Modelling the costs and benefits of digital cultural heritage

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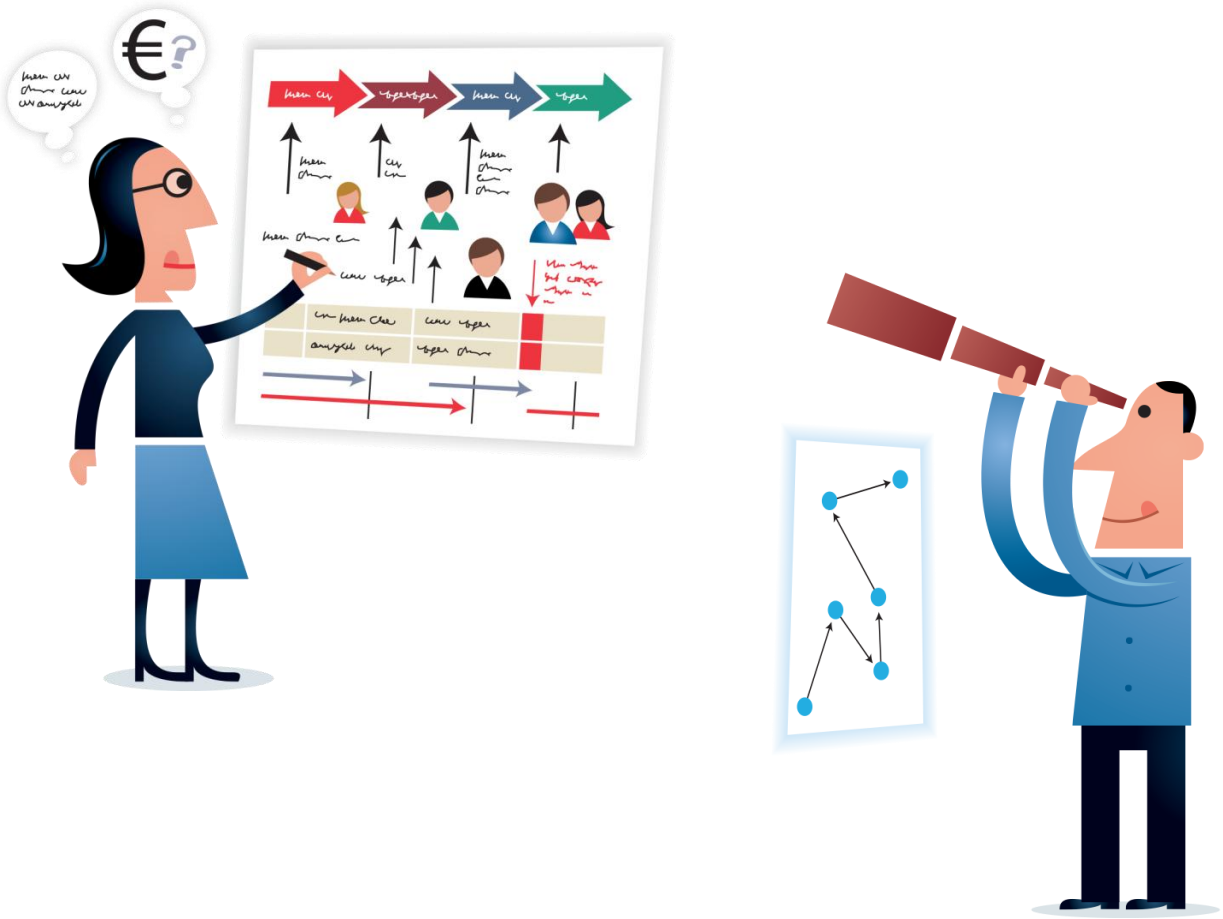
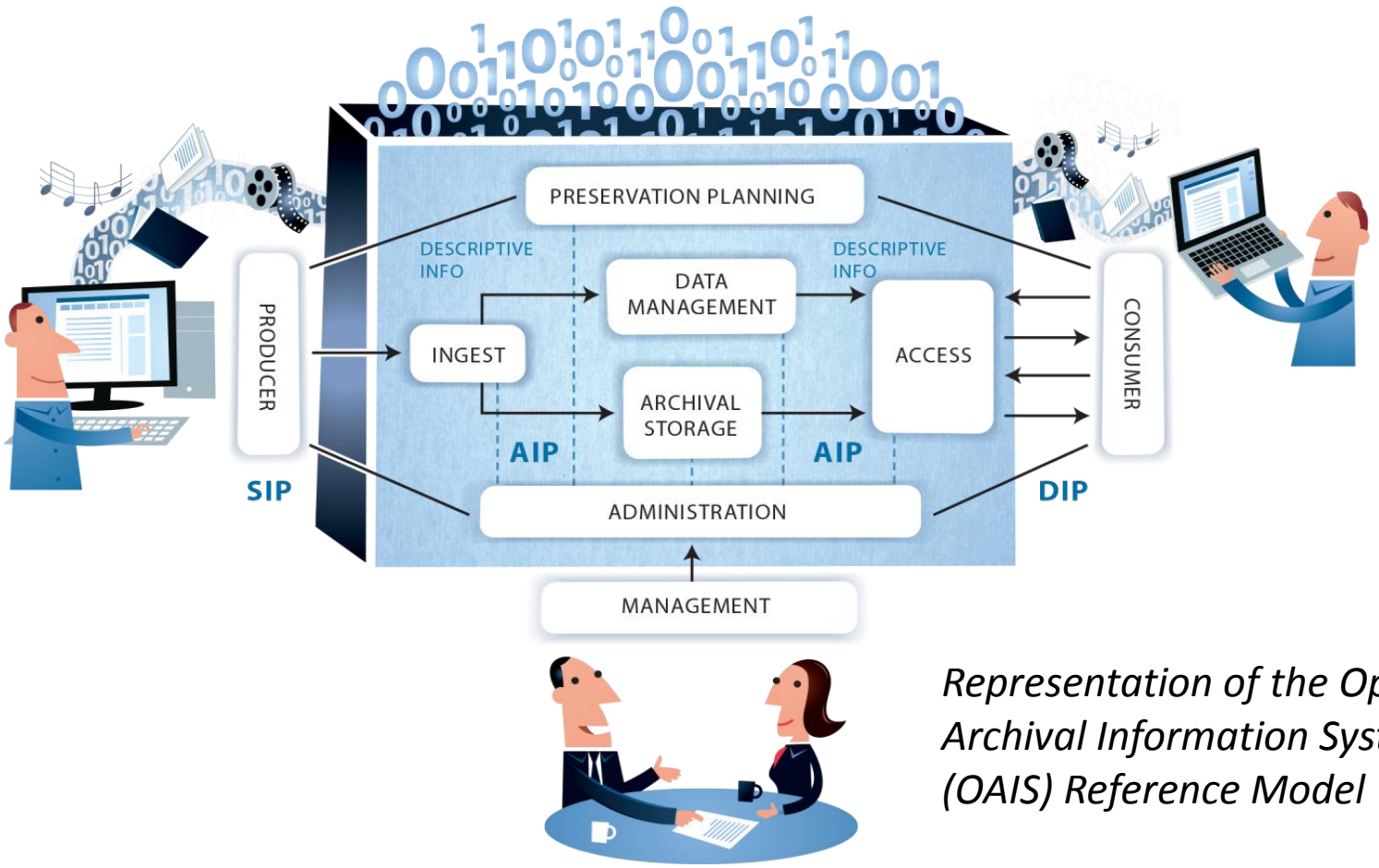
What does curation cost? And what are the benefits?



