

The Challenges of open access in Germany

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COUPERIN.ORG: 6es journées Open Access - La Science Ouverte en marche

LES CHERCHEURS, ACTEURS DES MUTATIONS DE L'ÉDITION SCIENTIFIQUE À L'ÈRE DE L'OPEN ACCESS

12-14 OCTOBER 2015, PARIS



Open Science

Contents

- Major players
- Digital agenda
- Statistics
- Successes
- Challenges

Major Players:

German State and Federal Governments

- Two state government have already developed and published open access strategies
 - Baden-Württemberg (08-2014)
 - Schleswig-Holstein (11-2014)
- All other German states are working on these strategies in different intensity
 - Berlin (05-2014 parliament decision)
 - Bremen (02-2015 bill for law on higher education)
 - North Rhine-Westphalia (work in the process since 2014)
- Federal government
 - work on a strategy is in progress
 - Copyright: right of secondary publication

Digital Agenda 2014 - 2017 of the Federal Government



Suchbegriff



[Grundsätze unserer Digitalpolitik](#) [Handlungsfelder](#) [Diskutieren Sie mit!](#) [Aktuelles](#) [Service](#)

Digitale Agenda 2014 - 2017

Schnelles Internet
für alle. Überall.

DEUTSCHLAND KANN DAS.



Digitale Infrastrukturen

Gut vernetzt.
Mit Sicherheit.

DEUTSCHLAND KANN DAS.



Sicherheit, Schutz und Vertrauen für
Gesellschaft und Wirtschaft

Made in Germany
wird digital.

DEUTSCHLAND KANN DAS.



Digitale Wirtschaft und digitales
Arbeiten

HELMHOLTZ
ASSOCIATION

Open Science

Digital Agenda 2014 - 2017: Support Digital Science - Infrastructure

- Council for Scientific Information Infrastructure
(Rat für Informationsinfrastrukturen)
- Funding research information infrastructures
- **Digitalen Wandel in der Wissenschaft forcieren**
- Um eine breite, disziplin- und organisationsübergreifende Zugänglichkeit und Nutzbarkeit von digitalen Informationen sicher zu stellen, werden die wissenschaftlichen Informationsinfrastrukturen gestärkt, ausgebaut und besser vernetzt.
 - Eine neue Strategie für den digitalen Wandel in der Wissenschaft wird wesentlich zur Weiterentwicklung der Informationsinfrastrukturen (wie z.B. Archive, Bibliotheken, Forschungs- und Publikationsdatenbanken) beitragen.
 - Der von Bund und Ländern beschlossene Rat für Informationsinfrastrukturen wird als übergeordnetes Koordinierungs- und Beratungsgremium die Weiterentwicklung der wissenschaftlichen Informationsinfrastruktur, z.B. durch Empfehlungen, unterstützen.
 - Wir wollen die Vernetzung von Forschungsdatenbanken und Repositorien sowie virtuelle Forschungsumgebungen fördern und durch strategische Projekte mit großer Hebelwirkung unterstützen.

Digital Agenda 2014 - 2017: Updating Copyright

- Right of secondary publication
- „Research exception“
- **Zugang zu Wissen als Grundlage für Innovation sichern**
- Wir werden die Rahmenbedingungen für einen ungehinderten Informationsfluss, insbesondere in der Wissenschaft, verbessern.
- Um die Potenziale für Wissenschaft, Forschung und Bildung voll zu nutzen, werden wir die urheberrechtlich zulässige Nutzung von geschützten Inhalten zu diesen Zwecken verbessern. Insbesondere soll eine Bildungs- und Wissenschaftsschranke eingeführt werden.

Major Players: Council for Scientific Information Infrastructure



Rat für
Informations
Infrastrukturen



THE COUNCIL
MEMBERS,
COMMITTEES



FACTS
ORGANISATION,
SCOPE, HISTORY



DOCUMENTS
PRESS RELEASES,
REPORTS



DATES
MEETINGS,
WORKSHOPS



CONTACT
OFFICE, E-MAIL



DEUTSCH | ENGLISH

"The Federal Government wants to accelerate the digital transition in science through the National Digital Agenda. The new Council for Scientific Information Infrastructures will help towards that goal."

(Johanna Wanka, Federal Minister of Education and Research, 2014)

GERMANY TODAY

- > Rapid advancement of IT technologies for Science
- > Germany is well-positioned
- > Leading scientific institutions

SCIENTIFIC INFORMATION INFRASTRUCTURE ON THE POLITICAL AGENDA

"We will develop a strategy for the digital transformation in science, f.e. for enhanced accessibility of research data. Together with the federal states we will fund a Council for Scientific Information Infrastructures which coordinates stakeholders in the national science system and



Open Science

Major Players: Priority Initiative „Digital Information“

Schwerpunktinitiative
"Digitale Information"
der Allianz der deutschen Wissenschaftsorganisationen

[Deutsch](#) | [Kontakt](#) | [Impressum](#) | [Sitemap](#)

Suchbegriff



Start

Core Activities

Steering Committee

Partners

Open Access

Research Data

Virtual Research Environments

National Licensing

National Hosting Strategy

Legal Frameworks

Cross-Disciplinary Issues

Guiding Principles of the Priority Initiative

*...g scientists and scholars with the information infrastructure best suited
...g their research needs is the guiding principle of this priority initiative."*

the guiding principles of the Priority Initiative

The Priority Initiative "Digital Information" is a joint initiative of the Alliance of Science Organisations in Germany aiming to improve the provision of information in research and teaching.

