Collaboration

Get access to a list of institutions/Research Groups that you collaborate or have the potential to collaborate with. Start with a worldwide view of your institution’s collaboration landscape, and then zoom in to individual collaborating institutions and researchers anywhere in the world.

You can also use this module to:

- Identify new opportunities for collaboration partnerships in your own country or worldwide
- See which institutions and researchers your institution is not yet collaborating with
- Filter data by a specific subject area
- Export data and review the underlying list of publications behind every publication count

Visual Guide
1. Select your institution from the entity selection panel on the left-hand side.

2. Select collaboration from the menu at the top of the screen.

3. Go to 'Current collaboration' and select the Map view.

4. Click on the Europe marker to zoom in and see all the European countries where collaboration with your institution has taken place.

5. Click on the round marker shown in France to zoom in and see all collaborating institutions and researchers in France. By default, the number of co-authored publications for each institution is shown, but you can also see the citation impact of those collaborations. Use the drop-down menu in the top-right corner of the map to switch to number of citations, Citations per Publication or Field-Weighted Citation.

6. Switch from map to table view to see the collaborating institutions in France in a tabular list view. Click on one of these institutions to explore the collaborating with that institution in more detail.

7. Go to the Export menu to export the full list of collaborating institutions to a spreadsheet file.

8. To view collaboration in France within a particular sector (such as corporate or medical), select the sector from the rightmost of the drop-down menus along the top of the map.

Measure the impact of your collaborations

The table view lets you compare institutions by the scholarly output co-authored with each. You can also evaluate the impact of your collaborations using metrics such as number of citations or Field-Weighted Citation Impact.
How to zoom in on a collaboration partner:

1. Click on any institution in either map or table view. You can now zoom into that institution and look at your collaboration with that institution in much greater detail.

2. If you’ve filtered the data by a subject area or research area, you will see only the collaboration with that institution in the field of research you’ve selected.

3. Compare the co-authored publications to the overall output of the institutions. At the top of the pop-up window, you can compare the co-authored publications to the total output at each institution.
From here you can answer these questions:

- Which is the most active and most cited of the two institutions?
- Do the co-authored publications have more citation impact than the individual institutions’ overall publication output?

How to see the collaborations of your institution within a specific field of research.

Select a filter from the dropdown menu at the top of the page. For example, to see collaboration within chemistry only, choose Chemistry from the menu.
You can choose from 27 subject areas and 334 subcategories in the Scopus Subject Classification.

You can also define your own research areas, which can be as granular or interdisciplinary as you like.

Guide to Collaboration Metrics

International Collaboration

COLLABORATION
Volume and proportion of nationally and internationally co-authored scholarly outputs

Collaboration calculates the number and percentage of outputs that have national or international co-authorship:
• An output has national co-authorship if it has an affiliation that does not belong to the parent institution but is within the parent institution’s country.
• An output has international co-authorship if it has an affiliation that does not belong to the parent institution and is outside the parent institution’s country.
• An output that has both national and international co-authorships will be classified as international, to avoid double counting.
• Countries are defined as in the ISO classification¹.

¹ http://www.iso.org/iso/ies6-en.pdf

Academic-Corporate
This is always underestimated due to delays in publication from academic/corporate collaborations and the difficulties in tracing publications back to academic-corporation collaborations.
ACADEMIC-CORPORATE COLLABORATION

Volume and proportion of scholarly outputs co-authored by researchers from both academic and corporate affiliations

Academic-Corporate Collaboration calculates the number and percentage of outputs that have been co-authored by researchers from both academic and corporate, or industrial, affiliations.

It is likely that affiliation and affiliation-type data will not be available for all elements that constitute an institution’s Scholarly Output.

A partial reflection of an institution’s activity is still valuable in providing an evidence-based support for decision making through benchmarking, since this limitation is likely to affect all comparators equally.

For further assistance

For more information on the snowball metrics visit: https://www.snowballmetrics.com/metrics/

For further support on SciVal and metrics, please contact your Information Specialist: Informationspecialists@plymouth.ac.uk

For REF-related SciVal support please contact Alison Bendall from Research and Innovation: Alison.Bendall@plymouth.ac.uk