## 3.3   How can my institution attract talented researchers?

Who are the most talented researchers in my field? Which institutions are they associated with? And how do I find them?   The best approach to do this in SciVal is to first determine the top institutions in your field, and then identify the top researchers at those institutions.

1. Go to the Overview module

2. Select your country or the world in the entity selection panel on the left-hand side.
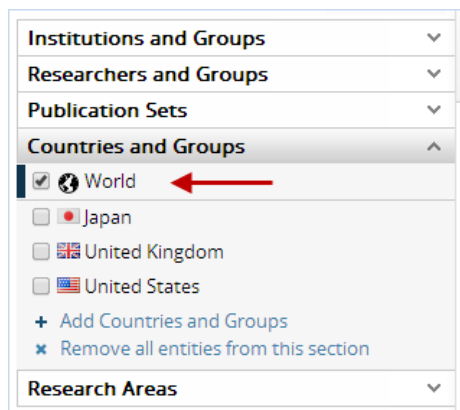
3. Using the dropdown menu at the top of the page, select your field from the 27 main categories and 334 subcategories in the Scopus journal classification (or use a different journal classification). Say you are interested in renewable energy and sustainability:
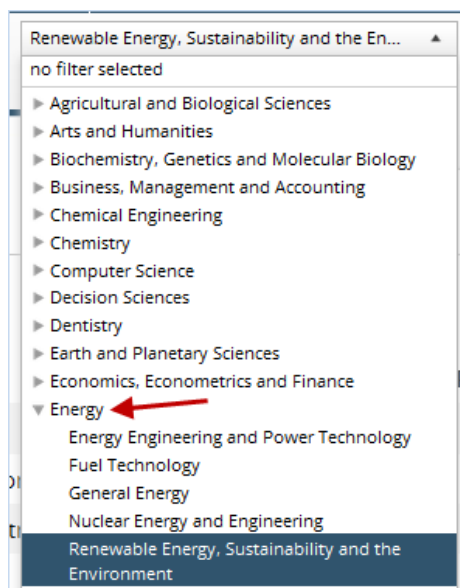
4. After selecting your field, you can now see the top institutions in that field, based on number of publications and citation impact.

5. Now take a closer look at these institutions. Go to the entity selection panel and select one of the top institutions.

6. On the Authors tab, you can see the top authors at that institution within the selected field, based on number of publications.

7. You can export the list of authors to a spreadsheet for further analysis, or click on an author's name to see their publication profile.

Technical University of Denmark

🇩🇰 Denmark | More details on this Institution

Source: Scopus data up to 24 Apr 2014 | 2009 to 2013 ▼ | Renewable Energy, Sustainability and the En... ▼

| Summary | Publications | Citations | **Authors** | Collaboration | Competencies |

Authors   Export ▼

Top 100 authors, by number of publications at the Technical University of Denmark over the period 2009 to 2013.

Note that some authors may no longer be affiliated with the Technical University of Denmark.

| Name	Publications ⌄	Most recent publication	Citations ▼	h-index
1. Krebs, F.C.	56	2013	3,952	60
2. Jørgensen, M.	25	2013	1,303	33
3. Mogensen, M.	24	2013	456	47
4. Furbo, S.	21	2012	76	14
5. Sørensen, N.N.	19	2013	95	10
6. Bjerrum, N.J.	17	2013	137	24

3.4   How can my institution find collaboration partners?

International collaborations can increase your impact and visibility, which could lead to more funding opportunities. How can you identify suitable international collaboration partners? Which countries should we focus on? And which institutions are active in which disciplines?

1. Let's say that your institution is Athena University. It is located in the U.S. and it is looking for a collaboration partner in Europe for its expanding medical school.

2. Go to the Potential Collaboration tab in the Collaboration module. Select the Scopus journal category "Medicine" from the dropdown menu at the top of the page.

