

## WP10 - Work package description

Work package number	WP10
Type of activity	RTD
Work package title	LifeWatch Pipeline
Start month	1
End month	36
Lead beneficiary number	7

### Objectives:

To prototype, make available for test, and implement certain components for ongoing usage in collaboration with WP 2. In WP2 these components will be designed in collaboration and integration with the rest of the project, scoped, tested and accepted for service.

They are:

- 1) a pipeline for pulling the Catalogue of Life synonymic species checklist and its taxonomic hierarchy into the EDIT Cyberplatform at an agreed frequency.
- 2) structural components needed to make the CoL in the EDIT Cyberplatform available as a standard LifeWatch GRID-service, as specified in the LifeWatch Technical Annex 1.

### Description of work and role of partners:

All tasks in this work package undertaken by Partner 7 in collaboration with WP2.

#### Task 10.1

Create a technical pipeline interface specification for information flow from the CoL checklist and hierarchy into EDIT Cyberplatform instances; make it available to WP2 for test; respond to improvement requests; and establish it in the ongoing service software of the EDIT Cyberplatform:

- using agreed refreshment cycles,
- using specified CoL service definitions, meeting CoL standard credit requirements, meeting EDIT Cyberplatform functional requirements.

#### Task 10.2

Implementation of CoL to EDIT pipeline prototype based on interface Specification, and available for testing by WP2.

#### Task 10.3

Fully functional CoL to Edit Pipeline up and running as a Service.

#### Task 10.4

Create the LifeWatch conformant Service components needed to serve the CoL in EDIT Cyberplatform as a service within the emerging LifeWatch Programme.

#### Person-Months per Participant:

Participant number	Participant short name	Person-months per participant
7	FUB-BGBM	9.00
	Total	9.00

#### List of deliverables:

Deliverable Number	Deliverable Title	Lead Beneficiary number	Estimated indicative person-months	Nature	Dissemination level	Delivery date
D10.1	LifeWatch conformant Service	7	9.00	D	PP	24
		Total	9.00			

#### Description of deliverables:

D10.1) LifeWatch conformant Service: LifeWatch conformant Service Components set up and deployed (Service & Demonstrator).

[month 24]

#### Schedule of relevant Milestones:

Milestone number	Milestone name	Lead Beneficiary number	Delivery date from Annex I	Comments
MS9	CoL to EDIT Interface Specification available [Wiki site]	7	9	
MS25	CoL to EDIT Pipeline Prototype in Test	7	18	For test in WP2.
MS31	Initial implementations linking CoL services reported to WP2	7	20	