



**Connecting Europe Facility 2014-2020**

**TELECOM CALLS FOR PROPOSALS 2018**

## **APPLICATION FORM**

### **PART A**

**General information**

**Title of the proposed  
action**

**Linking Biodiversity and Culture Information -  
LinBi**

**TENtec number**

**28014626**

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A1**

TENtec proposal number DRAFT (28014626)

## General information on the proposal

Call for proposals	CEF-TC-2018-1 - Europeana		
Call priority	Not applicable		
Call sub-priority	Not applicable		
Title of the proposed Action	Linking Biodiversity and Culture Information - LinBi		
Proposal type	Not applicable		
Start date of the proposed Action	01/01/2019	End date of the proposed Action	30/06/2020

### Scope and objectives of the proposed Action

LinBi, Linking Biodiversity and Culture Information, aims to (1) enhance discoverability/reuse of existing biodiversity objects within Europeana, creating (2) a new aggregation pathway to Europeana for biodiversity content while (3) additionally delivering approximately 1.3 million new biodiversity objects.

Europeana's biodiversity content includes a huge amount of herbarium information, natural history objects, museum objects, animal sound data and video. These 8.8 million objects are overwhelmingly described by scientific data which is well understood by experts but which represents a barrier to use by non-expert communities. This barrier leads to low discoverability, exploitation and re-use of content. LinBi aims to bridge the gap by providing new methods of linking information objects. The project will connect Europeana's biodiversity content with existing related content of various formats including video, audio, graphics, photographs and text. In addition, LinBi will bring 1.3 million new high-quality data objects (already digitised) into Europeana. LinBi will thus increase awareness of biodiversity content for new user groups from a variety of communities of interest. The project will significantly enhance the availability of material of important cultural value, in addition to highlighting recent research activities and developing novel techniques for content presentation.

The project activities will introduce a new aggregation pathway to Europeana for enhanced content and enrichment objects. Guidelines for data delivery of enrichment objects linked to nature films, audio snippets, music, images and drawings will contribute to the capacity-building of cultural and natural heritage institutions and professionals. The data will be ingested via the existing OpenUp! natural history aggregator, ensuring the integration of common names and geographic information. New vocabularies will also be integrated where appropriate. The enhanced multimedia data experience will be showcased in an exemplary LinBi collection.

#### Target Users/Communities of interest:

Cultural and natural history community  
Researchers (biodiversity, cultural heritage)  
Educational content providers  
Broadcasters/journalists, multimedia content producers and providers  
Nature parks, preservation centres  
Museums, private collectors, botanical gardens  
Educators, students  
Policy Makers, Industry, SMEs  
General public, nature lovers

#### Project Consortium:

RBB: Rundfunk Berlin-Brandenburg (Coordination) (DE)  
AIT: Angewandte Informationstechnik Forschungsgesellschaft mbH (OpenUp!) (AT)  
CSIC: Royal Botanic Garden of Madrid (ES)  
BGM: Botanic Garden of Meise (BE)  
NHMV: Natural History Museum Vienna (AT)

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2**

TENtec proposal number DRAFT (28014626)

## List of applicants

Applicant no.	Applicant legal name	Legal status	Country
1	Rundfunk Berlin-Brandenburg	Public sector undertaking or body established in the EU/EEA	Germany
2	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	Private sector undertaking or body established in the EU/EEA	Austria
3	Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	Public sector undertaking or body established in the EU/EEA	Spain
4	Agentschap Plantentuin Meise	Public sector undertaking or body established in the EU/EEA	Belgium
5	Natural History Museum Vienna	Public sector undertaking or body established in the EU/EEA	Austria

## Coordinating applicant

Rundfunk Berlin-Brandenburg

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.1**

TENtec proposal number	DRAFT (28014626)	Applicant no.	1
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## Applicant

Applicant's legal name	Rundfunk Berlin-Brandenburg
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Legal address	
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Street name	Masurenallee	Number	8-14
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City	Berlin
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Postal code	14057
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Country	Germany
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## Legal status of the applicant

Applicant legal status	Public sector undertaking or body established in the EU/EEA
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Does the applicant have the legal personality in accordance with the applicable national legislation?

YES

NO

If NO, then applicants must upload the statutes of the applicant (or the relevant abstract) as a supporting document to the application form to demonstrate that the representative of the applicant has the capacity to undertake legal obligations on its behalf.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.2**

TENtec proposal number	DRAFT (28014626)	Applicant no.	1
Applicant's legal name	Rundfunk Berlin-Brandenburg		

## Contact points

Person in charge (first point of contact for the EU, if necessary)			
Last name	Theurer	First name(s)	Johannes
Function	Coordinator		
Is the address different from the legal address?			NO
Street name	Masurenallee	Number	8-14
City	Berlin		
Postal code	14057		
Country	Germany		
Phone	+49 30 97993 35370		
Email	johannes.theurer@rbb-online.de		

Representative authorised to sign this application			
Last name	Spading	First name(s)	Michael
Function	Acting Director of Production and Operations		
Is the address different from the legal address?			NO
Street name	Masurenallee	Number	8-14
City	Berlin		
Postal code	14057		
Country	Germany		
Phone	+49 331 97993 50000		
Email	prod-direktion@rbb-online.de		

Date	
Signature	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

# A2.3

TENtec proposal number	DRAFT (28014626)	Applicant no.	1
Applicant's legal name	Rundfunk Berlin-Brandenburg		

## EU Member State Approval

Ministry's legal name	Bundesregierung für Kultur und Medien		
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Legal address			
Street name	Koethener Straße	Number	2
City	Berlin		
Postal code	10963		
Country	Germany		

