

National Initiatives for Open Science in Europe



Research Data Management:
NI4OS –Europe toolbox and good practices at EOSC

Legal Aspects of ORDM

Marianna Katrakazi
Legal Associate, ATHENA RC

Open Science: Global science, global benefits



New knowledge published openly is rapidly diffused internationally

International knowledge



Numerous open globally-scoped repositories (Zenodo, DataHub DANS) move away from centralization

Diversity of data ecosystem

Open Science: Global science, global benefits



Better quality of data

International collaboration stimulates creativity.

Public benefit

Access to science with important implications for society (i.e. climate science)

New forms of **collaborative science**
(crowdsourcing)

FAIR practices in Open Science



FINDABLE

Data has rich metadata and unique identifier



ACCESSIBLE

Data can be easily downloaded or used by using standard protocols



INTEROPERABLE

Metadata use an accessible and standard language



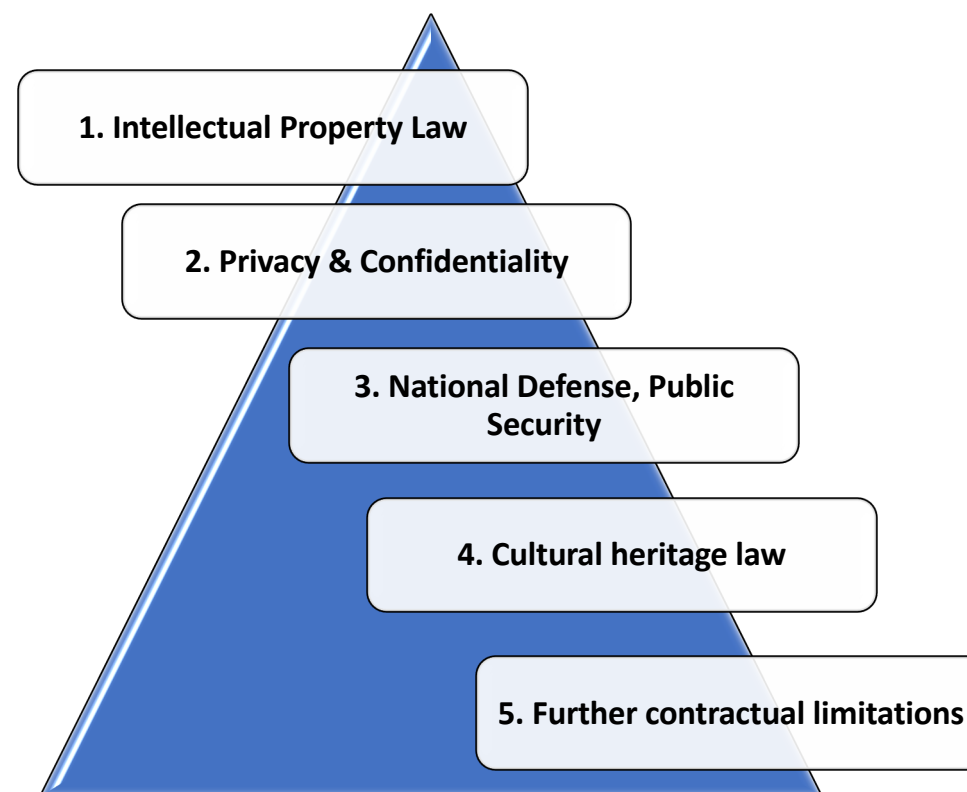
REUSABLE

Data is well-described and provides clear usage of licences

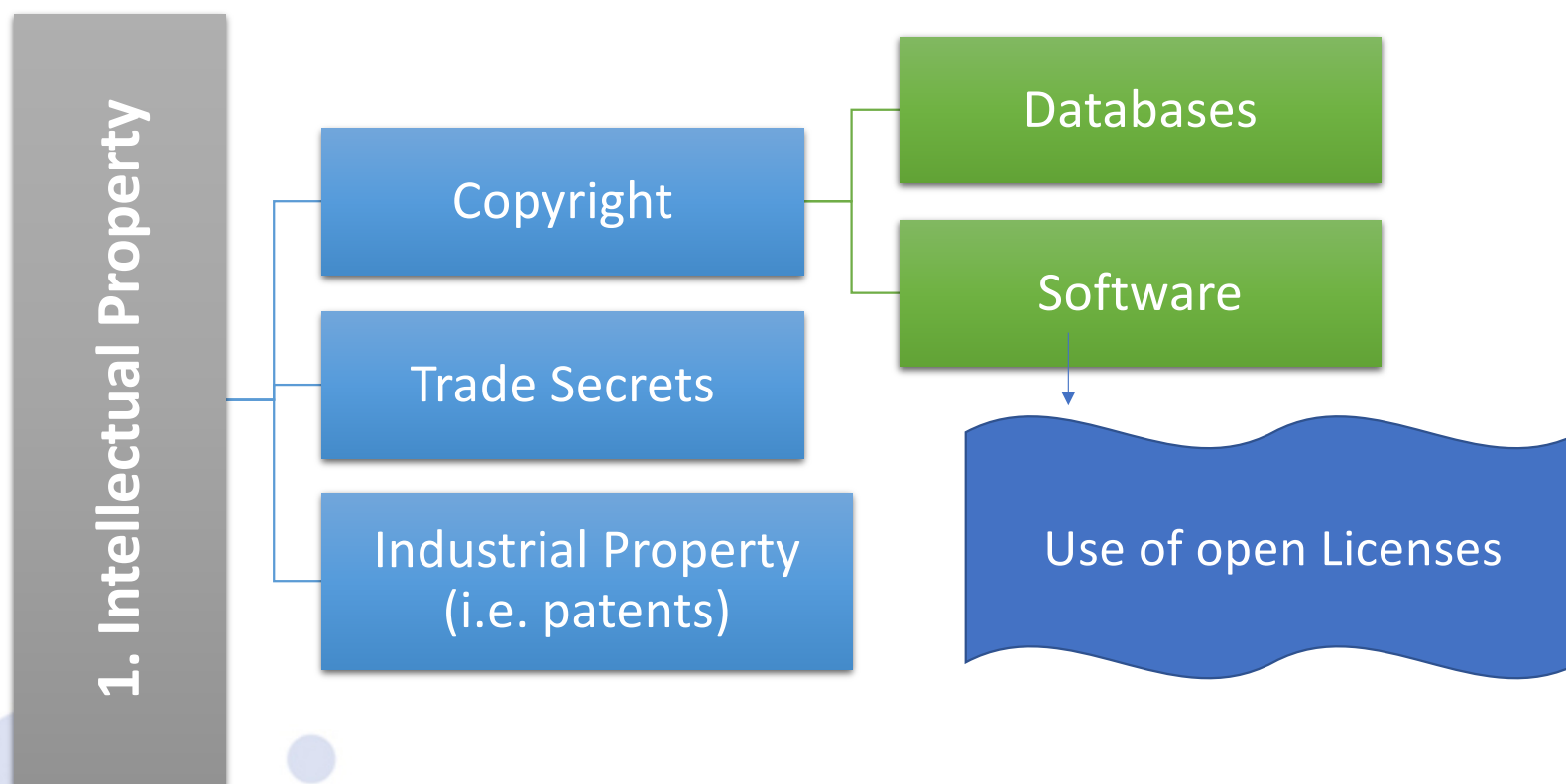
