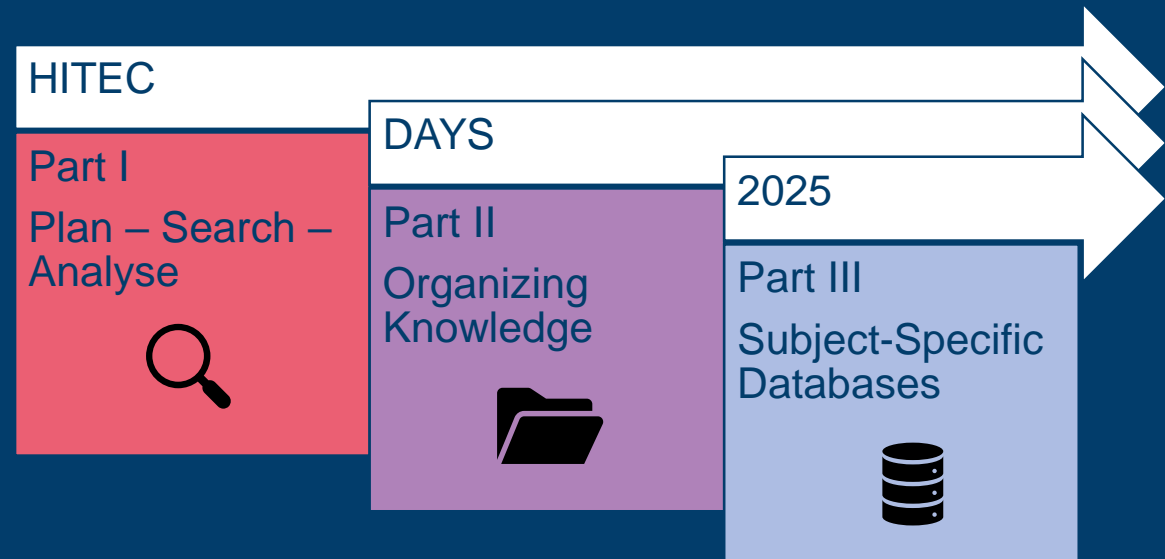


# HOW TO ORGANIZE YOUR LITERATURE PROJECT

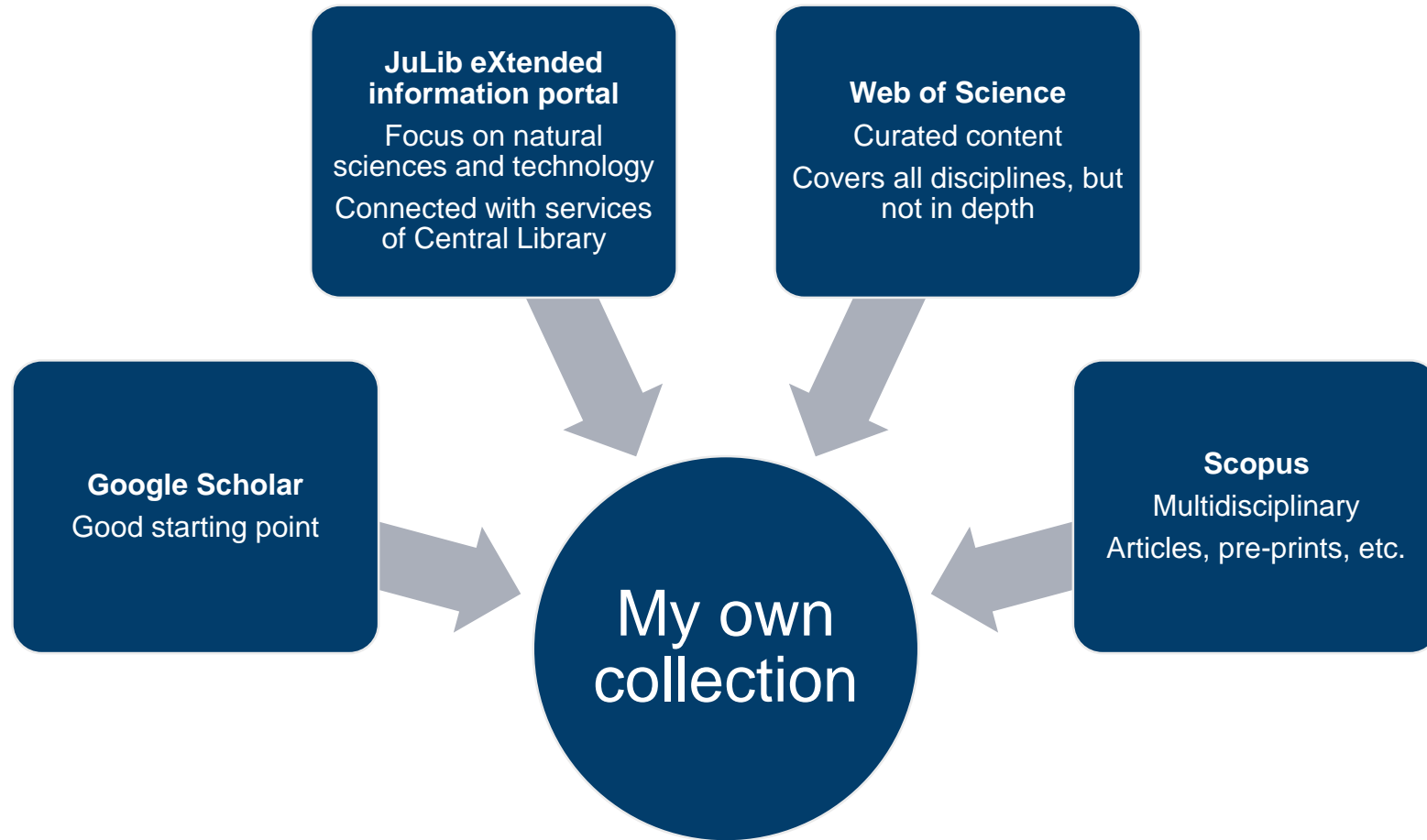
## CARRY OUT A SYSTEMATIC LITERATURE SEARCH AND ORGANIZE REFERENCES

### Part II



14 MAY 2025 | MONIKA HOTZE (ZB), INES SCHMAHL (ZB)

# HOW TO MANAGE LITERATURE



# HOW TO MANAGE LITERATURE