Representative authorised to sign this proposal			
Last name	Engelhardt	First name(s)	Sophie
Function	Beauftragte der Bundesregierung für Kultur und Medien		
Is the address different from the legal address?	YES/NO	NO	
Street name	Koethener Straße	Number	2
City	Berlin		
Postal code	10963		
Country	Germany		
Phone	+49 3018 681 44321		
Email	sophie.engelhardt@bkm.bund.de		

Date	
Signature of the competent EU Member State Ministry	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.4**

TENtec proposal number	DRAFT (28014626)	Applicant no.	1
Applicant's legal name	Rundfunk Berlin-Brandenburg		

## Affiliated Entities

There are no affiliated entities designated by the applicant.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.1**

TENtec proposal number	DRAFT (28014626)	Applicant no.	2
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## Applicant

Applicant's legal name	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH		
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Legal address			
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Street name	Klosterwiesgasse	Number	32
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City	Graz		
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Postal code	8010		
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Country	Austria		
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## Legal status of the applicant

Applicant legal status	Private sector undertaking or body established in the EU/EEA		
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Does the applicant have the legal personality in accordance with the applicable national legislation?

YES

NO

If NO, then applicants must upload the statutes of the applicant (or the relevant abstract) as a supporting document to the application form to demonstrate that the representative of the applicant has the capacity to undertake legal obligations on its behalf.



# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.2**

TENtec proposal number	DRAFT (28014626)	Applicant no.	2
Applicant's legal name	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH		


## Contact points

Person in charge (first point of contact for the EU, if necessary)			
Last name	Koch	First name(s)	Walter
Function	Scientific Director		
Is the address different from the legal address?			NO
Street name	Klosterwiesgasse	Number	32
City	Graz		
Postal code	8010		
Country	Austria		
Phone	+43 316 835359 71		
Email	kochw@ait.co.at		

Representative authorised to sign this application			
Last name	Koch	First name(s)	Gerda
Function	CEO		
Is the address different from the legal address?			NO
Street name	Klosterwiesgasse	Number	32
City	Graz		
Postal code	8010		
Country	Austria		
Phone	+43 316 835359		
Email	kochg@ait.co.at		

Date	
Signature	

# Application Form Part A

	EUROPEAN COMMISSION	CONNECTING EUROPE FACILITY: TELECOM	<b>A2.3</b>
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TENtec proposal number	DRAFT (28014626)	Applicant no.	2
Applicant's legal name	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH		

## EU Member State Approval

Ministry's legal name	Bundesministerium für Verkehr, Innovation und Technologie Sektion II, Stabstelle IKI		
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Legal address			
Street name	Radetzkystraße	Number	2
City	Wien		
Postal code	1030		
Country	Austria		

Representative authorised to sign this proposal			
Last name	Ruzicka	First name(s)	Alfred
Function	Section II, Stabstelle Informations- und Kommunikationsinfrastruktur (IKI)		
Is the address different from the legal address?	YES/NO	NO	
Street name	Radetzkystraße	Number	2
City	Wien		
Postal code	1030		
Country	Austria		
Phone	+43 1 71162 658920		
Email	alfred.ruzicka@bmvit.gv.at		

Date	
Signature of the competent EU Member State Ministry	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.4**

TENtec proposal number	DRAFT (28014626)	Applicant no.	2
Applicant's legal name	AIT Angewandte Informationstechnik Forschungsgesellschaft mbH		

## Affiliated Entities

There are no affiliated entities designated by the applicant.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.1**

TENtec proposal number	DRAFT (28014626)	Applicant no.	3
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## Applicant

Applicant's legal name	Agencia Estatal Consejo Superior de Investigaciones Scientificas (CSIC)		
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Legal address			
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Street name	c/Serrano	Number	117
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City	Madrid		
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Postal code	28006		
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Country	Spain		
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## Legal status of the applicant

Applicant legal status	Public sector undertaking or body established in the EU/EEA		
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Does the applicant have the legal personality in accordance with the applicable national legislation?

YES

NO

If NO, then applicants must upload the statutes of the applicant (or the relevant abstract) as a supporting document to the application form to demonstrate that the representative of the applicant has the capacity to undertake legal obligations on its behalf.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.2**

TENtec proposal number	DRAFT (28014626)	Applicant no.	3
Applicant's legal name	Agencia Estatal Consejo Superior de Investigaciones Scientificas (CSIC)		

## Contact points

Person in charge (first point of contact for the EU, if necessary)			
Last name	Alonso	First name(s)	Félix
Function	Head of the Library		
Is the address different from the legal address?			NO
Street name	c/Serrano	Number	117
City	Madrid		
Postal code	28006		
Country	Spain		
Phone	+0034 914203017		
Email	felix.alonso@rjb.csic.es		

Representative authorised to sign this application			
Last name	Marco de Lucas	First name(s)	Jesús
Function	Vice-President for Scientific & Technical Research		
Is the address different from the legal address?			NO
Street name	c/Serrano	Number	117
City	Madrid		
Postal code	28006		
Country	Spain		
Phone	+0034 914203017		
Email	Direccion.rjb@csic.es		

Date	
Signature	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.3**

TENtec proposal number	DRAFT (28014626)	Applicant no.	3
Applicant's legal name	Agencia Estatal Consejo Superior de Investigaciones Scientificas (CSIC)		

## EU Member State Approval

Ministry's legal name	Ministerio de Educación, Cultura y Deporte		
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Legal address			
Street name	c/Alcala	Number	34
City	Madrid		
Postal code	28071		
Country	Spain		