FAIR & Legal boundaries

Open data should be “As open as possible, as closed as necessary”

What does this mean ?



FAIR & Legal boundaries



2. Privacy & Confidentiality

Contractual
obligation

Statutory obligation

Non-disclosure
agreements

Personal Data
Protection
(GDPR)

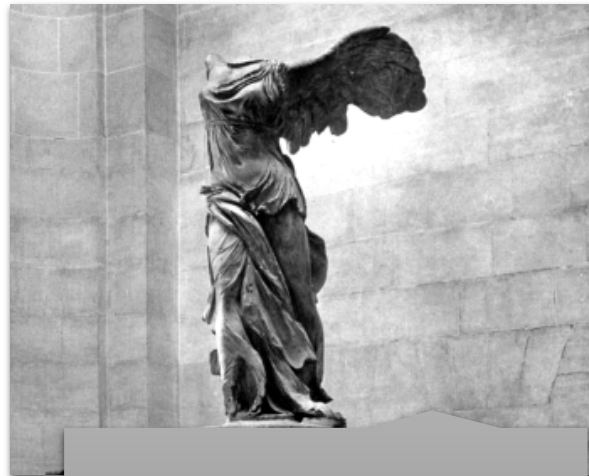
Commercial
confidentiality
(i.e. medical etc.)

Statistical
confidentiality

FAIR & Legal boundaries



**3. National Defense,
Security or Public Security**



4. Cultural heritage law



**5. Further contractual
limitations**

Legislation on Open Data - Greece

Directive (EU) 2019/1024 on open data and the re- use of public sector information

- Recital 28
- Art. 1 “Subject matter and scope”

Greek Law 4727/2020 on Digital Governance

- Art. 59 par. 4 “Subject matter and scope”

Digital
Transformation
Bible 2020-2025
Greece

Thank you!



On behalf of the ATHENA Team

Panagiota Koltsida, Marianna Katrakazi, Christos Liatas,
George Panagiotopoulos, Elli Papadopoulou, Electra Sifakaki,
Panoraia Spiliopoulou, Eleni Toli

Join NI4OS-Europe Community:

<https://ni4os.eu/contact-us>