## Outline

**Organize your literature**

**Keep track of notes and annotations**

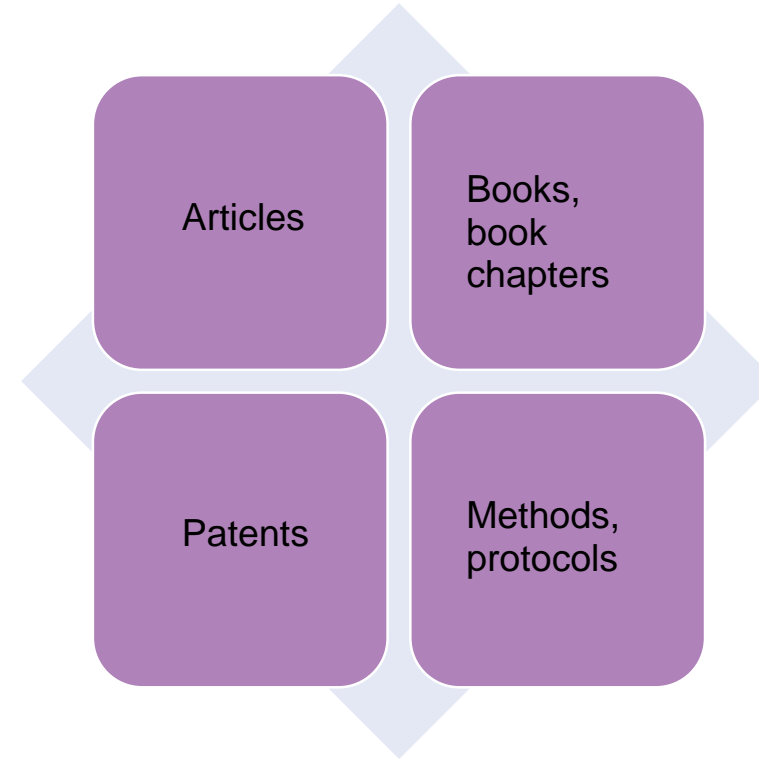
**Automate your citation process**

# HOW TO MANAGE LITERATURE

## Organize literature

### Reference Management Software

- Set up a database
- Import references to literature database
- Save articles (PDF)
