



# Welcome to CCEX

[Login / Register](#)

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## What the CCEX can do for you



Define your  
organization profile



Compare your costs  
by activity



Compare your costs  
by capital and labour



Browse through cost models  
descriptions and comparisons



Know what cost models  
you should use



Know about other's  
risks and benefits



Connect with others  
with the same motivations



Stay informed about all  
news and events



Know about suppliers  
and their services



## Define your organization profile

Organization name

Organization description,  
purpose and mission

### Cost determinants

Data volume in TB

Organization staff size

Less than 10 people ▼  
Less than 100 people  
Less than 500 people  
Less than 1000 people  
Less than 10000 people  
More than 10000 people

Number of copies policy

No replicas ▼  
One replica  
Two replicas  
Three replicas  
More than three replicas

Country  
(where most of staff lives)

Afghanistan ▼  
Albania  
Algeria  
...

Core business

Digital curation ▼  
Other

[Help](#)

Organization type

Research funder ▼  
...  
Other

Other organization type

### Other settings

Privacy definitions

Don't share anything ▼  
List my organization but don't share costs  
Share costs in anonymity  
Share cost information only with other registered partners  
Share cost information with everyone

Currency definitions

Euro € ▼  
British Pound Sterling £  
US Dollar \$  
Other

[Help](#)

Other currency

Currency convert rate

1 € [External currency rate converter](#)

Save details



## Compare costs by activity

Define your curation costs by activity and compare it with other users of the same type.



You must define [your organization profile](#) before being able to compare costs.  
You still haven't? [Go there now!](#)



Did you know that you can [compare the costs by capital and labour](#) instead than by activity?  
If you have your costs organized that way this will be a better option, but if you already have costs divided by activity then you are in the right place!

### My costs by activity

Please add to the list below the costs of all activities that relate to digital curation within your organization. You can create the activities you want, as defined on your currently cost method, and then relate to our defined cost categories. After that you can compare your costs with other institutions that have done the same process.

Add

Group by

Filter by

Import/Export

Activity name	Cost	Normalized activities mapping	
Digitalization	14000 €	Ingest 90%, Archival Storage 10%	<input checked="" type="checkbox"/>
Format migration	2200 €	Archival Storage 50%, Access 50%	<input checked="" type="checkbox"/>
Sum 16200 €			

### My normalized costs by activity

Below you can find your cost information normalized to a general set of activities that can be compared with others.

Normalized activity	Cost	% of total cost	Cost per TB
Ingest	12600 €	78 %	2520 €/TB
Archival storage	2500 €	15 %	500 €/TB
Access	1100 €	7 %	220 €/TB
Sum 16200 €			Sum 3240 €/TB

You [defined](#) that your organization has around 5 TB of data.

Compare my costs with others



## Cost activity

Name\*

Description

Cost\*

€

## Mapping to normalized activities (for comparison with others)

Ingest  10% (1400 €)

Provides functions for Pre-Ingest and Ingest: Appraisal, submission agreement; Functions to accept digital assets SIPs from producers (validation, metadata enrichment), preparation of them for storage and management within the archive (creation of storage versions (AIPs))

Archival Storage  10% (1400 €)

Functions for storage, maintenance and retrieval of the stored digital assets (AIPs). Includes media migration, storage hierarchy management, routine error checking and providing disaster recovery capabilities.

Access  10% (1400 €)

Functions that support Consumers in determining the existence, description, location and availability of digital assets. Allows consumers to request and receive the digital assets

Unmapped 70% (9800 €)

