Patron Driven Acquisition and Evidence Based Acquisition

How to implement these models to expand the online documentary offer without going through a traditional purchasing process ?
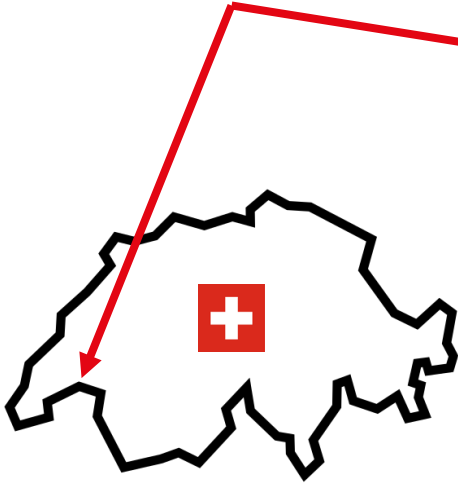
Erasmus Week Liège

30 may 2022

Marion Favre

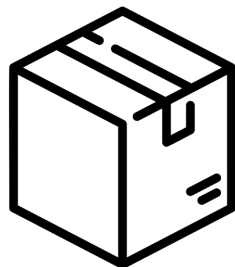Bibliothèque

EPFL Library

Plan

1. EPFL & the Library
2. Acquisition methods for E-books
3. Acknowledgement
4. Patron driven acquisition
5. Evidence based acquisition
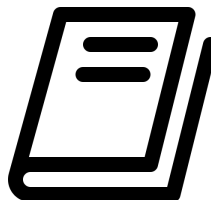6. Beyond the library collection
7. Conclusion

EPFL & the Library
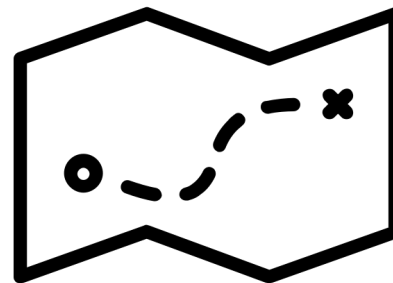
- EPFL Campus

- Rolex Learning Center

Acquisition Methods for E-books

- Pick & Choose
- Pick & Mix
- Frontlists
- Packages
- EBA
- PDA

~ 8K E-books

~ 500K CHF

Each Year

Acknowledgement

Many thanks to **Manon Velasco**, fellow electronic librarian in charge of the Evidence based acquisition for her help for the writing of the proceeding paper and the content of the EBA part in this presentation.