- Add keywords
- Add categories/groups

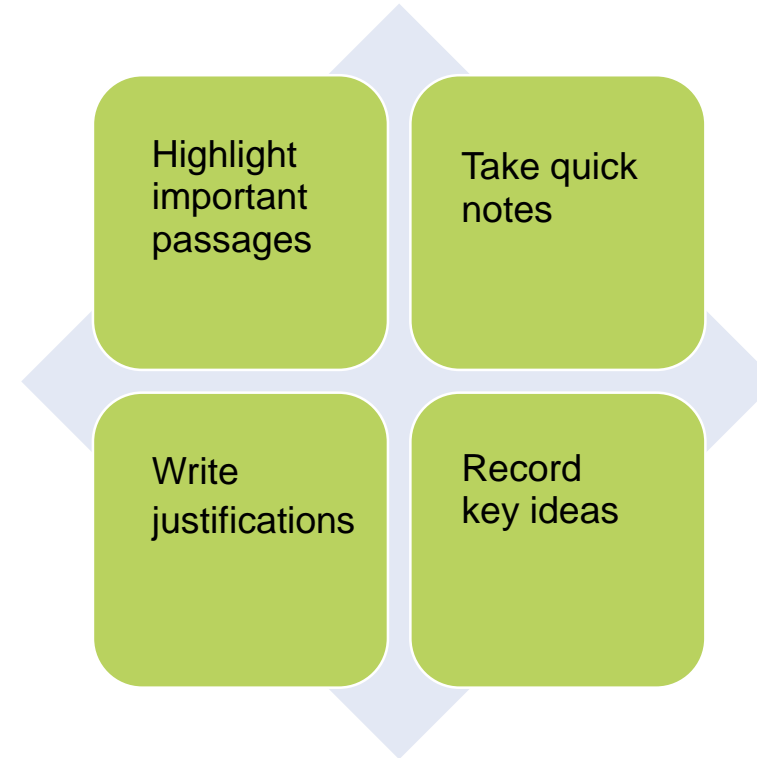


# HOW TO MANAGE LITERATURE

## Reading and documentation

### Reference management software

- Save the knowledge you have gained from reading:
  - Highlighting
  - Notes
  - Documentation
- Assign it to the literature references

