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Haute école de gestion
Genève

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THE UPTAKE OF IIF IN SWITZERLAND AND THE CURRENT STATE OF TICKS: BUILDING A IIF-ALIGNMENT OUTREACH PROGRAMME

Julien A. Raemy – @julsraemy

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Agenda

1. IIF in Switzerland
2. Towards IIF-Compliance Knowledge in Switzerland (TICKS)
3. Propositions to build a IIF-alignment outreach programme

1. IIF IN SWITZERLAND

Swiss organisations involved in IIF*

*situation in March 2018

■ Projects

- e-codices
- Fragmentarium

■ Companies

- text&bytes
- Klokan Technologies

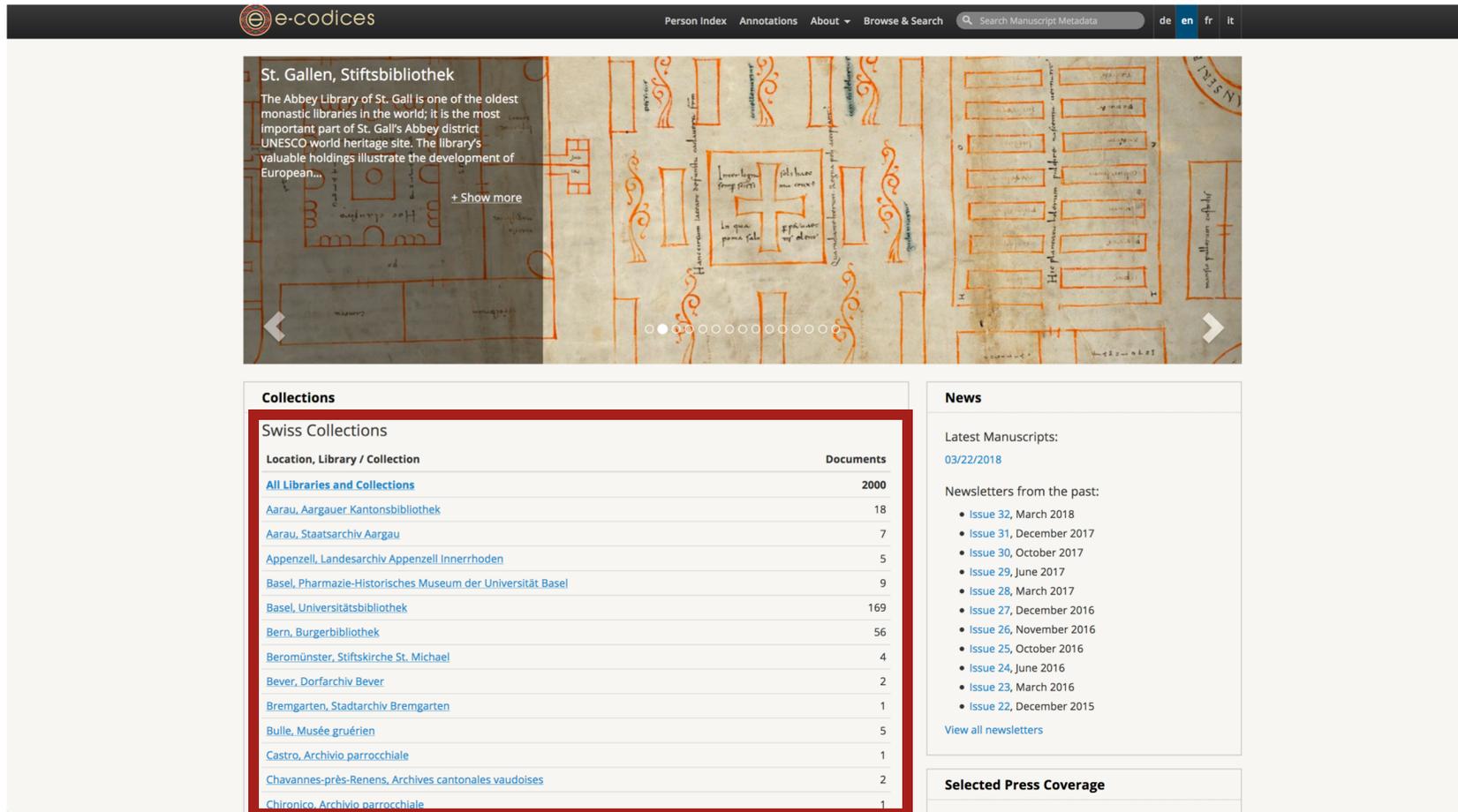
■ IIF-C Members

- University of Basel, Digital Humanities Lab
- Ecole Polytechnique Fédérale de Lausanne (EPFL), Digital Humanities Lab

Since
2017

Only known collections from Switzerland where both of the core IIF APIs have been implemented.

The Swiss IIF use-case: e-codices



The screenshot shows the e-codices website interface. At the top, there is a navigation bar with the e-codices logo, a search bar, and language options (de, en, fr, it). The main content area features a large manuscript viewer displaying a page from the Abbey Library of St. Gall, with a descriptive text box on the left and a '+ Show more' link. Below the viewer, there are two columns: 'Collections' and 'News'. The 'Collections' section contains a table of Swiss collections, which is highlighted with a red border in the image. The 'News' section lists the latest manuscripts and newsletters from the past.

