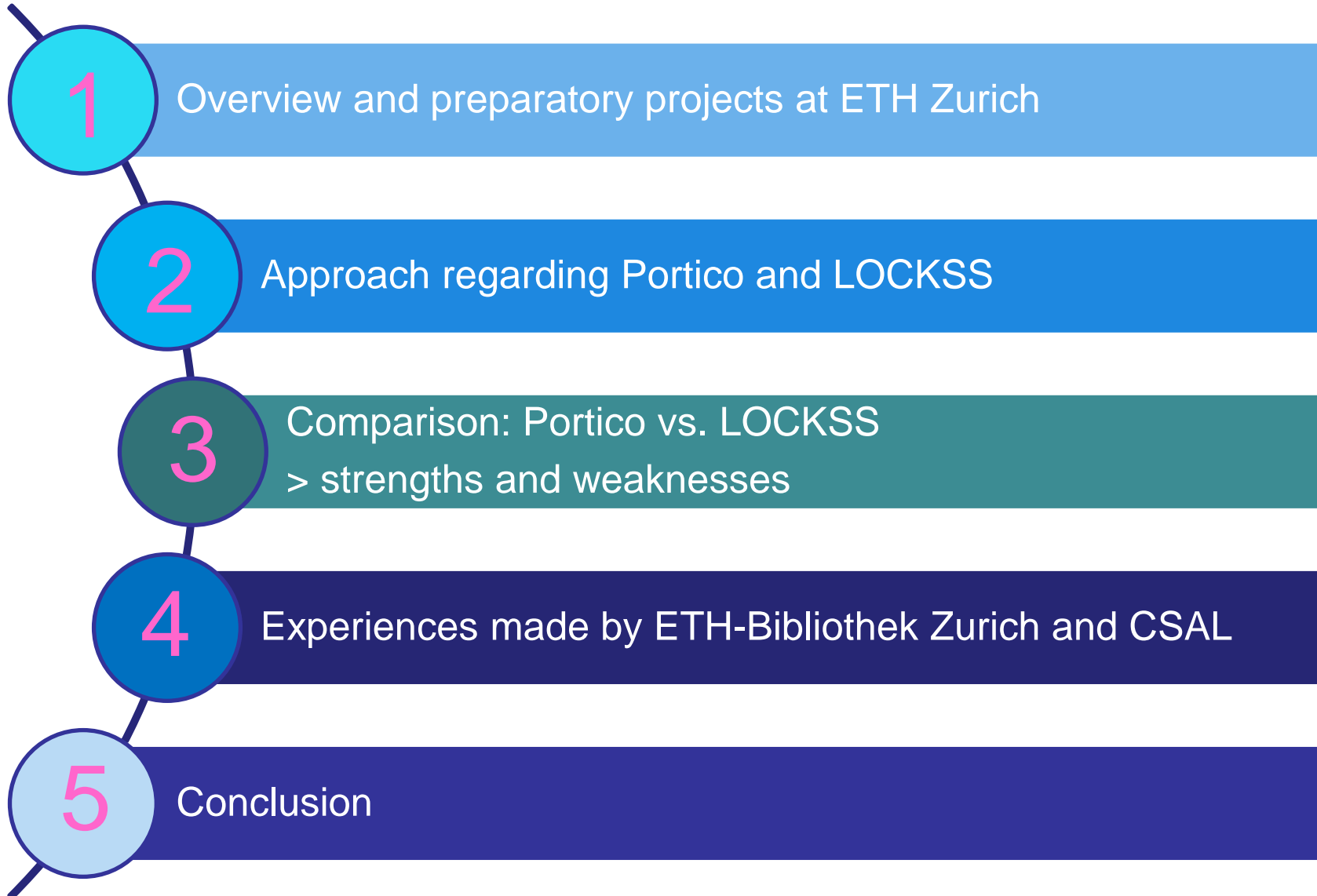


Consortium of Swiss Academic Libraries

PORTICO AND LOCKSS EVALUATION

Consortium of Swiss Academic Libraries

ICOLC Europe Meeting 2014, Pascalia Boutsouci, Lisbon 22 October 2014



1. HIGHER EDUCATION IN SWITZERLAND



Image source: <http://www.crus.ch/homenavigation/home.html>

Official Higher Education Institutions

- 10 Cantonal Universities
 - German- and French-speaking, one Italian-speaking
- Two federal Institutes of Technology
 - ETH Zürich (ETHZ) - Swiss Federal Institute of Technology
