



MTA KÖNYVTÁR ÉS INFORMÁCIÓS KÖZPONT

LIBRARY AND INFORMATION CENTRE OF THE HUNGARIAN ACADEMY OF SCIENCES

EISZ NEMZETI PROGRAM - EIS NATIONAL PROGRAMME

REQUEST FOR PROPOSAL

by

Electronic Information Service National Programme
for the access to **ScienceDirect Freedom Collection**
from 2019 for the **Hungarian National Consortium**

Date: 12th March 2018

Prepared by: EISZ Department

Contact: eisz@konyvtar.mta.hu

Table of contents

| | |
|------------------------------------------------------------|----|
| Concept | 3 |
| Negotiation committee | 3 |
| Dates, meeting schedule | 3 |
| Background..... | 3 |
| Consortium member institutions | 4 |
| ScienceDirect Freedom Collection in Hungary – history..... | 4 |
| Hungarian Scientific output..... | 8 |
| Open Access | 10 |
| Request for proposal | 10 |
| Other products | 11 |
| Attachment: Draft agreement..... | 12 |

List of tables

| | |
|--------------------------------------------------------|---|
| 1. Table: Consortium member institutions in 2018 | 4 |
| 2. Table: One-off purchases | 5 |

List of figures

| | |
|-------------------------------------------------------------------------------------------------------------------|----|
| 1. Figure: Elsevier portfolio in EISZ 2009-2018 | 5 |
| 2. Figure: Subscription fee and consortium size for ScienceDirect 2012-2018 | 6 |
| 3. Figure: Subscription fee and cost/institution for ScienceDirect 2012-2018..... | 6 |
| 4. Figure: ScienceDirect Subscription fee and number of total Fulltext downloads 2012-2017 | |
| 5. Figure: Average cost/download 2012-2017 | 8 |
| 6. Figure: Articles and reviews by Hungarian corresponding authors published in Elsevier journals 2007-2017..... | 8 |
| 7. Figure: Subscription fee and the ratio of publications in, and references to Elsevier journals 2010-2017 | 9 |
| 8. Figure: Citations to Hungarian articles published in Elsevier and competitors' journals | 9 |
| 9. Figure: Subscription fee and consortium size for Scopus 2013-2018 | 11 |
| 10. Figure: Subscription fee and cost/institution for Scopus 2013-2018 | 11 |
| 11. Figure: Subscription fee and number of searches in Scopus 2013-2017 | 12 |
| 12. Figure: Subscription fee and cost/searches in Scopus 2013-2017..... | 12 |

Concept

EISZ National Programme initiates negotiations with Elsevier with the intention to have a mutually beneficial multi-year agreement covering the

- access to Science Direct Freedom Collection
- perpetual rights including the archive content between 2013-2017
- Open Access publishing option for Hungarian corresponding authors in Elsevier's journals

Negotiation committee

The committee is authorized by the Programme Board of Electronic Information Service National Programme to negotiate with Elsevier about the agreement from 2019, in the name and on behalf of the Hungarian National Consortium.

Committee members are:

- Ádám Török, Secretary General of the Hungarian Academy of Sciences
- Gyula Péter Szigeti, Vice President of the National Research, Development and Innovation Office
- István Monok, General Director of the Library and Information Centre of the Hungarian Academy of Sciences, President of the EISZ Programme Board
- István Szabó, Head of Department, Secretariat of Education, Ministry of Human Capacities
- Károly Szász, Chancellor of Semmelweis University
- Katalin Urbán, Head of EISZ Department – EISZ National Programme

Dates, meeting schedule

The first negotiation meeting will take place **at 10.00 a.m. on the 29th of March, 2018.**

Venue:

Main Building of the Hungarian Academy of Sciences
1051 Budapest, Széchenyi István sqr. 9., *Bolyai meeting room*

Background

Electronic Information Service National Programme (EISZ) was established in 2001 with the aim to provide e-resources for the Hungarian academic consortium.

In the 1079/2012 (III.28.) Government Decree the Government allocated the task to the Hungarian Academy of Sciences within the organization of the Library and Information Centre of the Academy of Sciences - and at the same time integrated the financial background of the project into the state budget within a separate sub-section.

As of January 2018, EISZ has 205 Hungarian member institutions from the public and non-profit sector in Hungary and cross-borders of Hungary.

Consortium member institutions

In 2017-2018, 40 institutions have been subscribing to ScienceDirect Freedom Collection:

1. Table: Consortium member institutions in 2018

| | |
|-----------------------------------------------------------------------|---------------------------------------------------------------|
| 1. Bay Zoltán Nonprofit Ltd. for Applied Research | 21. National University of Public Service |
| 2. Budapest Business School - University of Applied Science | 22. Óbuda University |
| 3. Budapest University of Technology and Economics | 23. Polyclinic of the Hospitaller Brothers of St. John of God |
| 4. Central European University | 24. Pázmány Péter Catholic University |
| 5. Corvinus University of Budapest | 25. Sapientia Hungarian University of Transylvania |
| 6. ELI-ALPS Research Institute | 26. Semmelweis University |
| 7. Eszterhazy Karoly University | 27. St. Borbála Hospital |
| 8. Eötvös Loránd University | 28. St. János Hospital |
| 9. Hungarian Academy of Sciences | 29. Szent Gyorgy University Teaching Hospital of Fejer County |
| 10. Hungarian Central Statistical Office Library | 30. Szent István University |
| 11. Hungarian Energy and Public Utility Regulatory Authority | 31. Széchenyi István University |
| 12. Hungarian Natural History Museum | 32. University of Debrecen |
| 13. International Business School | 33. University of Dunaújváros |
| 14. John von Neumann University | 34. University of Miskolc |
| 15. Kaposvár University | 35. University of Pannonia |
| 16. Mining and Geological Survey of Hungary | 36. University of Physical Education |
| 17. Ministry of Human Capacities, Office of the Chief Medical Officer | 37. University of Pécs |
| 18. National Agricultural Research and Innovation Centre | 38. University of Sopron |
| 19. National Food Chain Safety Office | 39. University of Szeged |
| 20. National Institute of Oncology | 40. University of Veterinary Medicine |