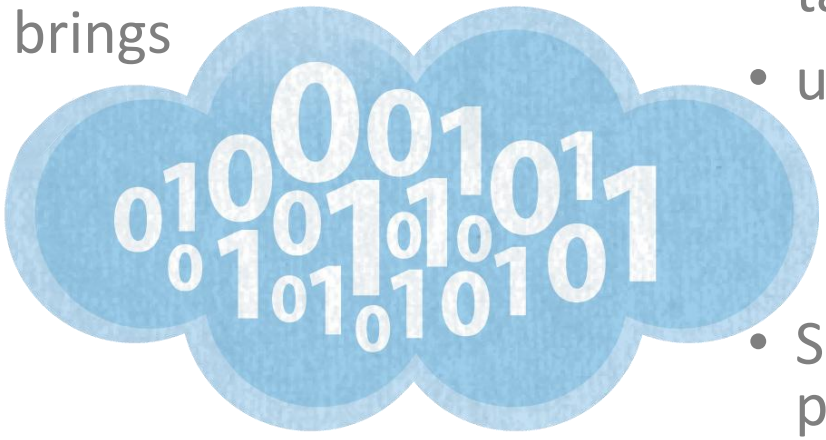
Digital Curation



Representation of the Open Archival Information System (OAIS) Reference Model

Sustainable Curation

The costs of digital curation must be justified by the benefits that cultural heritage brings to stakeholders