Location, Library / Collection	Documents
All Libraries and Collections	2000
Aarau, Aargauer Kantonsbibliothek	18
Aarau, Staatsarchiv Aargau	7
Appenzell, Landesarchiv Appenzell Innerrhoden	5
Basel, Pharmazie-Historisches Museum der Universität Basel	9
Basel, Universitätsbibliothek	169
Bern, Burgerbibliothek	56
Beromünster, Stiftskirche St. Michael	4
Bever, Dorfarchiv Bever	2
Bremgarten, Stadtarchiv Bremgarten	1
Bulle, Musée gruérien	5
Castro, Archivio parrocchiale	1
Chavannes-près-Renens, Archives cantonales vaudoises	2
Chironico, Archivio parrocchiale	1

IIF-Compliant since December 2014

A national project

75 Swiss organisations



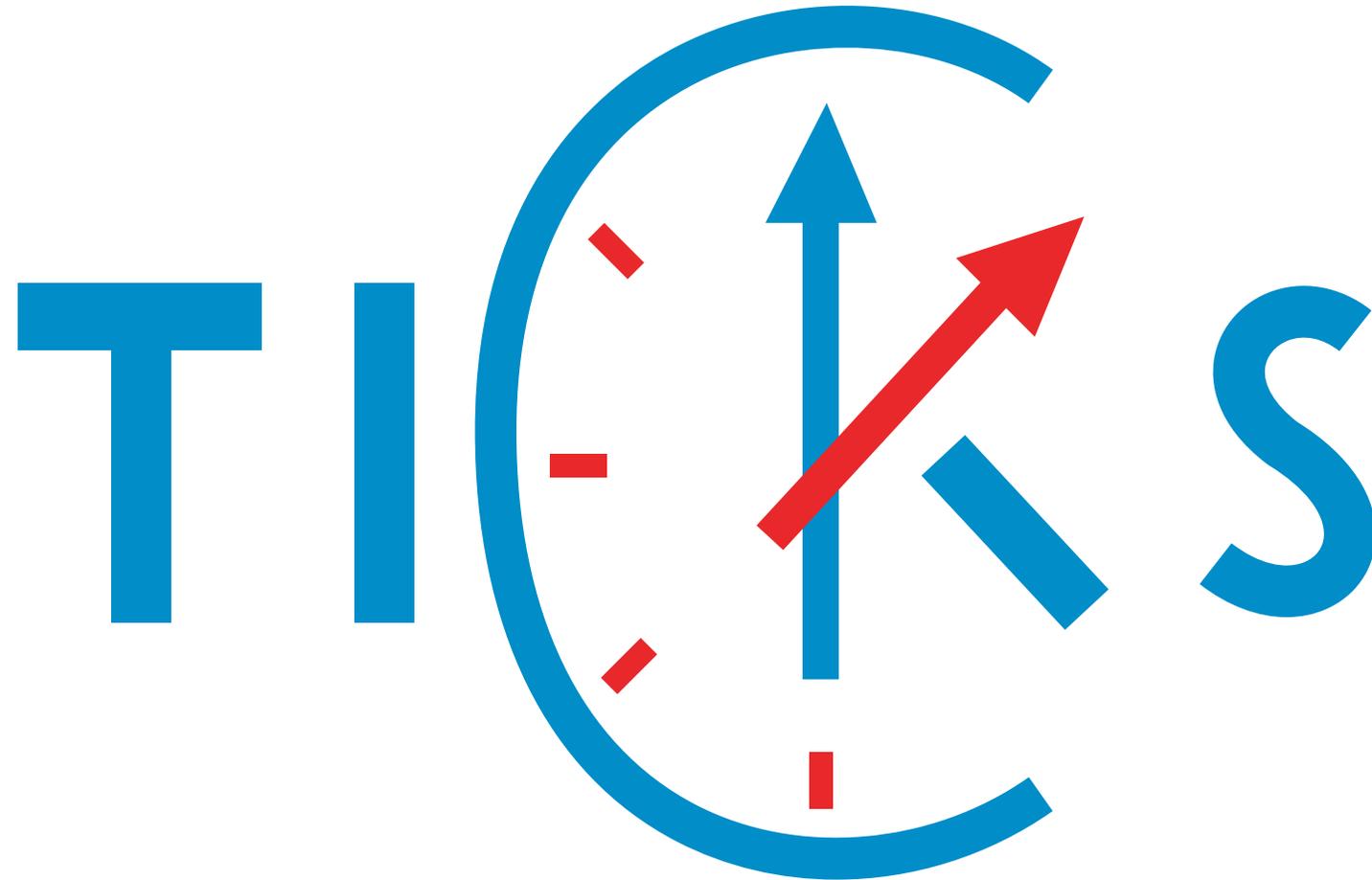
<http://e-codices.ch/>

IIF Resources from Swiss institutions

- 75 Swiss organisations involved in IIF through e-codices
- IIF Image API-compliant – Interfaces developed by the EPFL DHLab
 - **Archive platform of the Swiss newspaper *Le Temps***
<http://www.letempsarchives.ch/>
 - **Digital library of the Elysée Museum (Lausanne)**
<http://photobookselysee.ch/>
- In development:
 - **A national platform for scholarly edition projects (NIE-INE), with the help of the University of Basel DHLab and SIPI, their IIF-compliant server.**

Yes but...

