

VISUALISATION RESEARCHER COLLABORATION & LINKAGE USING ORCID DATA AND RESEARCH GRAPH

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Consortium Lead
Organization





Community Driven

A unique PID for researchers

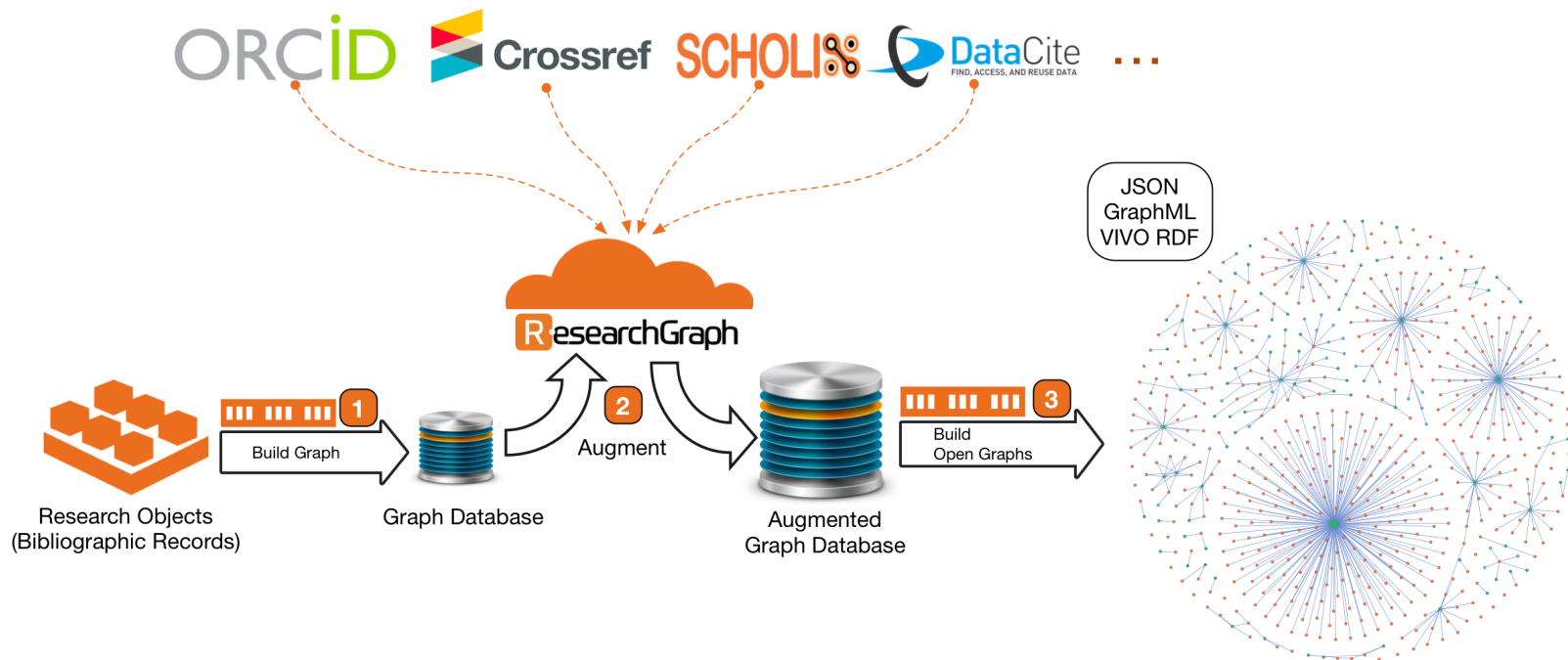
Free for researchers

ORCID'S VISION IS A WORLD WHERE ALL WHO PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME, DISCIPLINES, AND BORDERS.

Research Graph Foundation

- Promote open scholarly communication networks.
- Develop
 - open interoperability frameworks to connect research information services.
 - open collaborative projects toward enabling and promoting open scholarly communication network.

