



How to reconcile E-ARK & FRBR standards for the preservation of publications?

The approach of the Publications Office of the EU

10 years of eArchiving: Reflections and insights for the next decade

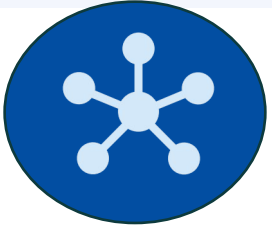
29 May 2024

Corinne FRAPPART

Outline



- **The Publications Office**



- **Modelling of the publications in the archive**



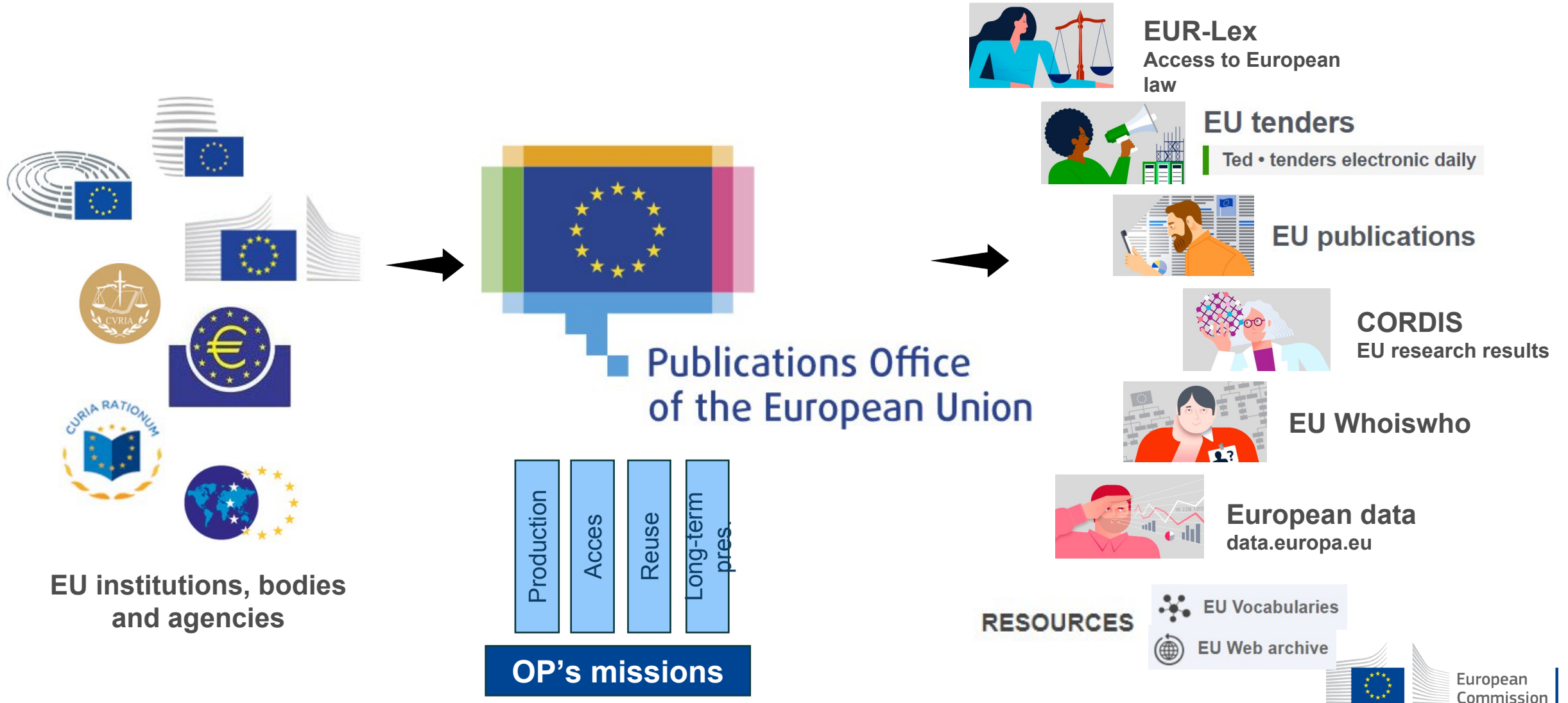
- **Limits of the model**



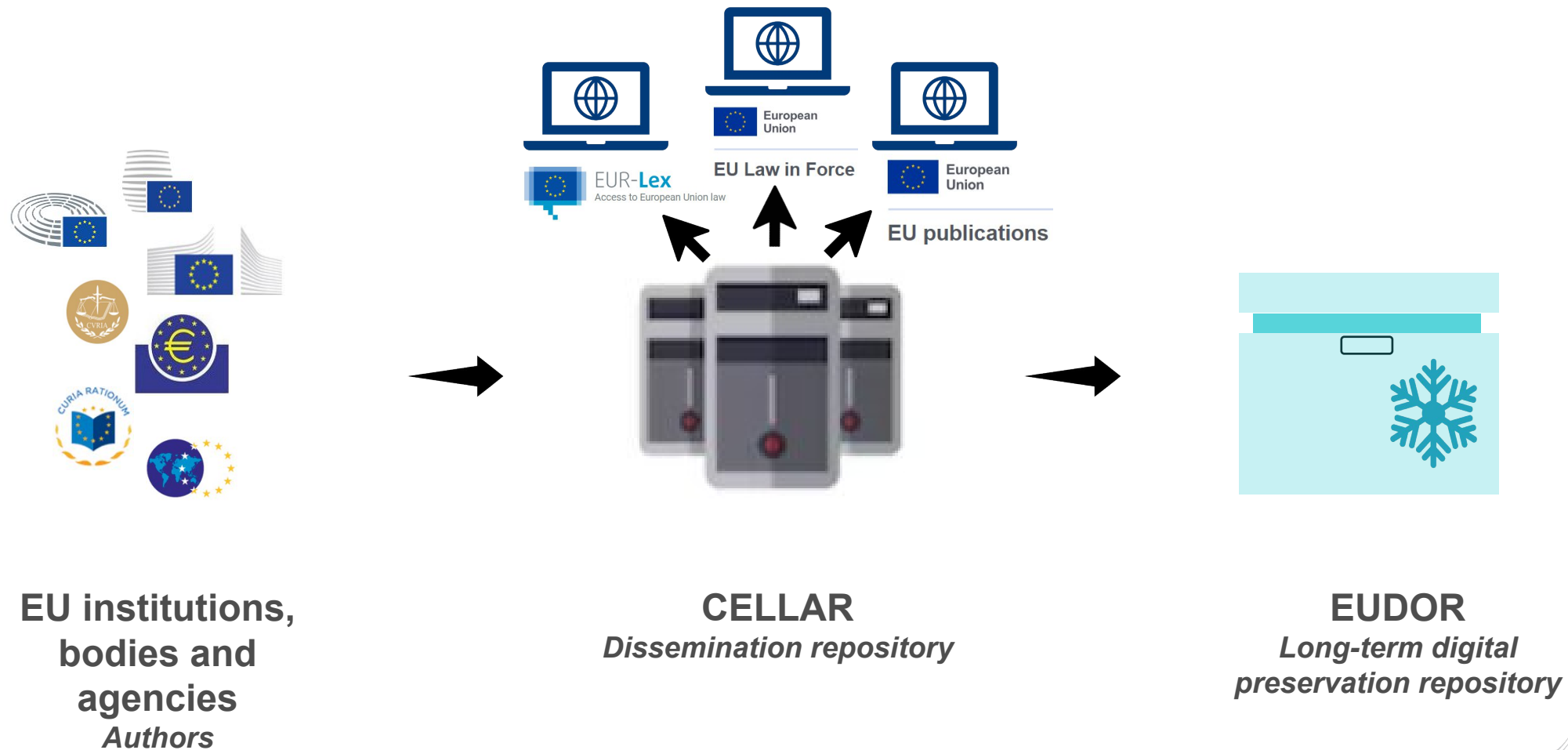
- **Conclusion**

The Publications Office of the EU

OP – Mission and activities



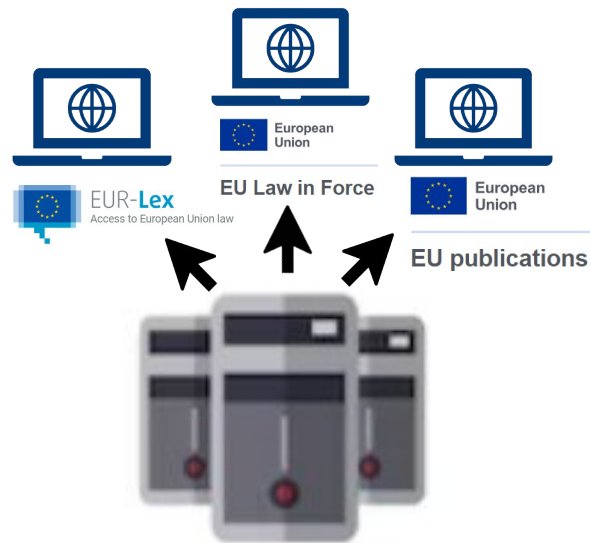
OP's digital preservation workflow



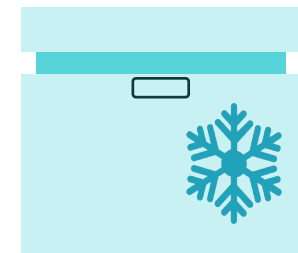
Modelling of the publications in the archive