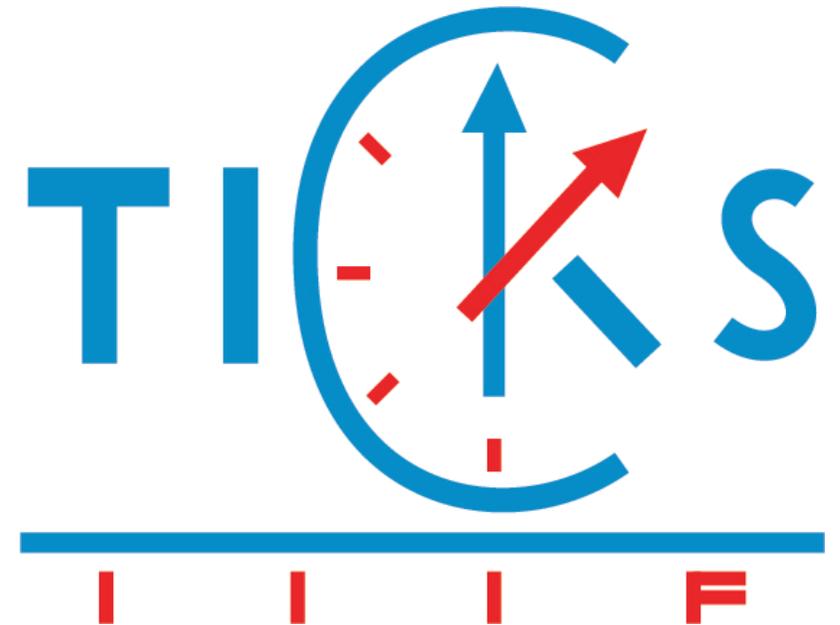
- e-codices and Fragmentarium focus on medieval and modern manuscripts.
- In Switzerland, DH Labs seem more interested by IIF than libraries, archives or museums.
- IIF has been only implemented through projects or mandates.
- **How do Swiss organisations in the cultural heritage field publish their content?**
- **Do they know IIF?**
- **Isn't it high time?**



I I I F

2. TOWARDS IIF- COMPLIANCE KNOWLEDGE IN SWITZERLAND (TICKS)

PURPOSE OF THE PROJECT



@fr – http://campus.hesge.ch/id_bilingue/projekte/ticks/index_fr.asp

@de – http://campus.hesge.ch/id_bilingue/projekte/ticks/default.asp

@en – <https://www.researchgate.net/project/Towards-IIIF-Compliance-Knowledge-in-Switzerland-TICKS>

TICKS

Objectives

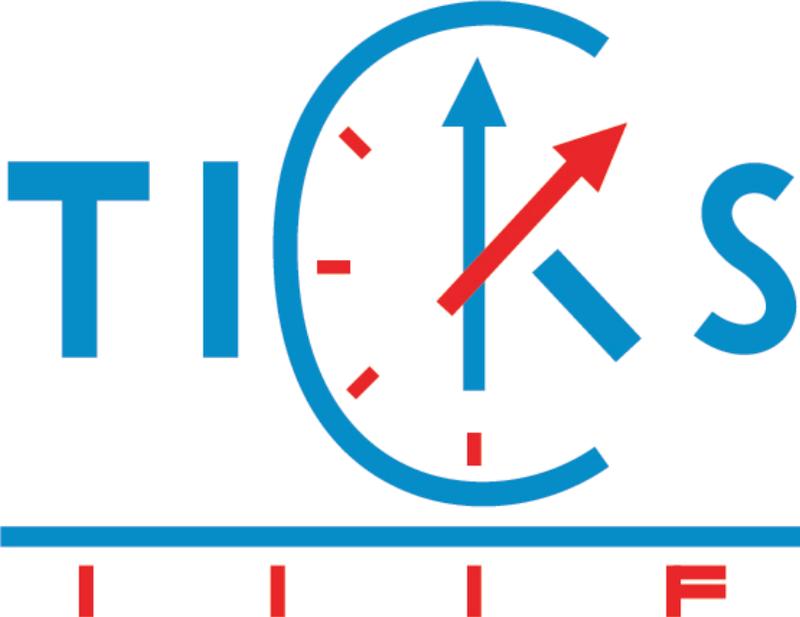
1. Reviewing the existing technology stacks and deployed APIs in the cultural heritage field in Switzerland
2. Performing a needs assessment and a gap analysis by means of surveys and interviews
3. Writing a technical white paper which includes a requirements analysis and a set of recommendations
4. Designing and conducting a IIF alignment outreach programme with hands-on workshops

TICKS

Roadmap

Obj.	Tasks	03.2018	04.2018	05.2018	06.2018	07.2018	08.2018	09.2018	10.2018	11.2018	12.2018	01.2019	02.2019
0	WP 0: Project monitoring												
	WP 01: Project management	[Blue bar spanning all months]											
	WP 02: IIF Outreach Community Calls	[Blue]	[Blue]		[Blue]	[Blue]	[Blue]	[Blue]	[Blue]	[Blue]	[Blue]	[Blue]	[Blue]
	WP 03: IIF Conference and WG Presentations			[Red Diamond]					[Red Diamond]				
	WP 04: Publications			[Green Arrow]				[Red Diamond]	[Green Arrow]			[Blue]	[Red Diamond]
1	WP 1: Literature review	[Blue]	[Red Diamond]	[Green Arrow]									
2	WP 2: Needs assessment												
	WP 21: Surveys	[Blue]	[Blue]										
	WP 22: Interviews		[Green Arrow]	[Blue]									
3	WP 3: Technical white paper												
	WP 31: Survey and interviews analysis			[Green Arrow]	[Blue]	[Blue]							
	WP 32: Requirements analysis					[Blue]	[Blue]						
	WP 33: Recommendations and recipes						[Red Diamond]	[Green Arrow]					
4	WP 4: Outreach effort												
	WP 41: Tutorial development						[Green Arrow]	[Blue]	[Blue]				
	WP 42: Translations							[Blue]	[Blue]				
	WP 43: Events and workshops								[Green Arrow]	[Red Diamond]			
	WP 44: Feedback and future work								[Green Arrow]	[Blue]	[Blue]	[Green Arrow]	

WHAT HAS BEEN DONE SO FAR?