EPFL

Patron driven acquisition
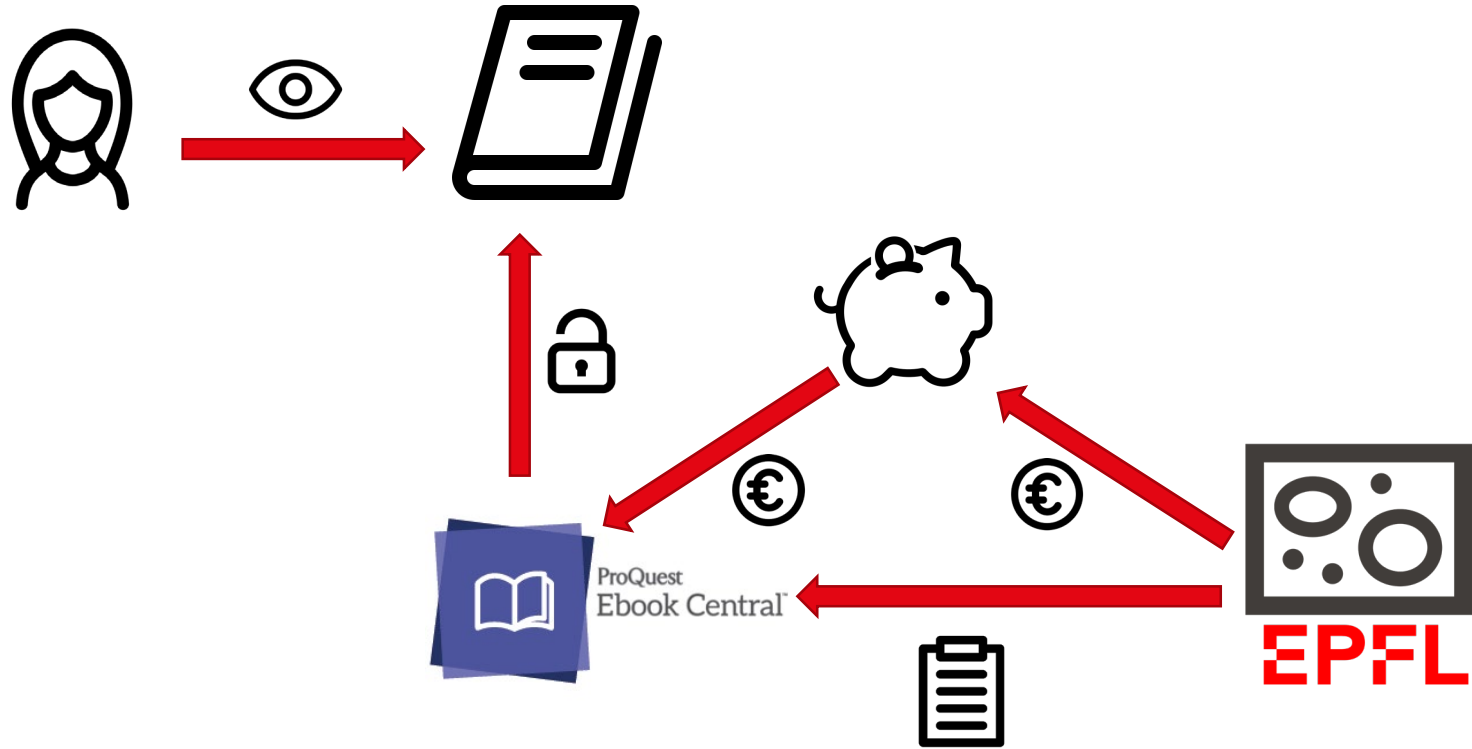
Description

- Patron driven acquisition (PDA) or Demand driven acquisition (DDA)
- The purchase of a title is triggered by the usage (download, reading time) of the title.
- Started in 2019 for a one year test (sep 2019 - sep 2020)
- Budget : **~8K** CHF/ year
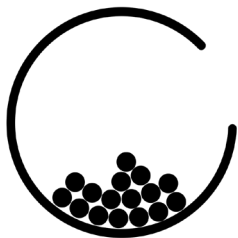- Size : **~30K** titles

PDA Workflow

Advantages and drawbacks

☺

☹

- Immediate access for users
- Minimum 1 usage guaranteed
- Selection by the users
- Time saving once the system is setup
- Automatic addition of titles in the discovery tool

- No control (if mediation disabled)
- Subjects too broad
- Higher prices for less access
- DRM

PDA Profile settings

- Copyright, creation and publication date : after 2018
- Price : 25-175 EUR
- Language : French and English
- 30 subjects in relation with our collection development policy
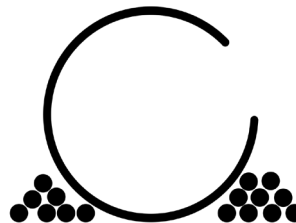
- Direct providers
- Subjects : Fiction and Juvenile literature

First Year Review

- Analysis of the acquisitions during the test
- Change of ILS from Aleph to Alma

<u>Enhancement of the profile</u>

- Moving wall 3 previous years
- Price : max 200 EUR
- Subjects : 9 deleted, 6 added

ExLibris SFX

ExLibris Alma

2020 and 2021 figures: PDA

Purchases

	Titles	Cost	Average cost
2021	96	5'347 EUR	56 EUR
2020	91	5'834 EUR	64 EUR

Loans

	Titles	Cost	Average cost
2021	221	2'384 EUR	11 EUR
2020	174	1'690 EUR	10 EUR

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Statistics 2021 : Single Title Purchases

EPFL Liaison domains	PDA Titles	P&C Titles
Computer sciences	36	13
Social and human sciences	14	27
Engineering science and technology	14	13
Architecture	8	10
Management	7	16
Life sciences and technology	6	13
Environment	4	60
Mathematics	4	36
Urban planning	1	14
Chemistry	1	94
Civil engineering	1	40
Physics	0	22
Miscellaneous	0	72*
Total	96	430

* This number corresponds to the repurchase of titles following the bankruptcy of Dawsonera in 2020.