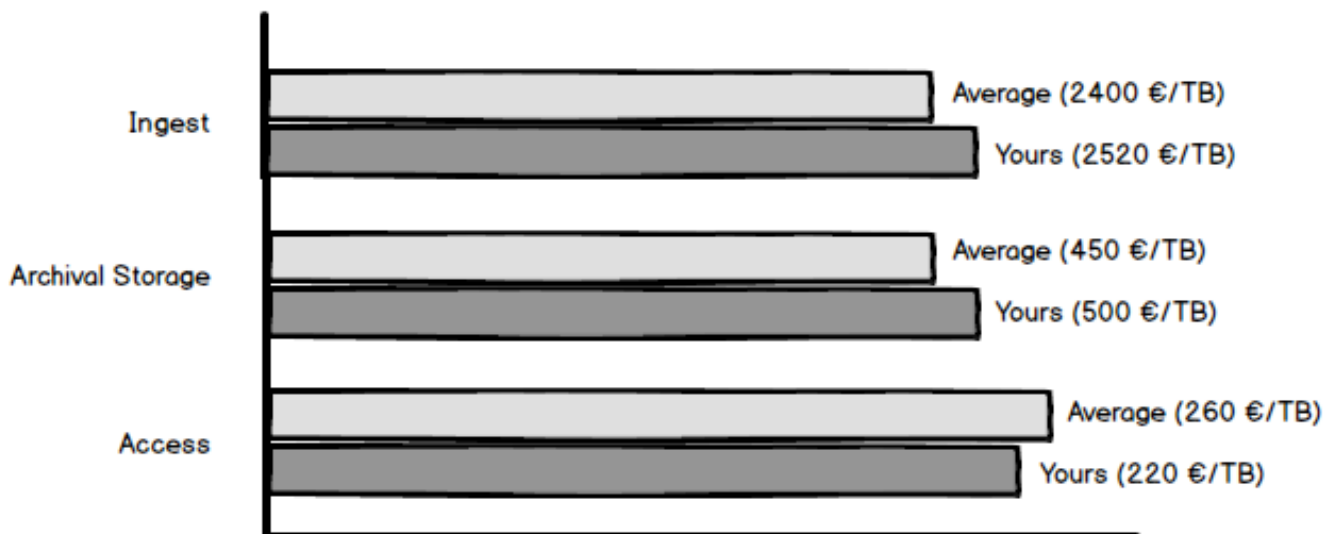
Beware that unmapped costs will not show on the cost comparison with others.



## Comparison of costs by activity with others

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### Comparison with all other users



### Segmented comparison

See the comparison of your costs with other users:

- [Of the same organization type as yours](#)
- [That have data volumes of the same scale as your organization](#)
- [That have the same policy for number of copies](#)
- ...



## Compare costs by capital and labour

Define your curation costs by capital and labour and compare it with other users of the same type.



You must define [your organization profile](#) before being able to compare costs.  
You still haven't? [Go there now!](#)



Did you know that you can [compare the costs by activity](#) instead than by capital and labour?  
If you have your costs organized that way this will be a better option, but if you already have costs divided by capital and labour then you are in the right place!

### My costs by capital and labour

Please add to the list below the all capital and labour costs that relate to digital curation within your organization. You can create the cost categories you want, as defined on your currently cost method, and then relate to our defined categories. After that you can compare your costs with other institutions that have done the same process.

Add

Group by

Filter by

Import/Export

Name	Type	Cost	Cost categories	
Digitalization staff	Labour	10000 €	Support/operations 90%, Manager 10%	<input checked="" type="checkbox"/>
Digitalization machine	Capital	90000 €	Hardware 90%, Software 10%	<input checked="" type="checkbox"/>
Sum 100000 €				

### My normalized costs by financial cost category

Below you can find your cost information normalized to a general set of labour and capital cost categories that can be compared with others.

#### Labour

Labour category	Cost	% of total cost	Cost per TB
IT-developer	0 €	0 %	0 €/TB
Support/operations	9000 €	9 %	1800 €/TB
Records manager	0 €	0 %	0 €/TB
Manager	1000 €	1 %	200 €/TB
Sum 10000 €		Sum 10 %	Sum 2000 €/TB

You [defined](#) that your organization has around 5 TB of data.

#### Capital

Capital category	Cost	% of total cost	Cost per TB
Hardware	81000 €	81 %	16200 €/TB
Software	9000 €	9 %	1800 €/TB
External services	0 €	0 %	0 €/TB
Building costs	0 €	0 %	0 €/TB
Sum 90000 €		Sum 90 %	Sum 18000 €/TB

You [defined](#) that your organization has around 5 TB of data.

Compare my costs with others

**Financial cost**

Name\*

Description

Cost\*

€

Type\*

**Mapping labour to standard staff roles (for comparison with others)**IT-developer  10% (1400 €)

Staff that develops software. Software engineers, programmers, it-developers, coders.