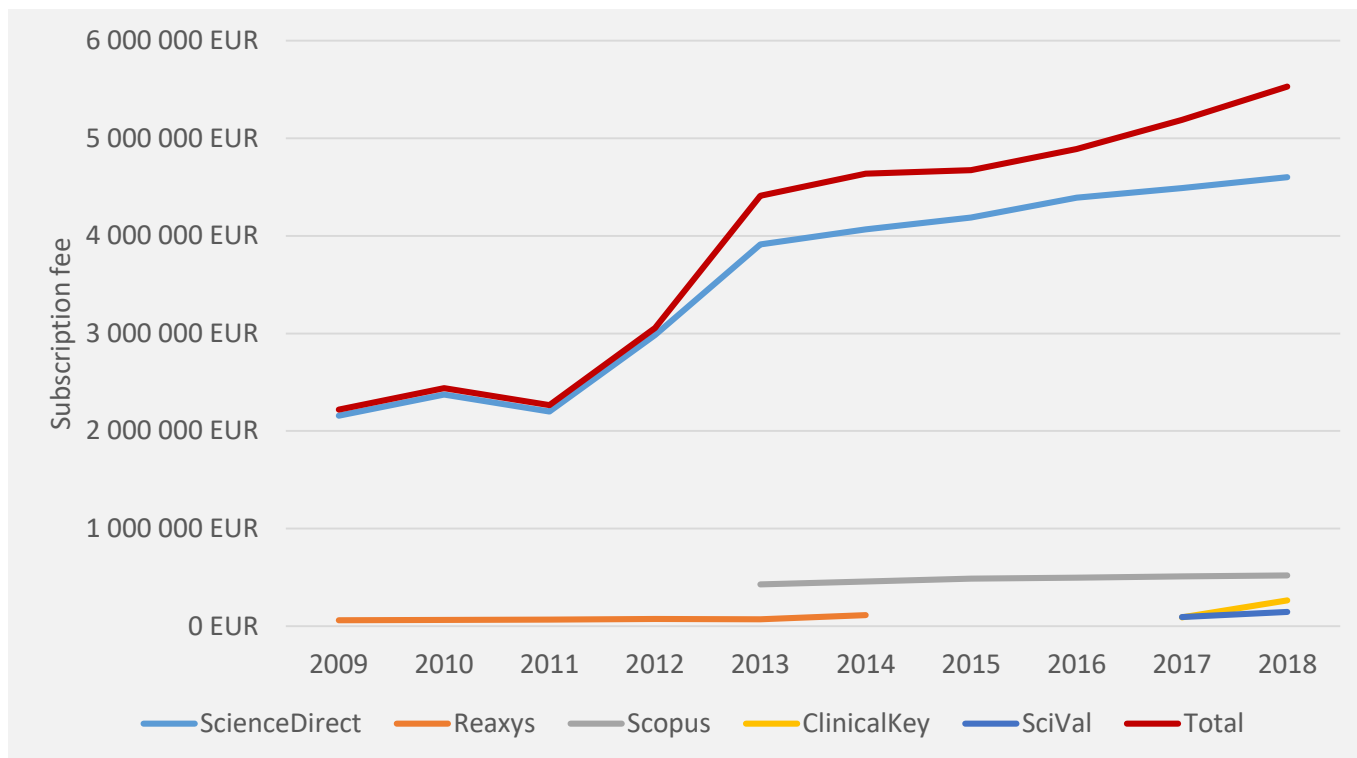
Subscriptions to other Elsevier products include:

- Scopus: 40 institutions (bundled with ScienceDirect access)
- SciVal: 6 institutions
- ClinicalKey: 8 institutions

ScienceDirect Freedom Collection in Hungary – history

EISZ National Programme has been subscribing to Science Direct Freedom Collection since 2001. In 2018 there are 40 members of the consortium: universities, research centres, hospitals, government institutions, special libraries. The ongoing agreement is valid until 31st December 2018.

EISZ is committed to provide high ROI products to its member institutions. Therefore, we analysed the subscription history to Elsevier products between 2009 and 2018. As the following chart shows, the total costs of Elsevier subscriptions increased almost threefold:



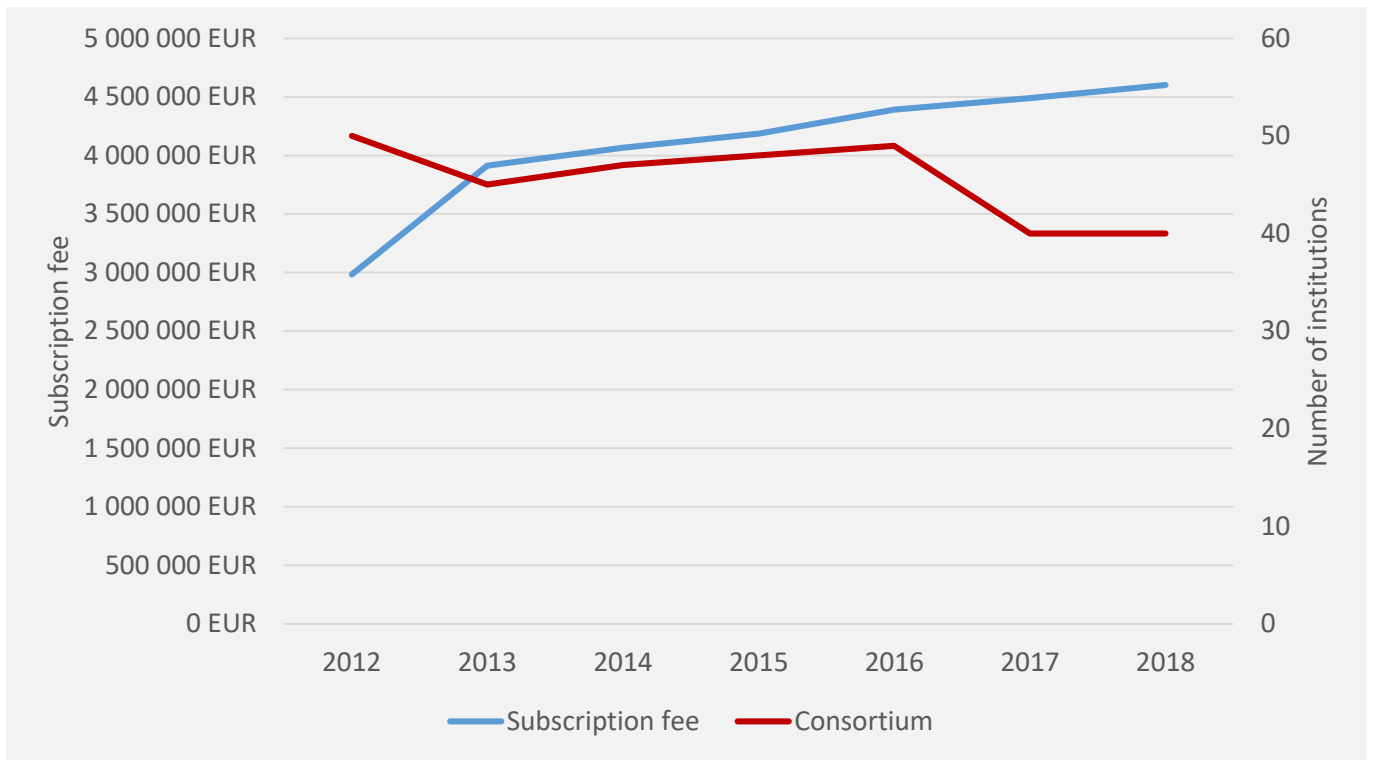
1. Figure: Elsevier portfolio in EISZ 2009-2018