Statistics 2021 : Usage

Ebook Central Subjects	PDA Usage* (purchase + loan)
Computer Science/IT	234
Engineering	83
General Works/Reference; Science	38
Architecture	36
Mathematics	32

*Usage Report from Ebook Central (not COUNTER)

Usage PDA vs P&C (Proquest Ebook Central)

- PDA : 114 titles used in 2021 out of 220 purchased : **52%**
- P&C : 75 titles used in 2021 out of 247 purchased : **30%**

Insights

- **30K** titles available to users
- Need for monitoring and adjustments
- More usage than other purchase models
- Good complementarity with purchases selected by liaison librarians
- Almost **20%** of single title purchases (no package or frontlist)

96
18%

430
82%

Pick & Choose   PDA

Evidence based acquisition

Description
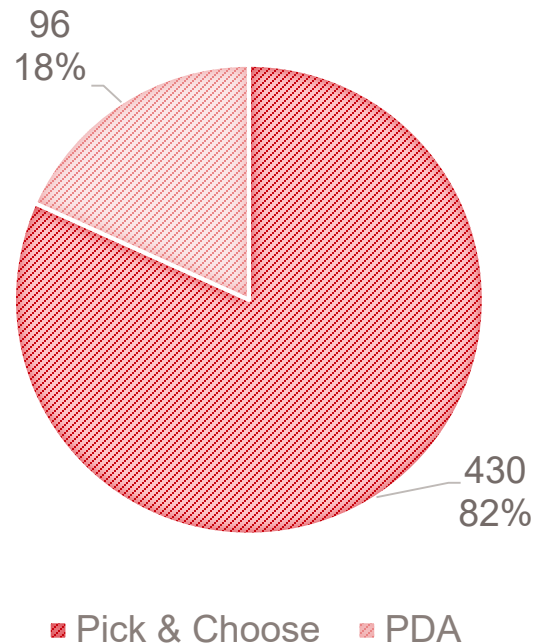
- Evidence based acquisition (EBA) or Evidence based selection (EBS)
- Titles are selected at the end of the year by the electronic librarian, with consultation of liaison librarians.
- Started in 2021 with two publishers (Wageningen & Wiley)
- Test with Wiley due to the price increase of the Chemistry Frontlist
- Budget : **25K** EUR for 2021
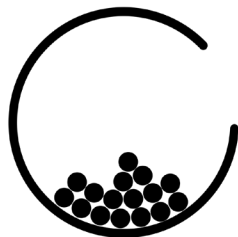
EBA Workflow

End of the year
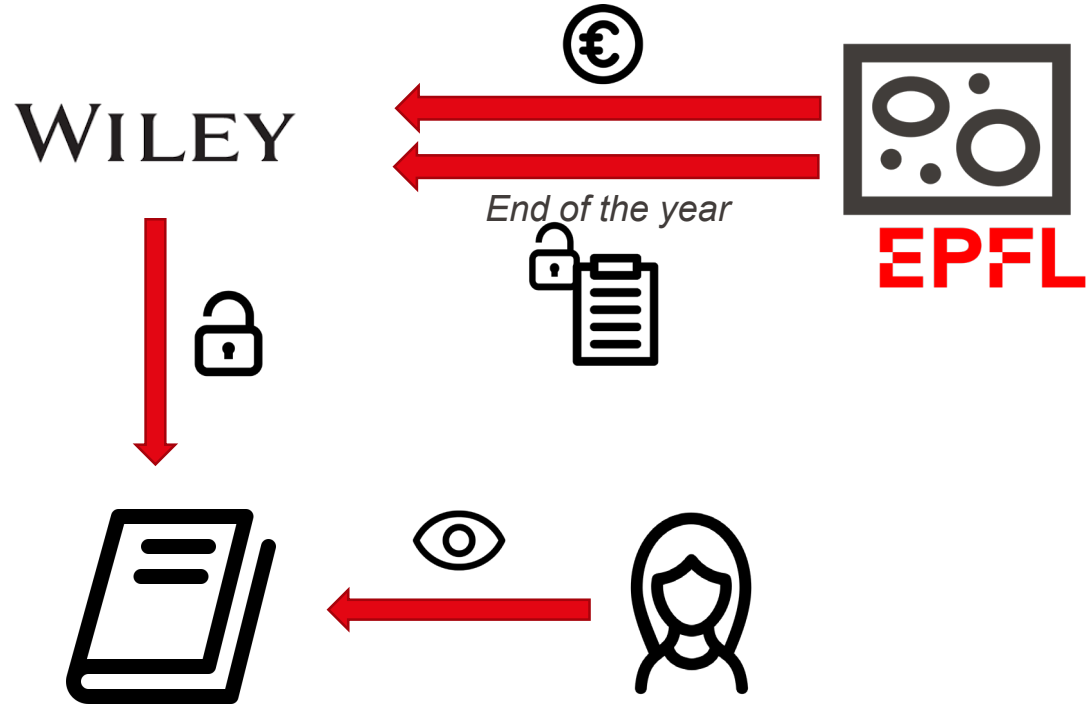
Advantages and drawbacks

