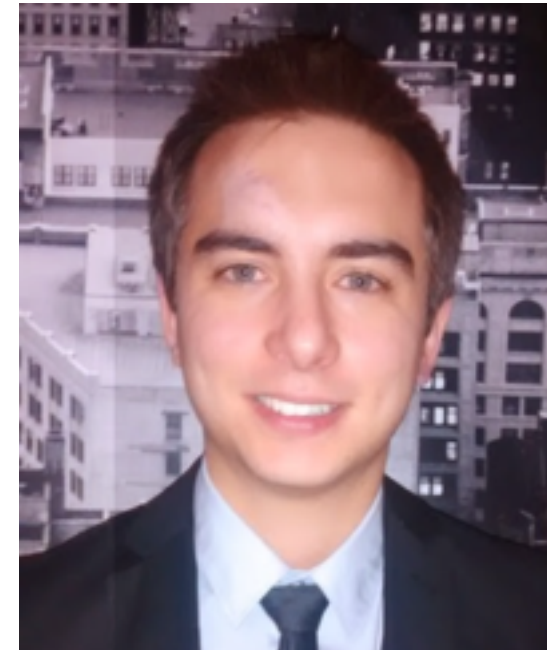


Graasp.net

Spreading Knowledge



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lem.epfl.ch



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FÉDÉRALE DE LAUSANNE



The Graasp.net project is a collaboration on knowledge sharing between EPFL, MSF (NGO context) and the European Commission (learning context)



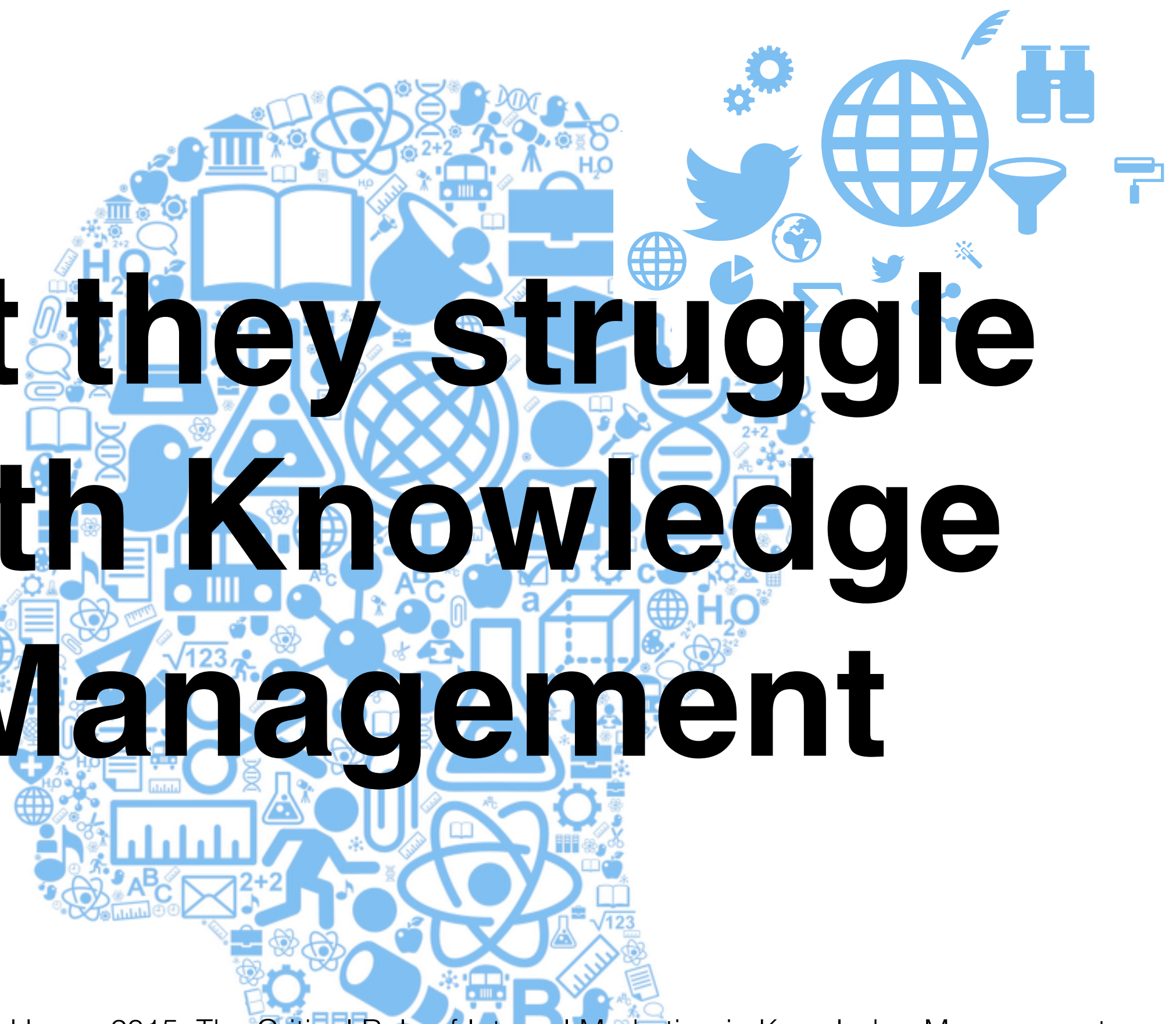
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NGOs are knowledge intensive