In addition to the subscriptions in *Figure 1*, EISZ procured the following products in a one-off purchase model:

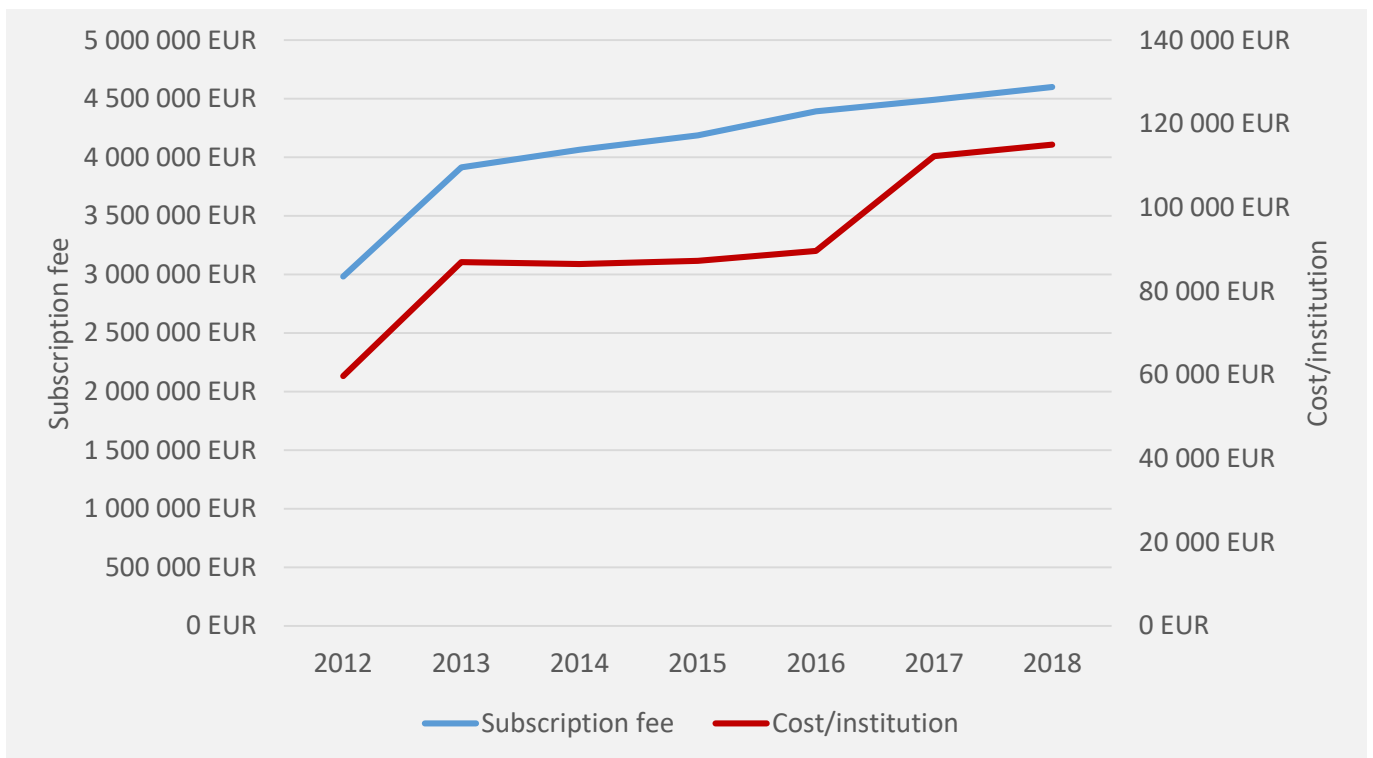
2. Table: One-off purchases

| Product | Year of purchase | Value |
|-------------------------------------|------------------|---------------|
| SciVal Experts | 2013 | 501 695 EUR |
| Elsevier Backfiles Collection I-II. | 2013 | 4 205 298 EUR |
| SciVerse eBook Library | 2012 | 355 072 EUR |

The size of the ScienceDirect consortium shrank considerably in the past 5 years, as almost 20% of the participating institutions quit the consortium since 2012. Taking into account the annual price increases, the average subscription fee of a member institution almost doubled in this period of time.