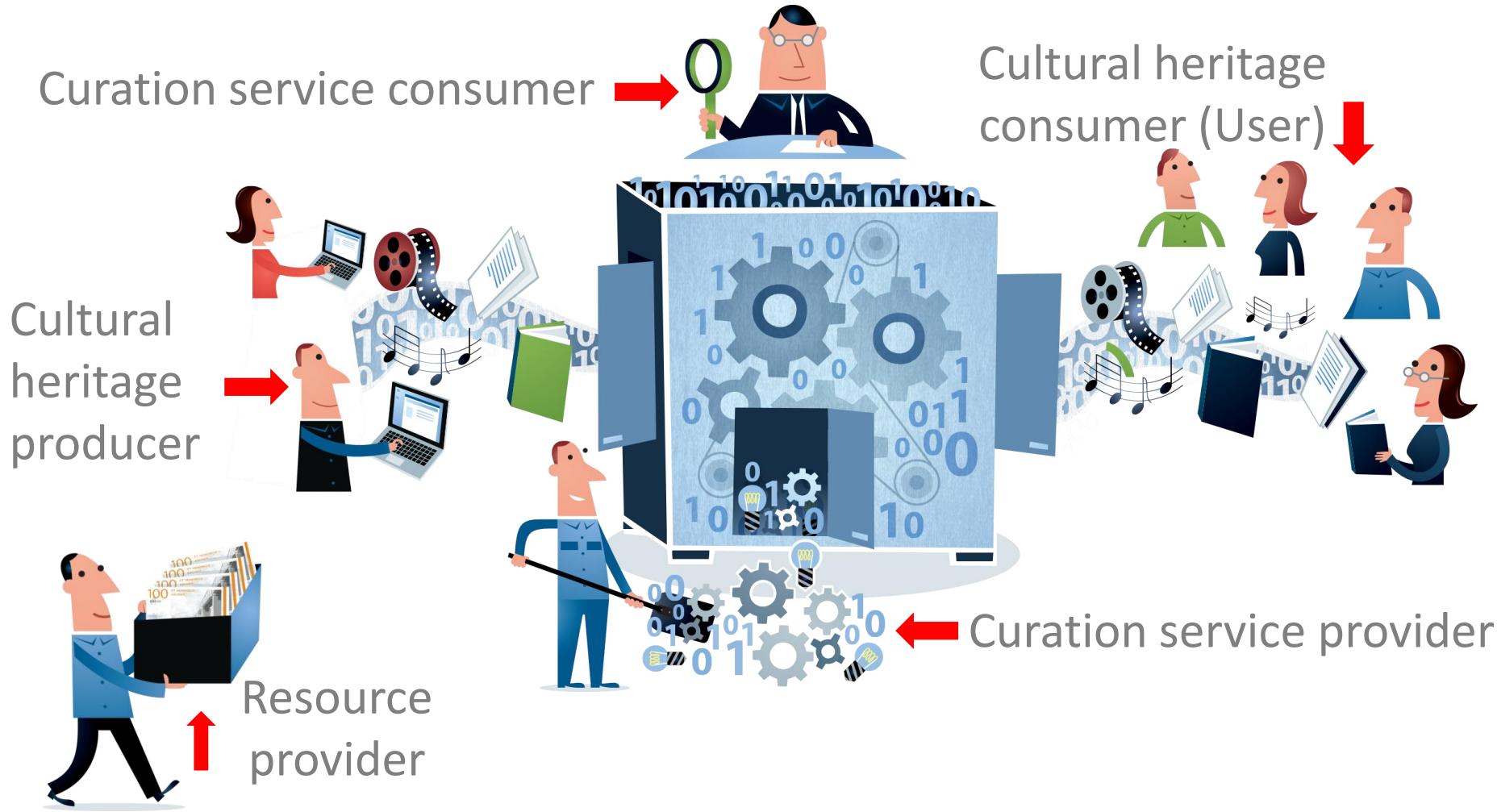


Revenues from:

- taxes
- user fees/licences;

- Smarter curation processes;
- more valuable (usable) cultural heritage assets

Digital Curation Stakeholders



The EU Project 4C

Collaboration to

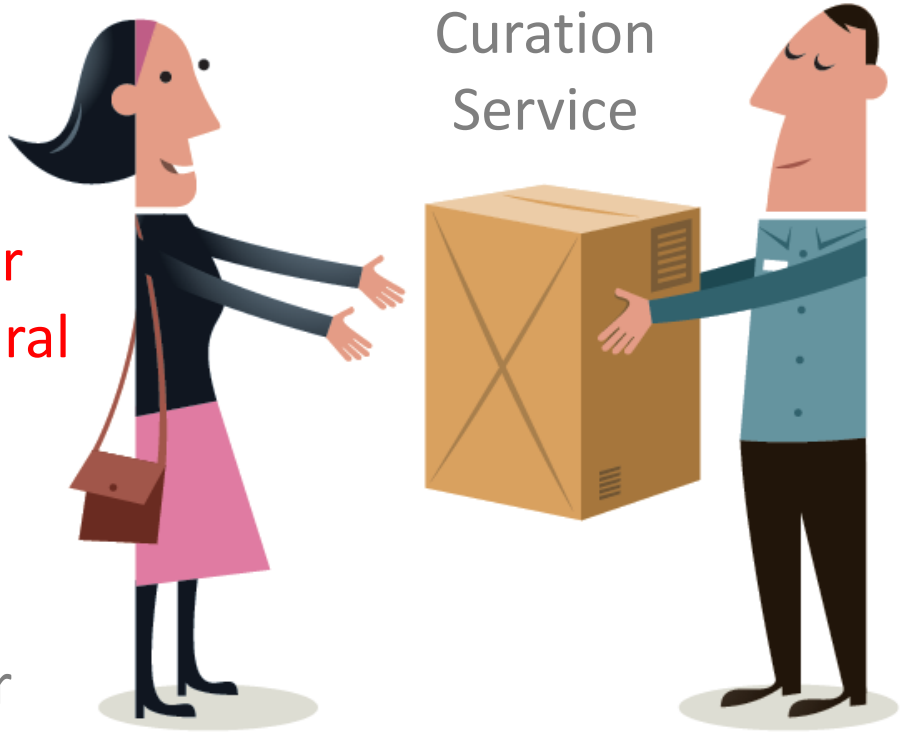
Clarify the

Costs of

Curation

Consumer and Provider

Curation Service



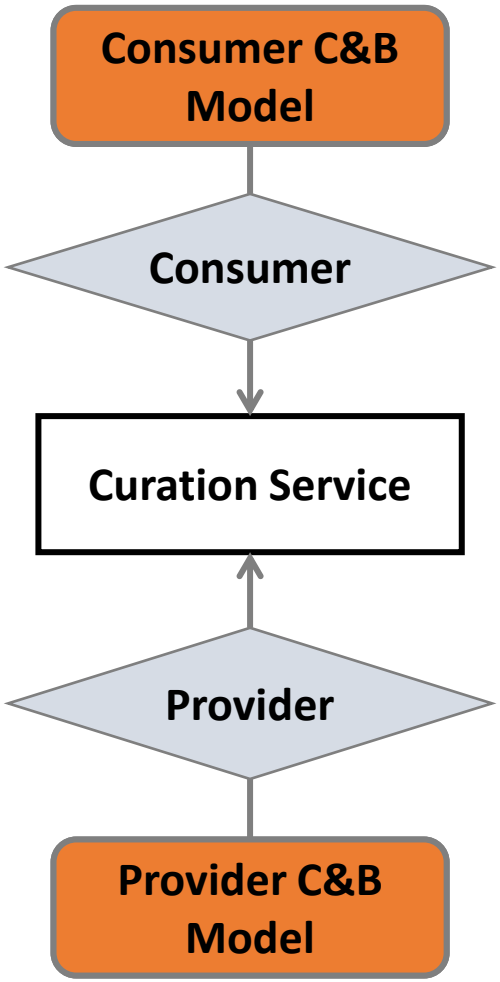
Responsible for curation of cultural heritage