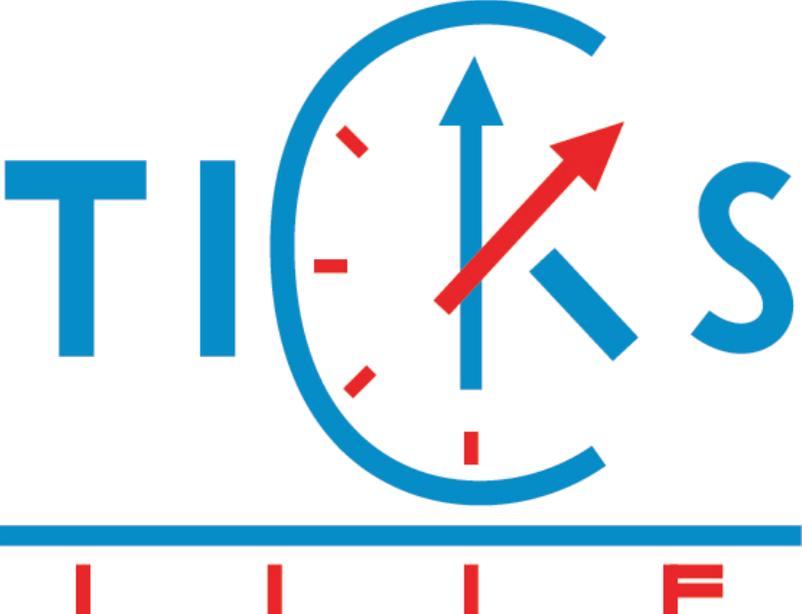


TICKS

March – May 2018

- Survey and informal interviews
- An article in French published in *Hors-Texte*, the journal of the Geneva Library Association (AGBD): <http://hesso.tind.io/record/2394>
- This presentation 😊

SURVEY



Survey Overview



Based on a similar survey conducted by Europeana in 2017



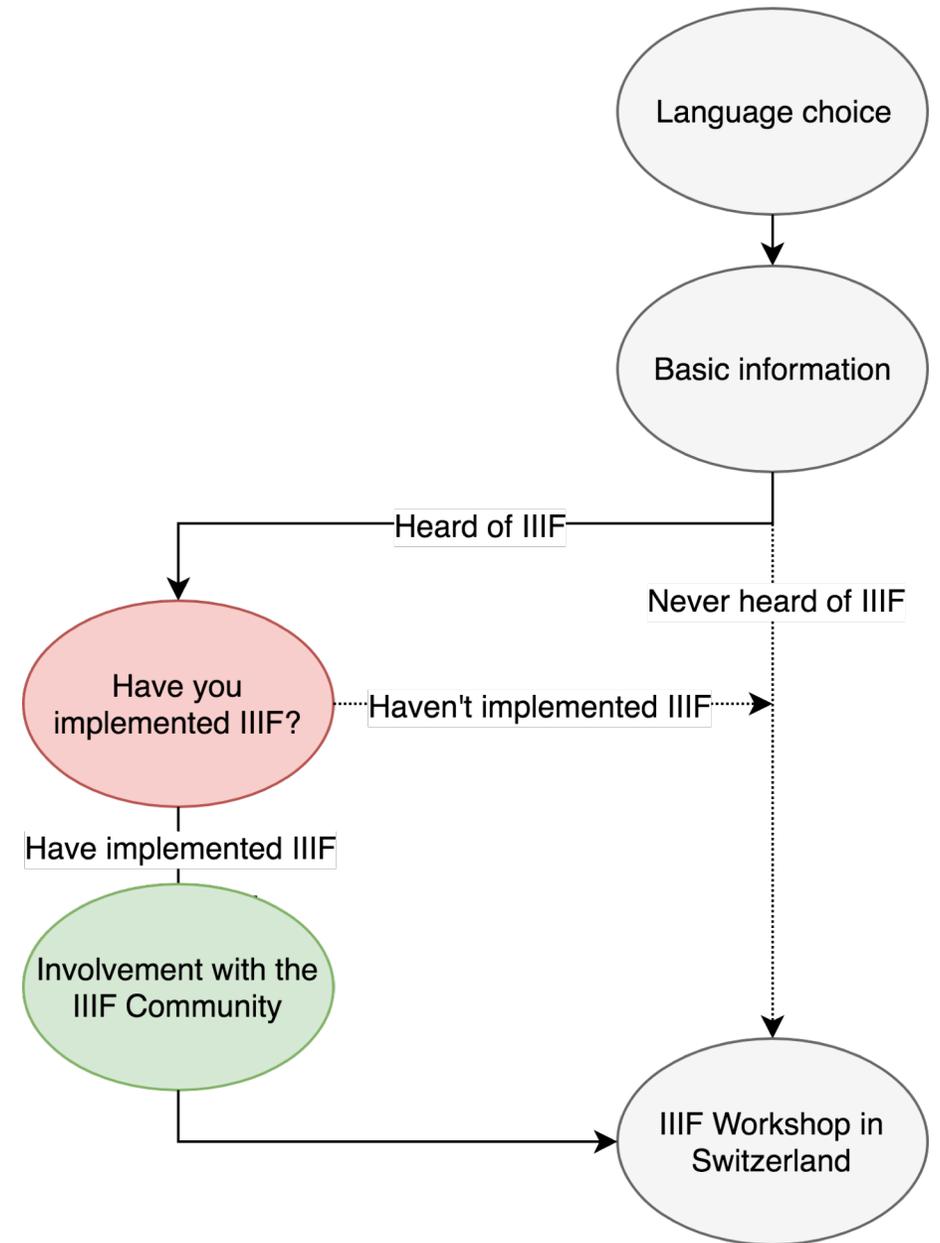
- Swiss-lib mailing list
- IIF Discuss Google Group
- Individual emails