Augment API





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ResearchGraph

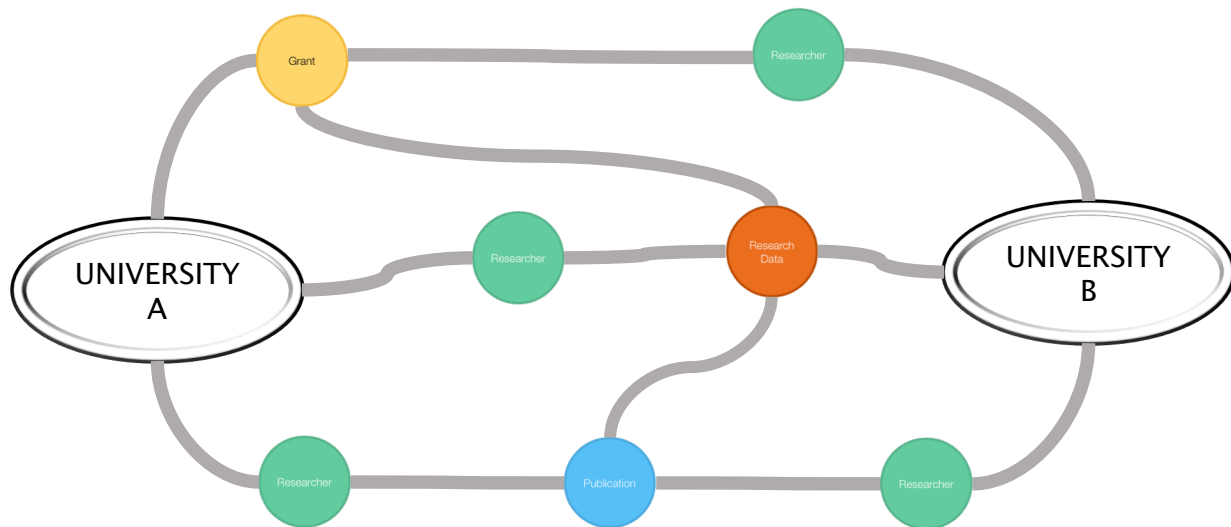


**Research Graph
Collaboration Score (RGCS)**

Really Good Chicken Soup (RGCS)



