

Project presentation

openXeco

Open Exchange for ecosystems
<https://openxeco.org/>

TLP:WHITE
24-05-2022



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Platform

Platform: source code and components

✓ Open source with a public repository

- <https://github.com/CybersecurityLuxembourg/openxeco-core>



✓ Components

- oxe-api: API as a middleware between the database and the web app
- oxe-web-admin: Web app for administrators
- oxe-web-community: Web app for the community

Platform: manageable objects

Articles



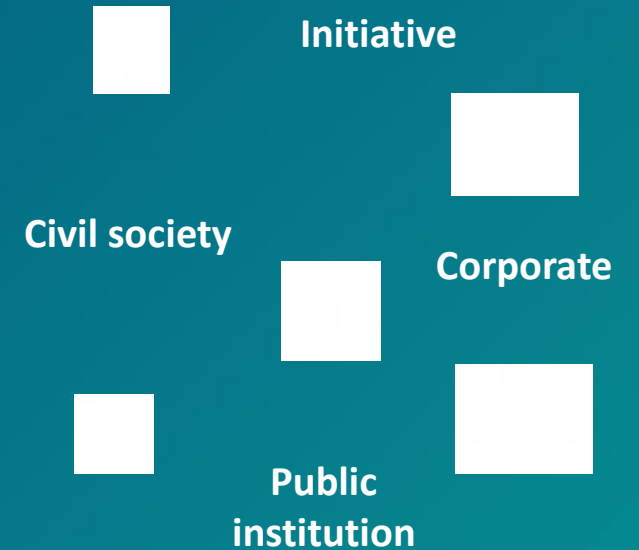
Taxonomies



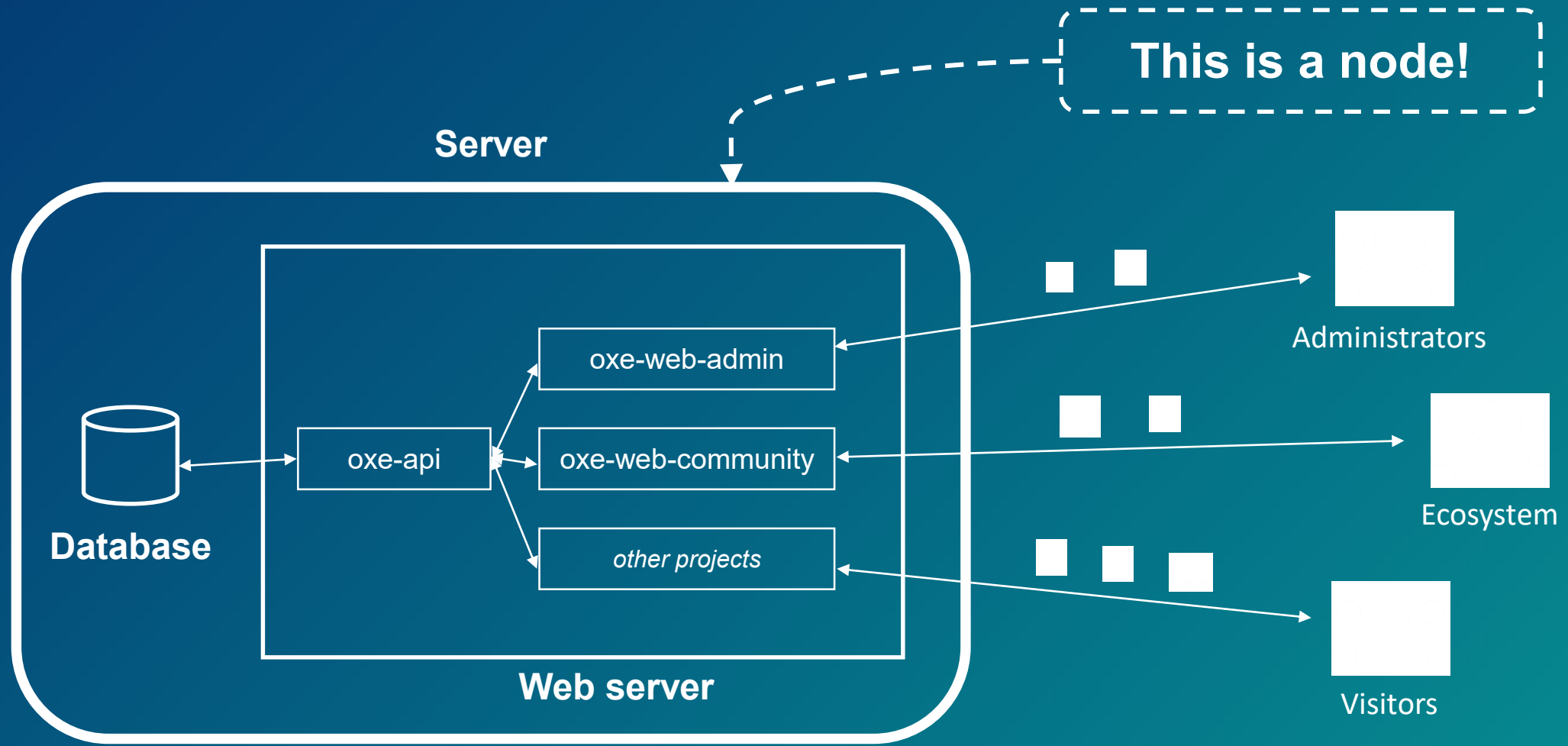
Users



Entities

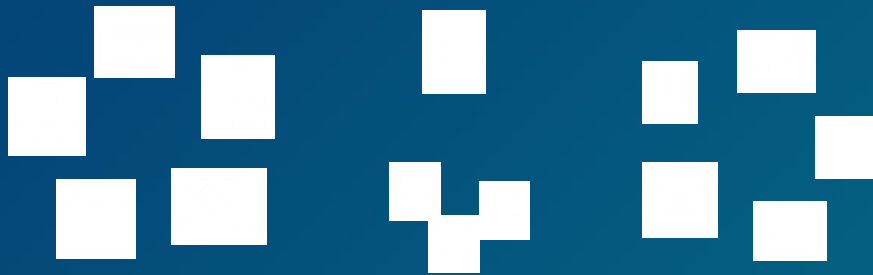


Platform: node representation



Platform: oxe-web-admin

✓ Manage all objects