, P. C. Seixas, P. G. Lemos, and C. Kimble (2006), Knowledge
ations, In Enterprise Information Systems VII. Springer, 121–13

de Vasconcelos, J. B., P. C. Seixas, P. G. Lemos, and C. Kimble (2006), Knowledge management in non-governmental organisations, In *Enterprise Information Systems VII*. Springer, 121–130.



Yet they struggle with Knowledge Management

Craig Hume and Margee Hume. 2015. The Critical Role of Internal Marketing in Knowledge Management in Not-for-Profit Organizations. *Journal of Nonprofit & Public Sector Marketing* 27, 1 (2015), 23–47.



Workers **waste time** looking for information



Know how is only available in the head of **few people**



Knowledge sharing often means giving up power



High turnover exacerbates the issue

MISTEAK
MISTEAK
MISTEAK

Increased cost of **repeating errors** that could be avoided if previous experience was taken into account

Graasp supports knowledge management for development NGOs

Vozniuk, A., A. Holzer, S. Govaerts, J. Mazuze, and D. Gillet (2015), Graspeo: a social media platform for knowledge management in NGOs, In ICTD'15 (p. 63). ACM.

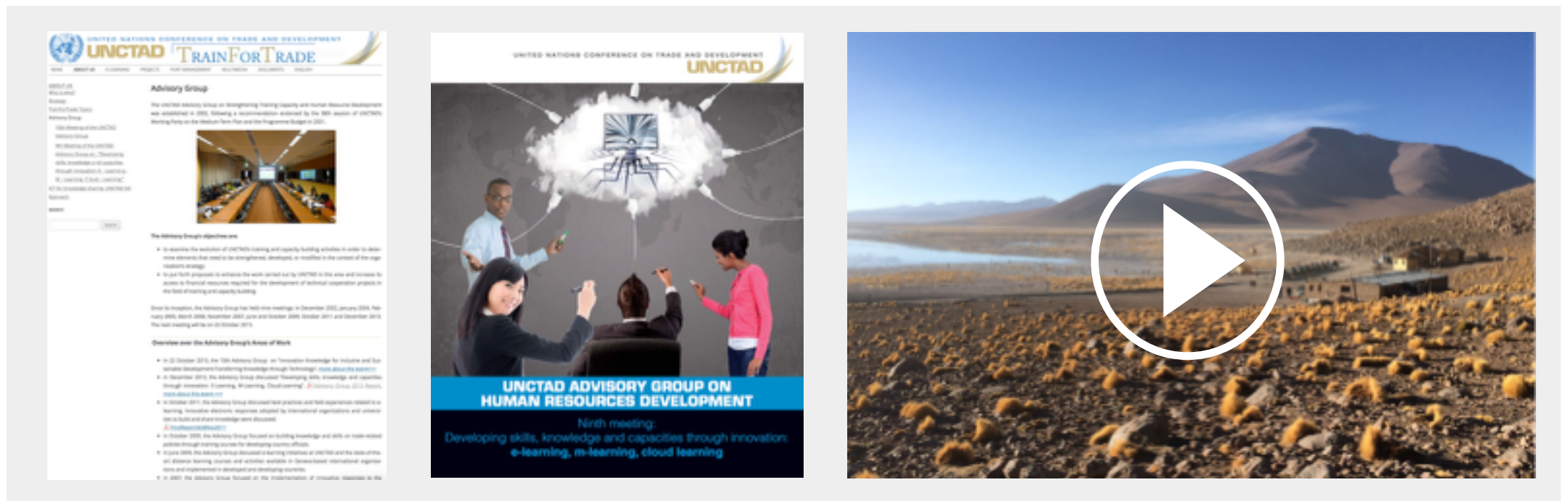
Levels of KM Support

Public good level

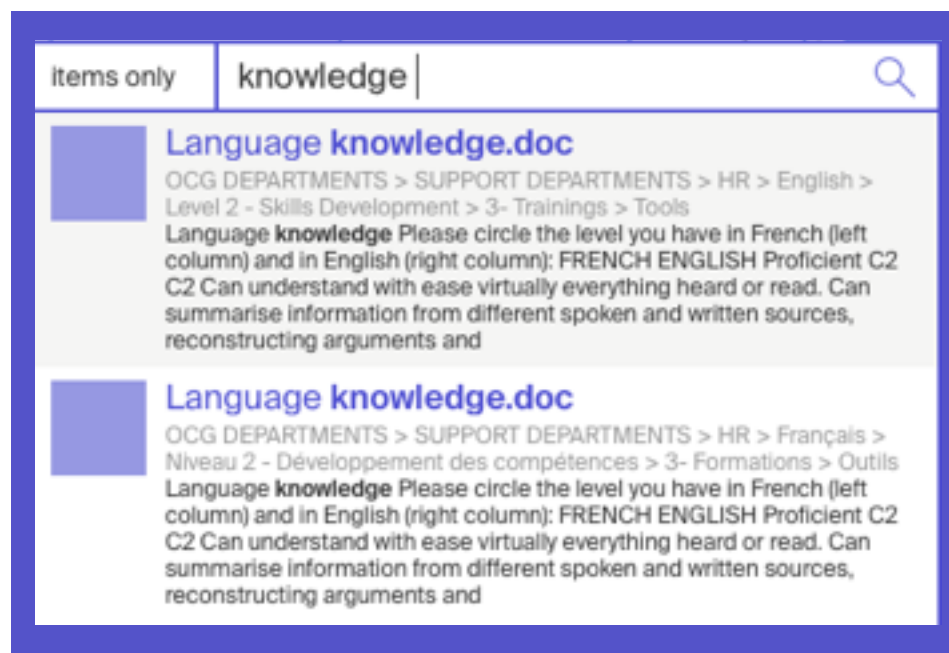
Social media level

Technical level

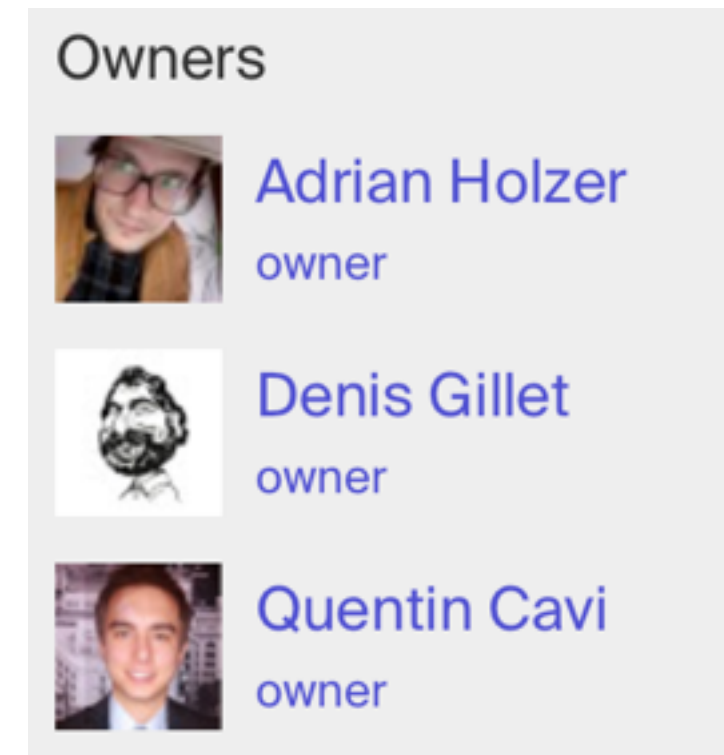
Cummings, S., B. Regeer, W. Ho, and M. Zweekhorst (2013), Proposing a fifth generation of knowledge management for development: investigating convergence between knowledge management for development and transdisciplinary research, Knowledge Management for Development Journal, 9(2), 10-36.