Representative authorised to sign this proposal			
Last name	Lafuente Batanero	First name(s)	Luis
Function	Director General de Bellas Artes y Patrimonio Cultural		
Is the address different from the legal address?	YES/NO	NO	
Street name	c/Alcala	Number	34
City	Madrid		
Postal code	28071		
Country	Spain		
Phone	917017262		
Email	secretaria.bellasartes@mecd.es		

Date	
Signature of the competent EU Member State Ministry	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.4**

TENtec proposal number	DRAFT (28014626)	Applicant no.	3
Applicant's legal name	Agencia Estatal Consejo Superior de Investigaciones Scientificas (CSIC)		

## Affiliated Entities

There are no affiliated entities designated by the applicant.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.1**

TENtec proposal number	DRAFT (28014626)	Applicant no.	4
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## Applicant

Applicant's legal name	Agentschap Plantentuin Meise		
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Legal address			
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Street name	Nieuwelaan	Number	38
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City	Meise		
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Postal code	1860		
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Country	Belgium		
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## Legal status of the applicant

Applicant legal status	Public sector undertaking or body established in the EU/EEA		
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Does the applicant have the legal personality in accordance with the applicable national legislation?

YES

NO

If NO, then applicants must upload the statutes of the applicant (or the relevant abstract) as a supporting document to the application form to demonstrate that the representative of the applicant has the capacity to undertake legal obligations on its behalf.



# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.2**

TENtec proposal number	DRAFT (28014626)	Applicant no.	4
Applicant's legal name	Agentschap Plantentuin Meise		

## Contact points

Person in charge (first point of contact for the EU, if necessary)			
Last name	Mergen	First name(s)	Patricia
Function	Liasion Officer		
Is the address different from the legal address?			YES
Street name	Bouchot Domain, Nieuwelaan	Number	38
City	Meise		
Postal code	1860		
Country	Belgium		
Phone	+32 473 66 01 85		
Email	patricia.mergen@plantentuinmeise.be		

Representative authorised to sign this application			
Last name	Dessein	First name(s)	Steven
Function	CEO		
Is the address different from the legal address?			YES
Street name	Bouchot Domain, Nieuwelaan	Number	38
City	Meise		
Postal code	1860		
Country	Belgium		
Phone	+32 2260 09 26		
Email	steven.dessein@plantentuinmeise.be		

Date	
Signature	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.3**

TENtec proposal number	DRAFT (28014626)	Applicant no.	4
Applicant's legal name	Agentschap Plantentuin Meise		

## EU Member State Approval

Ministry's legal name	FPS Economy, SMEs, Self-employed and Energy		
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Legal address			
Street name	Rue de Progrés	Number	50
City	Brussels		
Postal code	1210		
Country	Belgium		

Representative authorised to sign this proposal			
Last name	Waterbley	First name(s)	Séverine
Function	Director-General of the Directorate for Economic Regulation		
Is the address different from the legal address?		YES/NO	NO
Street name	Rue de Progrés	Number	50
City	Brussels		
Postal code	1210		
Country	Belgium		
Phone	+32 2 277 9011		
Email	pie.contact@economie.fsov.be		

Date	
Signature of the competent EU Member State Ministry	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.4**

TENtec proposal number	DRAFT (28014626)	Applicant no.	4
Applicant's legal name	Agentschap Plantentuin Meise		

## Affiliated Entities

There are no affiliated entities designated by the applicant.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.1**

TENtec proposal number	DRAFT (28014626)	Applicant no.	5
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## Applicant

Applicant's legal name	Natural History Museum Vienna
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Legal address	
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Street name	Burgring	Number	7
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City	Vienna
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Postal code	1010
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Country	Austria
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## Legal status of the applicant

Applicant legal status	Public sector undertaking or body established in the EU/EEA
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Does the applicant have the legal personality in accordance with the applicable national legislation?

YES

NO

If NO, then applicants must upload the statutes of the applicant (or the relevant abstract) as a supporting document to the application form to demonstrate that the representative of the applicant has the capacity to undertake legal obligations on its behalf.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.2**

TENtec proposal number	DRAFT (28014626)	Applicant no.	5
Applicant's legal name	Natural History Museum Vienna		

## Contact points

Person in charge (first point of contact for the EU, if necessary)			
Last name	Rainer	First name(s)	Heimo
Function	Curator Botany Department		
Is the address different from the legal address?			NO
Street name	Burgring	Number	7
City	Vienna		
Postal code	1010		
Country	Austria		
Phone	+43 1 52177-560		
Email	heimo.rainer@nhm-wien.ac.at		

Representative authorised to sign this application			
Last name	Kritscher	First name(s)	Herbert
Function	Vice Director / Chief Financial Officer		
Is the address different from the legal address?			NO
Street name	Burgring	Number	7
City	Vienna		
Postal code	1010		
Country	Austria		
Phone	+43 1 52177-201		
Email	herbert.kritscher@nhm-wien.ac.at		

Date	
Signature	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.3**

TENtec proposal number	DRAFT (28014626)	Applicant no.	5
Applicant's legal name	Natural History Museum Vienna		

## EU Member State Approval

Ministry's legal name	Bundesministerium für Verkehr, Innovation und Technologie Sektion II, Stabstelle IKI		
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Legal address			
Street name	Radetzkystraße	Number	2
City	Wien		
Postal code	1030		
Country	Austria		

Representative authorised to sign this proposal			
Last name	Ruzicka	First name(s)	Alfred
Function	Sektion II, Stabstelle Informations- und Kommunikationsinfrastruktur (IKI)		
Is the address different from the legal address?	YES/NO	NO	
Street name	Radetzkystraße	Number	2
City	Wien		
Postal code	1030		
Country	Austria		
Phone	+43 1 71162 658920		
Email	alfred.ruzicka@bmvit.gv.at		

Date	
Signature of the competent EU Member State Ministry	

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A2.4**

TENtec proposal number	DRAFT (28014626)	Applicant no.	5
Applicant's legal name	Natural History Museum Vienna		

## Affiliated Entities

There are no affiliated entities designated by the applicant.

# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A3.1**

TENtec proposal number    DRAFT (28014626)

## Activities of the Action

Activity number	1
Activity name	Coordination and Project Management, Dissemination and Communication
Implementing applicant(s)	Natural History Museum Vienna, Rundfunk Berlin-Brandenburg, Agentschap Plantentuin Meise, Agencia Estatal Consejo Superior de Investigaciones Scientificas (CSIC), AIT Angewandte Informationstechnik Forschungsgesellschaft mbH



<p>Activity description</p>	<p>RBB (lead), AIT, CSIC, APM, NHMV 01/01/2019 – 30/06/2020</p> <p>Project coordination/communication of project outputs and results takes place within Activity 1. The activity will monitor the progress of the work and apply remedial actions to ensure achievement of functional objectives of all activities. It will also establish appropriate reporting structures and procedures internally and externally, manage funds and effort at project level and organise project management meetings. The main dissemination objective is to promote the LinBi results/efforts and acceptance of the project solutions. LinBi will liaise with related initiatives for data provision and content storage on a European level, inc. European Open Science Cloud (EOSC), the Europeana Strategy Forum on Research Infrastructures (ESFRIs) and other initiatives in the natural sciences and digital humanities domains.</p> <p>A1.1 Coordination and Project Management 1.1 Coordination of efforts and project budget, general project administration and accounting. Bi-weekly Skype conferences. Communications with the EU (RBB)</p> <p>Activity 1.1 coordinates the project. RBB will monitor deliverables and milestones and provide statistical and numerical monitoring of the expenditure to ensure an overview of the project. Regular information updates between the partners and the documentation of completed and upcoming work are central to this task, with regular Skype conferences. RBB routinely keeps the EU Commission informed. RBB collates project reports from the partners and produces meaningful deliverables for the Commission.</p> <p>A1.2 Dissemination and Communication 1.2 Project website (RBB), participation in Europeana conferences. Dissemination to academia. Communication towards media (RBB and ALL), social media activities incl. Facebook, Twitter, YouTube (RBB and ALL)</p> <p>This activity is a highly centrally-coordinated cross-activity task. All LinBi results should be made available to stakeholders of digital European cultural portals. The website, social media activities to which all partners contribute, and presentations at conferences, in particular at Europeana-tech, will contribute to this goal. Public relations work in the academic world is aimed at those interested in digitised European heritage and at the professional world of the biodiversity institutions (APM).</p> <p>A.1.3 Liaison with European and International Infrastructures and Networks and Sustainability planning 1.3 Liaison with European Strategy Forums on Research Infrastructures (ESFRIs) in natural sciences, Digital Humanities, Archive Portal Europe, European Science Clouds, GBIF etc. (APM with ALL)</p> <p>In order to interlink content, liaison with key European and international actors in the domains of natural and cultural heritage is essential. Through the previous projects such as OpenUp!, interactions exist with the Global Biodiversity Information Facility (<a href="http://www.gbif.org">www.gbif.org</a>), the Biodiversity Information Standards (<a href="http://www.tdwg.org">www.tdwg.org</a>), the Catalogue of Life (COL, <a href="http://www.catalogueoflife.org/">http://www.catalogueoflife.org/</a>) and the members the Consortium of European Taxonomic Facilities (<a href="http://www.cetaf.org">www.cetaf.org</a>). These interactions will be continued during this project and expanded to further networks and initiatives. APM will in collaboration with the partners assure LinBi's visibility and dialogue with key players and so assure the long-term sustainability of the services within the European and international landscape and Europeana. RBB will maintain the project server for 5 years following project completion and the LinBi enrichment platform will constitute an open source solution for potential integration to the Europeana Core Service.</p> <p>Deliverables: Months 3, 6, 9, 12, 15, D1.1 – D1.5 Quarterly Progress reports (R), PP Month 5, D1.6 Project Website (O), PU Month 8, D1.7 Dissemination information pack (O), PU Month 18, D1.8 Final project report including sustainability planning (R), PP Month 18, D1.9 Final public project report (R), PU</p> <p>Personmonths allocated: 15</p>
<p>Indicative start date</p>	<p>01/01/2019</p>
<p>Indicative end date</p>	<p>30/06/2020</p>
<p>Verifying milestone(s)</p>	<p>M4 Dissemination and Promotion Package, M10 Project Finalization</p>
<p>Activity number</p>	<p>2</p>
<p>Activity name</p>	<p>Selection of Data Sources, Rights Clearing and Storage of Content</p>
<p>Implementing applicant(s)</p>	<p>Rundfunk Berlin-Brandenburg, Agentschap Plantentuin Meise, Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC), AIT Angewandte Informationstechnik Forschungsgesellschaft mbH</p>