Support/operations  10% (1400 €)

Staff that executes technical tasks, for example testing digital material at ingest, operating the computers when migrations occur, burning optical disks, setting up robots, etc.

Records manager  10% (1400 €)

Staff that contributes to and executes the preservation planning of the managers; develop the organisation, appraise at pre-ingest; consultants at access; administrative tasks.

Manager  10% (1400 €)

Staff that organise and plan the work of digital curation in the organisations. Make tactical and strategic decisions, have staff responsibility, budget mandate and administrative tasks.

Unmapped 60% (8400 €)

Beware that unmapped costs will not show on the cost comparison with others.



## Financial cost

Name\*

Description

Cost\*

14000

€

Type\*

Capital



Labour

### Mapping capital costs with standard acquisition types (for comparison with others)

Hardware — 10% (1400 €)

Machines and media used thoroughiout the whole digital asset lifecycle. They receive, store, validate, make copies, migrate and dissiminate digital assets.

Software — 10% (1400 €)

Programmes used thoroughiout the whole digital asset lifecycle. They receive, process, validate, create copies, migrate and dissiminate digital assets.

External services — 10% (1400 €)

Costs spent to buy services from 3rd party providers.

Building costs — 10% (1400 €)

All costs pertaining to building costs, electricity, water, overhead in general.

Unmapped 60% (8400 €)

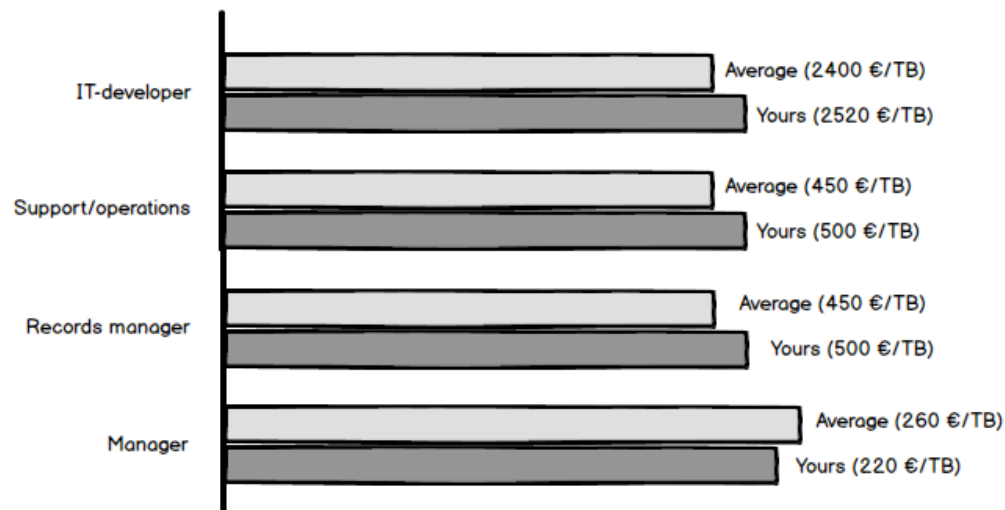
Beware that unmapped costs will not show on the cost comparison with others.



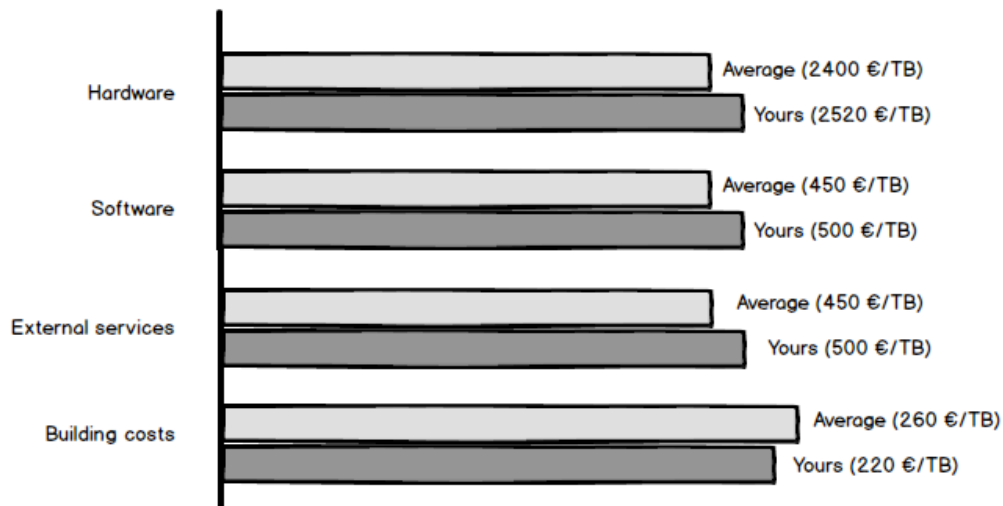
## Comparison of labour and capital costs with others