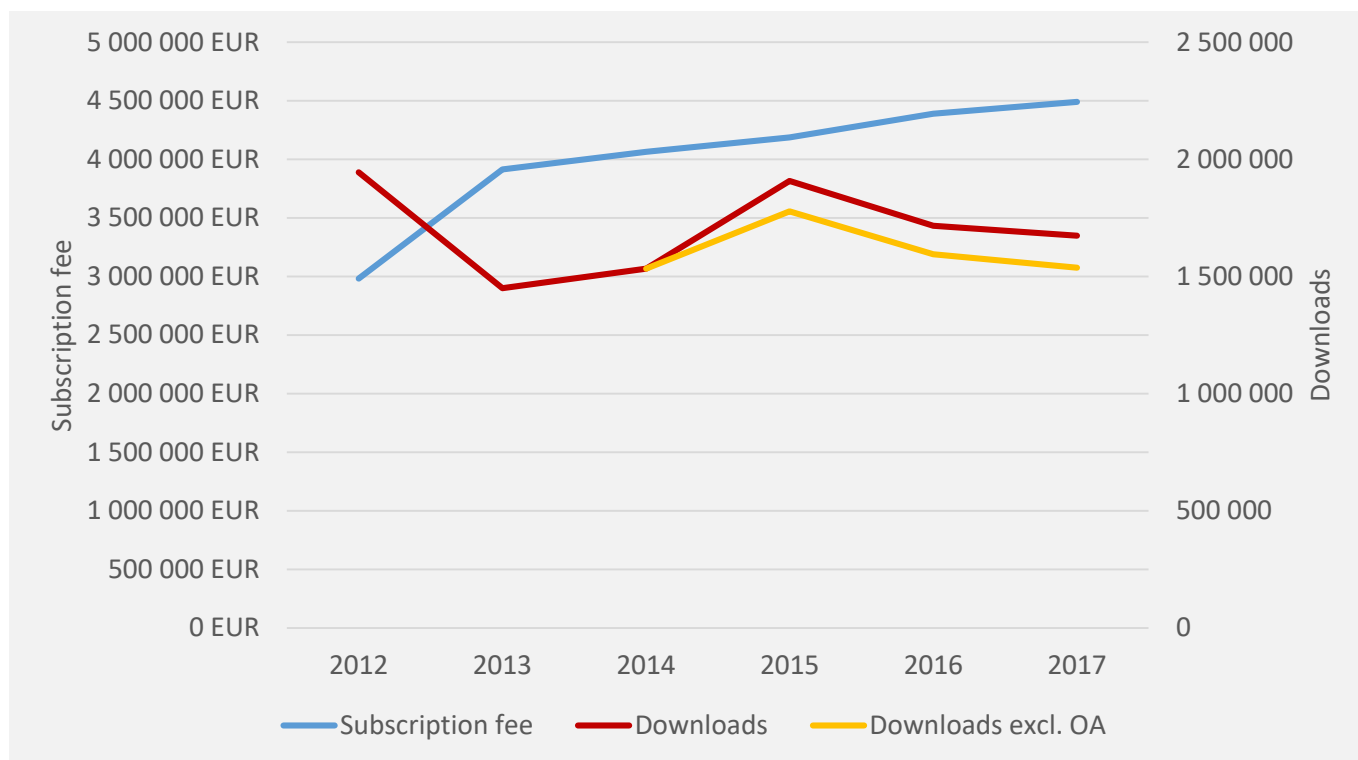


2. Figure: Subscription fee and consortium size for ScienceDirect 2012-2018



3. Figure: Subscription fee and cost/institution for ScienceDirect 2012-2018

In the last 6 years, the highest usage of ScienceDirect occurred in 2012. Since then, the number of total downloads varied between 1,5 and 1,9 million, based on the COUNTER usage statistics.

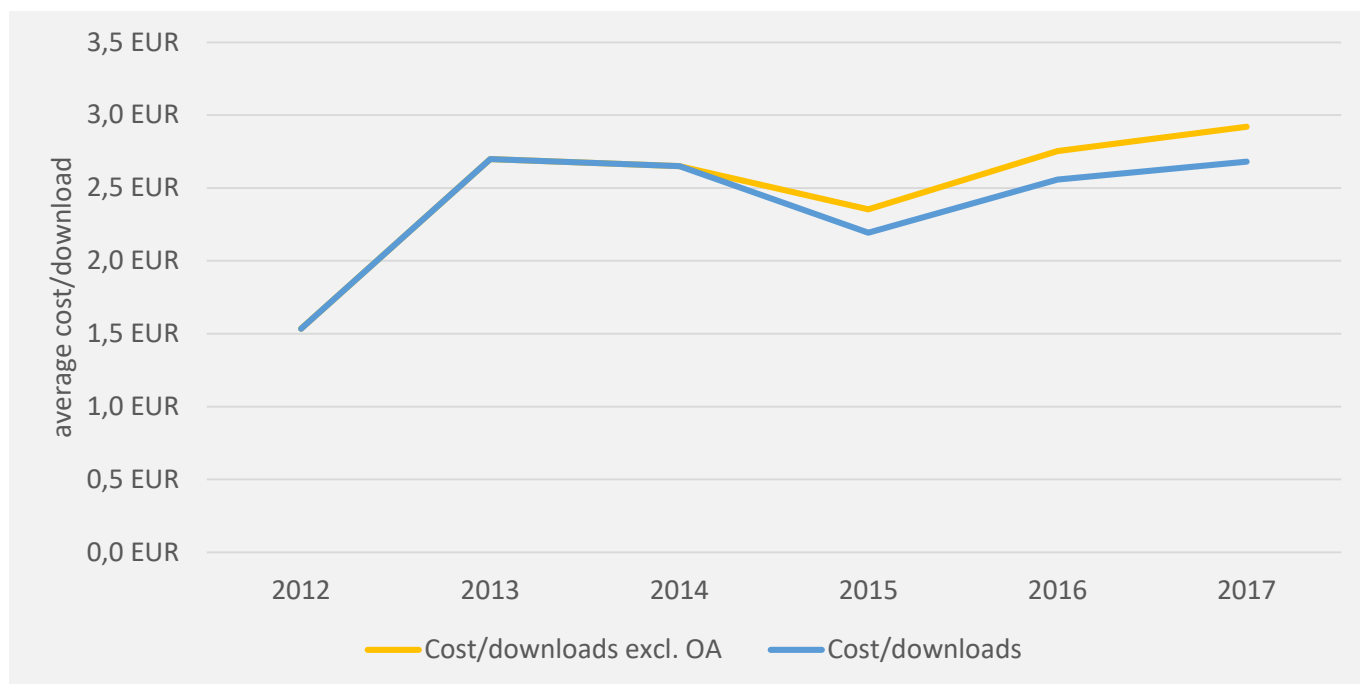


4. Figure: ScienceDirect Subscription fee and number of total Fulltext downloads 2012-2017

The average cost per download of the Hungarian ScienceDirect consortium increased by almost 80% in the recent years. This number is even higher when excluding OA downloads from the calculations, as it can be seen in figure 5. The fact of raising costs of downloads contradicts the STM group's 2015 review, which stated that

