

How to find and select inclusive and secure **digital tools** for non-digital natives: Videoconferencing tools, PM tools, Collaboration Tools.



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What digital tools are you using in your municipality?

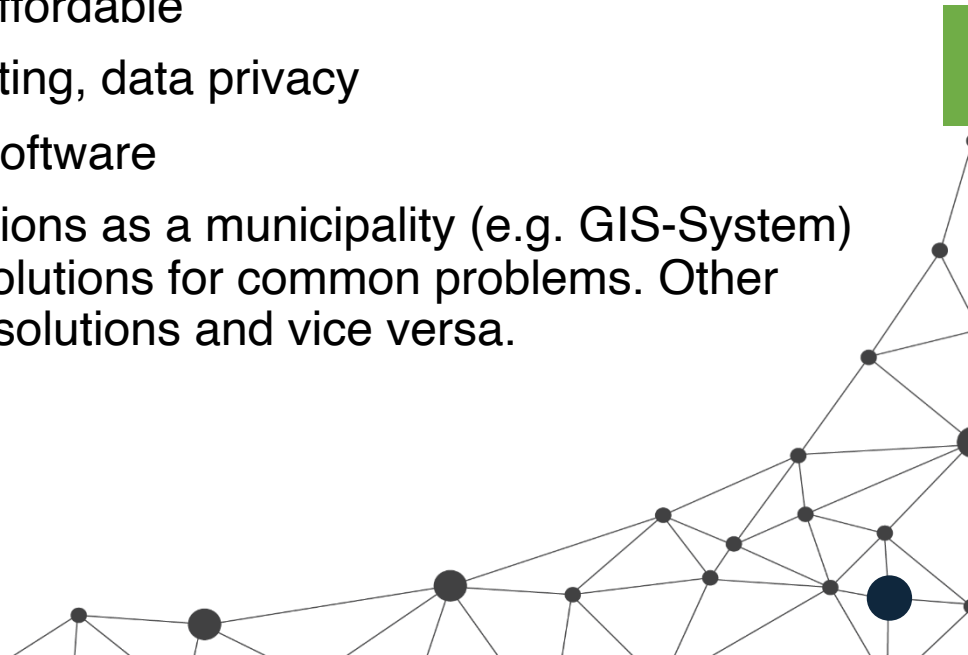


**In the following, we will focus on open
source tools**



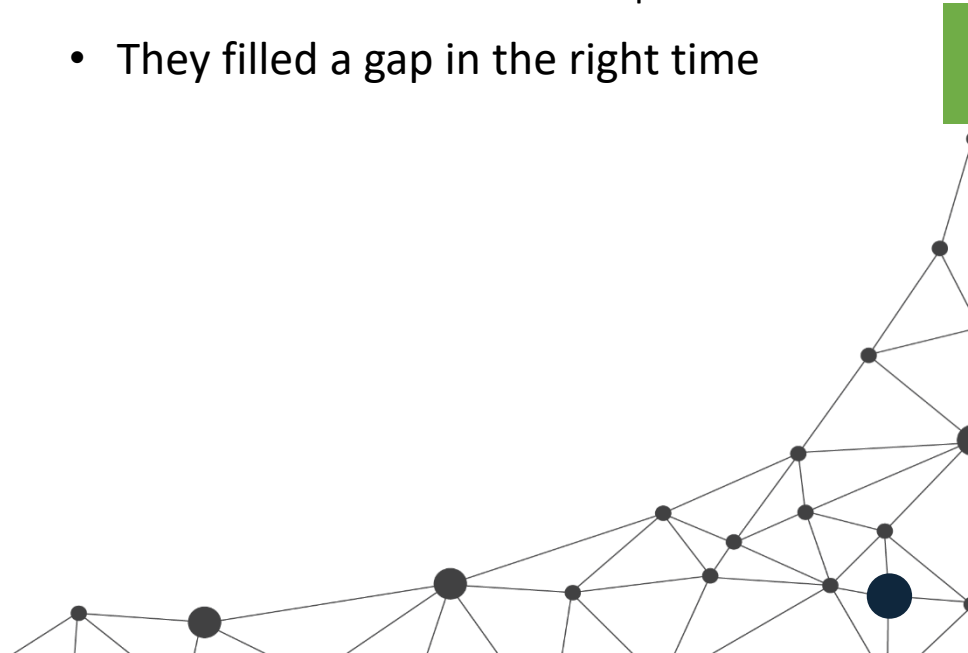
Why Open Source?

- Open-source Software can be owned by the Project, Company or Organization
- No Lock-In in Open-source Projects
- Flexibility in Further Developing a Platform allows for Creative Solutions
- Empowering Organizations and Partners
- Open Source is sometimes more affordable
- Independence in terms of data hosting, data privacy
- Economic impact of open source Software
- Investing in your open source solutions as a municipality (e.g. GIS-System) means collaborating on common solutions for common problems. Other municipalities can start using your solutions and vice versa.



Quality of Open Source Solution directly depends on the number of users

- Open Source CMS Systems are very advanced and often are much better than closed-source competition (e.g. wordpress, drupal, type3 etc.), also in terms of usability and flexibility
- Those systems are the most widely used CMS solutions worldwide by far:
 - <https://trends.builtwith.com/cms>
 - 39% of websites use wordpress
- They filled a gap in the right time



Quality of Open Source Solution directly depends on the number of users

- There is no better word processor for general use than Microsoft Word
- Companies really stick with Word, Excel etc.
- Open Source Development is stagnating – there are alternative solutions, but Microsoft Office is the best for most users.