- Initiated in 2007 by the **Alliance of the German Research Organisations**
- Major forum for the development and coordination of open science policy in Germany
- Works via working groups, publishes policy documents, stages events, consults government

Major Players:

IPOA: Information Platform Open Access



Open Access

Open Access to
Scientific Information

Information on Open Access

... for different target groups

... in individual disciplines

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IPOA: Information Platform Open Access

- One-stop-shop for information about open access in Germany
- Started as a DFG (main national research funder) funded project
- Project partners
 - Germany
 - Free University Berlin
 - University of Konstanz
 - University of Göttingen
 - University of Bielefeld
 - Austria
 - University of Vienna
 - Switzerland
 - University of Zürich

Open Access Days: Introduction

- Annual conference series
- Started in 2007
- Founded by the project Internet Platform Open Access
- In the first years in Germany only
- By now conference has also been hosted in the Austria and Switzerland

2007 Konstanz	2010 Göttingen	2013 Hamburg
2008 Berlin	2011 Regensburg	2014 Cologne
2009 Konstanz	2012 Vienna	2015 Zürich

Open Access Days: Map



German Open Access Successes: Bielefeld Academic Search Engine

**BASE**
Bielefeld Academic Search Engine

Mobile | A A A | A | Français | Se connecter

RECHERCHE SIMPLE | **RECHERCHE AVANCÉE** | AIDE | NAVIGATION | HISTORIQUE DE RECHERCHE

Recherche avancée

Document entier

Titre

Auteur

Entrées matière

(Partie de l')URL

10 Résultats par page

☒ Privilégier des documents en accès libre

☒ Trouver d'autres formes du mot

Rechercher

Sources des contenus

Monde entier

Année de publicationDepuis: Jusqu'en: **Type de document**☒ **Tous les types de documents**

☒ Monographies

☒ Article de périodiques

☒ Cours et travaux universitaires

☒ Thèses

☒ Critiques

☒ Audio

☒ Vidéo

☒ Images

☒ Cartes et plans

☒ Logiciels

☒ Données brutes

☒ Partitions

Terms of Re-use/Licences☒ **All**

☒ **Creative Commons**

☒ CC-BY

☒ CC-BY-SA

☒ CC-BY-ND

☒ CC-BY-NC

☒ CC-BY-NC-SA

☒ CC-BY-NC-ND

☒ **Public Domain**

☒ CC0

☒ Public Domain Mark (PDM)

Accès

☒ Open Access

☒ Non-Open Access

☒ Inconnu

Présents dans BASE: 78 704 258 documents provenant de 3 742 sources de contenus

À propos de BASE     | Contact | BASE Lab | Mentions légales

© 2004-2015 by Bibliothèke de l'Université de Bielefeld

Search powered by Solr & VuFind.

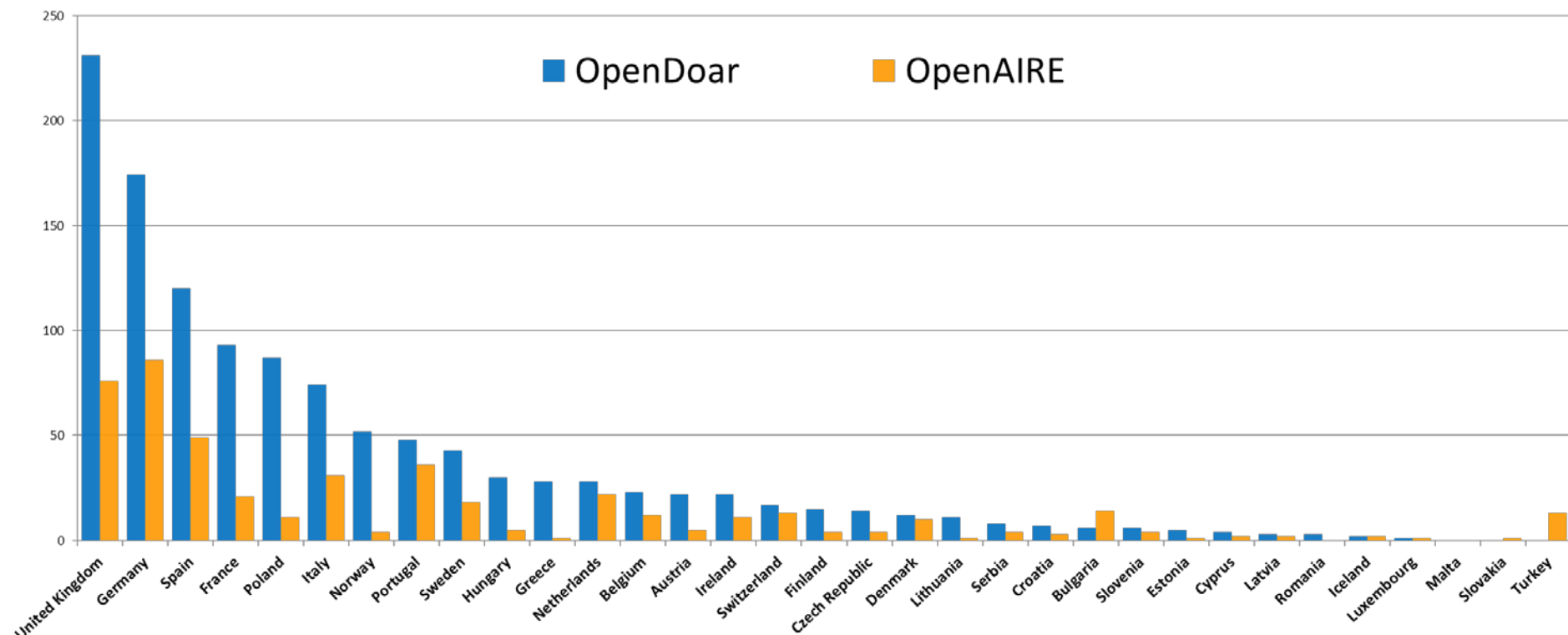
 **Suggérer un entrepôt**
 **Interfaces BASE**