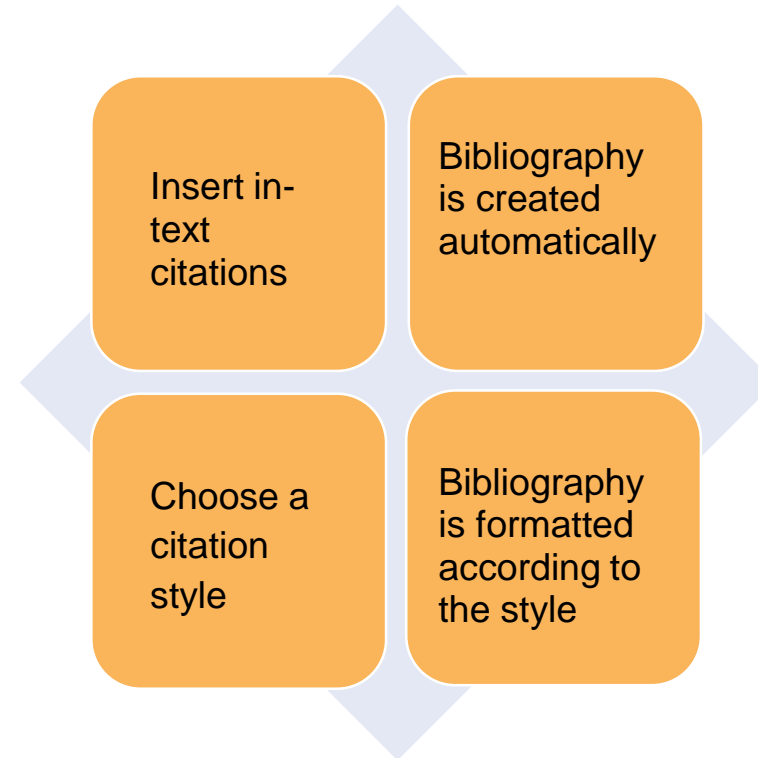


# HOW TO MANAGE LITERATURE

## Citations and bibliographies

### Automate your citation process

- Citations: insert references from your database
- By inserting in-text citations, the bibliography is generated automatically
- Edit your bibliography according to a citation style



# WRITING SCIENTIFIC TEXT

## Insert in-text citations

### Abstract

This data article contains the location, energy consumption, renewable energy potential, techno-economics, and profitability of hybrid renewable energy systems (HRES) in 634 Philippine off-grid islands. The HRES under consideration consists of solar photovoltaics, wind turbines, lithium-ion batteries, and diesel generators. The islands were identified from Google Maps™, Bing Maps™, and the study of Meschede and Ocon et al. (2019) [1]. The peak loads of these islands were acquired from National Power Corporation – Small Power Utilities Group (NPC-SPUG), if available, or estimated from the island population otherwise. Hourly-resolution load profiles were synthesized using the normalized profiles reported by Bertheau and Blechinger (2018) [2]. Existing diesel generators in the islands were compiled from reports by NPC-SPUG, while monthly average global horizontal irradiance and wind speeds were taken from the Phil-LIDAR 2 database...

Source: <https://jilib.fz-juelich.de/vufind/EdsRecord/edsdoj.edsdoj.77b59a49ce94b1fdd55a71d8026661>

# WRITING SCIENTIFIC TEXT

## Create bibliography

### References

- [1] H. Meschede, E.A. Esparcia, P. Holzapfel, P. Bertheau, R.C. Ang, A.C. Blanco, J.D. Ocon  
On the transferability of smart energy systems on off-grid islands using cluster analysis – a case study for the Philippine archipelago  
Appl. Energy., 251 (2019), Article 113290,
- [2] P. Bertheau, P. Blechinger  
Resilient solar energy island supply to support SDG7 on the Philippines: techno-economic optimized electrification strategy for small islands  
Util. Policy., 54 (2018), pp. 55-77,

Source: <https://jilib.fz-juelich.de/vufind/EdsRecord/edsdoj,edsdoj.77b59a49ce94b1fbd55a71d8026661>



