groups below]
Ownership dates [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Ownership dates [earliest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Ownership dates [latest date]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Ownership dates [period]	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ periodName ⇨ **term**
Ownership place [single string]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ **displayPlace**
Ownership place [controlled – for each term]	[Event] ⇨ eventSet ⇨ event ⇨ eventPlace ⇨ place ⇨ namePlaceSet ⇨ **appellationValue** [see also **Place Information** group below]
Related object number	[Event] ⇨ eventSet ⇨ event ⇨ thingPresent ⇨ object ⇨ **objectID**

Object rights information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Right begin date	[Rights Work] ⇨ rightsWorkSet ⇨ rightsDate ⇨ **earliestDate**
Right holder (Org, Peo, Per)	[Rights Work] ⇨ rightsWorkSet ⇨ rightsHolder ⇨ legalBodyName ⇨ **appellationValue**
Right type [usually copyright here]	[Rights Work] ⇨ rightsWorkSet ⇨ **rightsType**
[Credit line referring to copyright in general]	[Rights Work] ⇨ rightsWorkSet ⇨ **creditLine**

Acquisition information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
[SPECTRUM event type term]	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term** (with data = 'acquisition')
Acquisition date	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ **displayDate**
Acquisition method	[Event] ⇨ eventSet ⇨ event ⇨ eventMethod ⇨ **term**

Use of collections information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
[SPECTRUM event type term]	[Event] ⇨ eventSet ⇨ event ⇨ eventType ⇨ **term** (with data = 'exhibition')

Exhibition reference number	[Event] ⇨ eventSet ⇨ event ⇨ **eventID**
Exhibition begin date	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **earliestDate**
Exhibition end date	[Event] ⇨ eventSet ⇨ event ⇨ eventDate ⇨ date ⇨ **latestDate**
Exhibition title	[Event] ⇨ eventSet ⇨ event ⇨ eventName ⇨ **appellationValue**
Venue (Org)	[Event] ⇨ eventSet ⇨ event ⇨ actorInRole ⇨ **displayActorInRole**

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Reference [for online digital image of the object]	[Resource] ⇨ resourceSet ⇨ resourceRepresentation (**type** attribute = image_master) ⇨ **linkResource** **AND** [Resource] ⇨ resourceSet ⇨ **resourceType** [with data = 'Digital Image']
Reference [for online web page containing digital image of the object in context]	[Record] ⇨ recordInfoSet ⇨ **recordInfoLink**

Reference [for online suitable thumbnail digital image of the object]	[Resource] ⇨ resourceSet ⇨ resourceRepresentation (**type** attribute = image_thumb) ⇨ **linkResource** **AND** [Resource] ⇨ resourceSet ⇨ **resourceType** [with data = 'Digital Image']

Catalogue number	[Object Identification] ⇨ displayStateEditionWrap ⇨ **displayEdition** (attribute **label** = 'Catalogue-number')

Date information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Date - earliest/single	[Wrapper elements] ⇨ date ⇨ **earliestDate**
Date - latest	[Wrapper elements] ⇨ date ⇨ **latestDate**
Date - period	[Wrapper elements] ⇨ date ⇨ periodName ⇨ **term**

Organisation information

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Organisation's additions to name	[Wrapper elements] ⇨ actor ⇨ nameActorSet ⇨ **appellationValue** (attribute **type** = 'Additions-to-name')
Organisation's dissolution date	[Wrapper elements] ⇨ actor ⇨ vitalDatesActor ⇨ latestDate (attribute **type** = 'dissolution-date')
Organisation's foundation date	[Wrapper elements] ⇨ actor ⇨ vitalDatesActor ⇨ earliestDate (attribute **type** = 'foundation-date')
Organisation's foundation place	[Wrapper elements] ⇨ actor ⇨ nationalityActor ⇨ **term**
Organisation's reference number	[Wrapper elements] ⇨ actor ⇨ **actorID**

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Person's additions to name	[Wrapper elements] ⇨ actor ⇨ nameActorSet ⇨ **appellationValue** (attribute **type** = 'Additions-to-name')
Person's association	[Wrapper elements] ⇨ actor ⇨ roleActor ⇨ **term**
Person's birth date	[Wrapper elements] ⇨ actor ⇨ vitalDatesActor ⇨ earliestDate (attribute **type** = 'birth-date')
Person's death date	[Wrapper elements] ⇨ actor ⇨ vitalDatesActor ⇨ latestDate (attribute **type** = 'death-date')
Person's forenames	[Wrapper elements] ⇨ actor ⇨ nameActorSet ⇨ **appellationValue** (attribute **type** = 'Forenames')
Person's gender	[Wrapper elements] ⇨ actor ⇨ **genderActor**
Person's group	[Wrapper elements] ⇨ actor ⇨ nationalityActor ⇨ **term** (attribute **label** = 'Cultural-group')
Person's nationality	[Wrapper elements] ⇨ actor ⇨ nationalityActor ⇨ **term**
Person's reference number	[Wrapper elements] ⇨ actor ⇨ **actorID**
Person's surname	[Wrapper elements] ⇨ actor ⇨ nameActorSet ⇨ **appellationValue** (attribute **type** = 'Surname')
Person's title	[Wrapper elements] ⇨ actor ⇨ nameActorSet ⇨ **appellationValue** (attribute **type** = 'Title')

SPECTRUM Unit of information	LIDO elements path in the ATHENA system – element containing data in bold
Place name	[Wrapper elements] ⇨ place ⇨ namePlaceSet ⇨ **appellationValue** (attribute **type** = [data from *Place name type* Unit])
Place name type	[see above]
Place reference number	[Wrapper elements] ⇨ place ⇨ **placeID** (attribute **type** = [data from *Place reference number type* Unit])
Place reference number type	[see above]

ESE provider and source elements

Content from an organisation (not an aggregator):

Data	LIDO elements path in the Linked Heritage system – element containing data in bold
Name of the organisation	[Record] ⇨ recordSource ⇨ legalBodyName ⇨ **appellationValue**

Content from an aggregator with many source organisations:

Data	LIDO elements path in the Linked Heritage system – element containing data in bold
Name of the aggregator	[Record] ⇨ recordSource (attribute **type** = 'aggregator') ⇨ legalBodyName ⇨ **appellationValue**
Name of the source organisation	[Object Identification] ⇨ repositoryWrap ⇨ repositorySet ⇨ repositoryName ⇨ legalBodyName ⇨ **appellationValue**