*„Researchers' access to scholarly content is at a historic high. Bundling of content and associated consortia licensing model has continued to deliver unprecedented levels of access, with annual full-text downloads estimated at 2.5 billion, and cost per download at historically low levels (**well under \$1 per article for many large customers**).”¹*

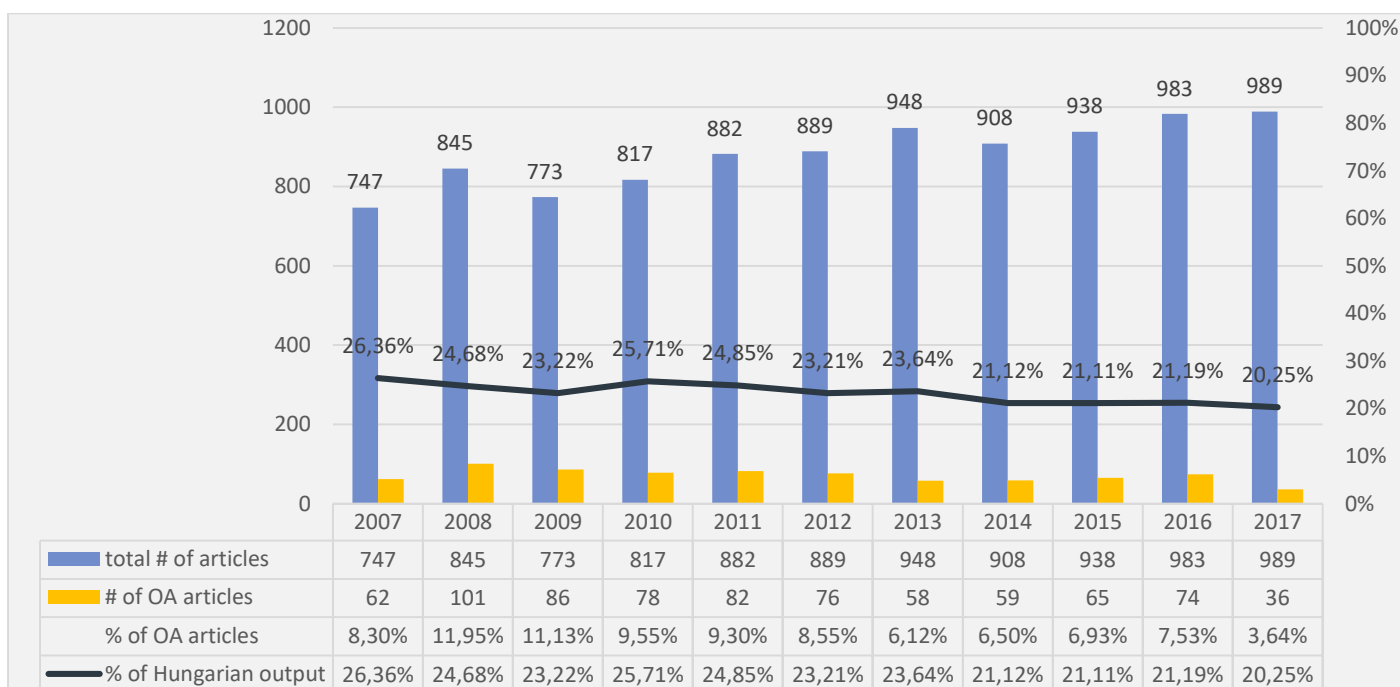
¹ Mark Ware and Michael Mabe, *The STM Report: An Overview of Scientific and Scholarly Journal Publishing*, 4th Ed., 2015, 155, http://www.stm-assoc.org/2015_02_20_STM_Report_2015.pdf.



5. Figure: Average cost/download 2012-2017

Hungarian Scientific output

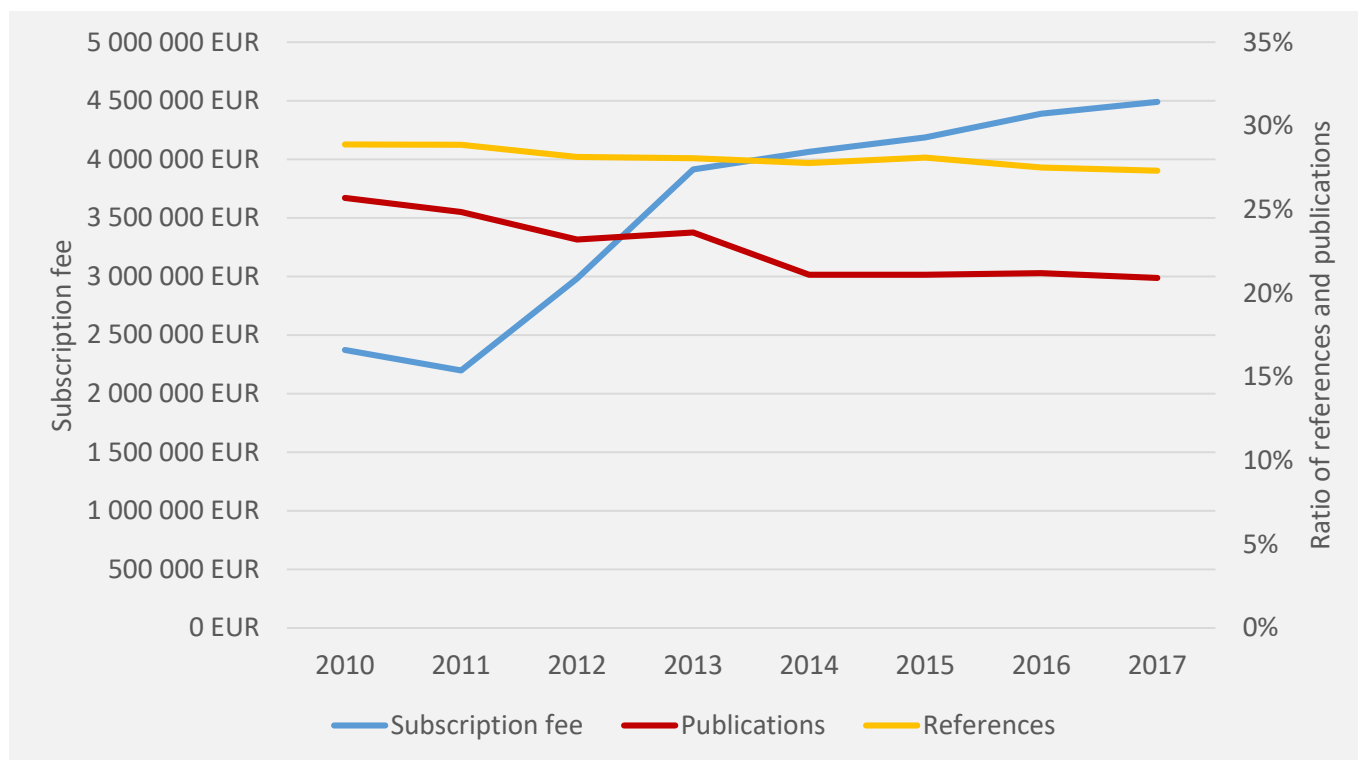
When calculating the ROI, it is vital to take into consideration Elsevier's added value of not only providing high-quality content of other nations' researchers to the Hungarian community, but also its contribution to increasing the visibility of Hungarian science. All the analyses are based on data from Web of Science, and take into account the articles and reviews from Hungarian corresponding authors.