 **Universität Bielefeld** INFORMATION.plus!
Universitätsbibliothek

Statistics on Open Access in Germany

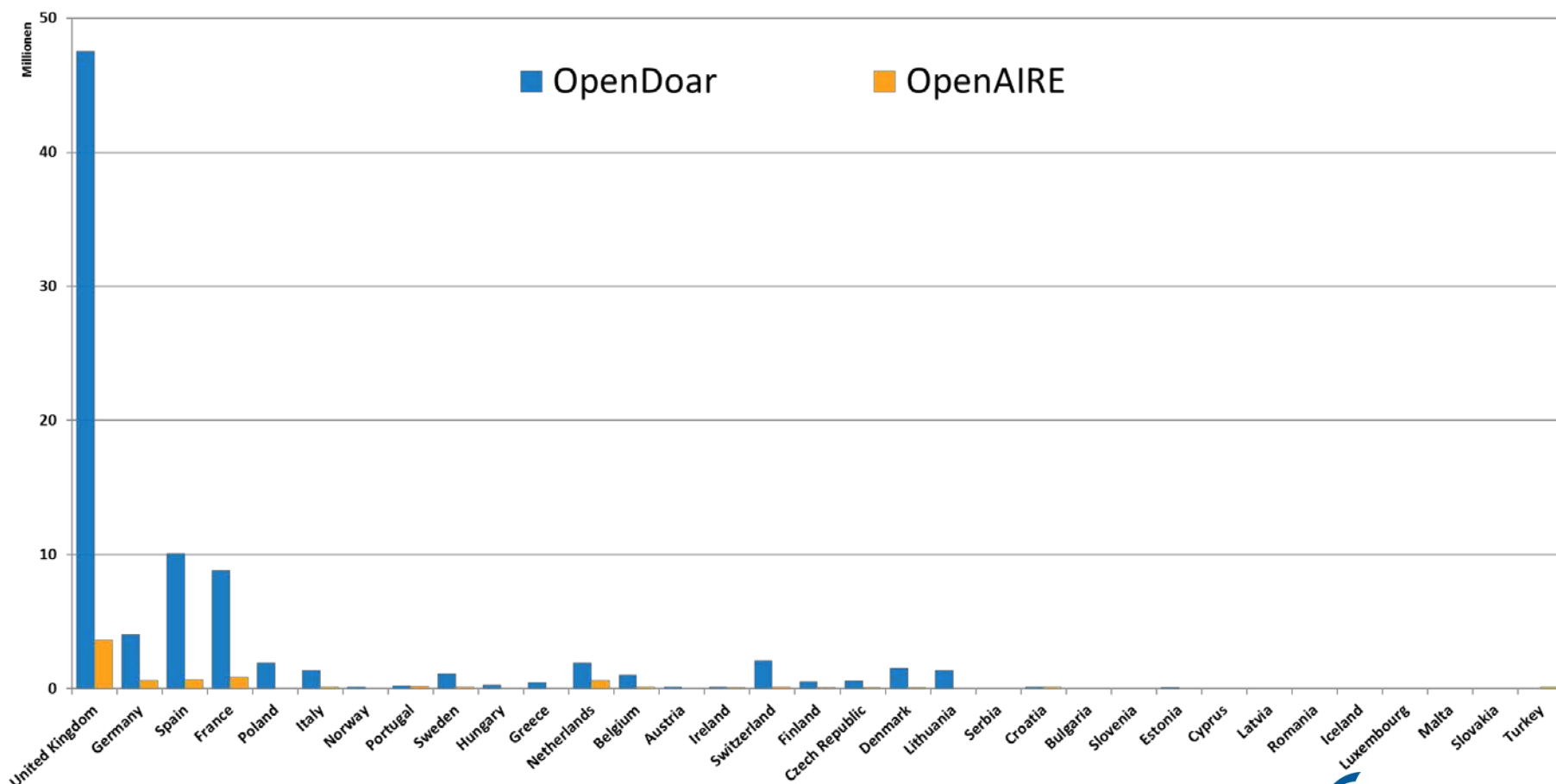


Number of Publication Repositories in the EU