Conclusion

- If you invest in digital solutions and platforms for Municipalities, consider open source
- This will allow you to **own your solutions** and to **collaborate with other cities and municipalities** in the development of better solutions for all.
- You become **more independent from vendors**



Approach for developing a digital solution

Example learning management systems for developing a digital solution

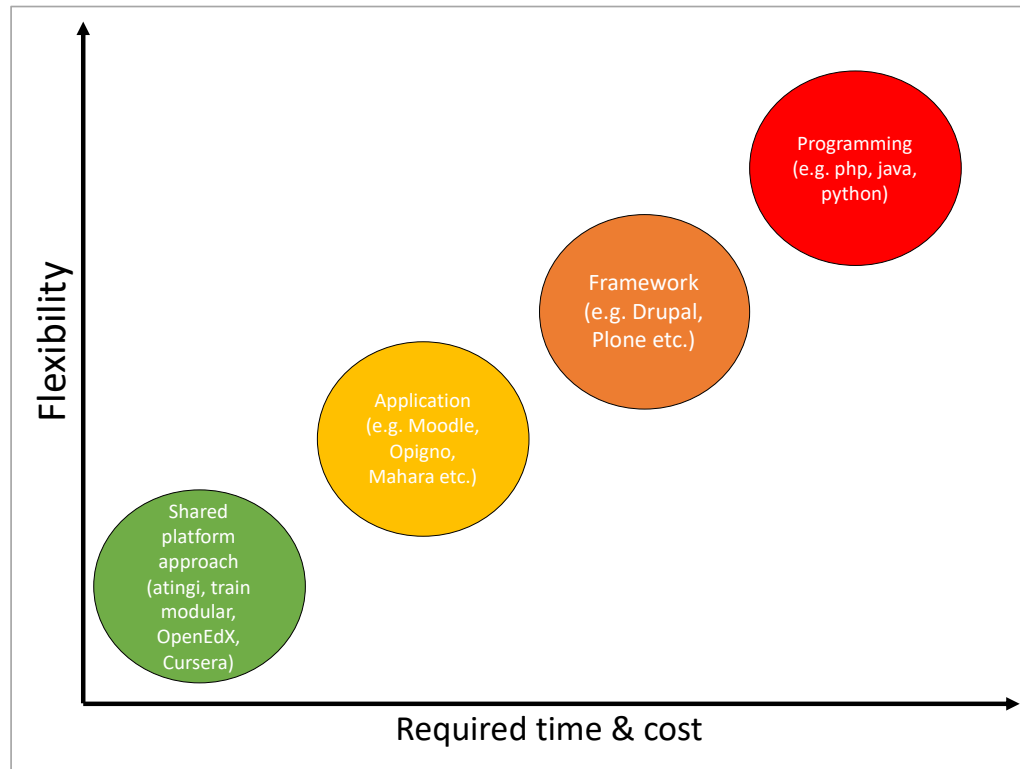
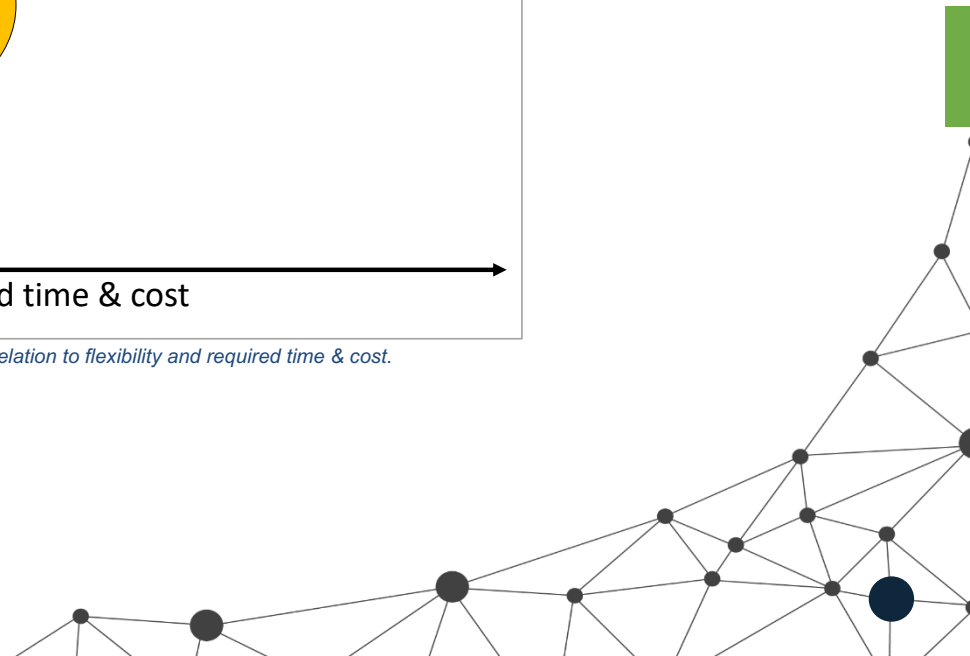


Figure 1: Implementation of platforms in relation to flexibility and required time & cost.



Hands On: Examples for digital tools

- Video-Conferencing, BigBlueButton (<https://bigbluebutton.org>)
- Collaborative Editing, Etherpad (<https://etherpad.org>)
- File-Management, Next-Cloud (<https://nextcloud.com>)
- Project Mangement, Open Project (<https://www.openproject.org>)
- Platform Development, Drupal (e.g. Open Social)
(<https://www.drupal.org>, <https://www.drupal.com/showcases>)
- Simple Websites: Wordpress (<https://wordpress.com>)



Next steps

- What digital solutions do you want to try out?
- What type digital solutions do you need to implement?