<p>Activity description</p>	<p>RBB (lead), AIT, CSIC, APM 01/01/2019 – 30/06/2020</p> <p>Existing data records and routines of item descriptions are compared in Activity 2. Catalogues of drawings, photos, films, animal sounds, ambient sounds and music will serve effectively as a virtual common project database. Associated IPR and ethical issues will be addressed. Particular attention is focussed on data storage, access and sustainability, as the data contain the actual, future-oriented value of the project. RBB will be responsible for ensuring continued availability of data for five years following the end of the project.</p> <p>A2.1 Selection of Data Sources 2.1.1 Identification of suitable content. Existing data is initially compared and reconciled. From suitable datasets a further selection is made (RBB, CSIC, APM). See Part D table 2.6 for a full list of new content to be delivered by partners.</p> <p>2.1.2 Building of 'baskets' (temporary selections of content) for initial testing and data harmonisation and for secondary full service actions (RBB, CSIC, APM) The LinBi project's connection of items is made possible by links and semantic similarities. In addition to multilingual scientific terms, colloquial language will also be used. Test quantities, test phases and fine-tuning will take place incrementally: definition of subsets of data ('basket') in different media types is followed by cross-media linking and testing with larger amounts of data. All test phases are evaluated for data harmonisation (data enrichment follows in activity 4.1.).</p> <p>A2.2 Rights Clearing IPR advisory to partners - Best Practice Guide to rights clearance for GLAM/rights owners, classification of content according to IPR status, for clustering and mashups and further availability (RBB and all) LinBi Best Practice Guide will be produced, building on existing documentation (i.e. OpenUp!, BHL-Europe, Europeana Pro, DISMARC etc.) and will be updated at the conclusion of the project. This task mainly uses information already collected and validated in other Europeana-related projects. Rights must be cleared especially for the use of illustrations and drawings, music performances, composition and recordings, film snippets and related audio. IPR directives for the presentation and re-use of data within Europeana will be observed. This activity will also deal with rights clearing of newly created enrichment objects and enhanced objects for Europeana. A special case will be the clearing of IPR for mashups and content clusters (exhibitions). Guidelines for all cases not yet covered by existing Best Practice Guides will be developed and contributed to the Europeana Training Repository for Aggregators and Content Providers.</p> <p>A2.3 Data Storage Investigate data storage in the EuropeanaCloud, the European Open Science Cloud, the Europeana Grid Initiative or other European initiatives (AIT and all) Within this activity LinBi will investigate best practice solutions for sustainable data storage on European level. LinBi will closely follow Europeana's cloud-based infrastructure for storing and sharing cultural heritage data that is currently in internal alpha, and will also investigate other European activities. LinBi will aim to cooperate and contribute to related EOSC Science demonstrators like the Social Sciences and Humanities EOSC Demonstrator VisualMedia, a service for sharing and visualising visual media files on the web. In the domain of Natural History, platforms such as GBIF, EUDAT and Herbadrop pilot will be analysed. Based on the above described investigations and developments activity 2.3 will conceptualise a long-term data storage accessibility and sustainability plan.</p> <p>Deliverables: Month 3, D2.1 Best practice guide on IPR and aggregation (R), PU Month 8, D2.2 Interim Report on Content Selection and Data Storage (R), PU Month 18, D2.3 Final Report on Content Selection, IPR and long-term data storage (R), PU</p> <p>Personmonths allocated: 18,6</p>
<p>Indicative start date</p>	<p>01/01/2019</p>
<p>Indicative end date</p>	<p>30/06/2020</p>
<p>Verifying milestone(s)</p>	<p>M1 IPR Best Practice, M2 Content Selection, M10 Project Finalization</p>
<p>Activity number</p>	<p>3</p>
<p>Activity name</p>	<p>Metadata and Content Curation, Preparation of Vocabularies</p>
<p>Implementing applicant(s)</p>	<p>Natural History Museum Vienna, Rundfunk Berlin-Brandenburg, Agentschap Plantentuin Meise, Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC), AIT Angewandte Informationstechnik Forschungsgesellschaft mbH</p>

Activity description	<p>RBB, AIT, CSIC (lead), APM, NHMV 01/01/2019 – 30/06/2020</p> <p>This activity will focus on preparing vocabularies and linked datasets to link in content curation processes as well as collecting metadata for harvesting through the OpenUp! aggregator. Different levels of content curation will be developed at metadata level as well as at content level.</p> <p>The partners will prepare new content for later enrichment and Europeana ingest and will bring into Europeana about 1.3 million. new natural heritage content items of a wide variety of object types.</p> <p>A3.1 Metadata and Content Curation 3.1.1 Preparation of previously selected content for further data processing (RBB, CSIC, APM) The content partners will prepare new content for publication and ingest in Europeana within activity 3.1. For details on the content see descriptions of part D. The OpenUp! Natural History Aggregator already provides standard transformation routines for ABCD (EFG), DarwinCore and Lido metadata. Data preparation for activity 3.1 will indicate whether the OpenUp! transformation routines should be enhanced in order to support additional metadata schemas like MARC21 (for illustrations and drawings), Qualified Dublin Core or BMF-Broadcast Metadata Format (for audio and film snippets) etc.</p> <p>3.1.2 Forming content clusters with 'amazing' content (RBB, CSIC, APM) As featured content, the following topics are suggested:  <ul style="list-style-type: none"> <li>- The Wild Roses of Crépin</li> <li>- Wild Animals in the Garden</li> <li>- Herbals</li> <li>- Florelegium (pl. Florilegia)</li> <li>- Masters of botanical illustration</li> </ul> </p> <p>A3.2 Preparation of Vocabularies Enabling use and extension of multilingual dictionaries during the enrichment processes (AIT) Classification of items according to exhibition and publication potential under criteria of general interest (RBB, CSIC, APM) Enhancement and Quality Assurance for Common Names Enrichments (NHMV)</p> <p>LinBi will support the integration of new available common names vocabularies and introduce additional quality assurance procedures for the CN enrichment. In addition, the partners will be able to create authority files and classifications of general interest when creating content clusters for Europeana (including general terms like e.g. butterfly, flower, animal, bird etc.). These classifications will increase discoverability for education and publication purposes.</p> <p>Deliverables: Month 9, D3.1 Interim Report on LinBi Data Curation (R), PP Month 16, D3.2 Report on existing and new vocabularies for the OpenUp! History Aggregator (R), PP Month 18, D3.3 Final Report on Metadata and Content Curation (R), PU</p> <p>Personmonths allocated: 35,30</p>
Indicative start date	01/01/2019
Indicative end date	30/06/2020
Verifying milestone(s)	M6 First LinBi Data Ingest, M8 First LinBi Content Clusters, M10 Project Finalization
Activity number	4
Activity name	Mobilisation, Enrichment and Exploitation of OpenUp! Items
Implementing applicant(s)	Rundfunk Berlin-Brandenburg, Agentschap Plantentuin Meise, Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC), AIT Angewandte Informationstechnik Forschungsgesellschaft mbH