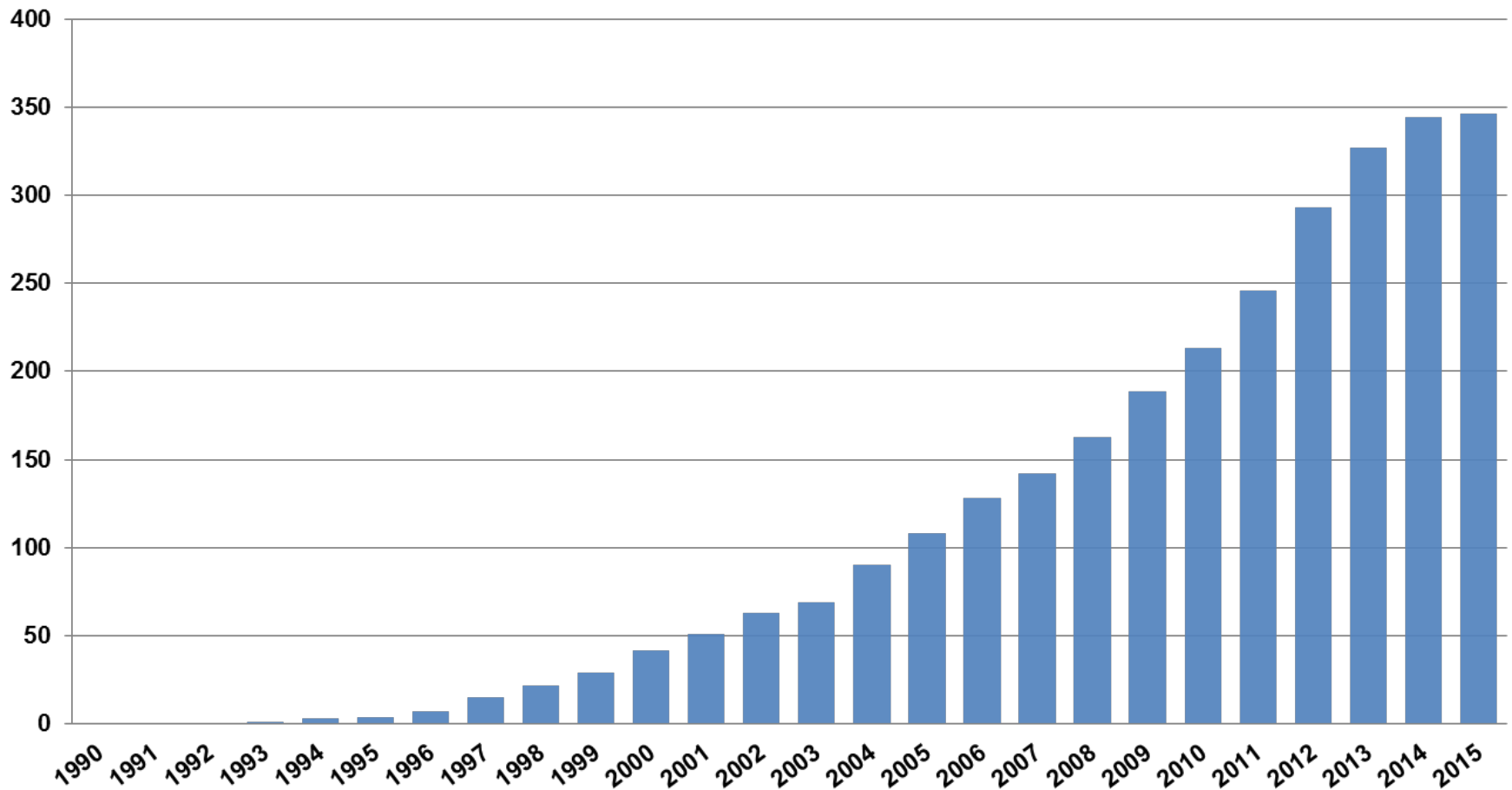
Christoph Bruch. Query based on data download 18.08.2015 from OpenAIRE website <https://www.openaire.eu/eu-member-states/noads/member-states-overview>