 - Ecole Polytechnique Fédérale de Lausanne (EPFL) - Swiss Federal Institute of Technology Lausanne
- 7 Universities of Applied Sciences

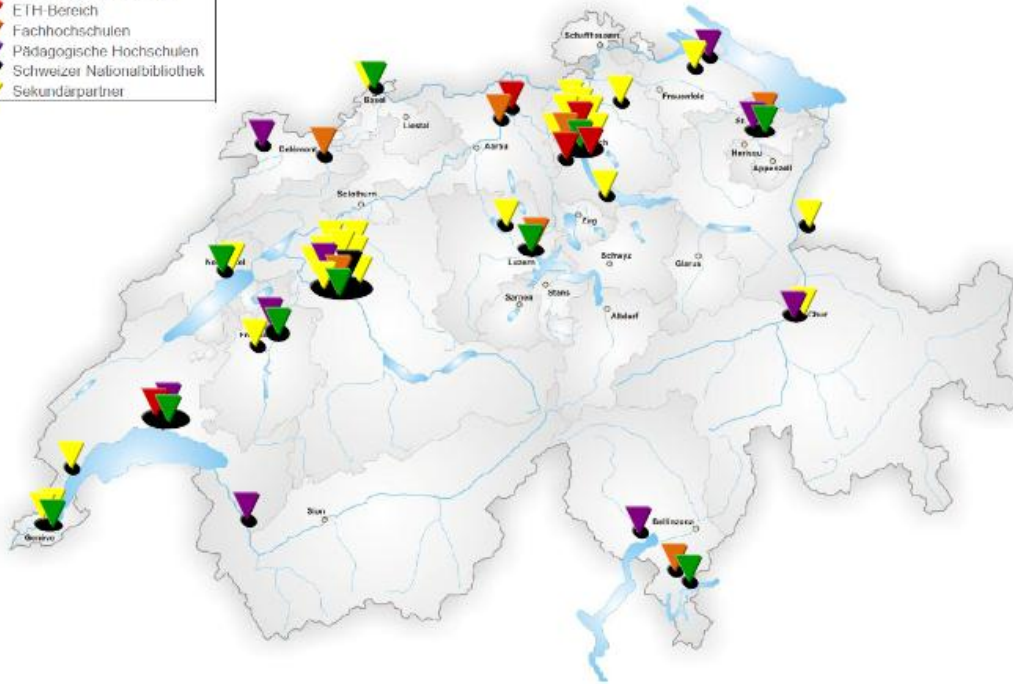
Switzerland lies in the heart of Europe

8.2 million people

26 cantons

Four official languages: German (66%), French (23%), Italian (9%), Retho-Romanic (1%)

1. CONSORTIUM OF SWISS ACADEMIC LIBRARIES



Since 2000

- Start-up financing of Swiss Confederation (€ 11 mio.)

Since 2006

- 100% financed by the members
 - Central office: 4 FTE
 - Acquisition of licenses: 2013 about € 22 mio.