6. Figure: Articles and reviews by Hungarian corresponding authors published in Elsevier journals 2007-2017

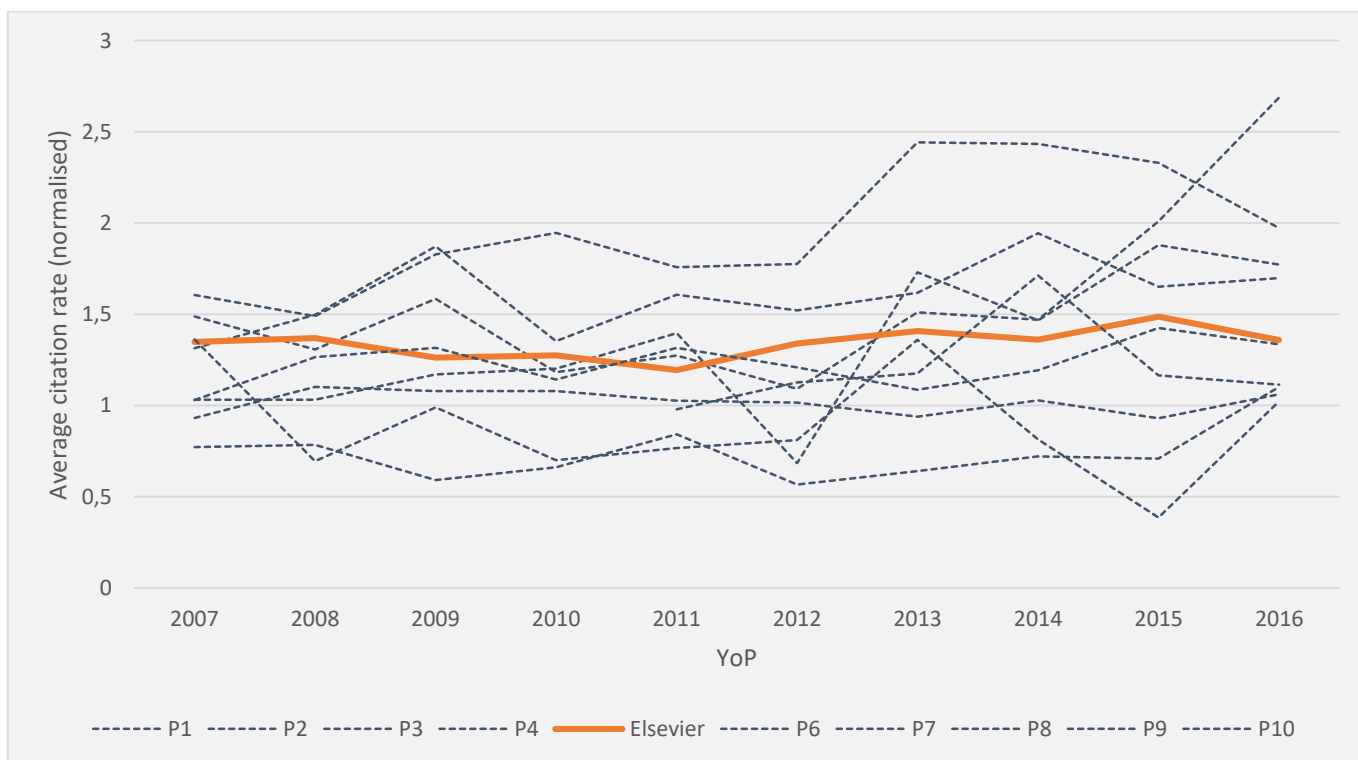
The number of articles published by Hungarian authors in Elsevier journals show a low, but stable increase in numbers. However, compared to the total Hungarian output, the ratio of these articles has been in a steady decrease since 2010. As Figure 7 shows, the ratio of references to Elsevier

journals also firmly decreased in the last 8 years. Moreover, the evidence shows that there are no Elsevier journals in the top10 list of most cited journals by Hungarian researchers in 2017.



7. Figure: Subscription fee and the ratio of publications in, and references to Elsevier journals 2010-2017

Comparing the Hungarian publications in Elsevier journals to the competitors' portfolio, the evidence also shows that researchers do not benefit substantially from increasing visibility. Although the articles published in Elsevier journals get cited higher than the average, this trend is in line with other publishers' results.



8. Figure: Citations to Hungarian articles published in Elsevier and competitors' journals

Open Access

EISZ National Programme is committed to the large-scale transition to Open Access, having joined the OA2020 initiative in 2017², and we welcome Elsevier's willingness to "collaborate with all stakeholders to advance the transition to an open access world."³

The negotiation committee believes it firmly, that only a new-generation agreement, which encompasses both aspects of having access to ScienceDirect Freedom Collection, and publishing Open Access in Elsevier journals model would benefit the Hungarian Research Community.

Request for proposal

Based on the aforementioned points, EISZ requests Elsevier to submit a proposal for a multi-year **read and publish** agreement from 2019 which covers the following points:

- Access with perpetual rights to ScienceDirect Freedom Collection for up to 40 consortium member institutions
- The corresponding authors of the participating institutions will be able to publish Open Access articles and reviews in Elsevier journals without any additional costs, up to 1000 articles in 2019, under either CC-BY or CC-BY-NC licenses

Provisions:

- based on our calculations, the average APC within the publishing component of this model cannot exceed 2 485€
- switching to a transitional agreement cannot raise the current subscription fee of ScienceDirect Freedom Collection
- The administration of OA articles should follow the *ESAC Recommendations for article workflows and services for offsetting/open access transformation agreements*⁴

² 'OA2020 Expression of Interest', accessed 9 March 2018, <https://oa2020.org/mission/>.