Number of Open Access Publications in the EU



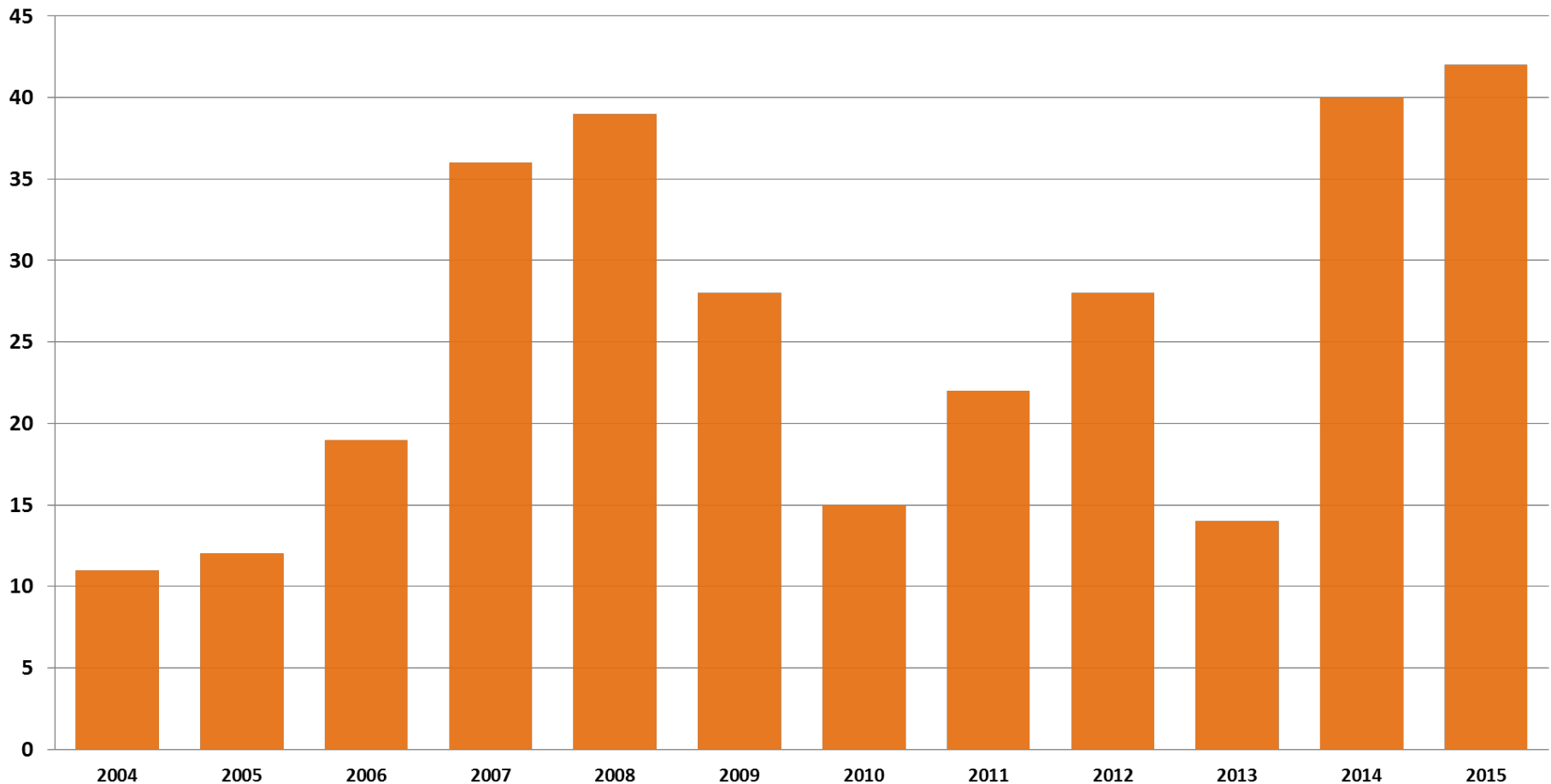
Christoph Bruch. Query based on data download 18.08.2015 from OpenAIRE website <https://www.openaire.eu/eu-member-states/noads/member-states-overview>

German Journals listed in the DOAJ



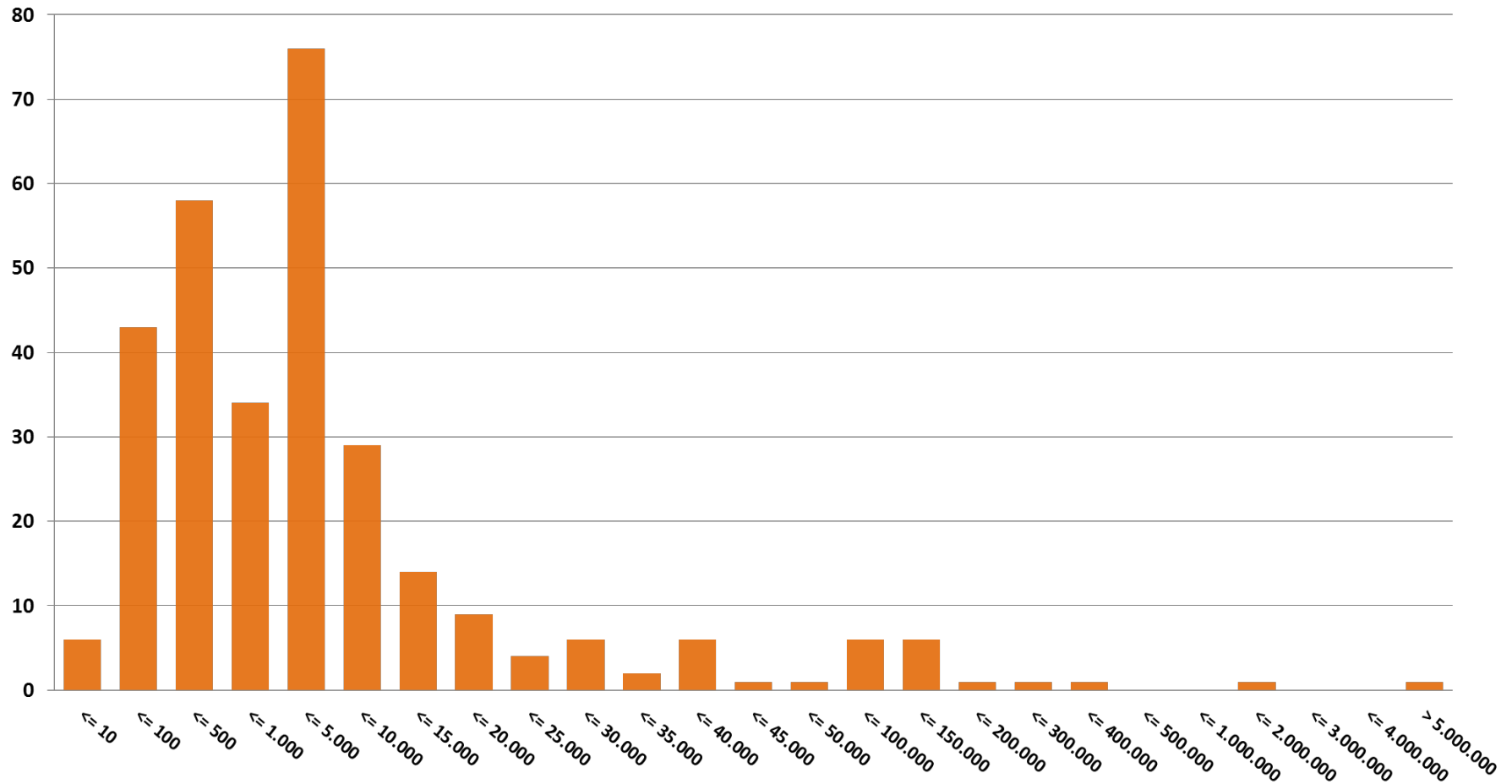
Source: Christoph Bruch, Query based on metadata download 12.10.2015: <https://doaj.org/faq#metadata>

