

OpenAIRE Graph and OpenCitations: integration and news

Miriam Baglioni, Alessia Bardi CNR - ISTI



#### **Outline**

- New documentation website
  - https://graph.openaire.eu/docs/
- Building the graph and integration with OC (COCI)
- New dumps published on Zenodo
- Beginner's kit
  - Zenodo upload
  - Have a look at the <u>Zeppelin notebook</u>





#### **Graph Dumps**

- Complete (<a href="https://doi.org/10.5281/zenodo.3516917">https://doi.org/10.5281/zenodo.3516917</a>)
  - 148M publications, 19M datasets, 300K software, 6M other research products, 4.6B relations, 2.9M projects,...
- Sub-graph dumps
  - OpenAIRE COVID-19 (<a href="https://doi.org/10.5281/zenodo.3980490">https://doi.org/10.5281/zenodo.3980490</a>)
  - Funded products (<a href="https://doi.org/10.5281/zenodo.4559725">https://doi.org/10.5281/zenodo.4559725</a>)
  - Delta projects (<a href="https://zenodo.org/record/7561801">https://zenodo.org/record/7561801</a>)
  - Research communities, initiatives and infrastructures (<a href="https://doi.org/10.5281/zenodo.3974604">https://doi.org/10.5281/zenodo.3974604</a>)





## Beginner's Kit

- A dataset of six months of published results, their connected entities, and relations (<a href="https://zenodo.org/record/7490192">https://zenodo.org/record/7490192</a>)
  - 2.6M publications, 128K datasets, 27K software, 22.7K other research products, 15.7K projects, 14M relations, ...
- A Zeppelin notebook (<a href="https://zeppelin.apache.org/">https://zeppelin.apache.org/</a>) to analyze the data and reply to research questions
  - Have a look at the Zeppelin notebook

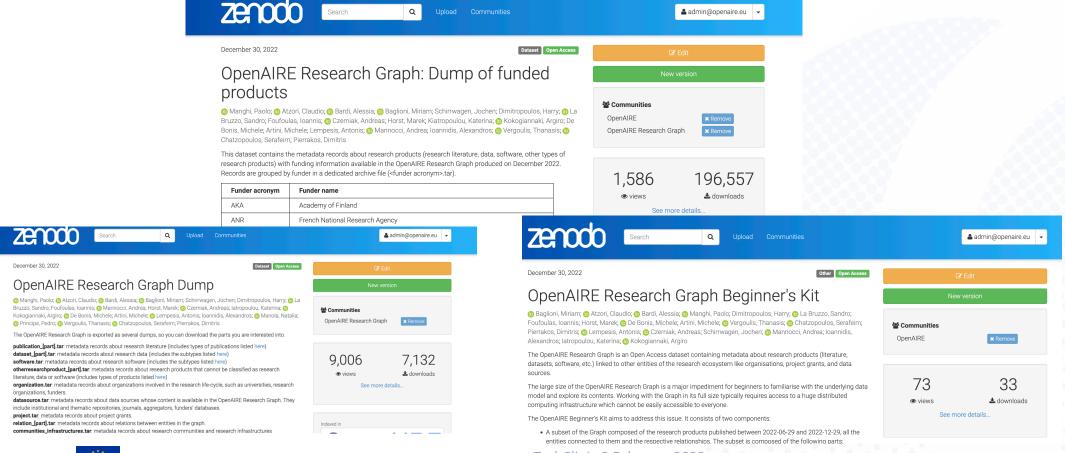






### Outlook and next steps

Integration of OC – POCI (pmid – pmid)







# Email miriam.baglioni@isti.cnr.it alessia.bardi@isti.cnr.it