☺

- Lots of titles available
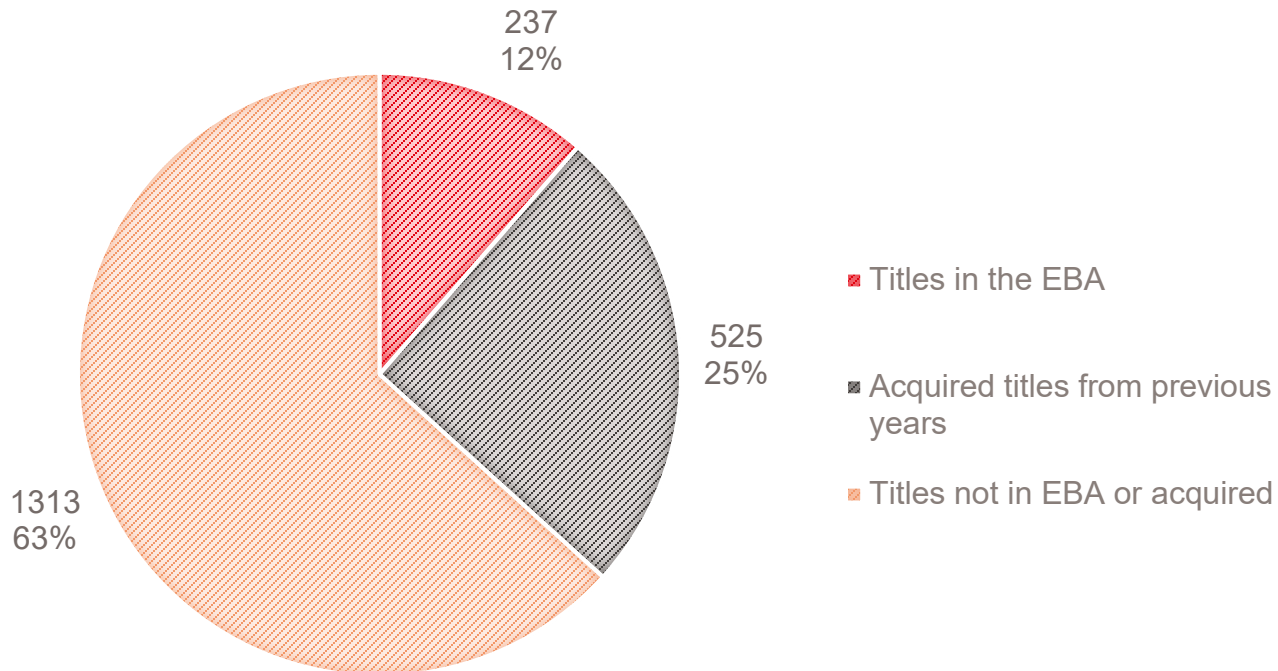- Acquisition based on usage
- Time saving for liaison librarians

☹

- Price of the titles
- No custom amount and/or collections (some Vendors may offer more flexible options)
- Time consuming for e-librarians

Test conditions

- Copyright Years: 2019 – 2021
- Subject: All

= Number of e-books accessible in 2021: **~2200**

Statistics 2021 : Wiley E-books Usage

- 237 12%
- 525 25%
- 1313 63%

Legend:
- Titles in the EBA
- Acquired titles from previous years
- Titles not in EBA or acquired