³ Gemma Hersh, 'Working towards a Transition to Open Access', Elsevier Connect, 2017, <https://www.elsevier.com/connect/working-towards-a-transition-to-open-access>.

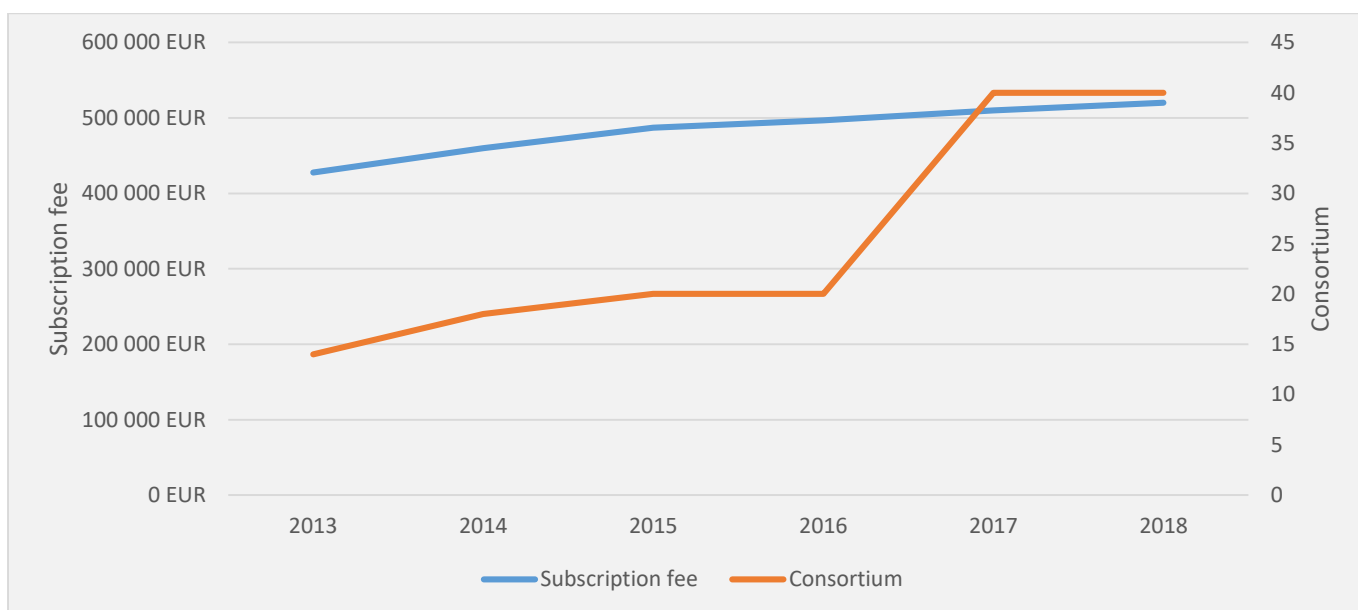
⁴ Kai Geschuhn and Graham Stone, 'It's the Workflows, Stupid! What Is Required to Make "Offsetting" Work for the Open Access Transition', *Insights* 30, no. 3 (8 November 2017), <https://doi.org/10.1629/uksg.391>.

Other products

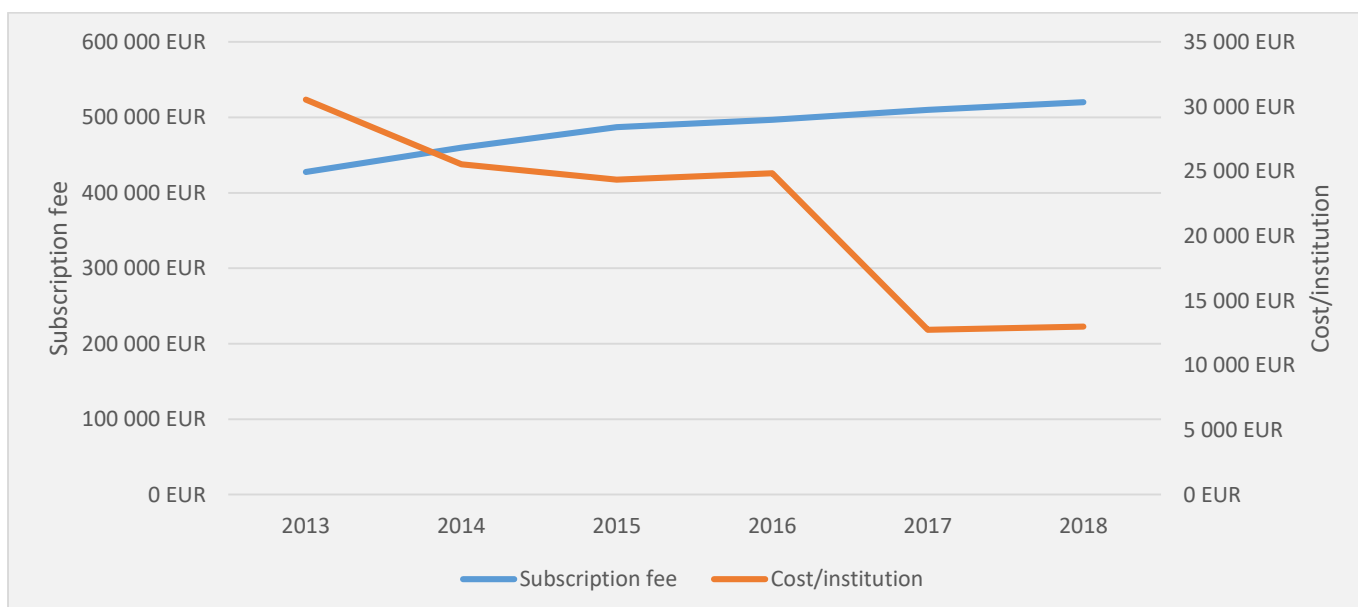
EISZ welcomes to extend the negotiation discussions to other Elsevier products such as Scopus, SciVal, and ClinicalKey. We are open to include Mendeley and Reaxys in the annual needs assessment survey.