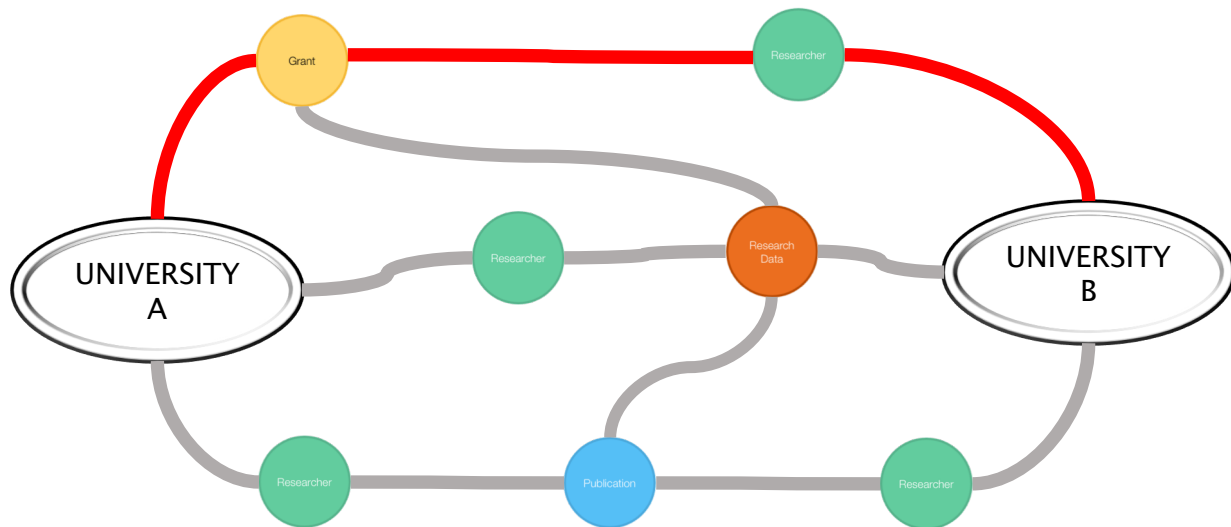
RESEARCH GRAPH COLLABORATION SCORE



LEGEND



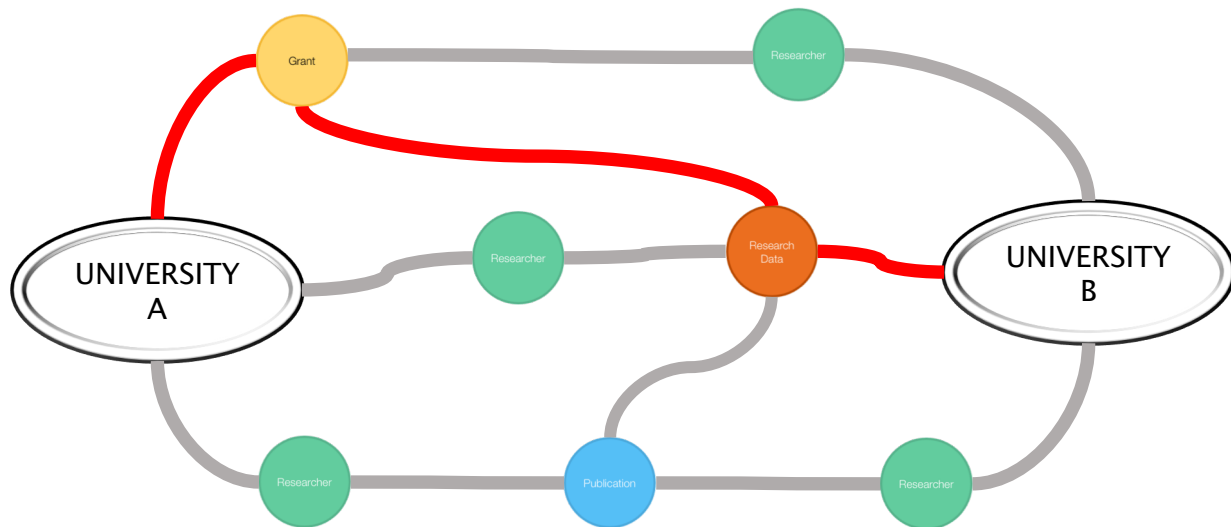
RESEARCH GRAPH COLLABORATION SCORE



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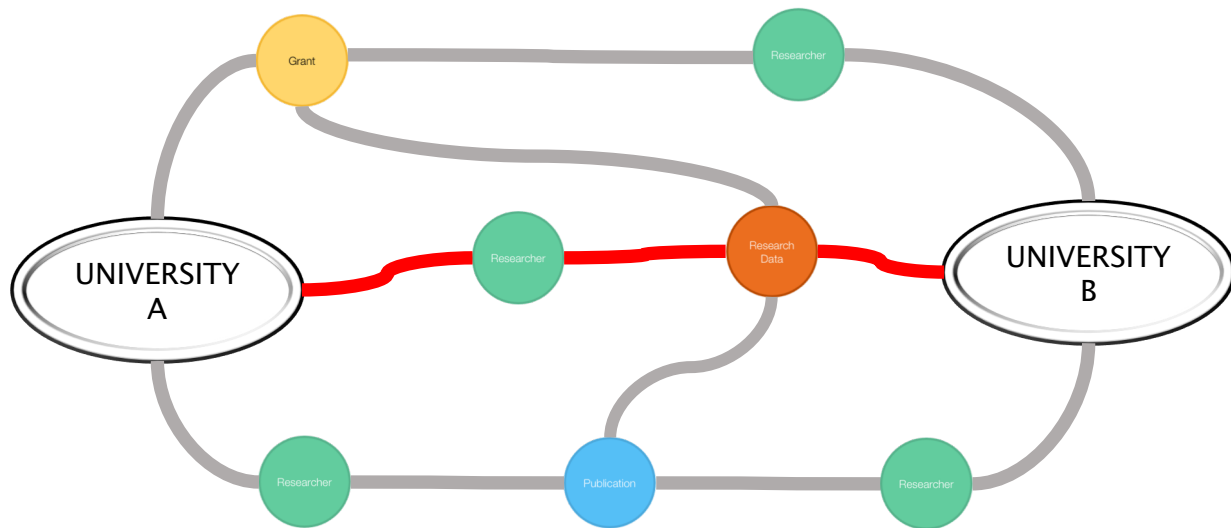
RESEARCH GRAPH COLLABORATION SCORE



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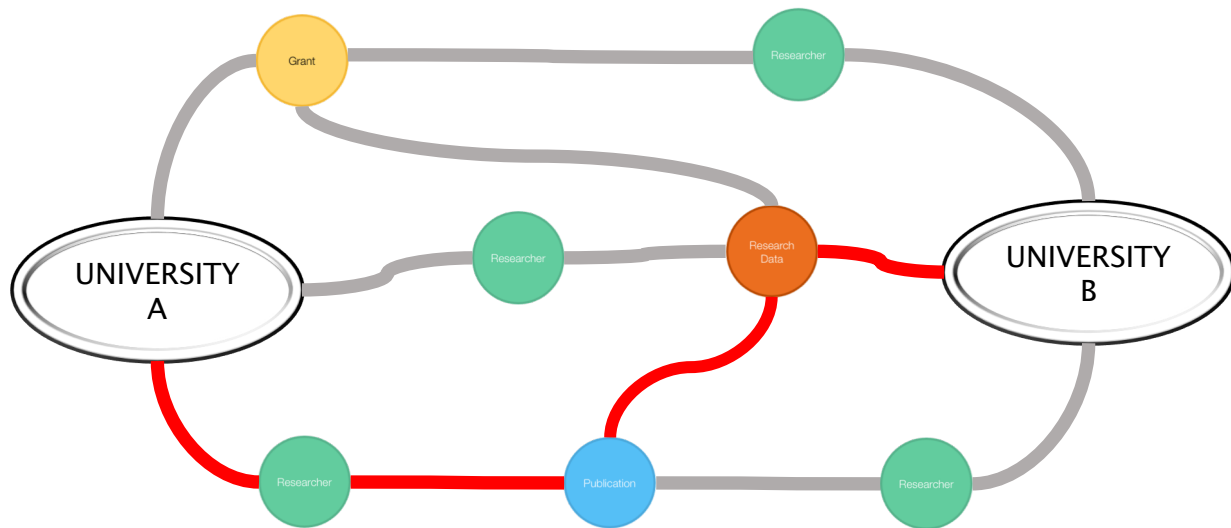
RESEARCH GRAPH COLLABORATION SCORE