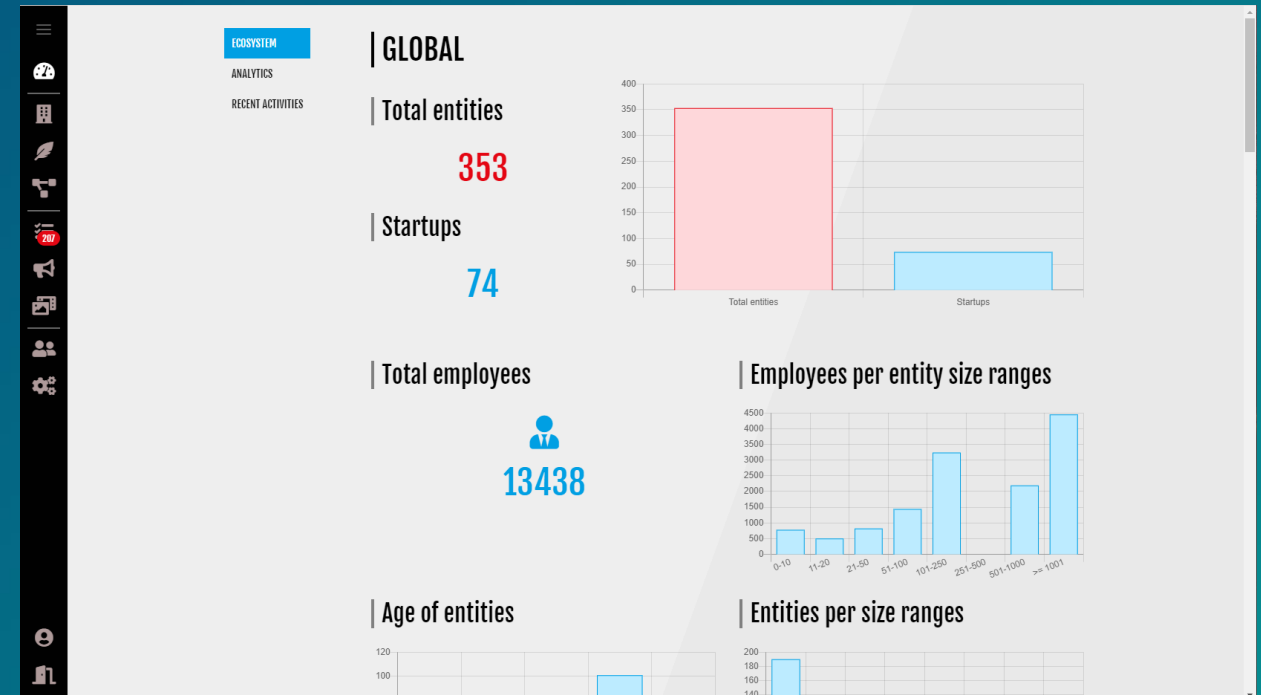


✓ Create reports

✓ Manage requests

✓ Manage settings

Only for administrators

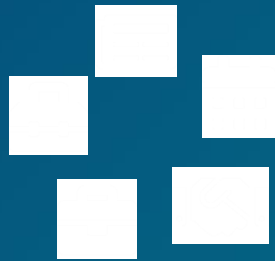


Platform: oxe-web-community

- ✓ Manage personal data
- ✓ Manage my entities

