

Manage your Green city in PlutoF

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Allan Zirk
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Agenda

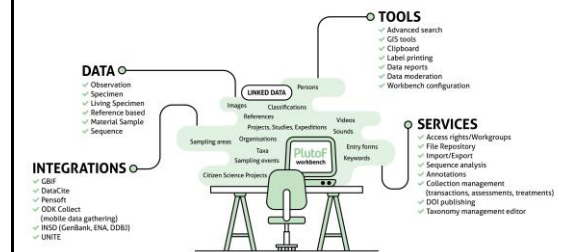
- What is PlutoF
- PlutoF users
- Biodiversity data
- Green city projects
- Benefits

PlutoF

What is PlutoF

- Database system/Repository for biological data
- Platform
- Web workbench

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PlutoF users


- 75 countries, ~30% outside of Estonia
- ~2500 registered users
- Officials, biodiversity projects, scientist, hobbyist, curators, students, citizen scientist ...
- How are they using PlutoF? (30+ modules)

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Biodiversity data

- Taxon Occurrence
 - Observation 
 - Specimen 
 - Living Specimen 
 - Reference based 
 - Material Sample 
 - Sequence 

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Linked data

- Taxa 🐞
- Classification 🏠
- Project 🌐
- Sampling event 🕒
- Sampling area 📍
- Entry form 📄
- Persons, Organisations 👤 🏛️


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Green city projects

- Collecting
- Monitoring
- Citizen science
- Educational
- Area & taxon specific projects

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Project setup

- Create project/set type
- Create form
- Set taxon restriction
- Set area
- Configure public page
- Moderation system/Group rights


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Benefits

- Public page
- Data stays alive
- No additional development/expert expense
- Tools/system for data quality
- Data available through API-s
- Data can be published
- Controlled access


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Numbers

- Tartu: ~22 000 taxon occurrences
- Tallinn: ~48 000 taxon occurrences
- Pärnu: ~8300 taxon occurrences


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Focus on unique parts

- Not on infrastructure
- Not on data model
- Not on helper tools

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Thank you

- PlutoF (@pluof_platform | <https://pluof.ut.ee>)
- Allan Zirk (@AllanZirk | allan.zirk@ut.ee)

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