Service Consumer

Responsible for delivering the curation service

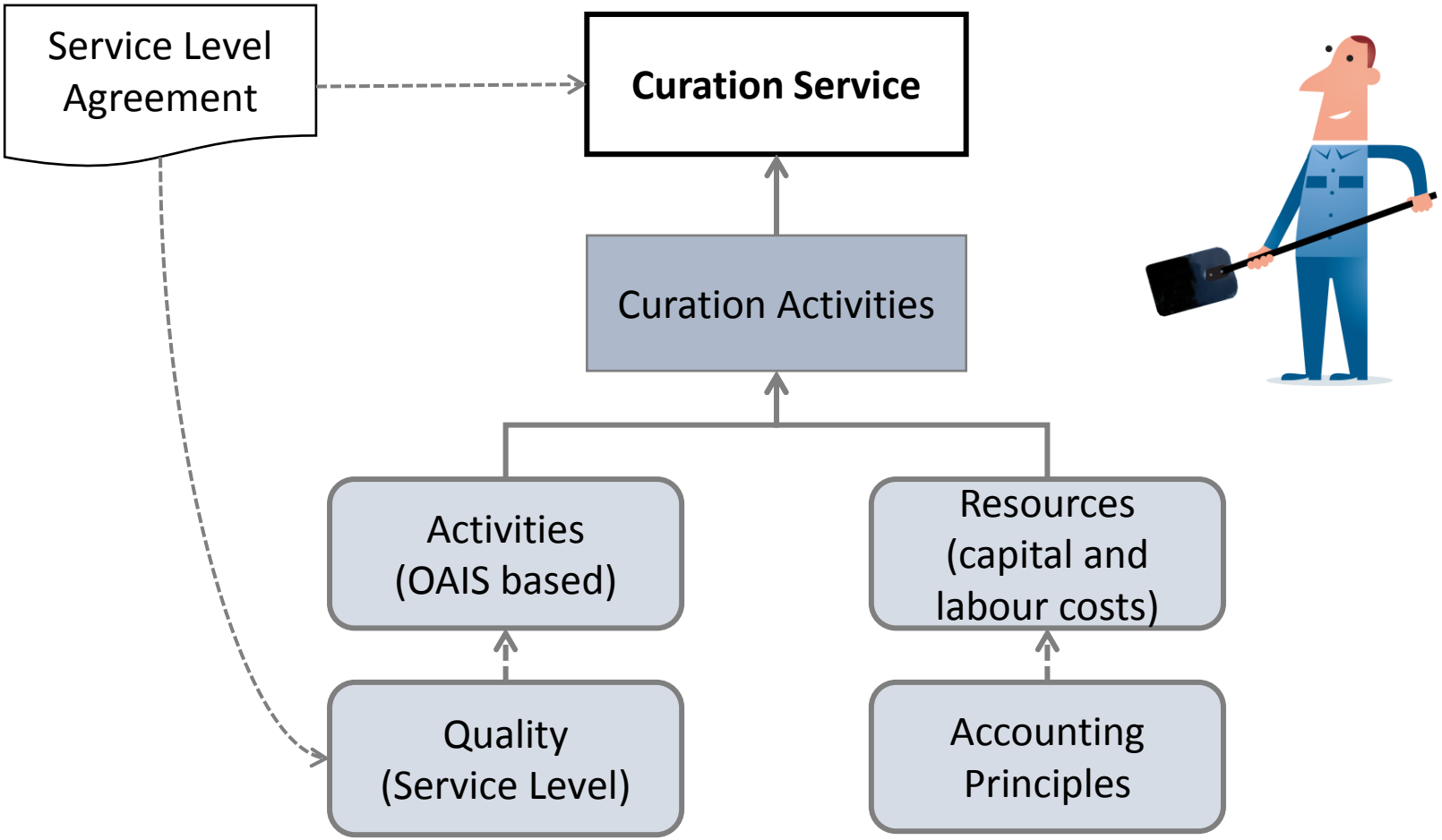
Service Provider

Framework of Cost & Benefit (C&B) Models



- Consumer perspective:
  - Business model for curation of cultural heritage
    - Costs (high level) of using the service – quality levels and cost drivers?
    - Benefits of using the service – value in relation to business objectives and risks?
- Provider perspective:
  - Business model for the curation service
    - Costs (detailed) of providing the service – cost drivers?
    - Benefits/revenues of providing the service? (profit/non-profit?)