- EBA : 237 titles used in 2021 out of ~2200 : **10.4%**

EPFL

Statistics 2021 : Top 5 Usage of EBA titles

Subject	Titles	% of used titles	Usage (UTR)	% of usage
Physical Sciences & Engineering	113	47.7%	241	54.16%
Chemistry	43	18.1%	91	20.45%
Mathematics & Statistics	16	6.8%	22	4.94%
Computer Science & Information Technology	16	6.8%	24	5.39%
Earth, Space & Environmental Sciences	10	4.2%	15	3.37%

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Statistics 2021 : Usage Wiley per YOP

Year of publication (YOP)	Titles	% of titles
2017-2021	506	24.4%
2012-2016	556	26.8%
2007-2011	446	21.5%
2002-2006	329	15.9%
Older	238	11.5%

Final selection

Titles selected by :

- Selection from the Chemistry librarian
- Used at least 1 time and reported during the year by liaison librarians
- High usage during the year
- Publication Year
- High denied access (titles not included in the EBA program)

- **121** titles selected (73 part of the EBA program)
- EBA Wiley renewed in 2022 with 10 years of CY + new EBA with IOP

Insights

- **+2K** titles available to users
- Chemistry is not the most used subject
- The most used titles are not always the most recent
- **63%** of the accessed titles were neither in the EBA pool nor in acquired collections
- Usage based selection needs a lot of analysis, not only of used EBA titles
- Time consuming for the e-librarian
- For the future:
  - use EBA as a one-time way to meet the needs of our users not covered by the selections of liaison libarians
 - favour the most flexible EBAs

Beyond the library collection

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For our Users and the Library

- **+ 32K** titles available in 2021
- Almost **50K** titles in 2022
- No need to buy the titles used during the EBA
- Short Term Loans available for the PDA
- Some publishers are only available via Ebook Central
- Invisible for our users

Conclusion and discussion
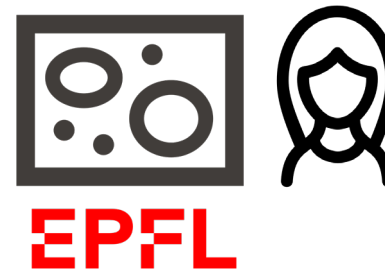
- Good complement to traditional acquisition models

- Evolution of our acquisition methods ?

- Evolution of librarian roles ?
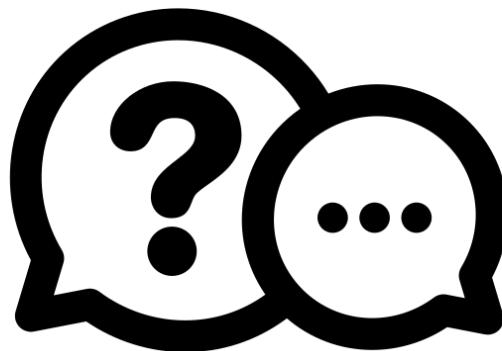
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Credits

- Slide 2 : Map by Haseba Studio from NounProject.com

- Slide 3 :
  - CC Alain Herzog
  - Switzerland by Alen Krummenacher from NounProject.com

- Slide 4 :
  - Money by Gregor Cresnar from NounProject.com
  - Book by Icon Solid from NounProject.com
  - Package by Iki from NounProject.com

- Slide 5 : Thanks by Tinashe Mugayi from NounProject.com

- Slide 6, 16 & 26 : Books Stacked On Library Shelves by Scopio from NounProject.com

- Slide 8, 18 & 27 :
  - Woman by mikicon from NounProject.com
  - Book by Icon Solid from NounProject.com
  - Eye by Saepul Nahwan from NounProject.com
  - Euro by ProSymbols from NounProject.com
  - Unlock by Martin Sturk from NounProject.com
  - List by quienicon from NounProject.com
  - Piggy Bank by icongeek from NounProject.com

- Slide 9 & 19 :
  - Good by Adrien Coquet from NounProject.com
  - Bad by Kmg Design from NounProject.com

- Slide 28 : Question by Rémy Médard from NounProject.com

- Slide 29 : Rows Of Vintage Red Rotary Phones by Marija Vukovic from NounProject.com