13th March –
12th April 2018

Survey Structure

1. Language choice
2. Basic information (1st anchor)
3. IIF implementation (2nd anchor)
4. Involvement with IIF
5. IIF Workshop in Switzerland

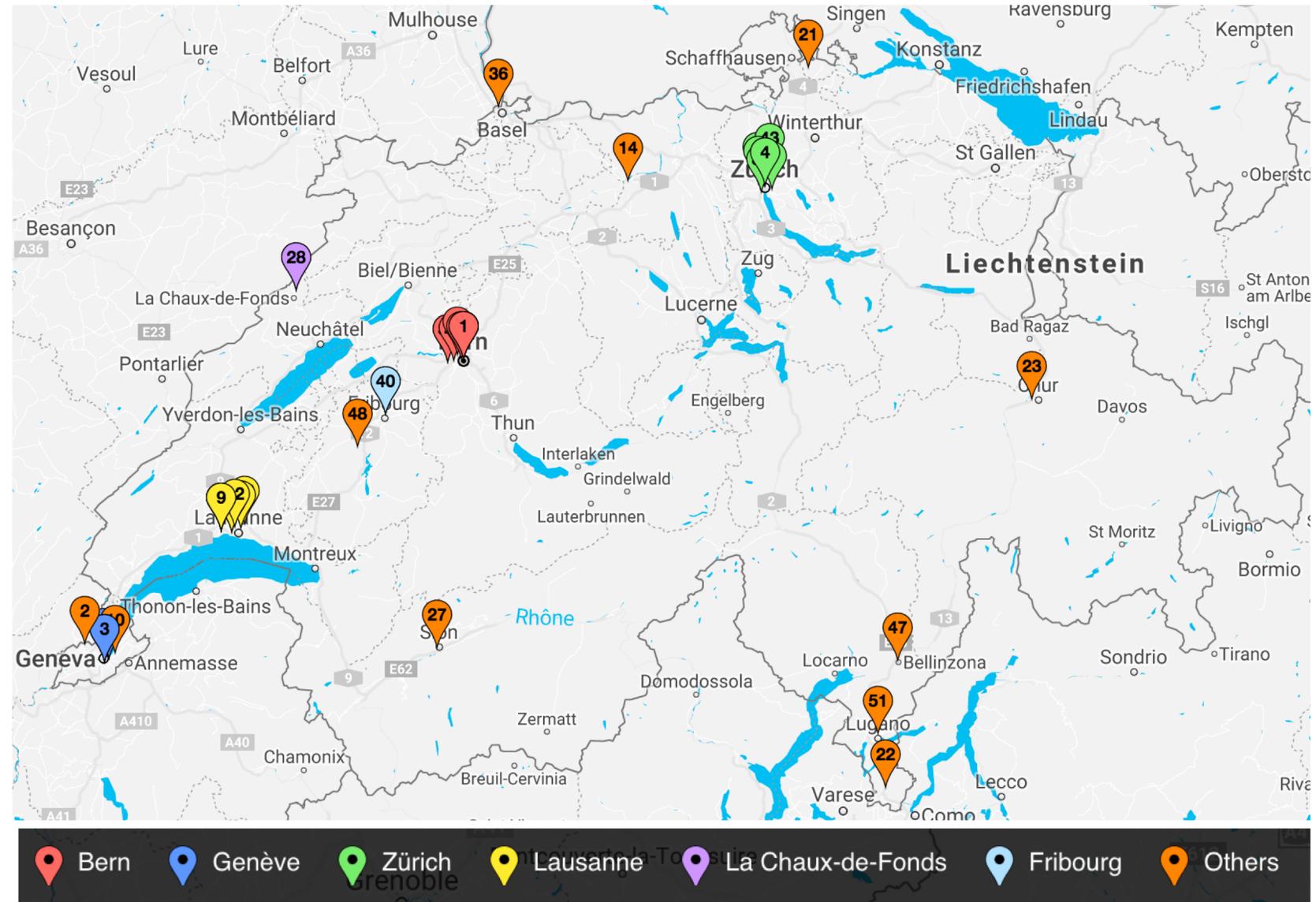


Survey

Respondents

- 52 participants from 45 institutions
 - French (n = 26)
 - German (n = 25)
 - English (n = 1)

The following slides are only a summary



Survey

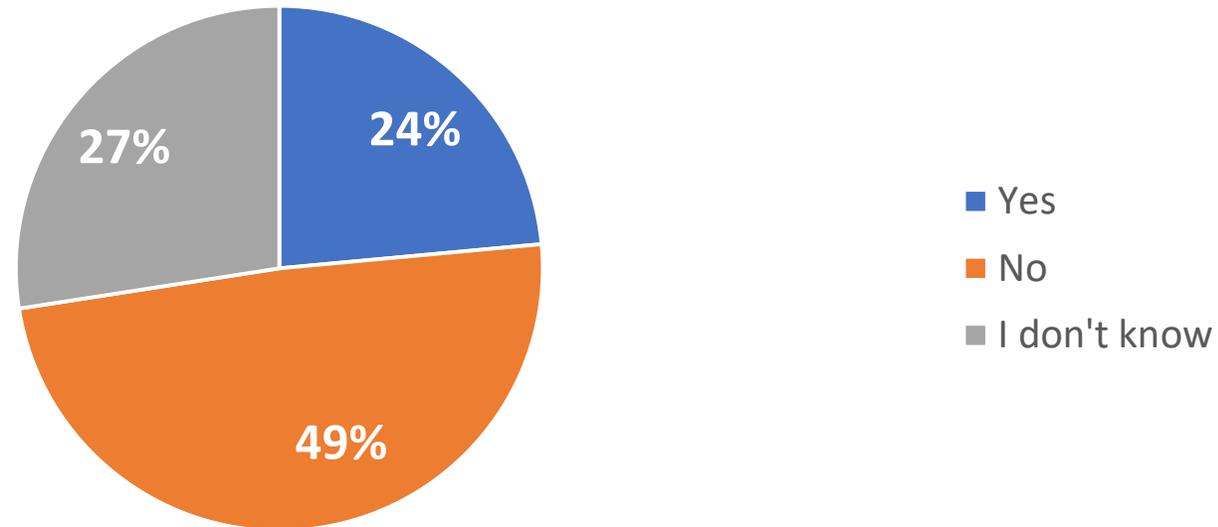
1. Basic information (n = 52)