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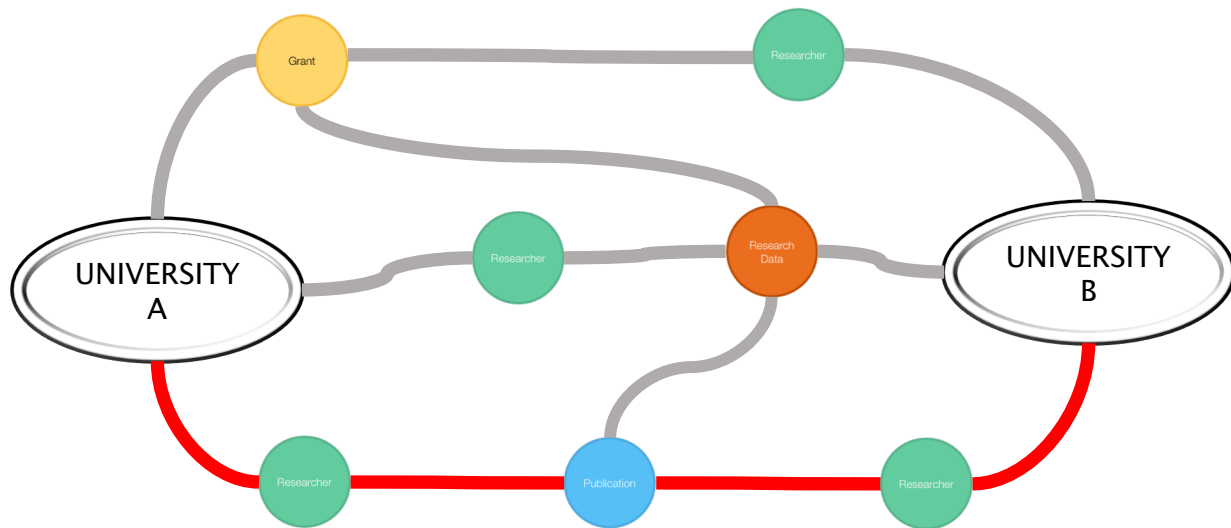
RESEARCH GRAPH COLLABORATION SCORE



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RESEARCH GRAPH COLLABORATION SCORE



LEGEND



Connecting Pub & Data to Universities

publication → researcher (ORCID) → affiliation → university

publication → grant → researcher (ORCID) → affiliation → university

dataset → researcher (ORCID) → affiliation → university

dataset → publication → researcher (ORCID) → university

CAVEATS.....

- What you see, is the data we have. It may not necessarily be complete.
- Collaboration Strength and Linkage is based on data from public ORCID records.
- Visualisation data also comes from other sources including GRID, DataCite and CrossRef. The fuzzy logic used, does not always get it completely right.