OP - Applied standards

FRBR *Functional Requirements for Bibliographical Records*

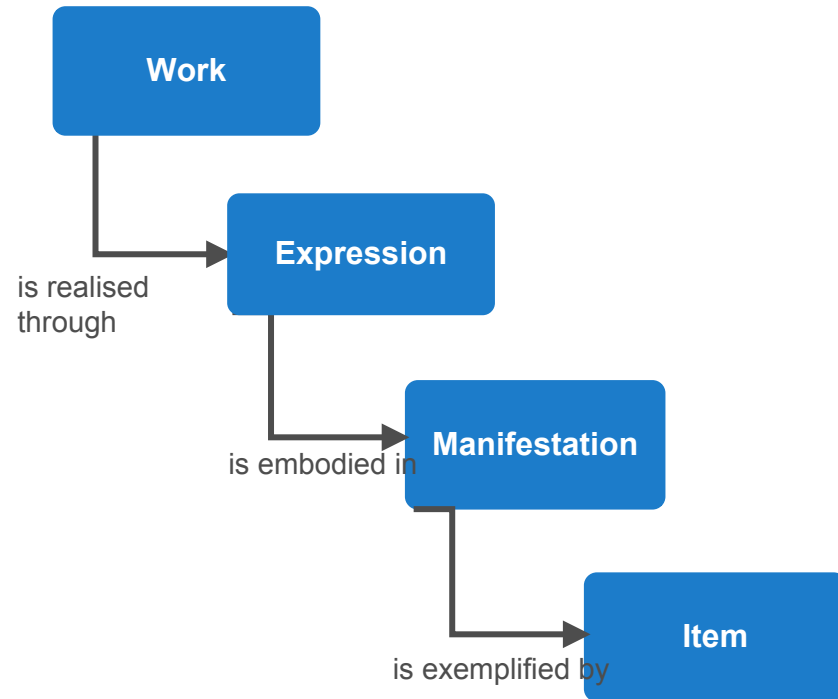


CELLAR
Dissemination repository



EUDOR
*Long-term digital
preservation repository*

The FRBR standard

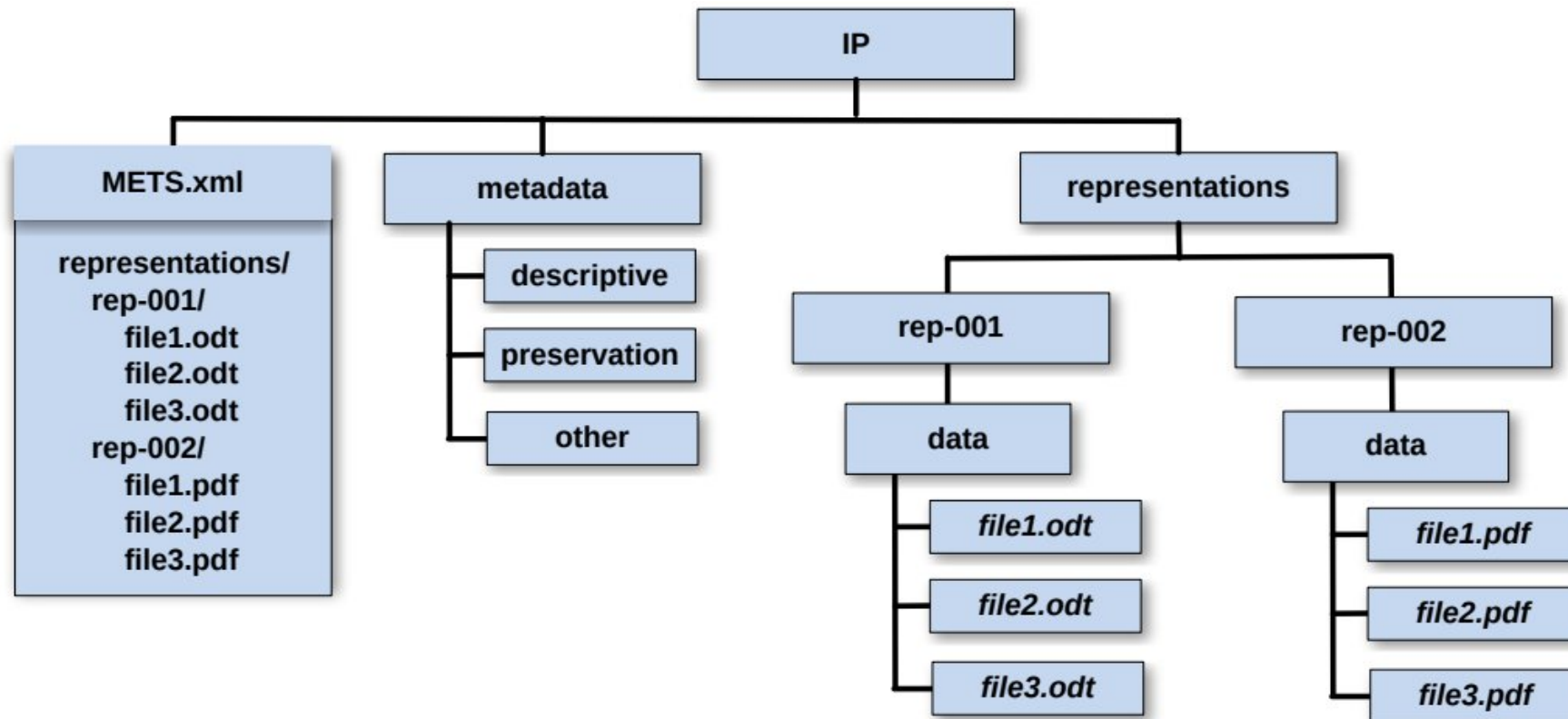


BG ES CS DA DE ET EL EN FR GA HR IT LV LT HU MT NL PL PT RO SK SL FI SV