3. The analysis shows 1,156 institutions in Europe that haven't yet collaborated with Athena. In other words: Athena has not co-authored any publications with these institutions within the selected time period.
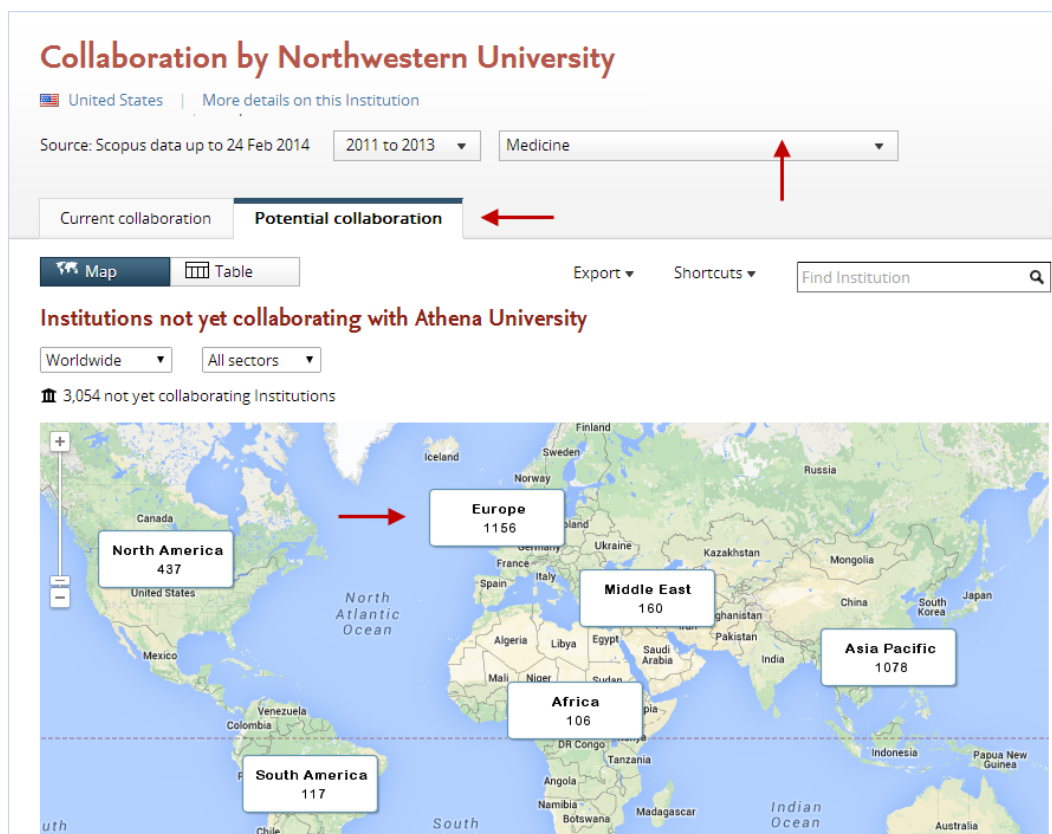
4. Click on Europe to see which European countries are active in medicine. The numbers in the white circles represent the number of institutions in each country that have not yet collaborated with Athena.