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### Comparison of labour costs with all other users



### Comparison of capital costs with all other users



### Segmented comparison

See the comparison of your costs with other users:

- [Of the same organization type as yours](#)
- [That have data volumes of the same scale as your organization](#)
- [That have the same policy for number of copies](#)
- ...

### Comparison by activity

Want to compare your costs with others based on activity? Then [start mapping your costs to activities](#) and access more fine-grain cost comparisons!



## Know what cost models you should use

Please fill the following information so we can recommend you information about cost models, literature you might find of interest, and other resources as events, discussion forums, blogs and websites that might interest you.

Cost model accuracy preferences

Less accurate cost model that will finish in half a day  
Average accuracy cost model that will finish under a week  
Very accurate cost model that will take more than a week

Notes on cost model accuracy preferences

Motivation to determine costs

- |   |                                       |   |
|---|---------------------------------------|---|
| <input type="checkbox"/> Risk             | <input type="checkbox"/> Efficiency   | <input type="checkbox"/> Confidentiality  |
| <input type="checkbox"/> Trustworthiness  | <input type="checkbox"/> Value        | <input type="checkbox"/> Interoperability |
| <input type="checkbox"/> Benefits         | <input type="checkbox"/> Transparency | <input type="checkbox"/> Flexibility      |
| <input type="checkbox"/> Sustainability   | <input type="checkbox"/> Reputation   | <input type="checkbox"/> Sensitivity      |
| <input checked="" type="checkbox"/> Other |                                       |   |

Other motivations to determine costs

Assets of interest

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Text documents            | <input type="checkbox"/> Websites      | <input type="checkbox"/> Geo data            |
| <input type="checkbox"/> Email                     | <input type="checkbox"/> e-Journals    | <input type="checkbox"/> Images              |
| <input type="checkbox"/> Spreadsheets              | <input type="checkbox"/> Newspapers    | <input type="checkbox"/> Video               |
| <input type="checkbox"/> Databases                 | <input type="checkbox"/> Audio         | <input type="checkbox"/> Digitized documents |
| <input type="checkbox"/> Multidimensional datasets | <input type="checkbox"/> Research data | <input type="checkbox"/> Other               |
| <input checked="" type="checkbox"/> Others         |  |  |

Other assets of interest

Activities to be costed

- |  |  |                                     |
|--|--|-------------------------------------|
| <input type="checkbox"/> Pre-ingest        | <input type="checkbox"/> Preservation Planning | <input type="checkbox"/> Production |
| <input type="checkbox"/> Ingest            | <input type="checkbox"/> Access                | <input type="checkbox"/> Management |
| <input type="checkbox"/> Data Management   | <input type="checkbox"/> Administration        | <input type="checkbox"/> Other      |
| <input type="checkbox"/> Archival Storage  | <input type="checkbox"/> Common services       |                                     |
| <input checked="" type="checkbox"/> Others |  |                                     |

Other activities to be costed

Preferred tool type

Analysis  
Estimation  
Availability of spreadsheets with default data  
Other

[Help](#)

Other preferred tool types

Get recommendations



## We found the following resources for you!

Based on [your preferences](#), we recommend the following information.

### Cost models

#### The LIFE cost model

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[more information](#)

#### The KRDS cost model

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[more information](#)

### Literature

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[more information](#)

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[more information](#)

### Events

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[more information](#)

### Other resources

- [Blog X](#)
- [Forum Y](#)
- [Website Z](#)



# Help

## Organization type

### Research funder

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### Memory institution

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## Preferred tool type

### Analysis

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### Estimation

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