- Types of institution
 - Libraries (n = 26)
 - Archives (n = 10)
 - Museums (n = 2)
 - Academic research centre (n = 5)
 - ...
- Types of content
 - Text (n = 42)
 - Images (n = 19)
 - Audio (n = 17)
 - Video (n = 5)
 - 3D (n = 1)

Survey

1. Basic information (n = 52)

Do you use any Application Programming Interfaces (APIs) to deliver your images on the Web?



What are the main challenges you have faced in publishing your digital resources on the Web?

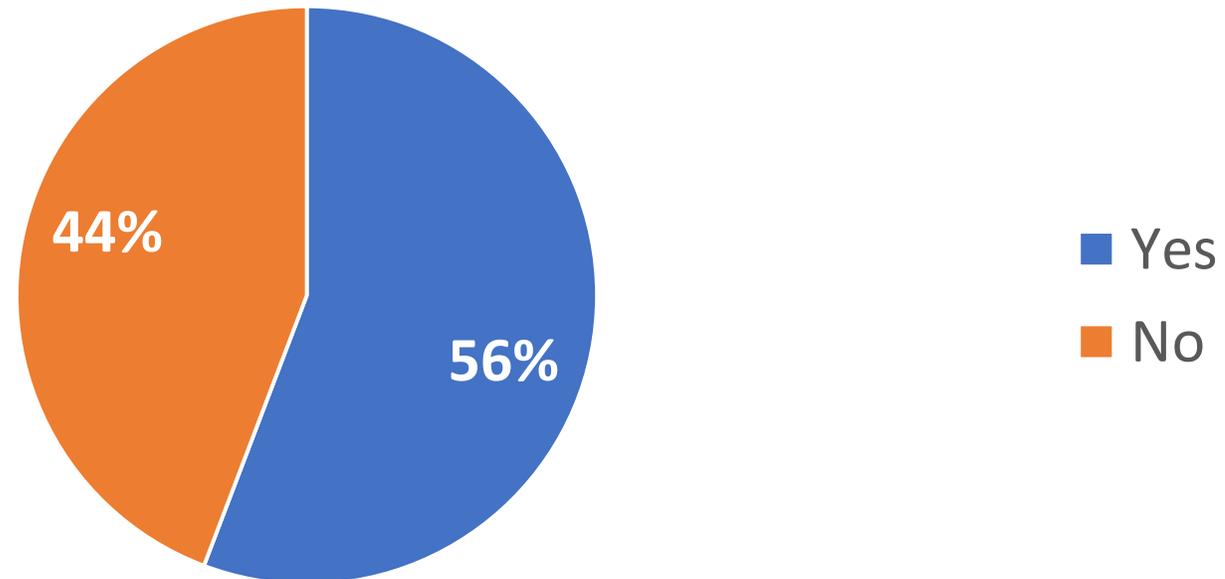


- Rights
- Storage
- Digitization
- Availability
- Quality
- User-friendliness
- DAMs / CMS
- Sustainability
- Interoperability
- ...

Survey

1. Basic information (n = 52)

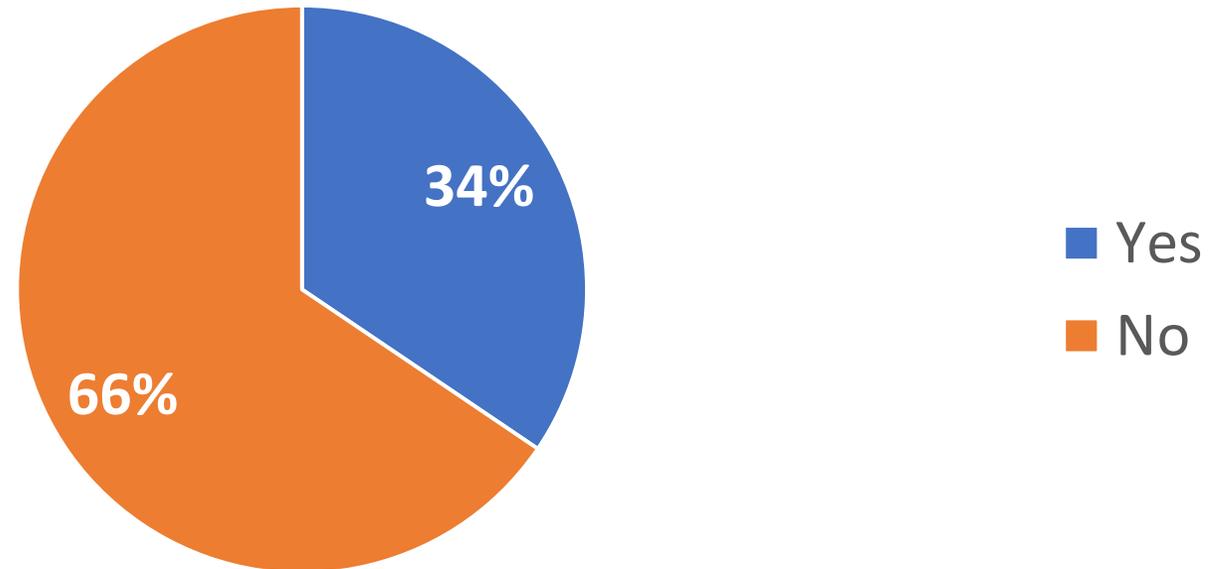
Have you heard of the International Image Interoperability Framework (IIIF)?