5. Let's take a closer look at Germany, which has 119 institutions that have not yet collaborated with Athena.
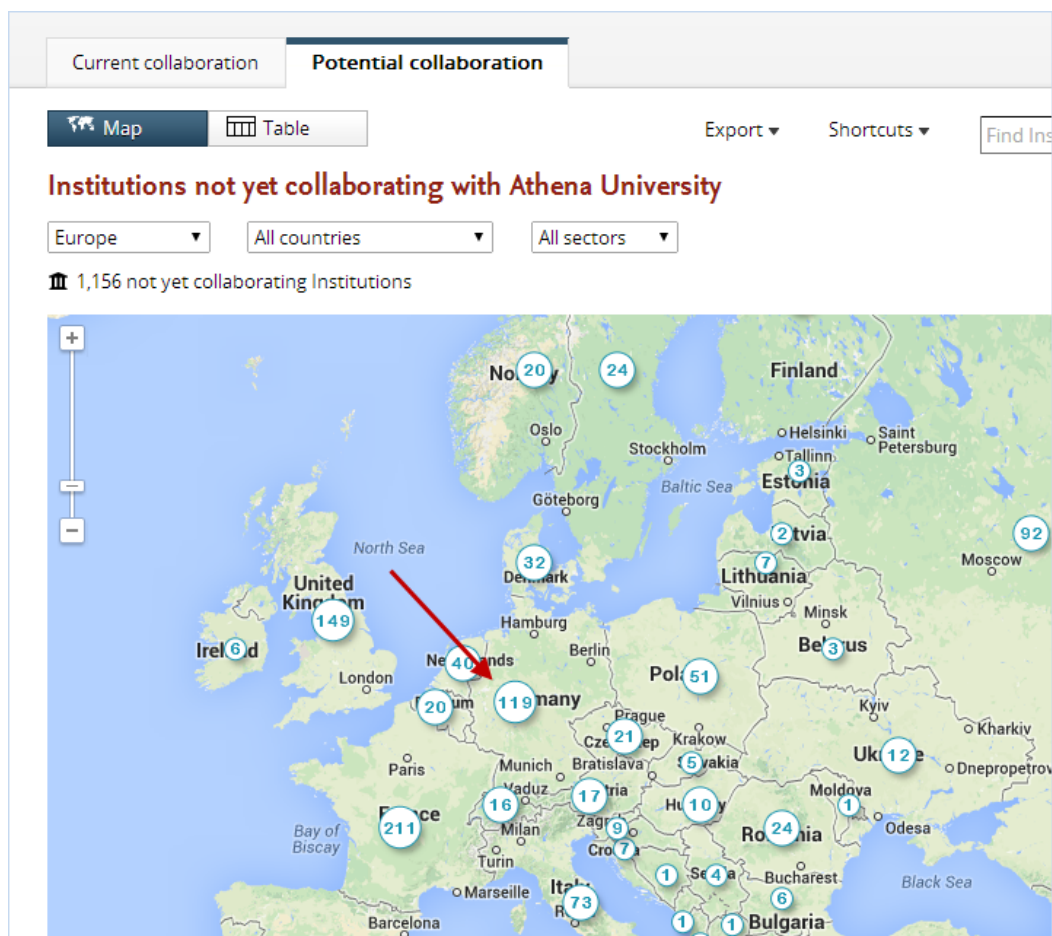
6. Click on Germany to see which institutions in this country are active in medicine but are not yet collaborating with Athena in this field.

7. Each orange circle in Germany represents an institution. The number inside the circle shows the publication output at that institution within the selected field. You can also switch to a different metric (Citations, Citations per Publication or Field-Weighted Citation Impact) to see the collaborating institutions by citation impact.

8. Humboldt-Universitat zu Berlin stands out.   There are 974 authors within medicine at this institution, with 850 publications in this field.

9. You can also view the list of institutions in a table and sort the 100 most productive institutions by citation impact, using the metrics Citation Count, Citations per Publication and Field-Weighted Citation Impact.

10. To view only hospitals and other medical institutions in Germany, select "Medical" from the rightmost of the drop-down menus along the top of the map.

11. You can export a list of all institutions to a spreadsheet for further review.
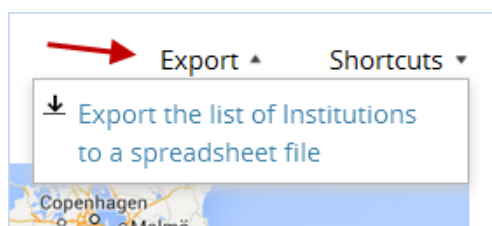
12. For more details on this institution, click on the marker for Humboldt in the map to open the institutional details pop-up. Here, you can compare the research output of Humboldt to the output of your own institution . You can also see a list of potential co-authors at Humboldt.

13. In the institution details pop-up, select "View a high-level performance overview of Humboldt-Universitat zu Berlin" from the Shortcuts menu to view Humboldt in the Overview module and explore this institution in even more detail. In which fields of medicine are they most active? Who are the top authors at that institution? How much of their publication output is among the most cited worldwide, and how much of it is published in the top journals? How much are they collaborating internationally?

14. Go back to the Collaboration module and select Humboldt from the entity selection panel. You can now see who they are already collaborating with. Are they working mostly with other German institutions or do they have a large international collaboration network?

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. In the Benchmarking module, select Humboldt and Athena University from the entity selection panel. Now you can compare the two institutions by various metrics. Does Humboldt have more or less citation impact than your institution?