Activity description	<p>RBB, AIT, CSIC, APM (lead) 01/01/2019 – 30/06/2020</p> <p>In activity 4 additional biodiversity and natural heritage content for Europeana is mobilised and the enrichment and exploitation of existing OpenUp! and Europeana content is carried out. The content providers will use the LinBi enrichment platform to interlink existing Europeana and OpenUp! content, and also to interlink the existing content with new or external data items. Within this process IPR requirements for Europeana and for working with the content have to be observed, as well as ethical aspects. The LinBi platform will provide templates for automatically clustering selected content for enrichment. These content collections/clusters can later be used for the preparation of educational activities or for instant exhibition creation on specific natural history topics. The LinBi enrichment tools allow for selection of content and exposure of the content for Europeana but also for other research communities. LinBi will investigate how the enriched content can be offered to academia, education and media and integrated with other third party tools.</p> <p>A4.1 Mobilisation and Enrichment of Content 4.1.1 Crowdsourcing: mobilising/enriching existing metadata with DOEDAT.be (APM) All partners of the project will have the possibility of using the www.doedat.be platform for enrichment of images metadata to be provided to Europeana.</p> <p>4.1.2 Test if 3D images and movies metadata could also be mobilised with DOEDAT.be in future (APM) Currently DOEDAT works with 2D static images only. Within the project it is the aim to explore the possibility to crowdsource 3D images or movies using the DOEDAT interface.</p> <p>4.1.3 Linking existing Europeana and OpenUp! content via the LinBi enrichment platform (RBB, CSIC, APM) Partners will link the existing natural history or related Europeana content within the LinBi enrichment platform thus enriching and enhancing the content and providing a better user experience of the content within Europeana. The partners will first select content to be linked, creating dedicated 'baskets' in the LinBi enrichment platform.</p> <p>4.1.4 Linking to third parties for re-use of content, observing IPR requirements and ethical aspects (AIT, RBB, CSIC, APM) Partners will link the data with other third party content where available. Sections in films will be annotated and linked back to items that can be found in Europeana and beyond. Music referencing natural biodiversity phenomena shall be selected, preferably from Europeana content but also from sources freely available online. IPR requirements and ethical aspects of the content to be linked will be observed.</p> <p>A4.2 Enrichment and Exploitation of Content 4.2.1 Templates to cluster automatically-selected content from previous enrichments in multimedia containments (RBB, AIT) The LinBi enrichment platform will offer templates for clustering/linking content for exhibition and educational purposes. In activity 4.2 these templates will be designed and provided.</p> <p>4.2.2 Educational activities and exhibitions (RBB, CSIC, APM) The LinBi content partners will use the selected and generated content in new or in already existing educational activities. The content provided to Europeana and also Europeana itself will be used in the planned activities.</p> <p>4.2.3 The project will explore and assist integration of third party tools to enable re-use in academia, education and media (AIT, RBB, CSIC, APM) As test user, RBB-TV will establish an interface for search and re-use of this biodiversity content. IPR roadblocks in the discovery/use of Europeana content in smart (i.e. file-based) TV-productions roadblocks will be addressed by LinBi.</p> <p>Deliverables: Month 12, D4.1 Report on Third parties tools integration (R), PP Month 16, D4.2 Report on Mobilisation and Data Enrichment (R), PU Month 18, D4.3 Final Report on Linking of Data, Content Clusters and Educational activities (R), PU</p> <p>Personmonths allocated: 23,10</p>
Indicative start date	01/01/2019
Indicative end date	30/06/2020
Verifying milestone(s)	M5 Content Clusters Design , M7 Tools Integration Analysis, M10 Project Finalization
Activity number	5