Members 2014

- 60 libraries
 - All Universities and Universities of Applied Sciences
 - Libraries from non for profit institutions

1. PREPARATORY PROJECTS SINCE 2005

Project «E-Archiving»

(2005-2007, CSAL)

- Challenges regarding digital long-term preservation
- Accessibility of scientific and academic information

Pilot Project «Long-term preservation»

(2006-2009, ETH Zurich) Concept study (2008, e-lib.ch)

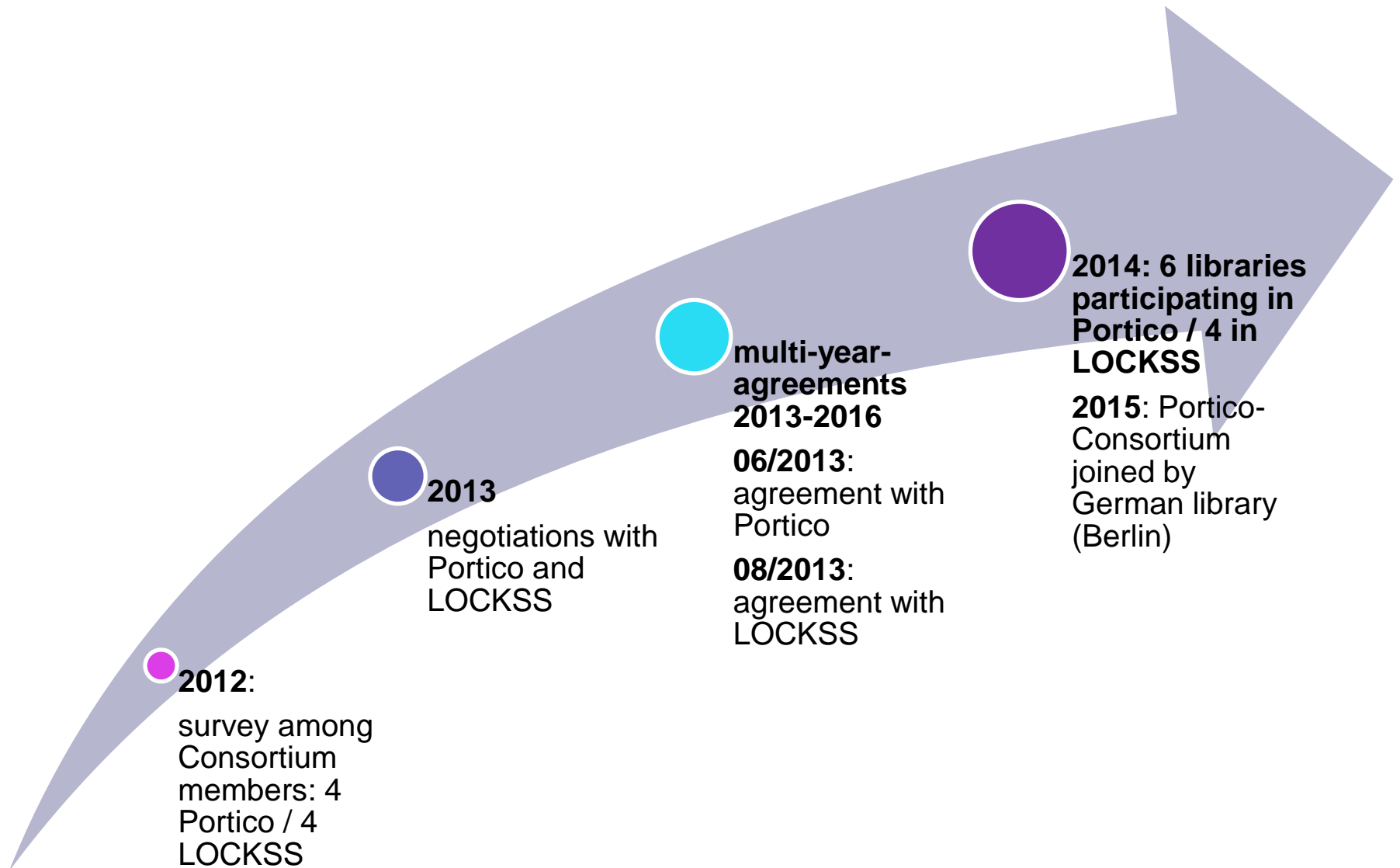
- Development of a **concept for reliable central long-term preservation** of digital primary and secondary data
- Suggestions for developing **national standards and guidelines** on digital long-term preservation