Scopus:

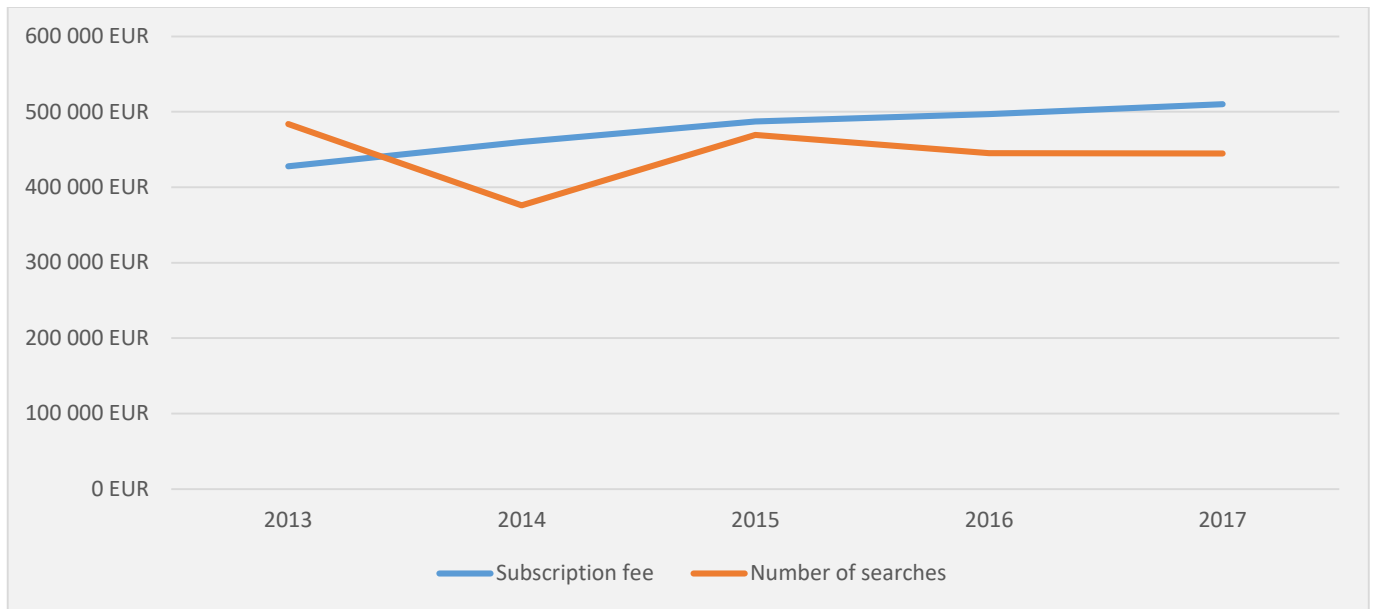
The number of institutions subscribing to Scopus increased from 14 to 20 between 2013 and 2016. Within the ongoing agreement 40 institutions have the access to Scopus which is bundled to ScienceDirect in this new model. As the usage statistics on *Figure 11* show, despite the doubled number of participating institutions, the usage remained constant in comparison to the previous years. Based on the figures below, EISZ has to reconsider this subscription model and return to the original demand driven procurement of Scopus.



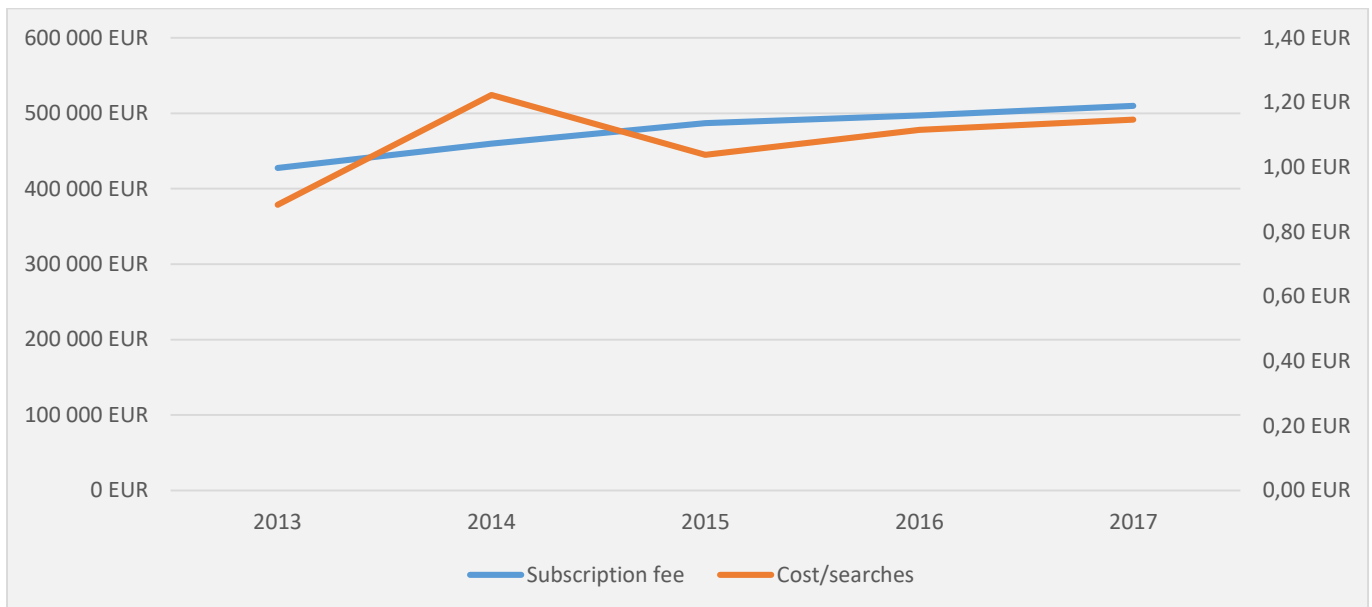
9. Figure: Subscription fee and consortium size for Scopus 2013-2018



10. Figure: Subscription fee and cost/institution for Scopus 2013-2018



11. Figure: Subscription fee and number of searches in Scopus 2013-2017



12. Figure: Subscription fee and cost/searches in Scopus 2013-2017

Attachment: Draft agreement