German Repositories Newly Queried by BASE (N = 306)



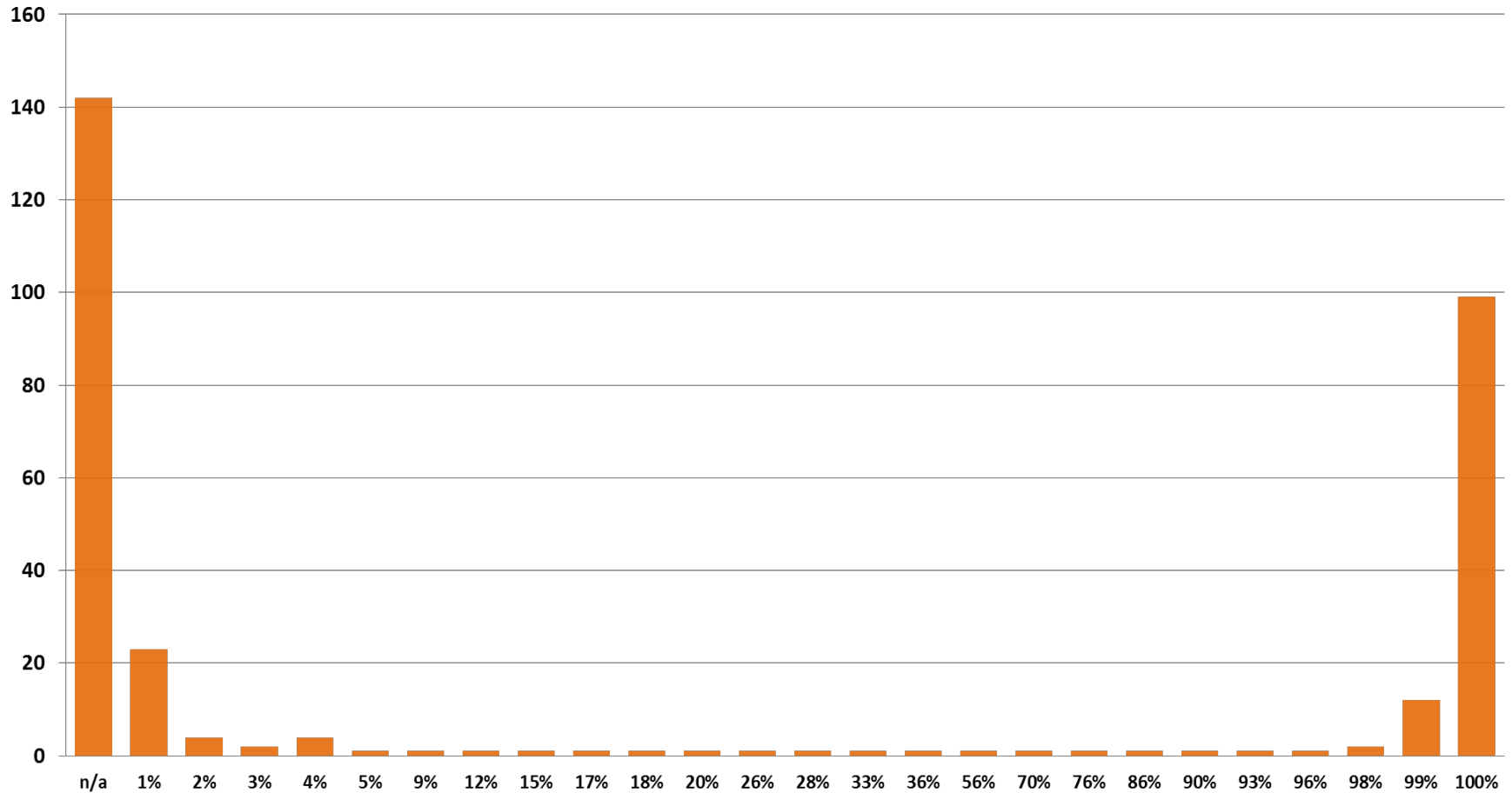
BASE query 10.10.2015. [https://www.base-search.net/Search/Results?filter\[\]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dociden](https://www.base-search.net/Search/Results?filter[]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dociden)

Size of German Repositories (N = 306)