Heterogenous Data aggregation



Federated search

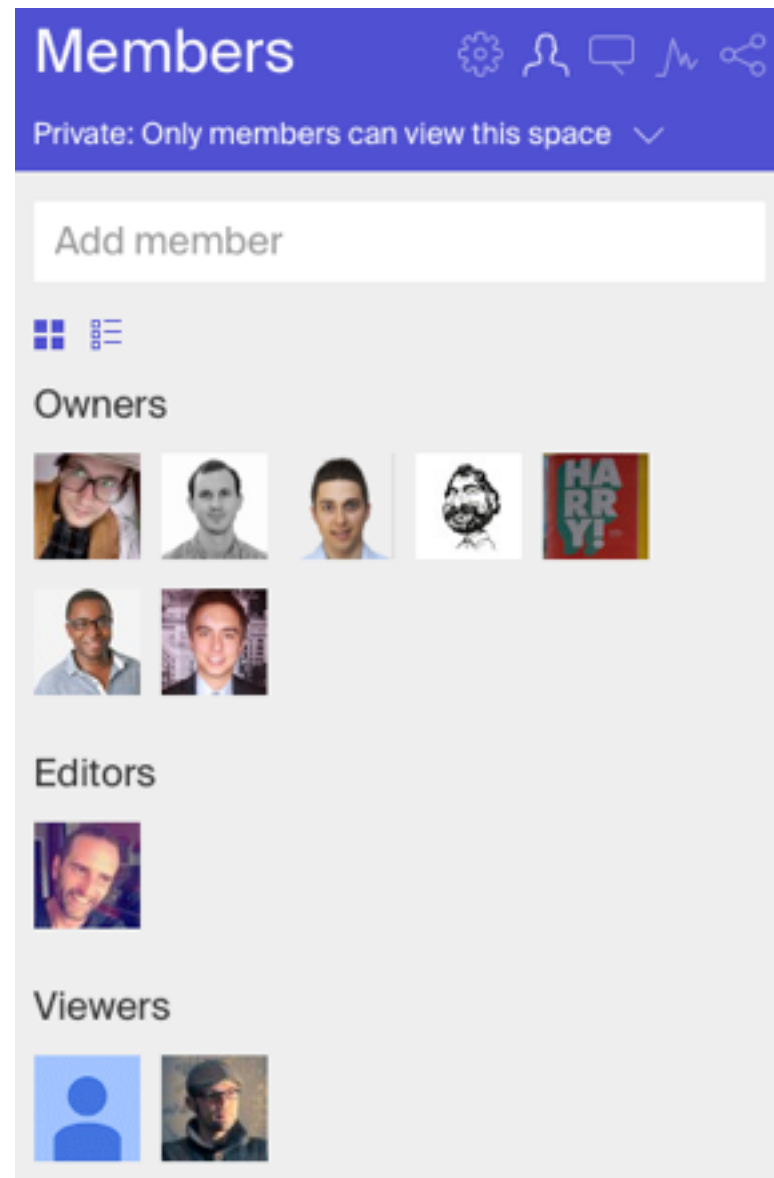


Decentralized ownership

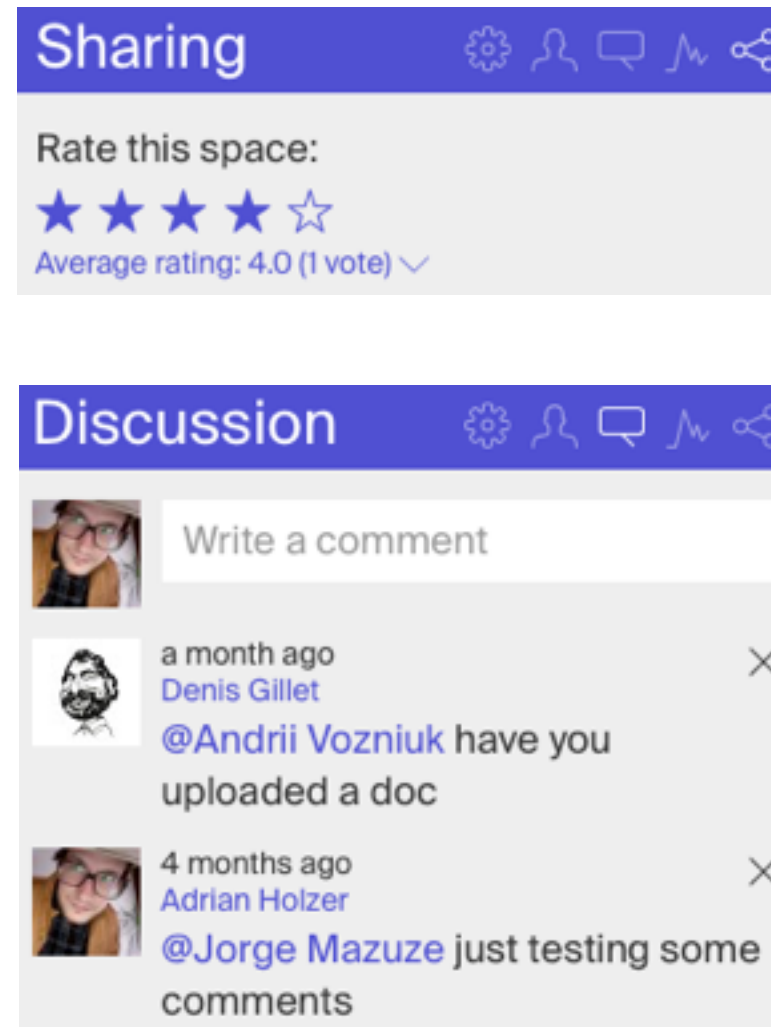
The spirit of Graasp: aggregation of distributed resources, skilled people, modalities and analytics, flat hierarchies, and mission-oriented shared spaces.