Institutions collaborating with Australian Universities

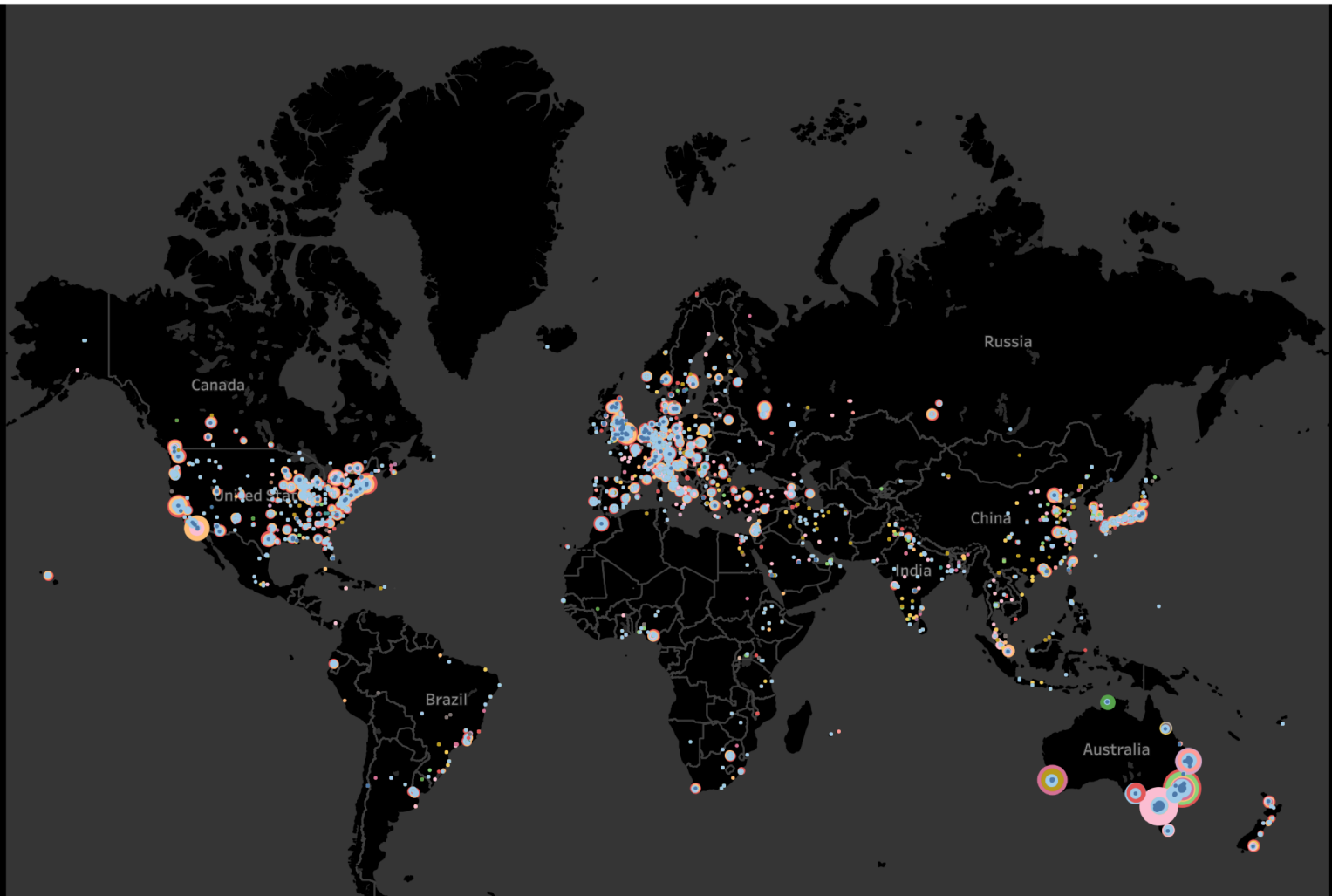
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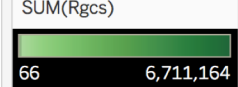
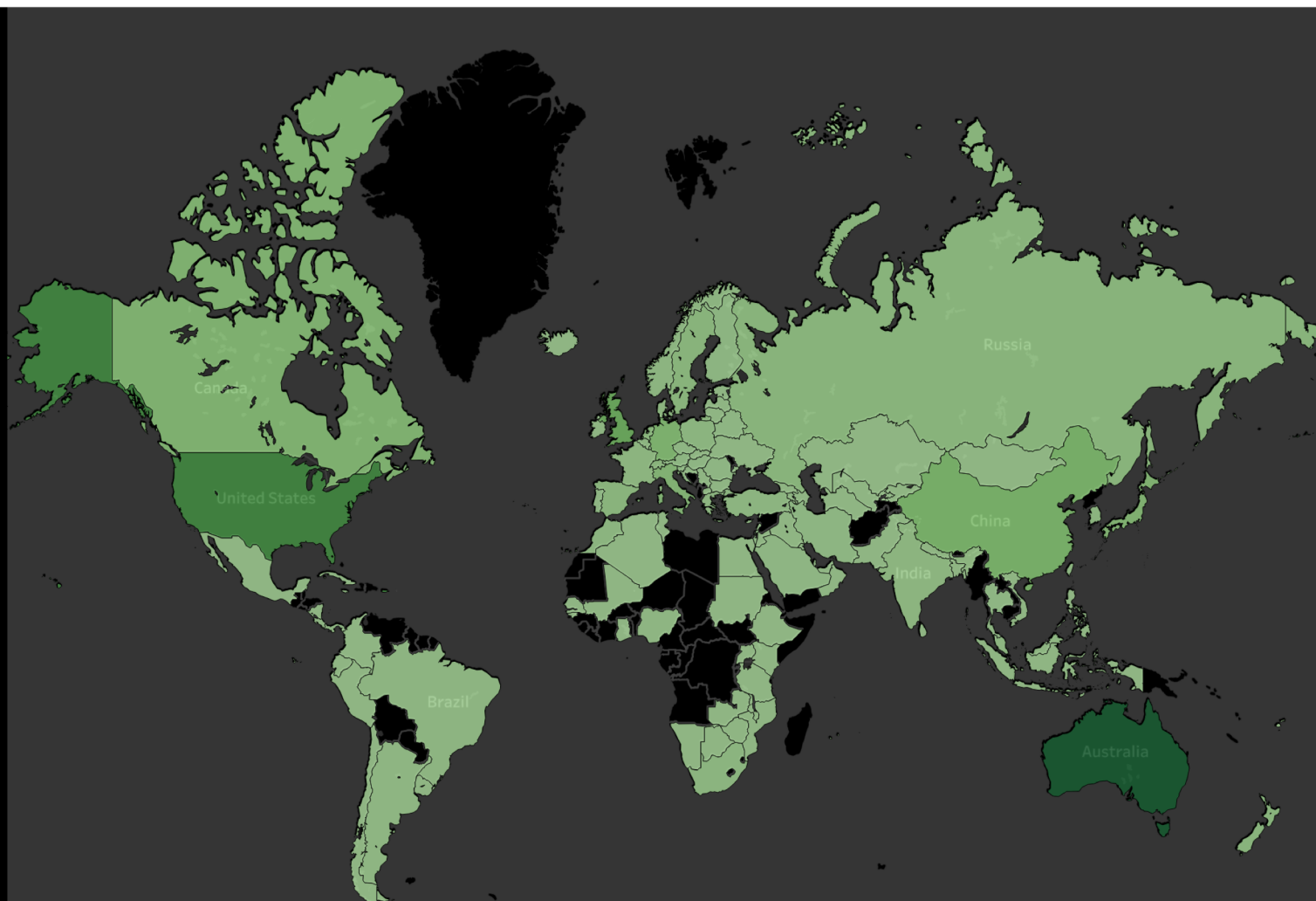
Source University

(All) ▼

Highlight Source Univer...