Source:
<https://repository.ifla.org/bitstream/123456789/811/2/ifla-functional-requirements-for-bibliographic-records-frbr.pdf>

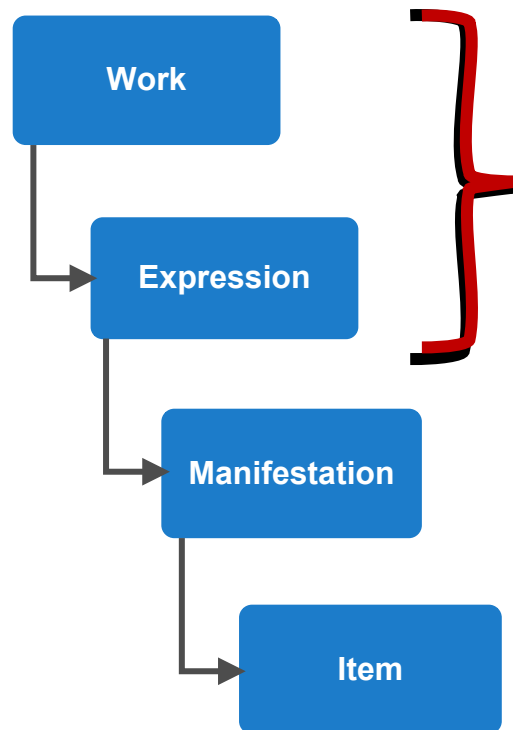
The E-ARK standard



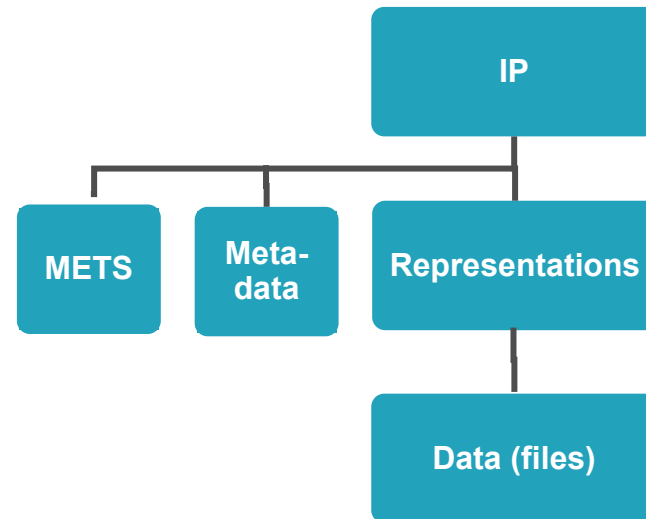
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OP – Mapping btw. FRBR and E-ARK (1)