Survey

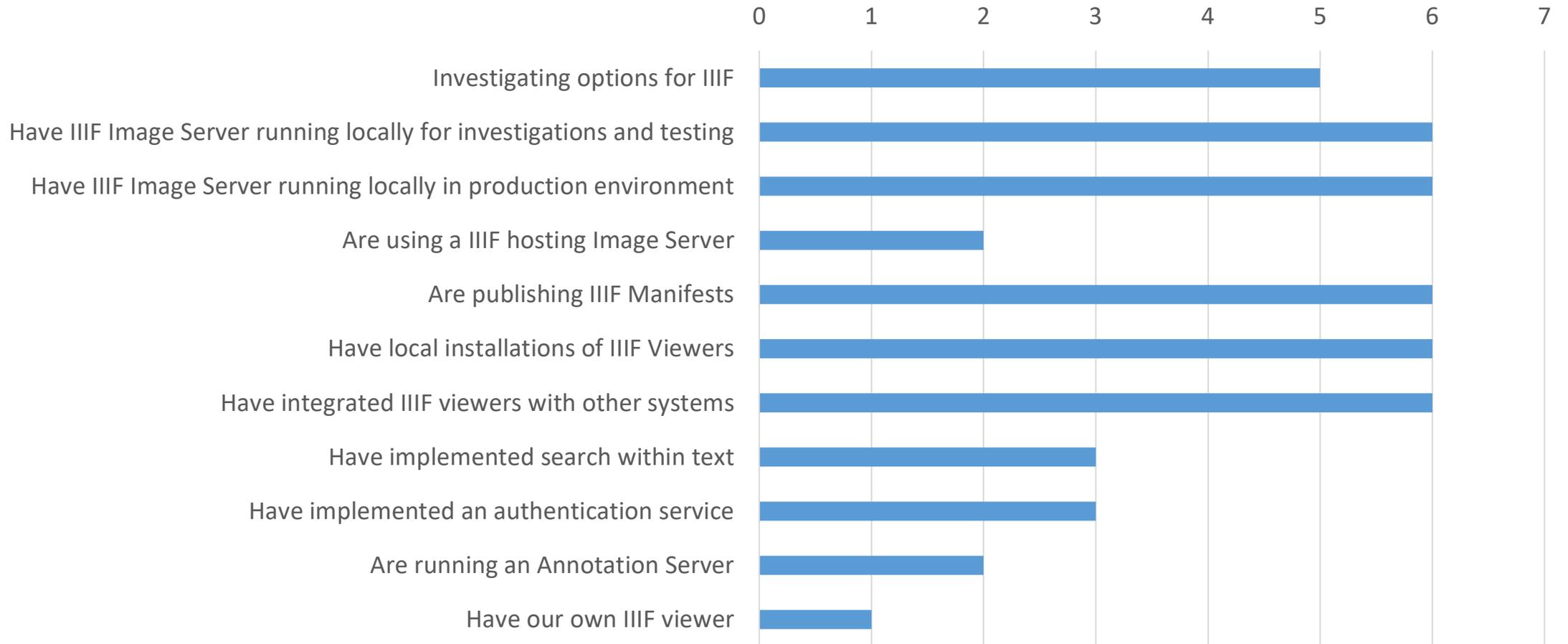
2. IIF Implementation (n = 29)

Are you currently running a IIF solution or in the process of implementing IIF?



Survey

3. Involvement with IIF (n = 8*)



Survey

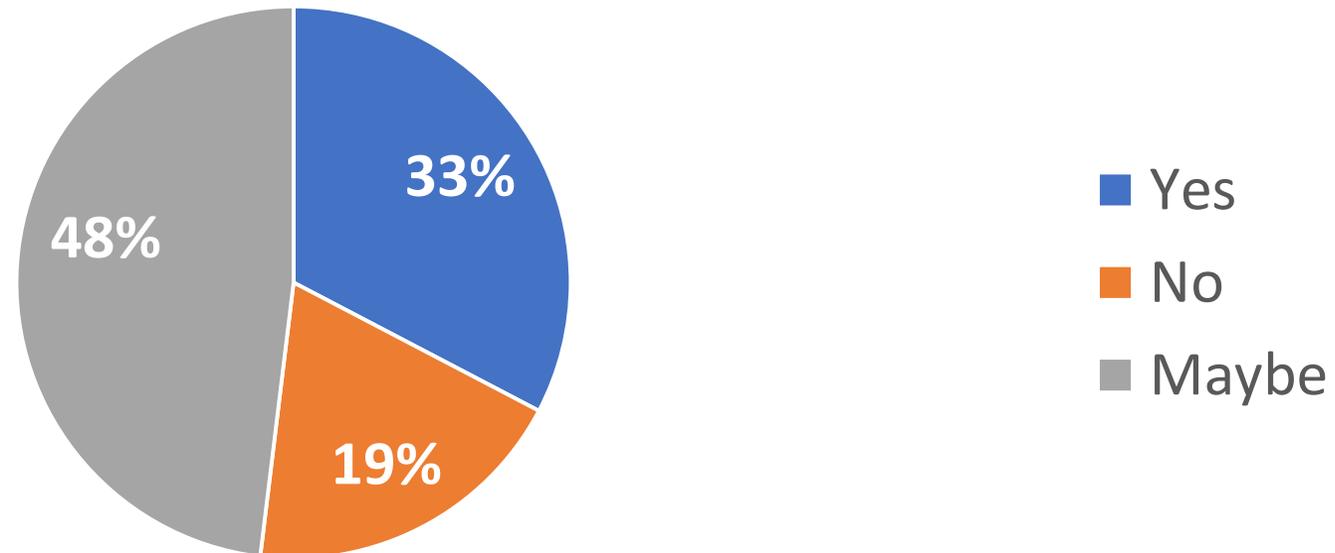
3. Involvement with IIF (n = 8*)