Project «E-Depot»

(2008-2012, CSAL), final report

- **Real test** with Digitool and Elsevier data → result:
- **Evaluation of Portico, LOCKSS, CLOCKSS**
 - Portico more expensive than LOCKSS / CLOCKSS, but broader coverage
- Many of the «big» publishers participate in Portico

2. APPROACH REGARDING PORTICO AND LOCKSS



3. COMPARISON: PORTICO VS. LOCKSS I



PORTICO

- **Holdings comparison** offered by Portico (between 51-58% of holdings in Swiss libraries preserved in Portico)
- Members can actively submit input as to which **publishers should be approached** by Portico
- Portico is responsible for the **archiving-process (migration)**
- **Price based on LME** (Library Materials Expenditure)
- → 6 CSAL-members
- **Agreement for National Licences** will be considered



- **Global or Private LOCKSS Network**
- Switzerland: Member of **Global LOCKSS Network (GLN)**
- **LOCKSS-Box** installed on local server (min. 6 TB) → Know-How
- **Crawler** adds content → What is actually available, what is only planned so far?
- → 4 CSAL-members
- **Private LOCKSS Network (PLN)** being considered with National Licences

3. COMPARISON: PORTICO VS. LOCKSS II







- **Negotiations** with Portico easy and quick
- **Model agreement** for participation
- **Fast** reaction
- **Hardly any expenditure** material- or personell-wise, however slightly more expensive than LOCKSS, but good consortia discounts
- → and at the end even cheaper than LOCKSS



- **Negotiations** with LOCKSS slightly **slower**
- **No existing model contract** from LOCKSS side. CSAL drew an agreement which was rejected by LOCKSS → **letter of intent**
- **Investment in manpower** (technician & librarian):
 - Installation of box and maintenance/service
 - Loading and updating licenced journals takes a lot of time

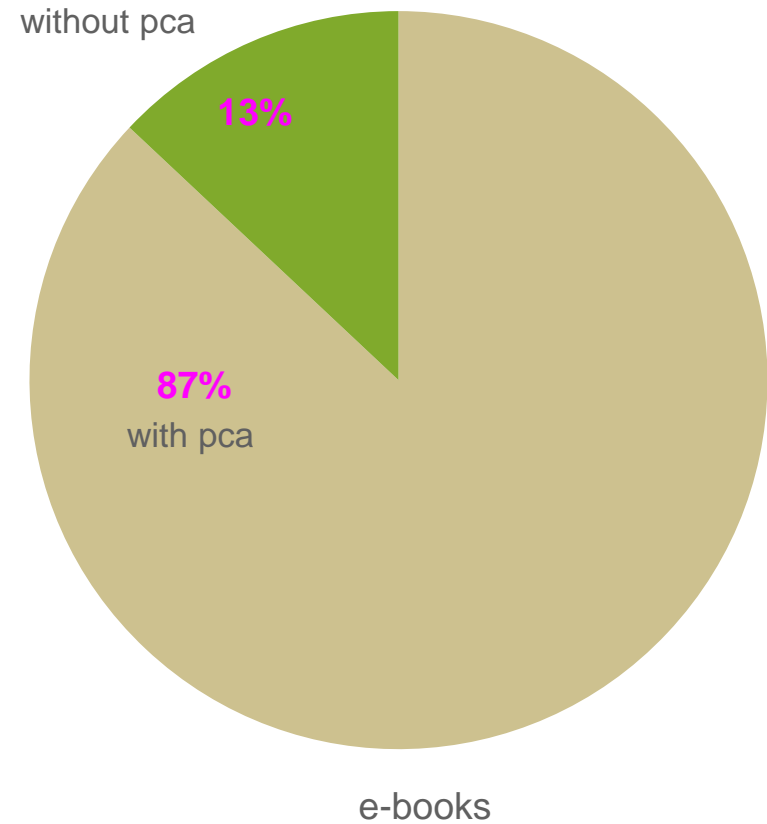
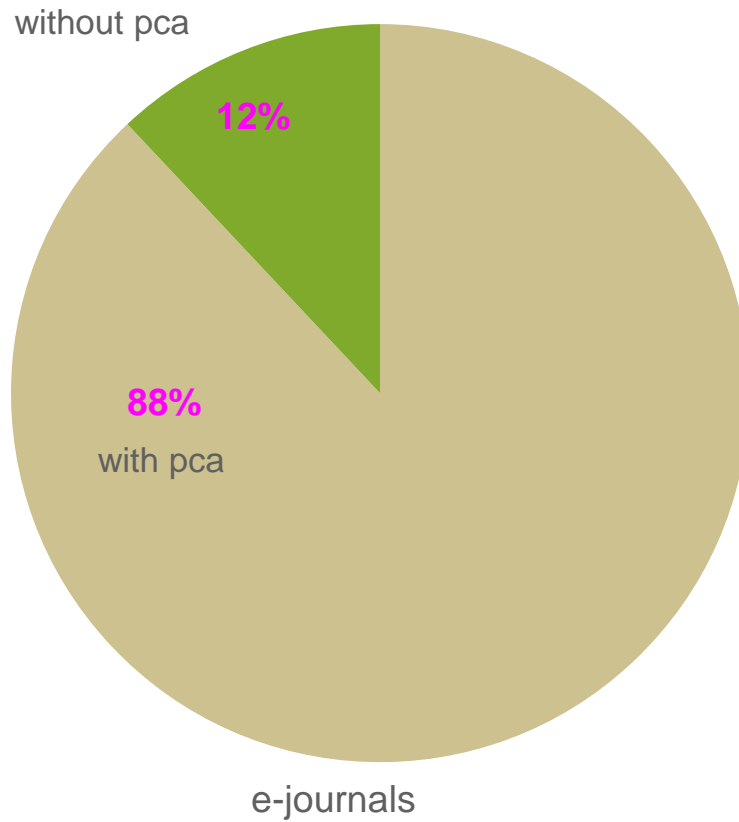
E-JOURNALS HOLDINGS COMPARISON