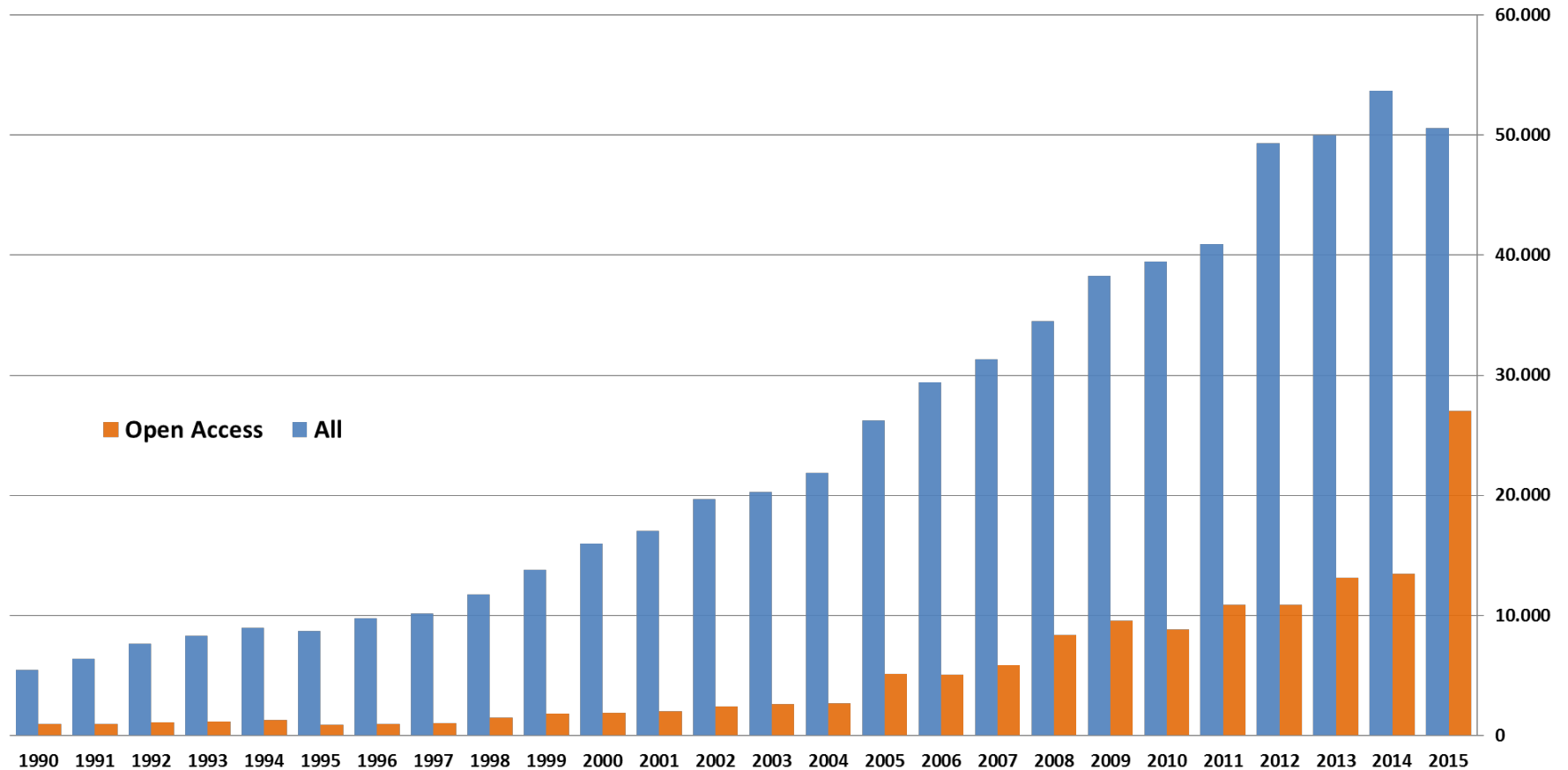
BASE query 10.10.2015. [https://www.base-search.net/Search/Results?filter\[\]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dcdden](https://www.base-search.net/Search/Results?filter[]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dcdden) N = 306

Proportion of OA Documents in German Repositories (N = 306)