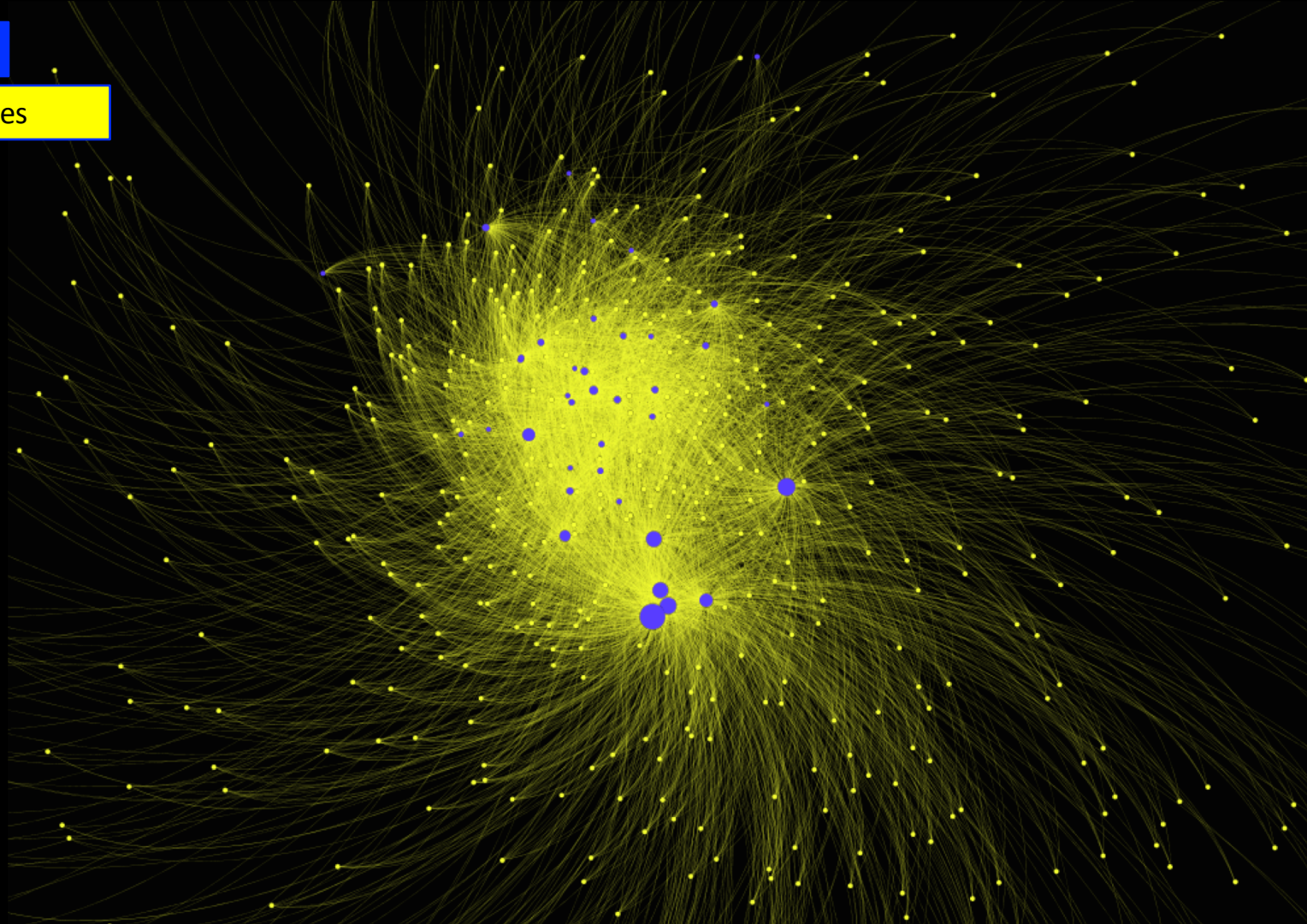
Highlight Source Univer... ⌵

Countries Collaborating with Australian Universities



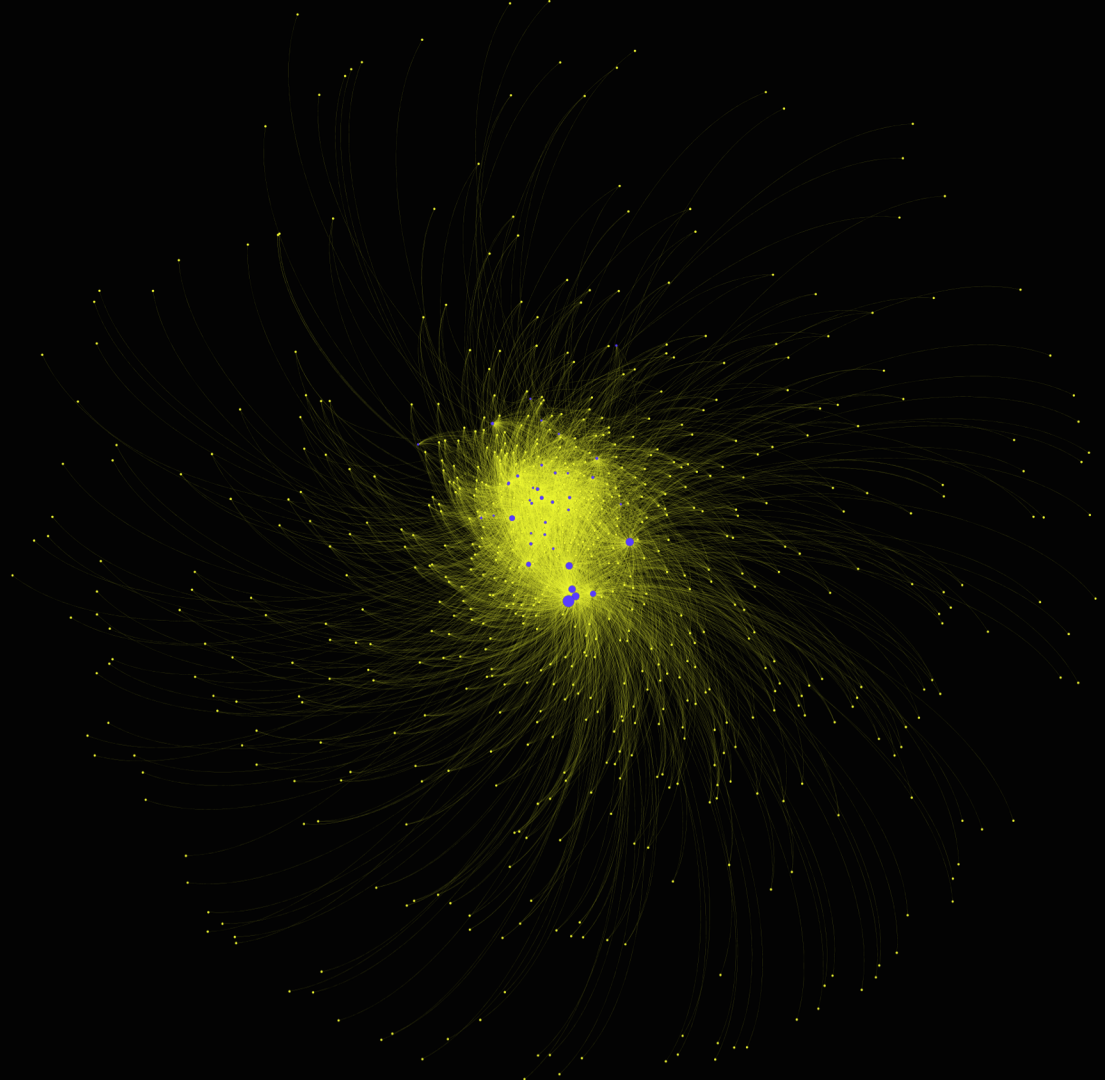
Australia

United States



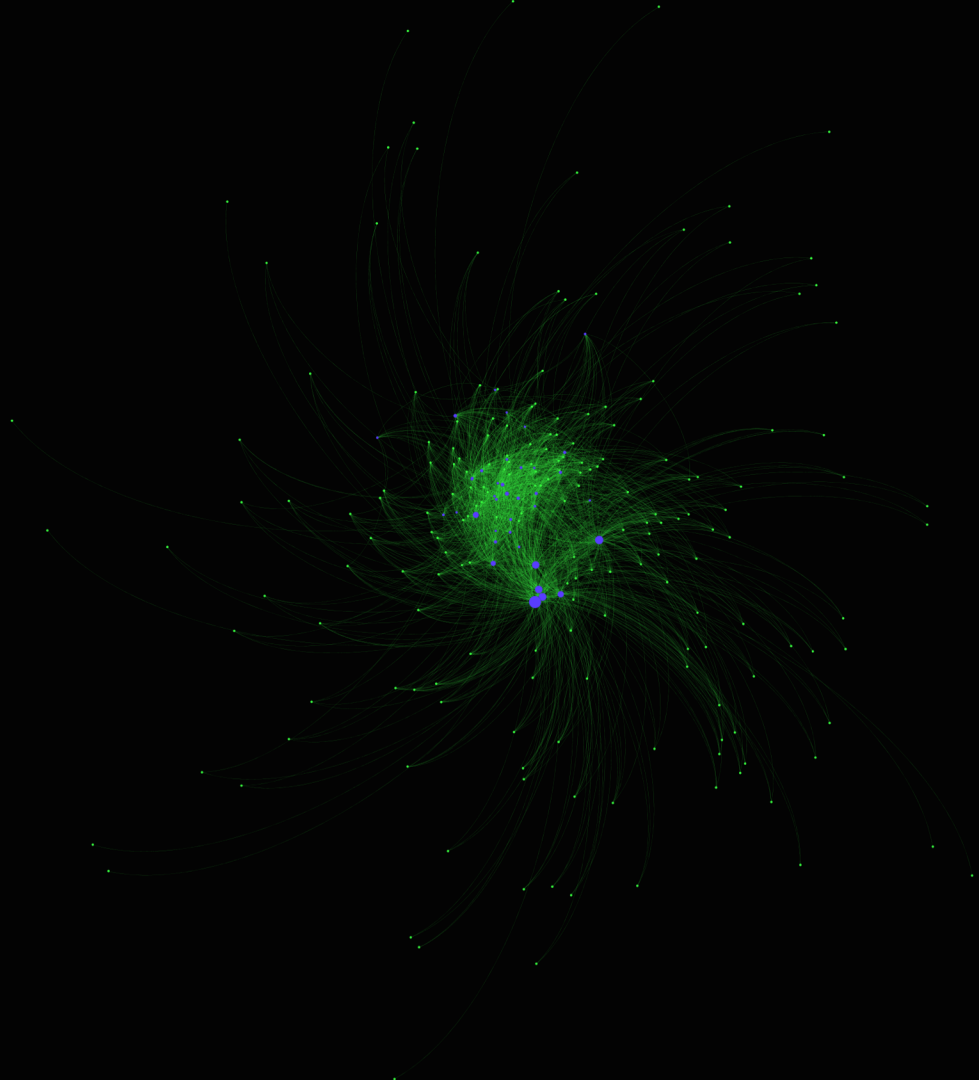