Provider Cost Model

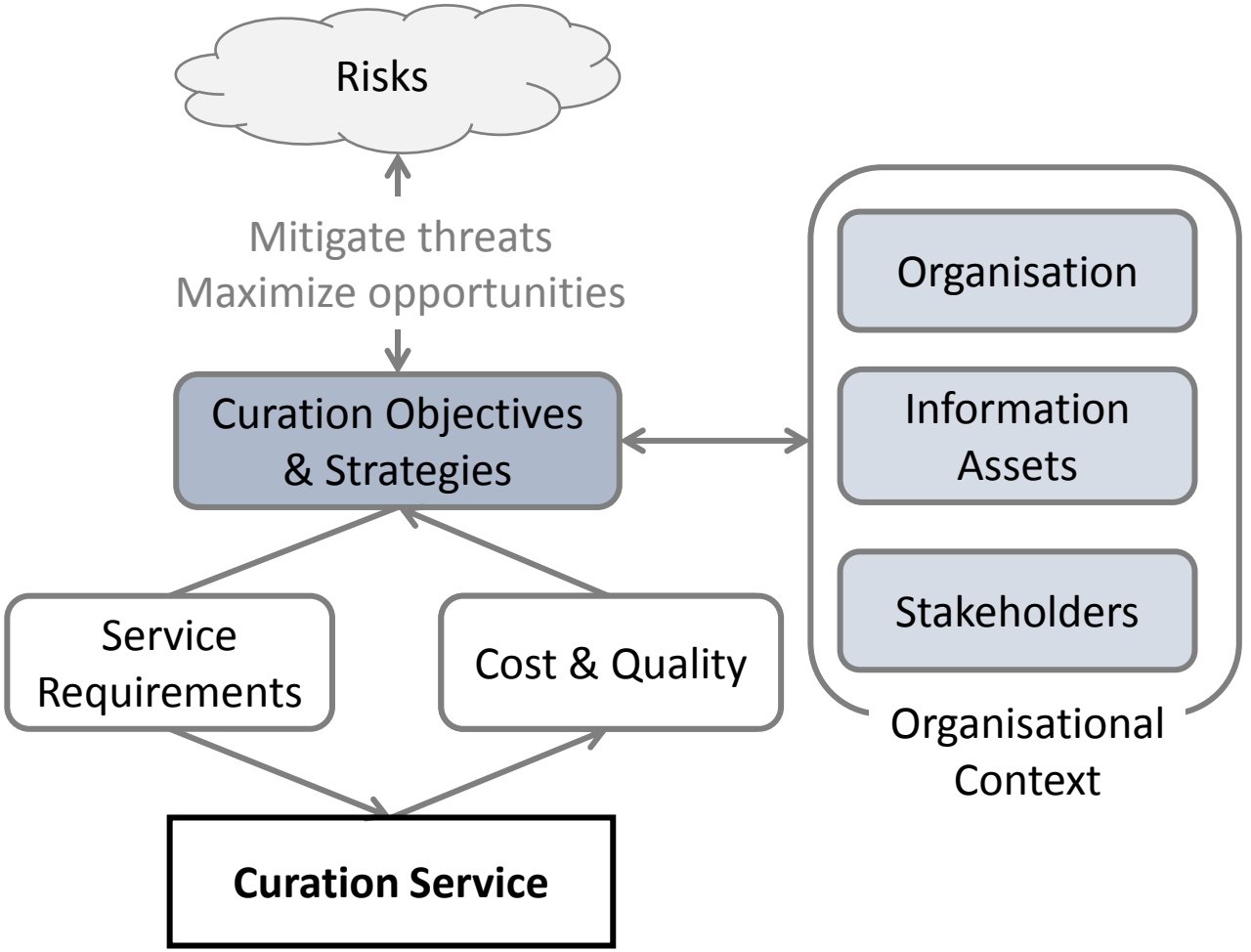


Cost of Digital Curation
The Royal Library, Copenhagen (2012)