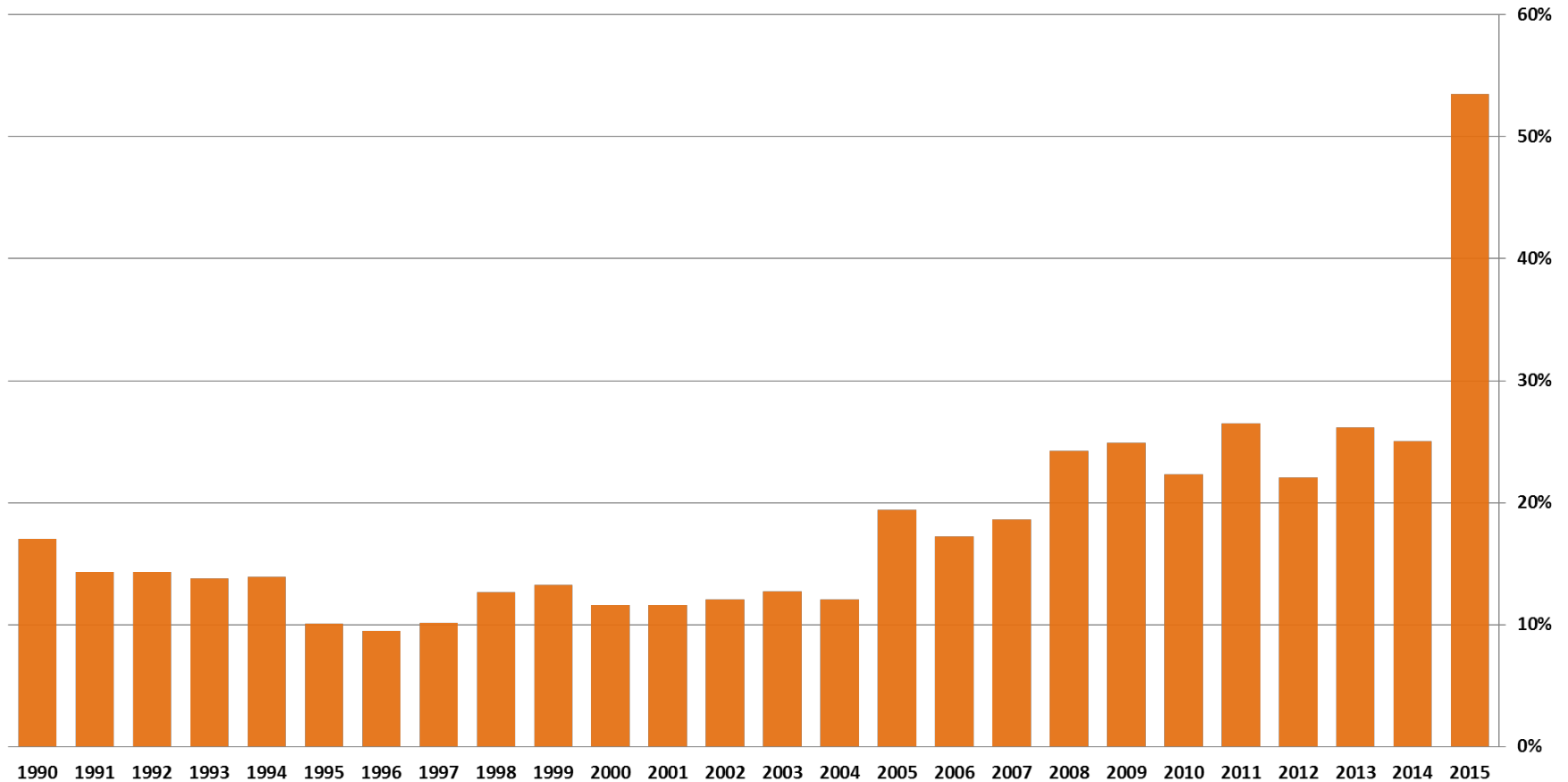
BASE query 10.10.2015. [https://www.base-search.net/Search/Results?filter\[\]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dcdden](https://www.base-search.net/Search/Results?filter[]=f_dcoa%3A%221%22&lookfor=country%3Ade+doctype%3A0001&type=&sort=relevance&oaboost=0&refid=dcdden) N=306

„German“ Open Access Journal Articles



BASE query 10.10.2015

„German“ Open Access Journal Articles (Percentages)



BASE query 10.10.2015

Enforcing Open Access: Baden-Württemberg

- E-Science strategy is supported by the law pertaining to higher education
- This charges Universities to internally pass a rule that obliges their employed researcher to use the right of secondary publication.
- As of now no university has passed such a rule.
- It is expected that the *Deutscher Hochschulverband* (German Association of University Professors and Lecturers) would find an university employee willing to sue the university with the argument that the rule infringes his academic freedom.

Successes

■ Political/legal

- Open Access / Open science policy has broad political support
 - States/ federal government
 - All political parties represented in the German states and federal parliaments
 - Alliance of German Research Organisation (that includes all of higher education)
 - Soft policies
- Berlin Declaration / conferences
- Right of secondary publication, but ...

■ Cooperation

- via Priority Initiative „Digital Information“ -> Forming consensus on open access policy

■ Funding/ contracts

- Alliance licenses = adding green rights to subscription contracts
- DFG program supporting universities in building open access funds

■ Infrastructure

- BASE_ Bielefeld Academic Search Engine
- Many institutional repositories, but ...

Challenges:

Opposition to Open Access: Politics

- There is a rift in all established political parties concerning open access.
- The politicians responsible for research policy regularly support open access.
- The politicians responsible for economic policy regularly oppose measures that are being perceived as putting an undue burden on the publishers.
- This conflict explains the less than fortunate wording of the German right to secondary publication.

Challenges:

Opposition to Open Access: Researchers

- Generally speaking researchers are indifferent or pro open access.
- They oppose open access if they fear that it puts an undue burden on them:
 - Self-archiving -> red tape, copyright issues, quality concerns
 - Open access gold -> if not enough funds are available to cover publication feed
 - Electronic publishing -> if field has a print culture
 - Focus on journal articles -> if book publishing is important in the field
 - Open Access policies -> if perceived as infringing academic freedom, but ...

Challenges

■ Political/legal

- Difficulty to form a coherent national policy because of split political responsibility – states – federal government
- Academic freedom limiting the strength of policies
- Shortcoming of right of secondary publication

■ Financial

- Very little shift of funds from subscription to publication fees

■ Infrastructure

- No centralised infrastructure – strength or weakness?

■ Regional/individual (subscription contracts) contracts

- Strength or weakness?

Digital Agenda 2014 - 2017: Green – Gold - Platinum





Merci beaucoup pour votre attention

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- <http://www.picturesofheaven.net/heavenstairway92.jpg>