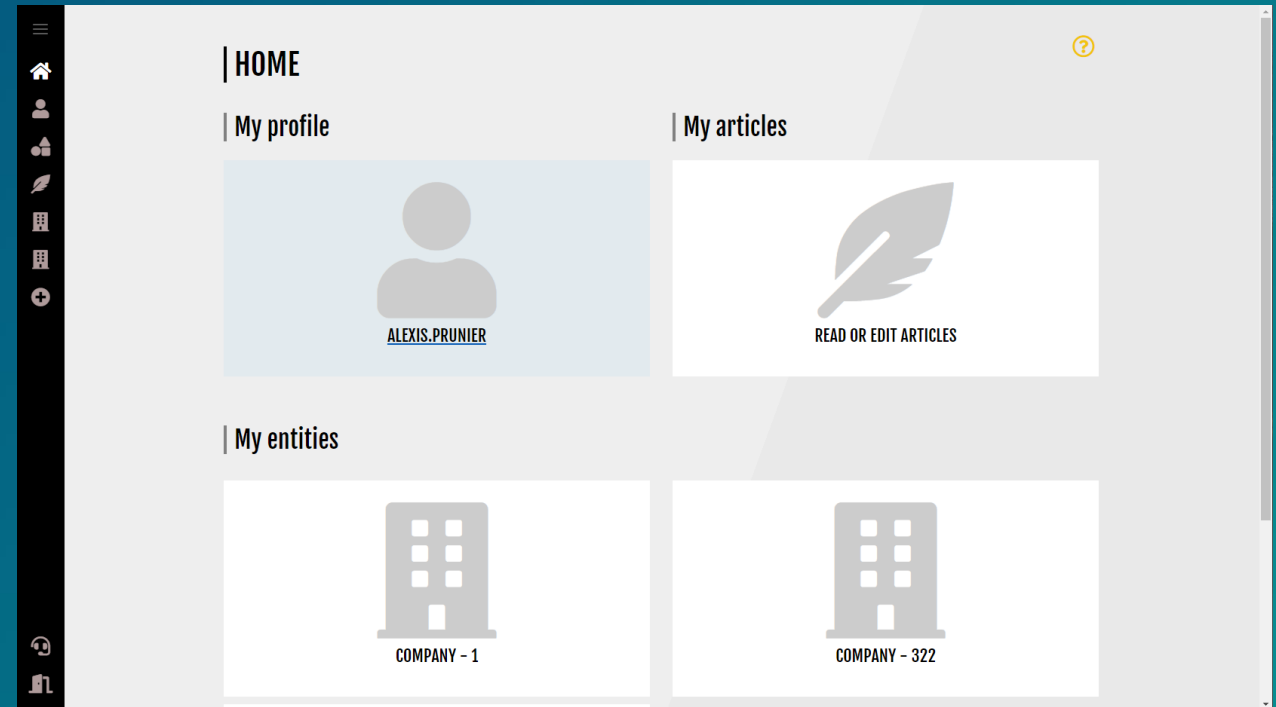


- ✓ Edit and publish articles

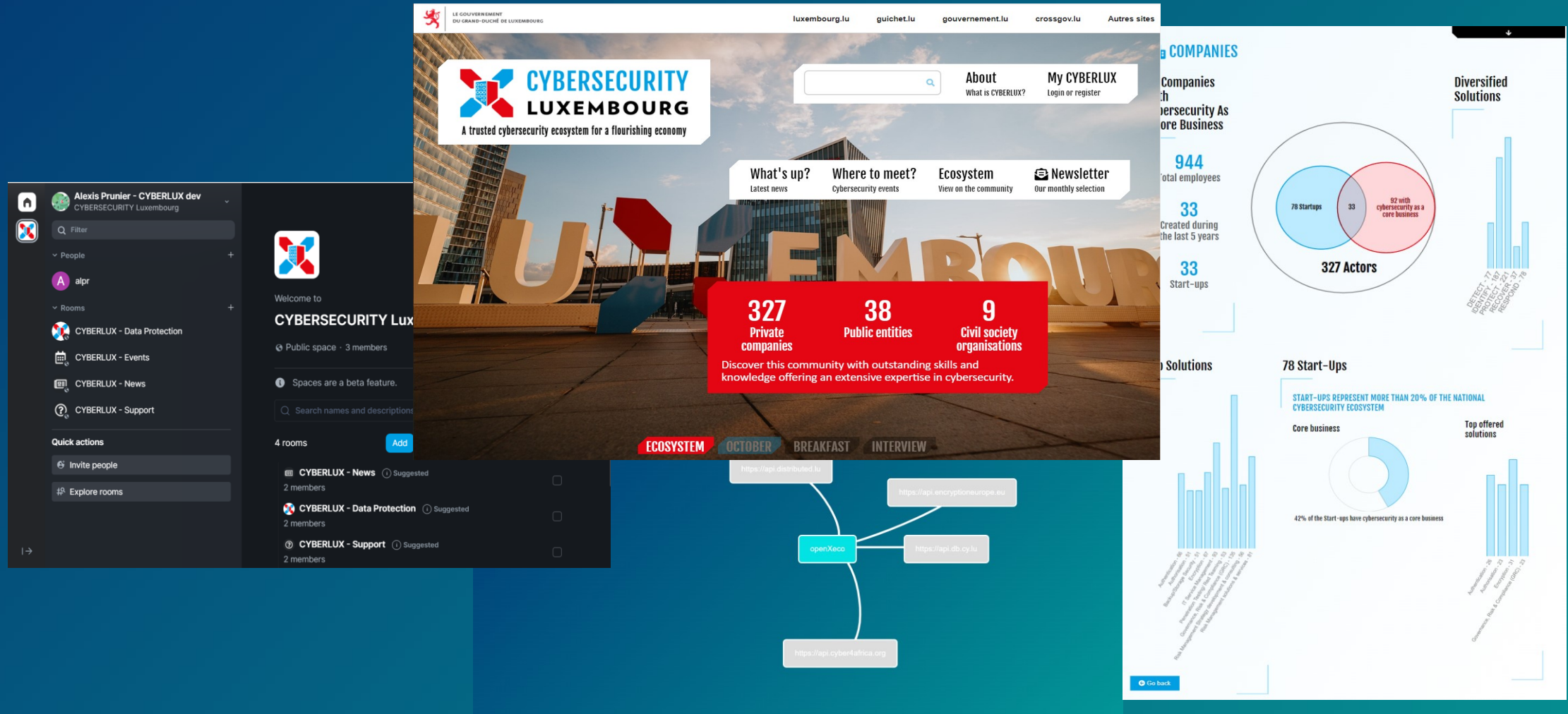


- ✓ Reply to surveys

Open to ecosystem

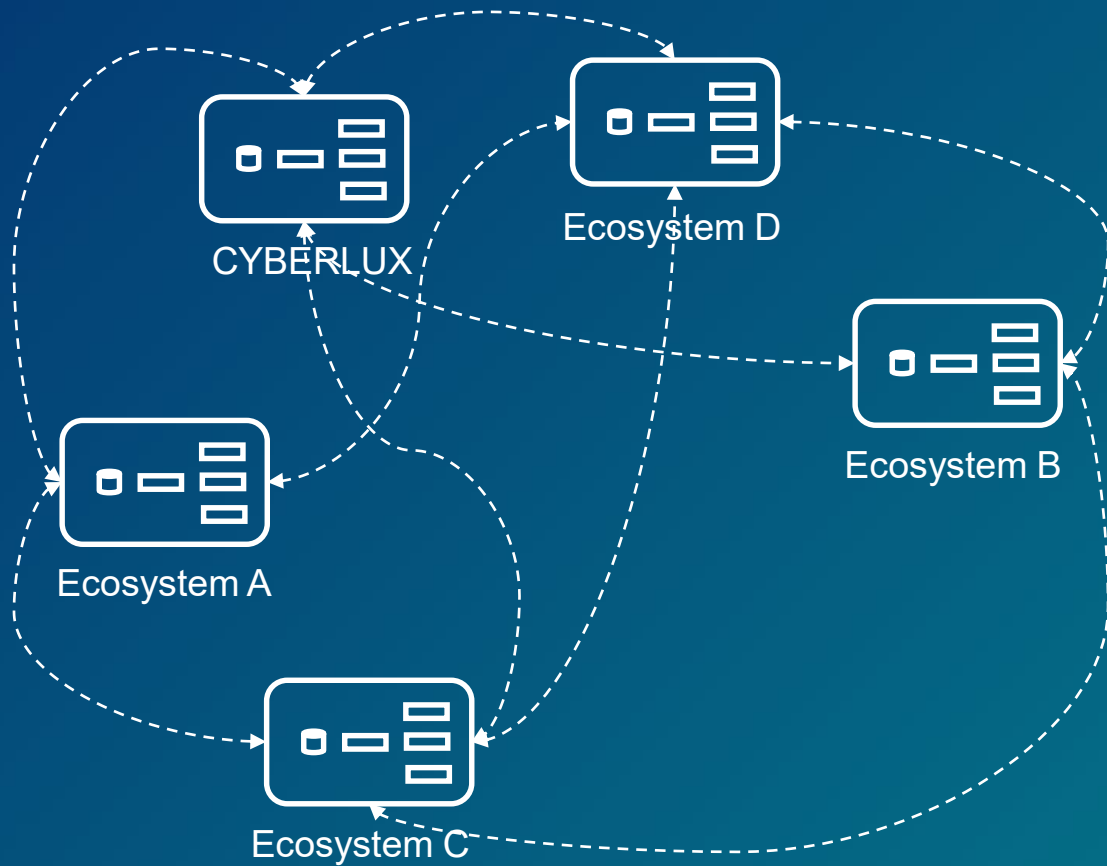


Platform: other projects



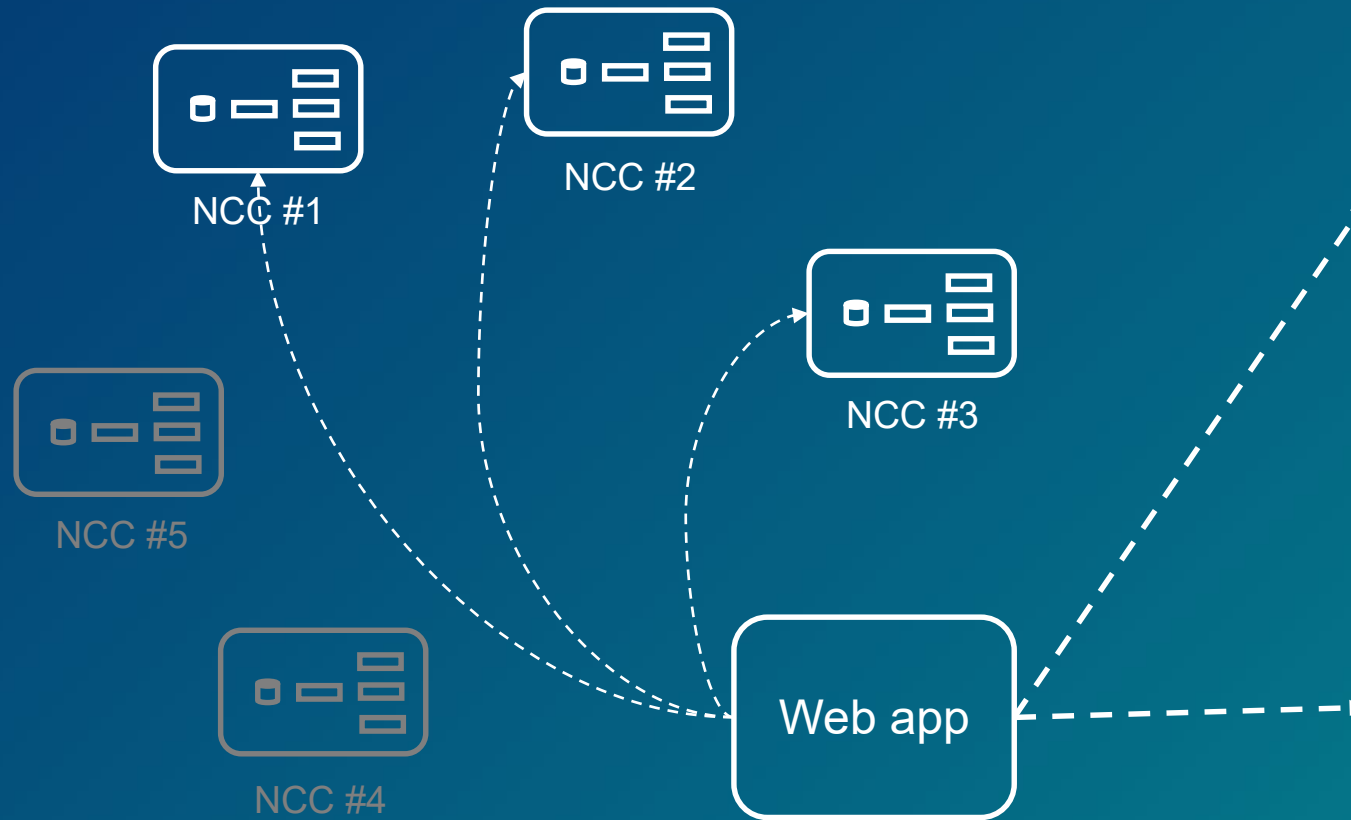
Connecting the NCCs

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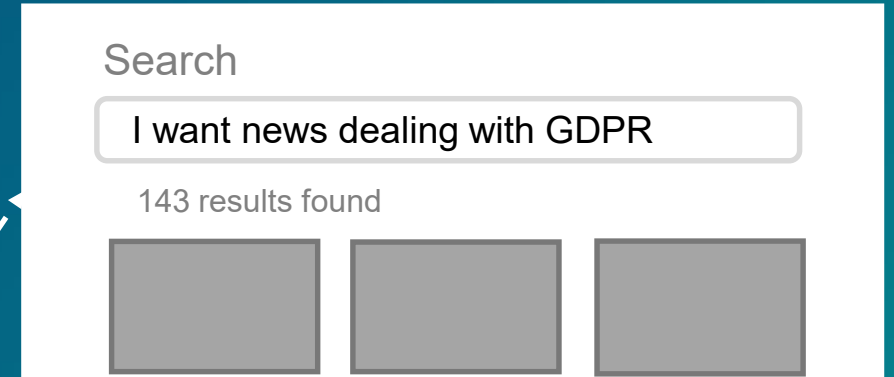


- ✓ All the nodes are independently connected to the internet
- ✓ Each node can synchronize objects from another node