Activity name	Setting up the Data Enrichment Workflow, Enrichment Platform and Preparation of Ingest
Implementing applicant(s)	Rundfunk Berlin-Brandenburg, Agentschap Plantentuin Meise, Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC), AIT Angewandte Informationstechnik Forschungsgesellschaft mbH
Activity description	<p>RBB, AIT (lead), CSIC, APM 01/01/2019 – 30/06/2020</p> <p>Within activity 5.1 the LinBi data enrichment platform will be created and added to the OpenUp! aggregation workflow. The platform will allow the interlinking of existing and new data items, and the creation of 'enrichment items' which are data items created during an enrichment process. Activity 5.2 concerns the preparation of new and enhanced data, the enrichment items according to Europeana requirements and the provision of the data in a dedicated OAI-provider for Europeana harvest and ingest. If needed, new metadata preparation components and transformations routines will be integrated.</p> <p><b>A5.1 Setting up the Data Enrichment Workflow</b>  <b>5.1.1 Design and supply of the LinBi enrichment platform (AIT)</b>  The natural history aggregator is a stable infrastructure that since 2012 has processed millions of natural history data records for Europeana. The aggregation facility is capable of aggregating multimedia data from natural history collections of many kinds. In the LinBi project the (OpenUp!) Europeana Natural History Aggregator will be enhanced with a dedicated enrichment platform component based on Omeka. The platform provides the functionality of linking video and audio segments or image-regions to one or more existing Europeana items.</p> <p><b>5.1.2 Test of the LinBi enrichment environment (RBB, CSIC, APM)</b>  All LinBi partners will be involved in the testing of the enrichment platform, which will subsequently be integrated with the OpenUp! Aggregation platform. LinBi partners and media/educational/institutional users will participate in requirements gathering procedures prior to design of the enrichment platform, and will also be consulted in subsequent product testing.</p> <p><b>5.1.3 Adjust and create data fields under Europeana standards to enrich metadata within the enrichment platform (AIT)</b>  The Enrichment Platform will use a rich metadata schema (Omeka-Plugin) and items will be mapped to the EDM Europeana Data Model during the preparation of ingest to Europeana. If feasible the LinBi project will suggest an extension to the existing EDM metadata schema in order to optimize the presentation and discovery of enrichment objects and linked objects.</p> <p><b>5.1.4 Liaise with other Europeana aggregators (RBB, AIT)</b>  The LinBi enrichment platform will path the way for a standardized process of ingesting enrichment objects to Europeana. LinBi will approach all Europeana aggregators for possibly cooperation in the interlinking of existing Europeana objects. Many paintings, pictures or other multimedia data in Europeana show aspects of biodiversity and could be linked to existing natural heritage data in order to provide a better user experience, browsing and discovery of the content. LinBi will also investigate ways to include the enrichment platform into the Europeana Core services for all aggregators.</p> <p><b>A5.2 Preparation of New, Enhanced and Enrichment Items for Ingest</b>  Preparation and Ingest of data to Europeana via the OpenUp! aggregator (AIT):  1.3 million. new content (herbarium sheets, illustrations, images, film snippets)  5.000 enriched/linked OpenUp! items  10.000 enrichment objects</p> <p>LinBi will bring into Europeana about 1.3 million new data items from the biodiversity and natural history domains. This data includes scanned herbarium sheets, images from natural history illustrations, audio files or film snippets that relate to biodiversity topics. Via the new enrichment workflows enriched/linked data and enrichment objects will be provided to Europeana.</p> <p>Deliverables:  Month 6, D5.1 LinBi Enrichment Platform Specification and Version 1 (R) PP  Month 9, D5.2 Interim Report on LinBi Data Ingest, Version 1 (R) PU  Month 15, D5.3 LinBi Enrichment Platform, Production Version (D) PU  Month 18, D5.4 Final Report on LinBi Data Ingest and Enrichment Workflows (R) PU</p> <p>Personmonths allocated: 31,50</p>
Indicative start date	01/01/2019
Indicative end date	30/06/2020
Verifying milestone(s)	M3 LinBi Enrichment Platform - Prototype, M6 First LinBi Data Ingest, M9 LinBi Enrichment Platform – Production Version, M10 Project Finalization

## Milestones of the Action

Milestone number	Milestone description	Milestone summary	Indicative completion date	Mean(s) of verification
1	M1 IPR Best Practice	All information for IPR and aggregation ready.	31/03/2019	Deliverable D2.1 is issued.
2	M2 Content Selection	Selection of content and catalogues that support the LinBi processes completed	30/04/2019	Suitable Content has been identified and selected for content 'baskets'.
3	M3 LinBi Enrichment Platform - Prototype	First prototype of the data enrichment platform and workflow ready.	30/06/2019	First data items selected from Europeana and new sources and available for further preparation in the enrichment platform. D5.1 issued
4	M4 Dissemination and Promotion Package	Dissemination information package finished.	31/08/2019	Dissemination package and LinBi website ready. The website contains articles and information on LinBi. (D1.6 & D1.7)
5	M5 Content Clusters Design	Templates to cluster automatically-selected content ready for use.	30/09/2019	Design for content cluster templates completed.
6	M6 First LinBi Data Ingest	First new sets of data ready for ingest into Europeana (via the OpenUp! Natural History Aggregator). Appropriate metadata schemas selected.	30/09/2019	Interim report on Data Curation including first update of Vocabulary Services (D3.1). Data Provision of about 500.000 new items to Europeana. D5.2 issued.
7	M7 Tools Integration Analysis	Interfaces for items-search and retrieval engines verified.	31/12/2019	Production on reports on the use of the interfaces. (D4.1)
8	M8 First LinBi Content Clusters	First content clusters with selected content have been formed and data quality has been checked.	31/12/2019	Content Cluster available in the LinBi enrichment platform.
9	M9 LinBi Enrichment Platform – Production Version	LinBi Enrichment Platform installed and used for data enrichment and creation of enrichment objects.	31/05/2020	5.000 enhanced and enriched objects created within the LinBi enrichment platform. (D5.3)