# AUTOMATE YOUR CITATION PROCESS

## Workflow

### Literature search

Choose information source:  
databases, journals, search  
engines

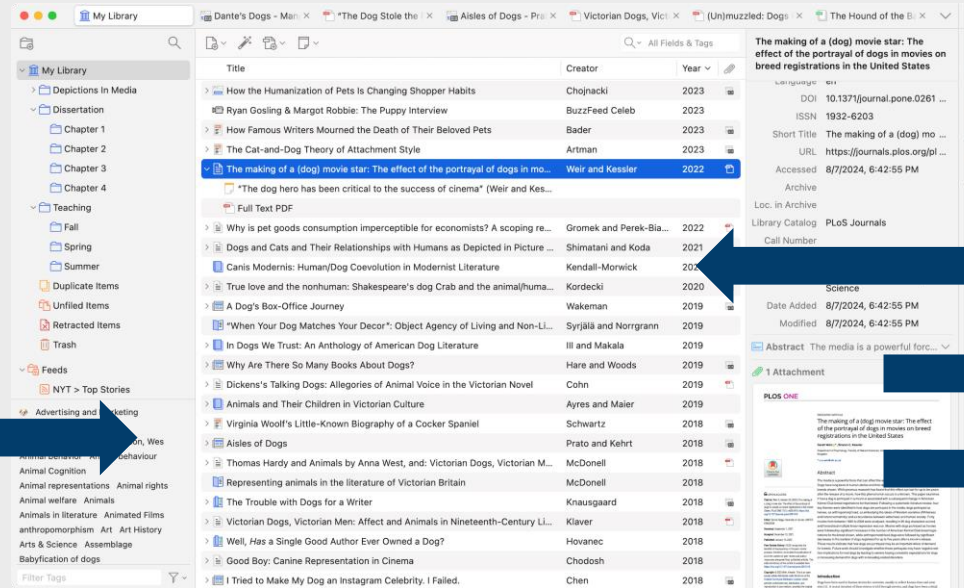


Literature search



Export relevant  
results

### Personal database



### Writing & citing

Citing:



In-text citation

Bibliography/reference list

# REFERENCE MANAGEMENT SOFTWARE

## EndNote

Campus licence FZJ

Word/Open Office

Desktop version

Web account available

## Citavi

Campus licence FZJ

Save the databases locally on your computer or in the cloud

Writing with Word add-ins or LaTeX editors

## Zotero

Open source

Desktop versions for Windows, MAC, and Linux

Plugins for MS Word, LibreOffice, LaTeX, and many more

Web account for collaborative working

## JabRef

Open source

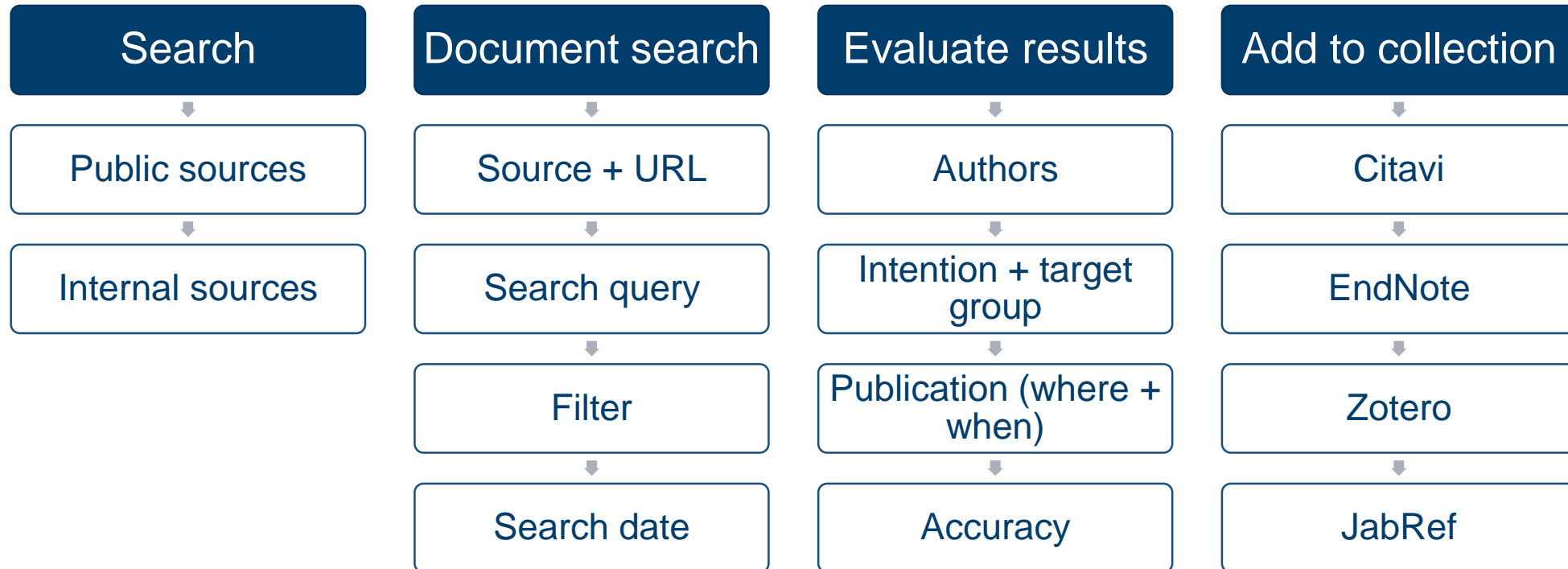
Desktop versions for Windows, MAC, and Linux