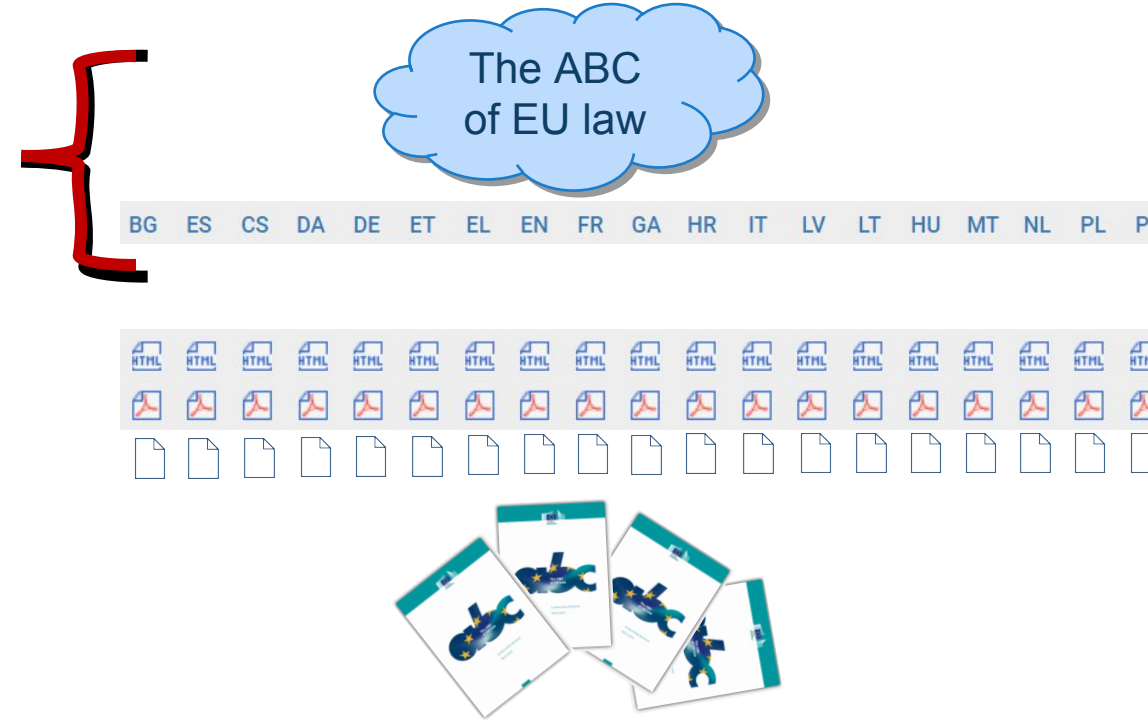
FRBR



E-ARK

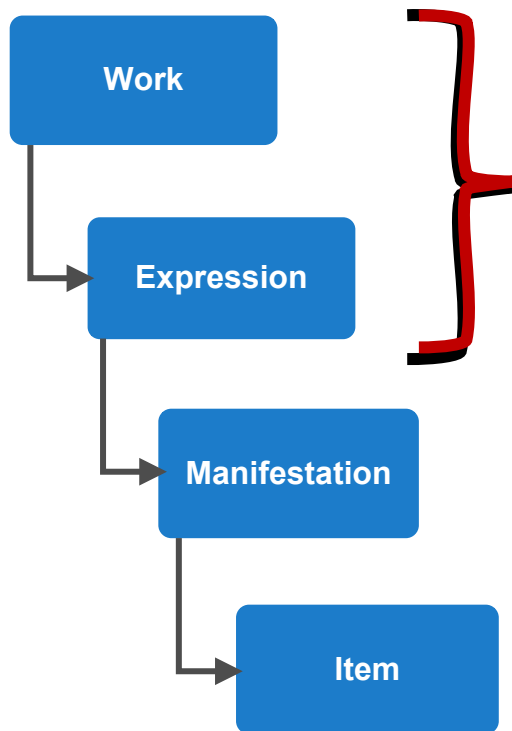


Example

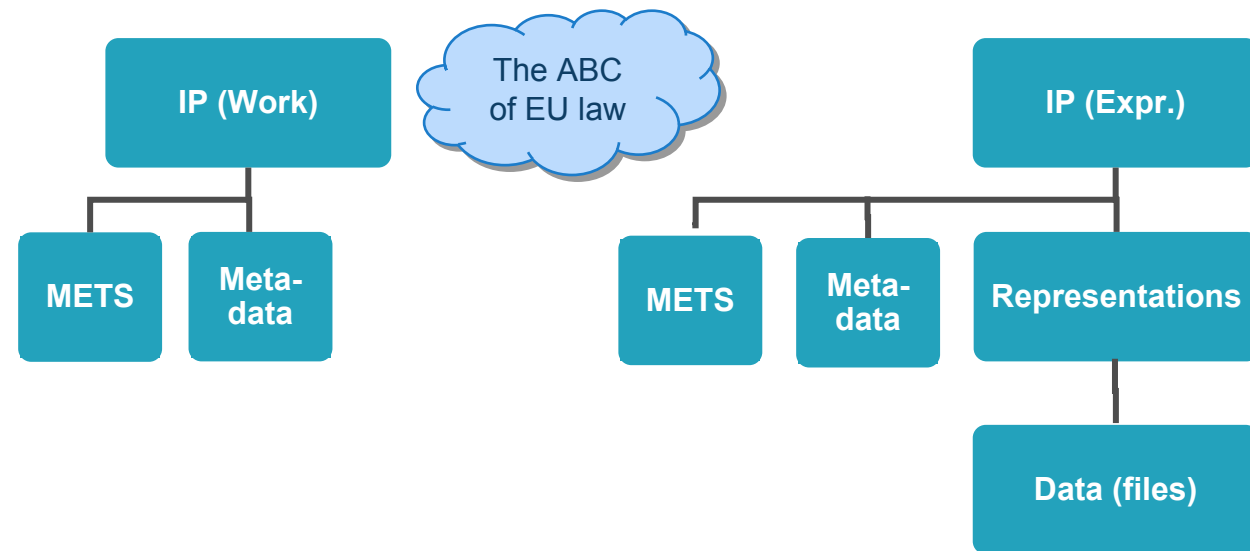


OP – Mapping btw. FRBR and E-ARK (2)