Between 51-58% of holdings in Swiss libraries preserved in Portico.

Institution	# of Library Entries	Unique Library Entries	# of library titles in Portico	# of library titles in Portico PCA	% of library holdings in Portico	% of library holdings in Portico PCA
 ETH Zürich	15,573	15,573	8,836	8,519	56%	96%
 UNIVERSITÄT BASEL	48,978	20,368	10,546	9,390	51%	89%
 University of St.Gallen	27,995	13,176	7,717	7,482	58%	97%
 Universität Zürich	18,487	18,472	10,798	9,754	58%	90%

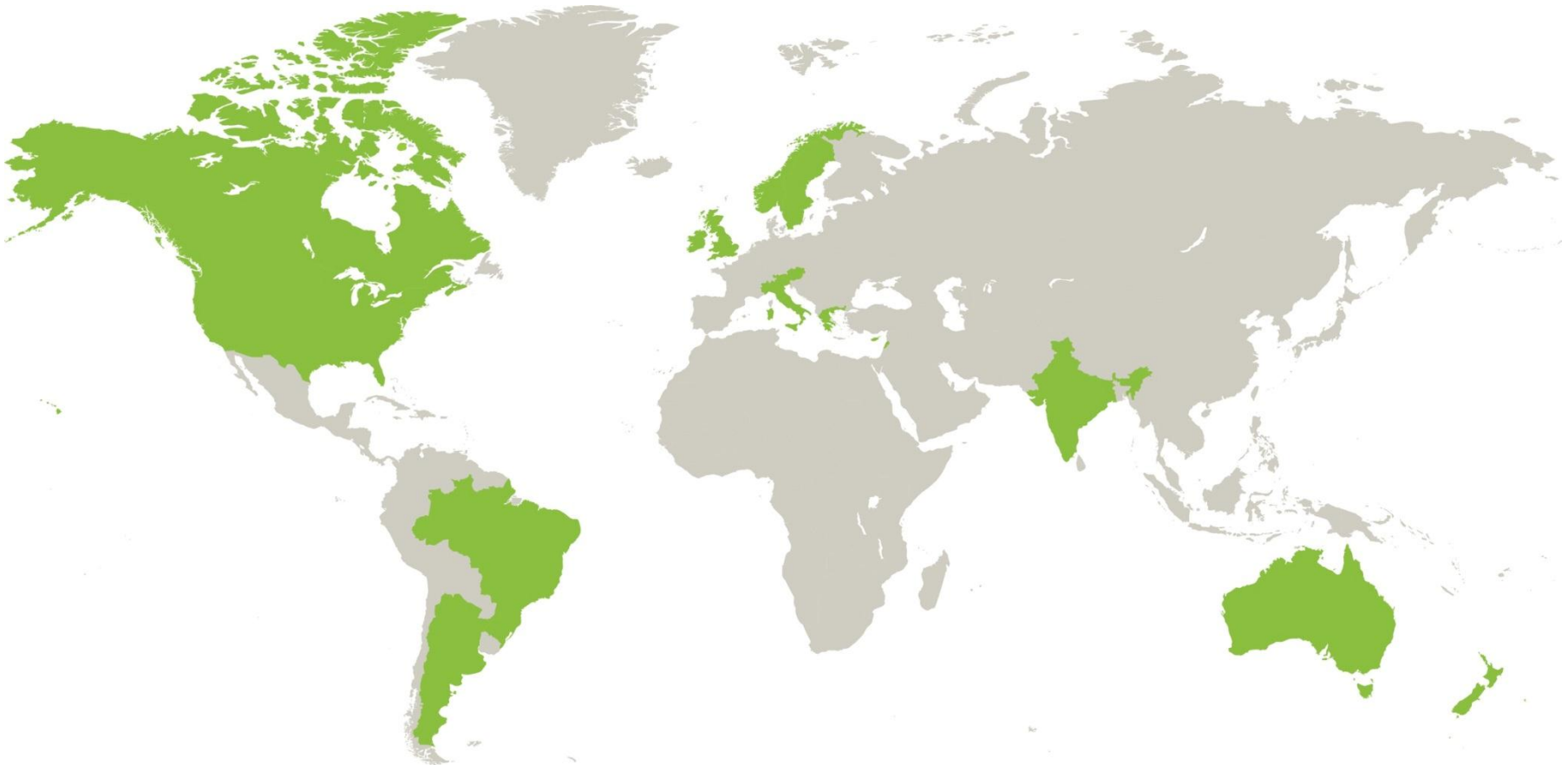
16,484 titles currently being preserved by Portico.

CONTENT PRESERVED IN PORTICO WITH PCA RIGHTS



GLOBAL LIBRARY PARTICIPATION OF PORTICO

More than 900 libraries in 20 countries / more than 250 European institutions.



4. EXPERIENCES MADE BY ETH-LIBRARY

Why invest in digital preservation?

- **Content** is increasingly **digital**
- **Local hosting** is unrealistic for many libraries
- Fast **technical development**
- Libraries **can't depend on publishers** alone
- → Recognize the need!

Steps taken to internally act on decision

- **Internal evaluation:** holdings comparison
- **Preliminary investigation** (participating publishers, conditions)
- **Groundwork by CSAL** (negotiations with Portico / LOCKSS, work out conditions in contract)

Experiences with Portico / LOCKSS

- **No trigger events** for licenced content so far
- **Participation** in one of the following options as basic requirement for ETH-Bibliothek when negotiating new licences: Portico, LOCKSS, Local Hosting

5. CONCLUSION AND OPEN QUESTIONS



CSAL: Contracts with both Portico and LOCKSS for better (broader) coverage of content

How to **motivate libraries** (CSAL-members) to join Portico / LOCKSS? → long-term benefits!

Data security: Is there a mirror server in Europe?

Will **one option prevail** over the other or will both be able to catch on in the future?



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