Activities based on OAIS (functional entities/roles)	KB activity	K DKK	K EUR
	All activities	**119,000**	**15,760**
Production	Retro-digitization (NB 1630)	800	106
Pre-Ingest	Legal deposit collections (NB 1120)	1,700	225
	NB collections, other (NB 1220)	2,600	344
	UB collections (UB 3120)	66,600	8,821
Ingest	*Ingest costs included in Pre-ingest*		
Data Management	Library IT systems (FO 6120)	26,600	3,523
Archival Storage	Active preservation (NB 1420)	7,100	940
Preservation Planning	Preventive preservation (NB 1320)	600	79
Access	Loans (NB 1520)	300	40
	Loans (UB 3220)	1,500	199
Consumer (use/re-use)	Guidance (NB 1620)	5,500	728
	Guidance (UB 3320)	4,900	649
	Cultural arrangements (NB 1720)	800	106
Administration	*Adm. costs are included in Active preservation*		
Common Services	General IT systems (FO 6110)	Incl. proportionally	
Management	Management and administration (FO 5100)	Incl. proportionally	
	Buildings and security (FO 7100-7199)	Incl. proportionally	

Costs and Benefits of Curation Services

Consumer Cost & Benefit Model



Curation Costs Exchange

Understanding and comparing digital curation costs to support smarter investments

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All about the costs of curation

What am I spending, what are they spending, what should we be spending?

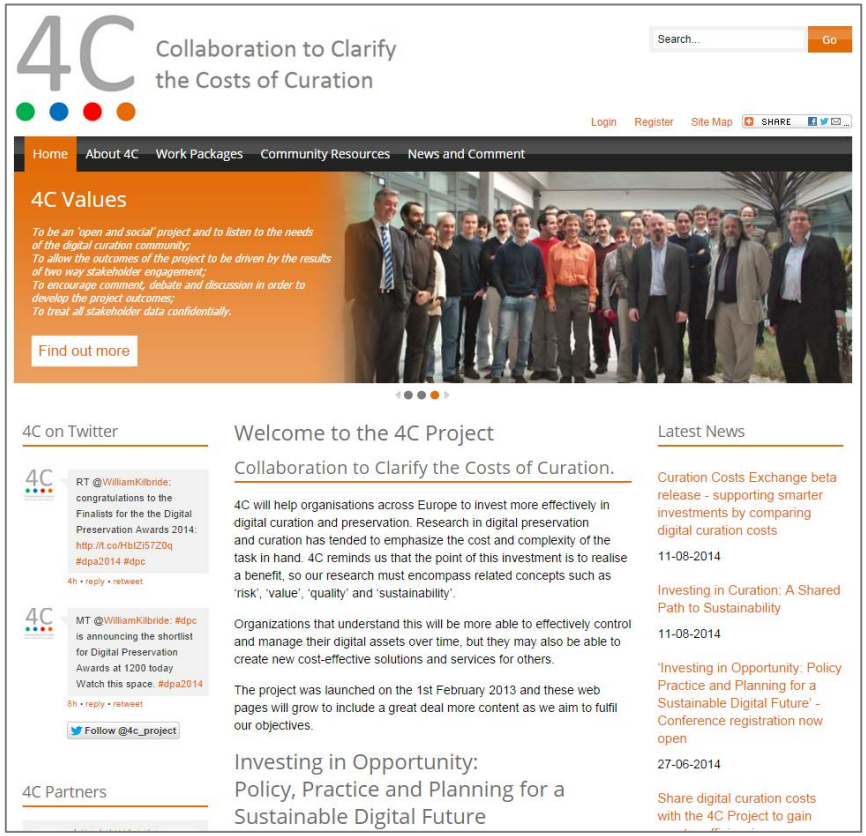
Understand costs

Assessing your costs and using cost models to make smart investments

Compare costs

Add your curation costs and see how they compare with others

Acknowledgements



www.curationexchange.org

www.4cproject.eu

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