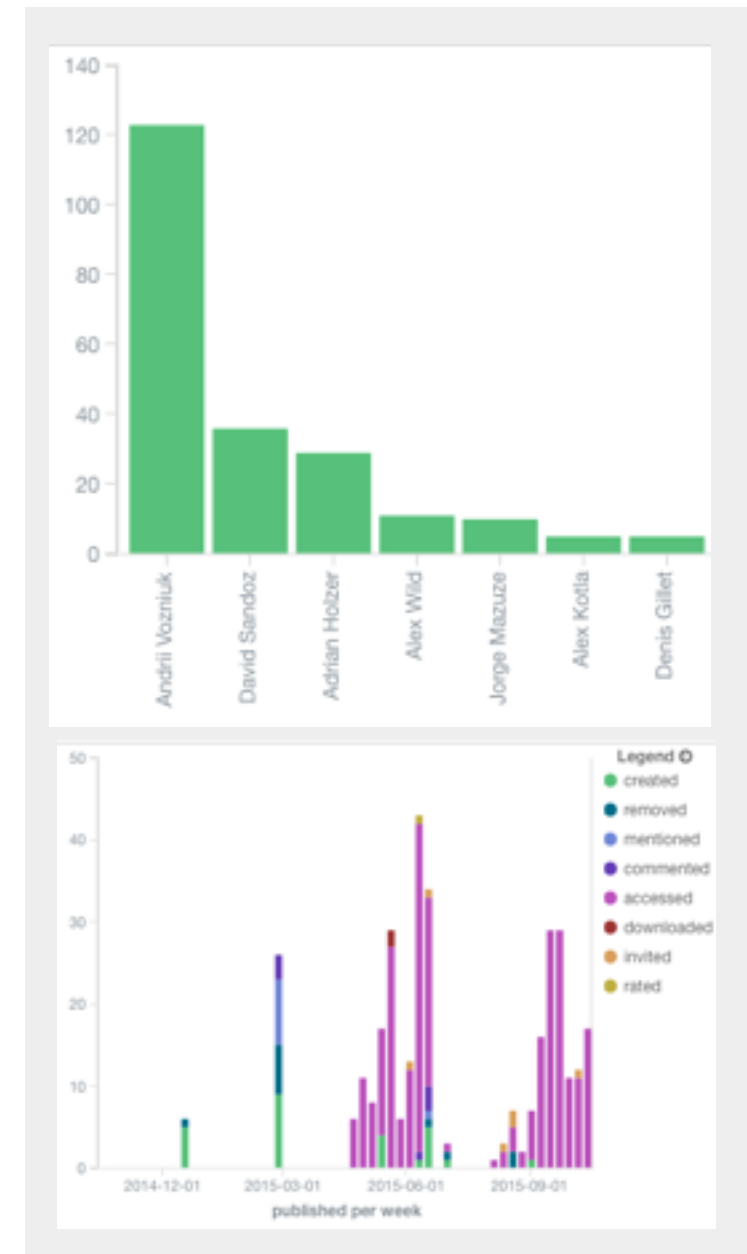
Social media level



Open
Collaboration



Social media
features



Contextual
analytics

Graasp's target scenarios range from Personal Learning Environment with Open Educational Resources to Knowledge Management with social media features and **contextual analytics**.



Public good level



Participatory design and decision making through **non-profit association** and interdisciplinary teams



For open access for **cross organisation** collaboration

A **public good** is a good that can be consumed by one individual without reducing the potential amount available for others. Knowledge is an example of such a good.

Open Research Challenges

**How can Big Data
help improve
knowledge
Transfer?**



Summary



Knowledge management is crucial for NGOs, yet knowledge management is hard.



The Graasp.net project aims to support e-learning activities and knowledge management in NGOs up to the highest public good level.



Big data analytics will allow to further foster adoption by helping to understand scenarios and culture and provide incentives