FRBR



E-ARK

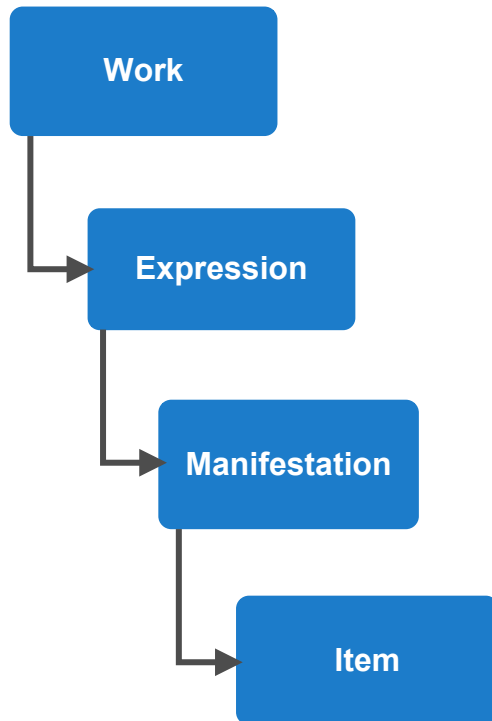


Example

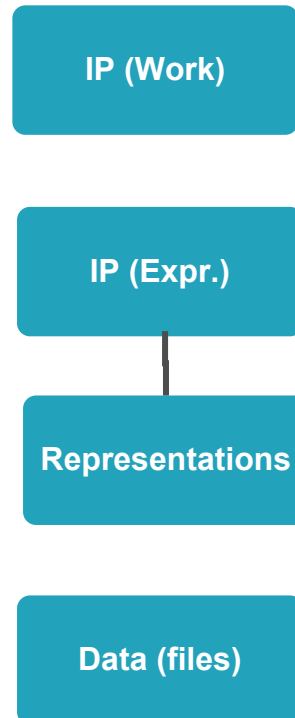


OP – Statistics

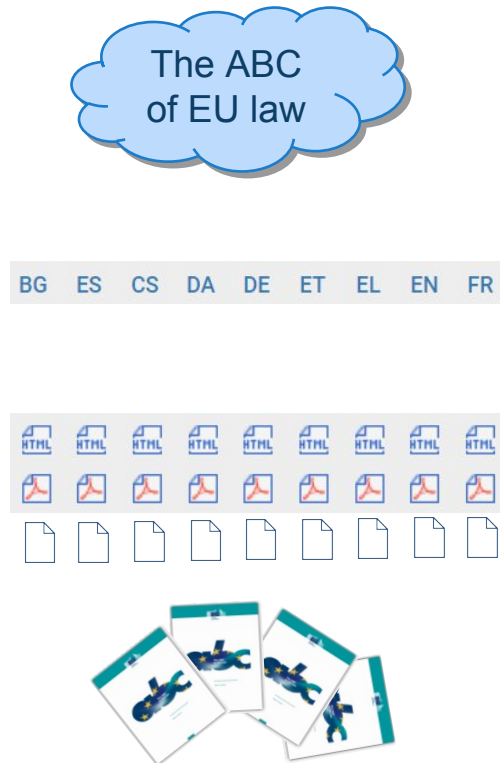
FRBR



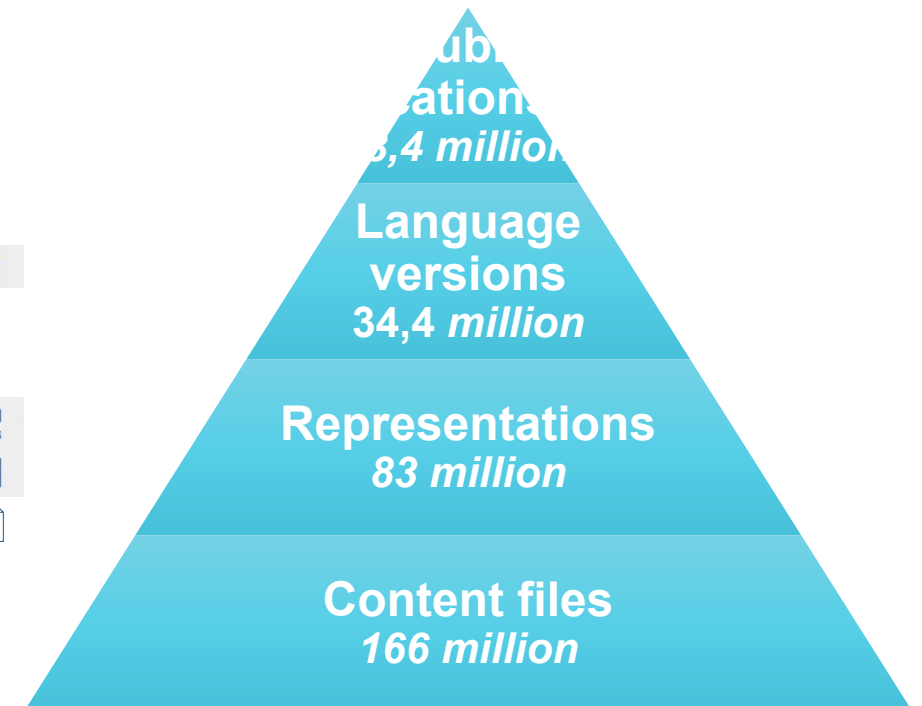
E-ARK



Example

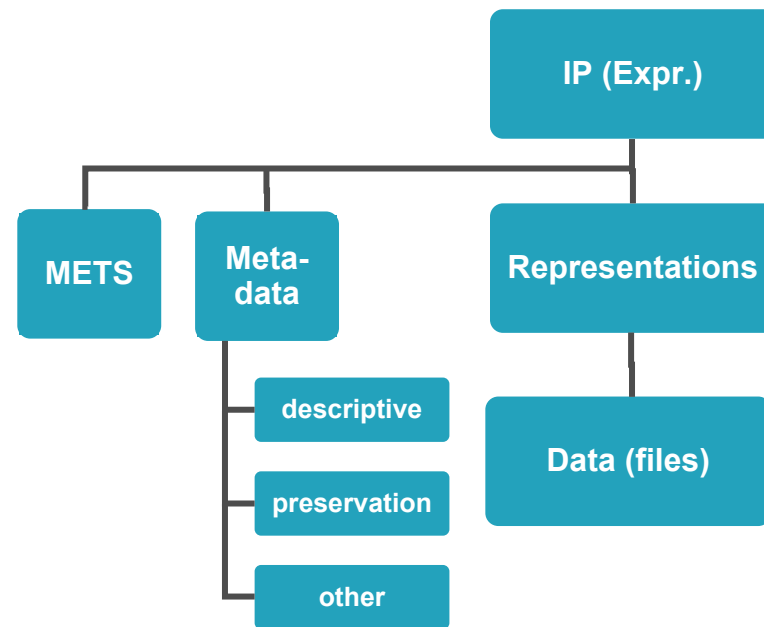