- Manuscripts Community Group (n = 4)
- IIF Discuss Google Group (n = 3)
- IIF Slack (n = 2)
- Newspapers Community Group (n = 1)
- Software Community Group (n = 1)

Survey

4. Workshop (n = 52)

Would you like to attend a IIF workshop in Switzerland?



Survey

Lessons learned

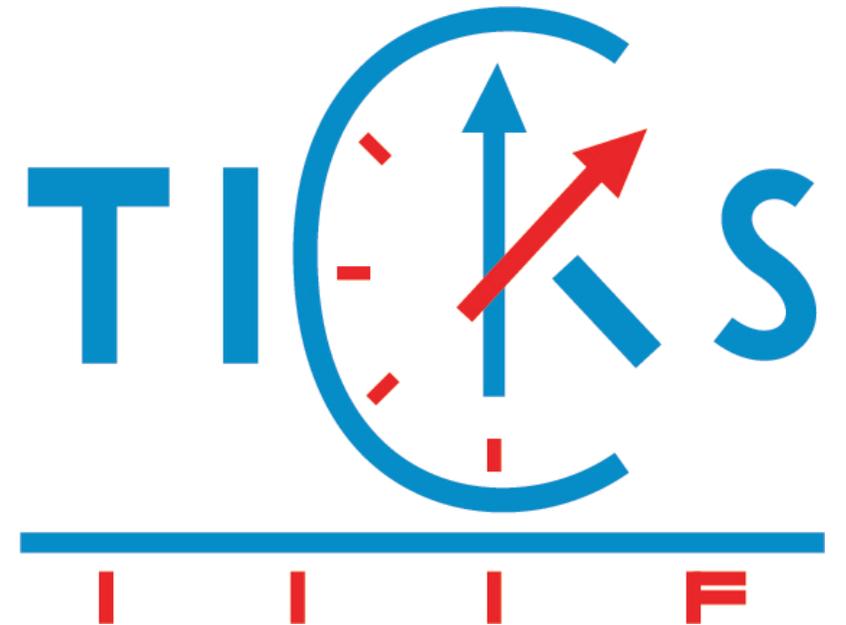
- There is a *Röstigraben*
 - French-speaking and Italian-speaking parts of Switzerland seem to know less about IIF than the German-speaking part.
- Institutions implementing IIF solutions in Switzerland don't really collaborate with the IIF Community.
 - Swiss institutions often don't ask for help
 - But they don't tell the IIF Community if/when their resources are IIF-compliant.
- Some institutions that have their own collections in e-codices have never heard of IIF.

Survey

Feedback

*”IIF scheint mir vor allem für Digital Humanities wichtig zu werden. Daher wäre es gut, **dass IIF Standard in der Schweiz noch mehr bekannt wird.** An der (...) habe ich seit dem letzten Jahr einigen Kollegen wegen IIF gefragt. Ich bekam häufig **desinteressierte Antwort.** Umso mehr habe ich mich gefreut, als ich diese Umfrage von Ihnen bekam. Ich interessiere mich sehr dafür und bin dankbar für **weitere Informationen.**”*

NEXT STEPS



Next steps

1. Conducting formal interviews
2. Writing a white paper
3. Organising a regional event
4. Conducting hands-on workshops
5. Expanding this pilot project

3. PROPOSITIONS TO BUILD A IIF-ALIGNMENT OUTREACH PROGRAMME

IIIF-alignment outreach programme

Key areas

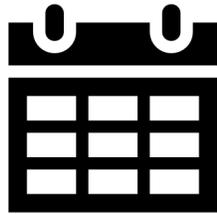
1. Events

2. Documentation

3. Training and support

IIIF-alignment outreach programme

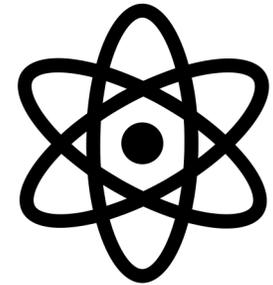
Propositions



- Held regional events with IIIF Focus
- Reporting back to the IIIF Community



- Targeted to technical and non-technical audiences
- Translation of key collateral



- Integrate IIIF into academic curricula
- Hands-on workshops
- Webinars

Credits and Acknowledgements

- TICKS wouldn't be possible without the expertise and guidance of the IIF Community. Shout out to:
 - the Europeana IIF Task Force
 - Jason Ronallo's amazing workshop: <http://ronallo.com/iiif-workshop/>
 - Brumfield Labs' excellent IIF Implementation Guide: http://iiif.io/assets/acc_implementation_guide_011017.pdf
 - the IIF Outreach Community Group
- Many thanks as well to:
 - Professor René Schneider who helped me to set up this project.
 - Pierre-Henri Parisod who designed the TICKS logo – <https://www.instagram.com/phparisod/>
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Haute école de gestion
Genève

Julien A. Raemy

Research and Teaching Assistant at the HES-SO University of Applied Sciences and Arts, HEG-Geneva, Information Science Department

IIIF Outreach Community Group Co-Chair



[@julsraemy](#)

julien.raemy@hesge.ch

<https://julsraemy.github.io/>