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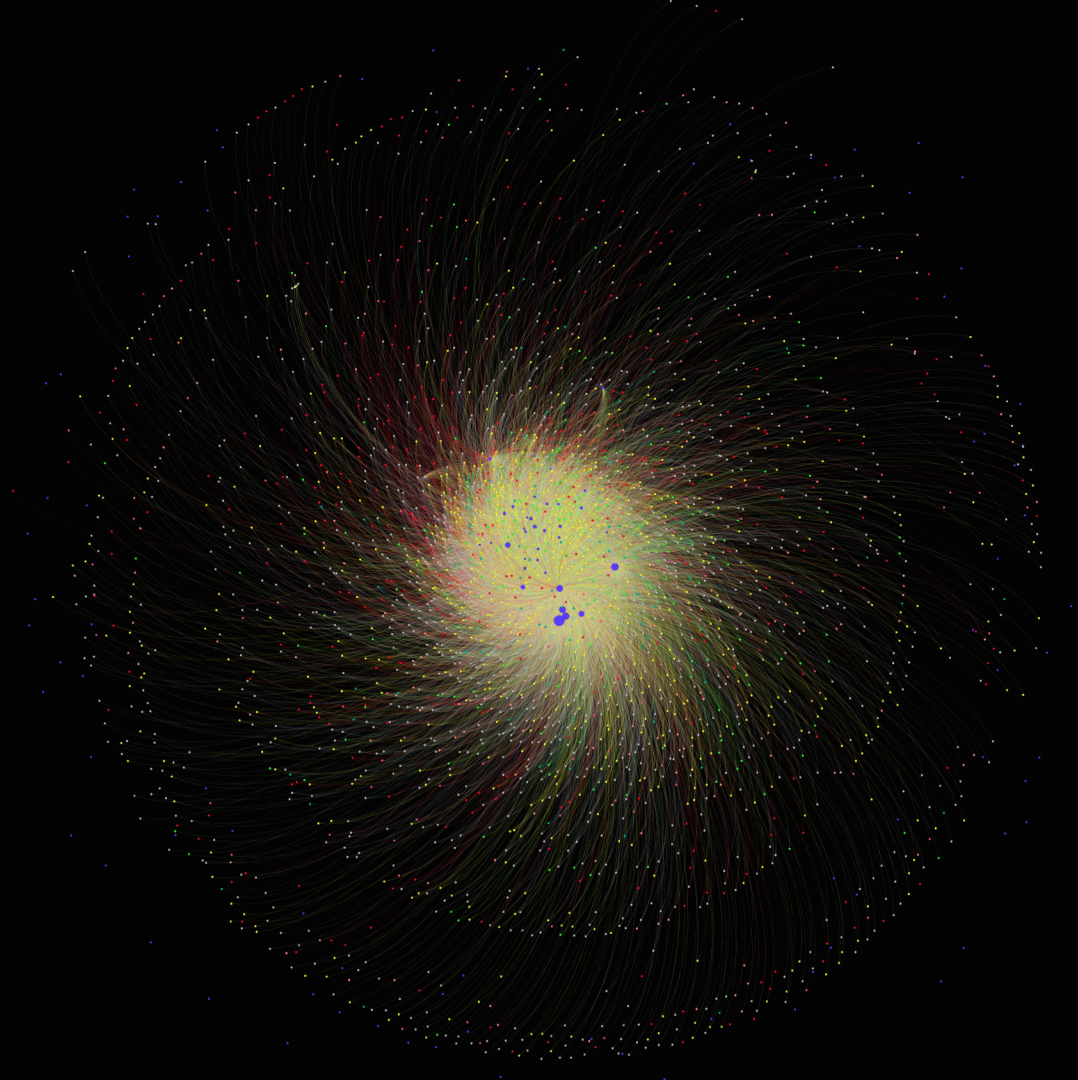
United States



Australia

United Kingdom





990,000+



Collaborative
Publications



955,000+



966,000+

Next Steps..

➤ Follow-up Collaborative project

1. Using Research Information Management System(s)
2. Build University level RGCS (Faculties, Schools, ...)
3. Gap analysis between ORICD and Publishers' records

Next Steps..

➤ Expression of Interest

researchgraph.org / RGCS-Pilot

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