

INTERNATIONAL ASSOCIATION OF SCIENTIFIC, TECHNICAL & MEDICAL PUBLISHERS

## To be Open, Understandable and Re-usable, Research Data needs integration with Scholary Publishing

Eefke Smit

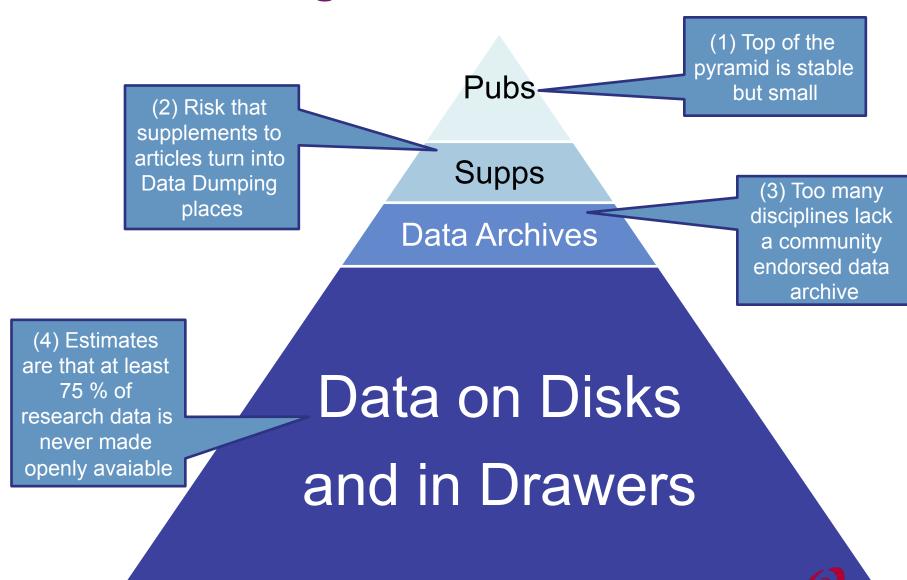
International Association of STM Publishers

Director, Standards and Technology

EC public consultation on Open Research Data Brussels, 2 July 2013

Digital Science Unit, Directorate-General for Communications Networks, Content and Technology (CONNECT.C3)

## **Data Publishing now:**





## For real open sharing, Research Data needs integration with scholarly literature This means that Data needs:

- To be findable and accessible in archives
- Good quality assurance
- To be understandable for provenance and trust
- Permanent and stable connections to and from publications
- Persistent IDs
- To be cited and be citable for credits
- To be re-usable by good preservation and data management

The Ideal Pyramid (1) More integration of text and data, viewers Data and seamless links to interactive datasets (2) Only if data cannot be **Publications** integrated in (3) Seamless links article, and only (bi-directional) relevant extra Article Supps between explanations publications and data, interactive viewers within the (4) More Data articles Journals that **Data Archives** describe datasets, data mgt plans and data methods Data on Disks and in Drawers Opportunities for Data Exchange