Primarily for LaTeX

OpenOffice/LibreOffice integration available

# SUMMARY

## Workflow from searching to building up my own collection



**LIVE DEMO**

# Zotero

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## Central Library of Forschungszentrums Jülich

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Telefon: +49 2461 61-6110

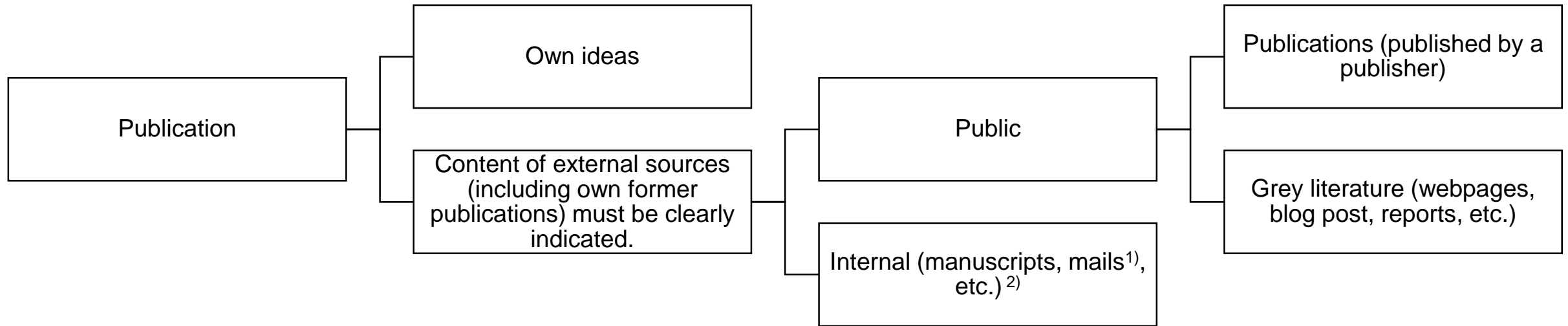
# APPENDIX

## Evaluate Literature - Best Practices

<b>Authors</b>	Who are the authors? Where do they work? What are their qualifications?
<b>Intention and target group</b>	What was the intention of the source? Who is the target group?
<b>Publication</b>	Where was it published?
<b>Date of publication</b>	When was it published? Has it been updated?
<b>Accuracy</b>	Where did the information come from? Did the authors cite their sources? What methods and standards were used?

# APPENDIX

## What should be cited in a publication?

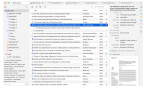



Cite primary literature where possible.

1) Privacy – Cite only with agreement.

2) [Zotero Item Types and Fields](#)

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	<a href="#">CC0</a>	<a href="https://commons.wikimedia.org/wiki/File:Libreoffice_writer_5_3_deutsch_MUFFIN_interface.png">https://commons.wikimedia.org/wiki/File:Libreoffice_writer_5_3_deutsch_MUFFIN_interface.png</a>	Maltimore

Pictograms are from MS Office 2019.