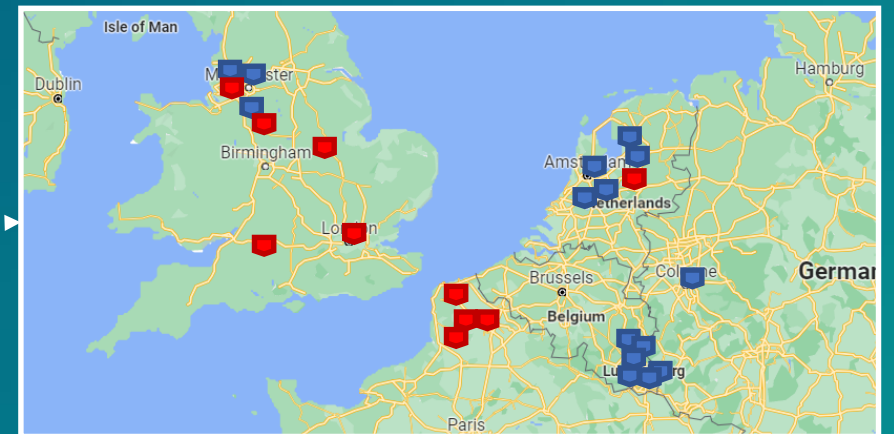
Connecting the NCCs



Example of research over the whole network

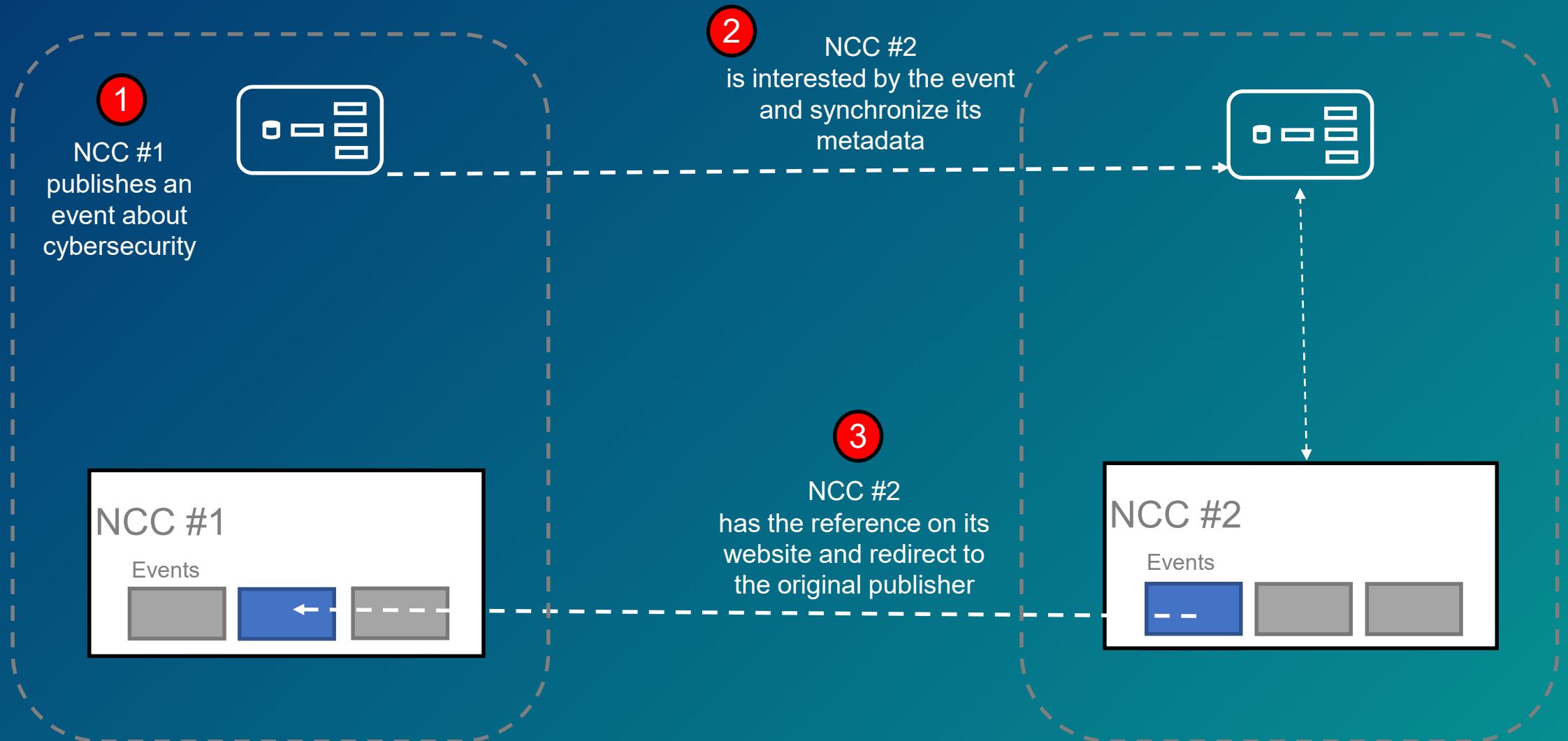


Example of representation of the ecosystems

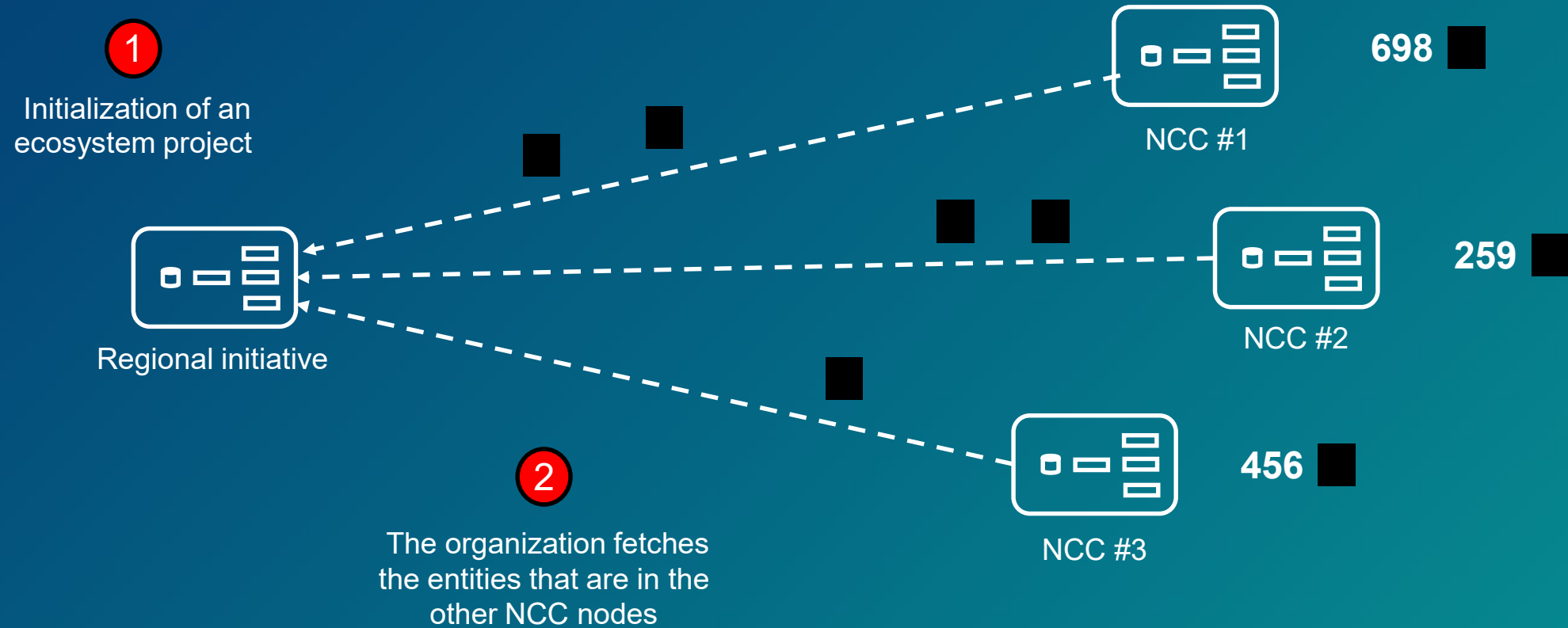


Use cases

Use cases



Use cases



Pros of collaboration

Pros of collaboration

- ✓ Build an effective open-source solution
 - Unify IT development workforce
 - Share ideas of development
 - Keep it free and accessible by any NCC
- ✓ Build a constructive community
 - Respond the ECCC missions
 - Share standardized data (entities, articles, taxonomies, ...)
 - Collaborate effectively between NCCs
- ✓ Help and support new initiatives

Thanks for the attention!

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