10	M10 Project Finalization	<p>Finalization of all project management activities including sustainability planning. Storage of Data sets in a sustainable repository.</p> <p>Vocabulary processing services are updated, new vocabularies are integrated.</p> <p>The educational content has been published online and is searchable via <a href="http://www.europeana.eu">www.europeana.eu</a></p> <p>LinBi Enrichment Platform installed and used for data enrichment and creation of enrichment objects.</p> <p>The LinBi Data enrichment workflow and content aggregation process for Europeana is set up, the OpenUp! Natural History Aggregator is enhanced with the additional enrichment components.</p> <p>Final project report including sustainability planning and public project report (D1.8 &amp; D1.9)</p> <p>Presentations at least 10 international conferences, including Europeana-tech and Biodiversity conferences.</p> <p>Final Report on Selection of Content and Data Storage (D2.3)</p> <p>The final report on metadata content and curation has been issued. (D3.3)</p> <p>At least 2 new vocabularies used in the data transformation process. (D3.2).</p> <p>Publication of educational content.</p> <p>Report D4.3 issued. 1.3 new data objects provided to Europeana. 5.000 enhanced and 10.000 enrichment objects created within the LinBi enrichment platform. (D5.4)</p>	30/06/2020	Reports D1.8, D1.9, D2.3, D3.2, D3.3, D4.3 and D5.4 issued.
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# Application Form Part A



EUROPEAN COMMISSION

CONNECTING EUROPE FACILITY:  
TELECOM

**A3.2**

TENtec proposal number

DRAFT (28014626)

## Financial information on the Action

### Indicative breakdown of estimated eligible costs by activity

Co-financing rate

75.00

Activities	Personnel costs	Subcontracting costs	Other costs	Total costs	Indirect eligible costs	Total eligible costs	Estimated CEF contribution
Coordination and Project Management, Dissemination and Communication	69,050	0	33,000	102,050	7,144	109,194	81,895
Natural History Museum Vienna	3,000	0	3,000	6,000	420	6,420	4,815
Rundfunk Berlin-Brandenburg	41,250	0	11,200	52,450	3,672	56,122	42,091
Agentschap Plantentuin Meise	10,800	0	7,000	17,800	1,246	19,046	14,285
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	2,400	0	1,000	3,400	238	3,638	2,729
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	11,600	0	10,800	22,400	1,568	23,968	17,976
Selection of Data Sources, Rights Clearing and Storage of Content	80,457	6,000	7,004	93,461	6,122	99,583	74,687
Rundfunk Berlin-Brandenburg	24,450	0	0	24,450	1,712	26,162	19,621



Activities	Personnel costs	Subcontracting costs	Other costs	Total costs	Indirect eligible costs	Total eligible costs	Estimated CEF contribution
Agentschap Plantentuin Meise	22,640	0	0	22,640	1,585	24,225	18,169
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	27,567	6,000	7,004	40,571	2,420	42,991	32,243
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	5,800	0	0	5,800	406	6,206	4,655
Metadata and Content Curation, Preparation of Vocabularies	<b>126,566</b>	<b>33,000</b>	<b>4,504</b>	<b>164,070</b>	<b>9,175</b>	<b>173,245</b>	<b>129,934</b>
Natural History Museum Vienna	2,000	15,000	0	17,000	140	17,140	12,855
Rundfunk Berlin-Brandenburg	31,500	0	0	31,500	2,205	33,705	25,279
Agentschap Plantentuin Meise	28,040	0	0	28,040	1,963	30,003	22,502
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	53,426	18,000	4,504	75,930	4,055	79,985	59,989
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	11,600	0	0	11,600	812	12,412	9,309
Mobilisation, Enrichment and Exploitation of OpenUp! Items	<b>114,274</b>	<b>0</b>	<b>4,584</b>	<b>118,858</b>	<b>8,320</b>	<b>127,178</b>	<b>95,384</b>
Rundfunk Berlin-Brandenburg	45,150	0	0	45,150	3,161	48,311	36,233
Agentschap Plantentuin Meise	47,460	0	0	47,460	3,322	50,782	38,087
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	15,864	0	4,584	20,448	1,431	21,879	16,410
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	5,800	0	0	5,800	406	6,206	4,655

Activities	Personnel costs	Subcontracting costs	Other costs	Total costs	Indirect eligible costs	Total eligible costs	Estimated CEF contribution
Setting up the Data Enrichment Workflow, Enrichment Platform and Preparation of Ingest	163,640	0	1,000	164,640	11,525	176,165	132,124
Rundfunk Berlin-Brandenburg	23,400	0	0	23,400	1,638	25,038	18,779
Agentship Plantentuin Meise	33,440	0	0	33,440	2,341	35,781	26,836
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	2,400	0	1,000	3,400	238	3,638	2,729
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	104,400	0	0	104,400	7,308	111,708	83,781
<b>Total</b>	<b>553,987</b>	<b>39,000</b>	<b>50,092</b>	<b>643,079</b>	<b>42,286</b>	<b>685,365</b>	<b>514,023</b>

#### Sources of Financing

Applicants	Applicant budget(s)	State budget(s)	Regional/local budget(s)	Other sources	Requested CEF financing	Total
Rundfunk Berlin-Brandenburg	47,336	0	0	0	142,002	189,338
AIT Angewandte Informationstechnik Forschungsgesellschaft mbH	40,125	0	0	0	120,375	160,500
Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC)	38,032	0	0	0	114,099	152,131
Agentship Plantentuin Meise	39,959	0	0	0	119,877	159,836
Natural History Museum Vienna	5,890	0	0	0	17,670	23,560
<b>TOTAL</b>	<b>171,342</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>514,023</b>	<b>685,365</b>

#### Related actions

If the proposed Action is part of a larger project previously supported through EU funding, please specify all related Actions:

Action title	Funding programme	Grant Agreement / Decision number	Amount