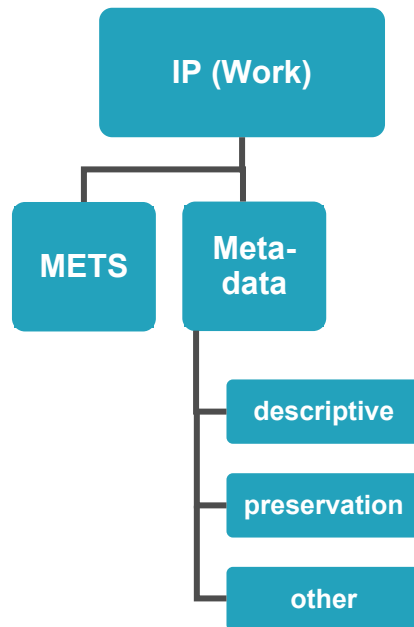


EUDOR content (30.4.2024)



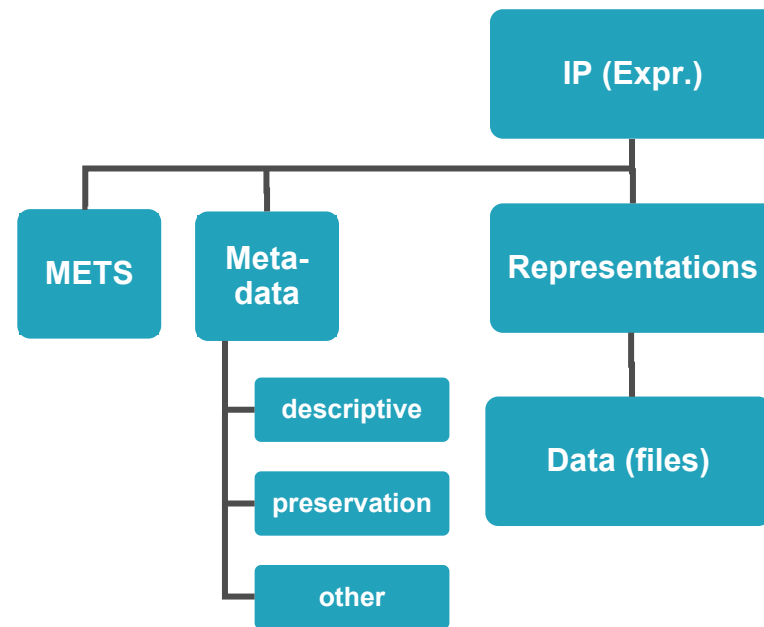
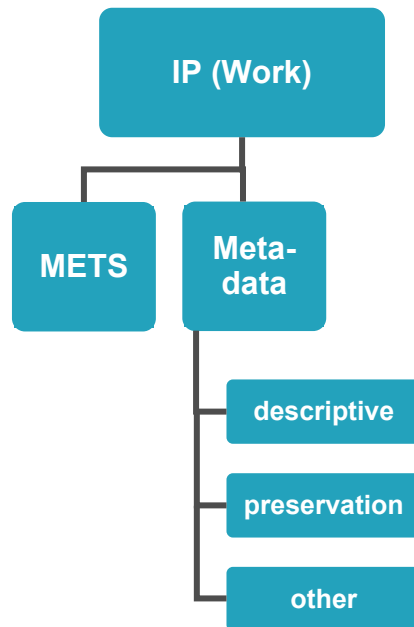
Limits of the modelling

Impact of the number of languages



X 24
(legal texts)

Mitigation



X 1
(procurement notices)

Conclusion

Conclusion

- The mapping between FRBR (4 levels) and E-ARK (3 levels)
 - is perfectly possible
 - Should be adapted in function of the type and volume of documents

Thank you



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