### **Project presentation**

# openXeco

Open Exchange for ecosystems <a href="https://openxeco.org/">https://openxeco.org/</a>

TLP:WHITE 08-08-2022



#### Table of contents

- ✓ Platform
- ✓ Connecting the NCCs
- ✓ Use cases
- ✓ Pros of collaboration

# Platform

### Platform: source code and components

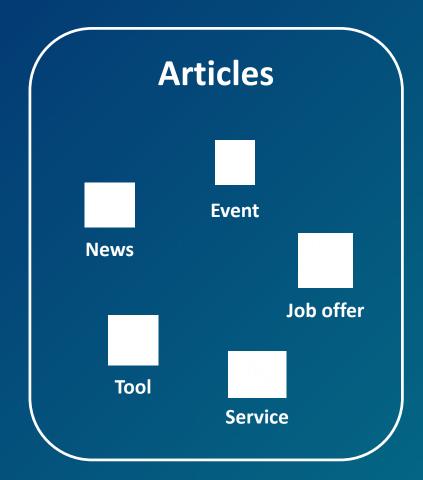
- ✓ Open source with a public repository
  - https://github.com/CybersecurityLuxembourg/openxeco-core

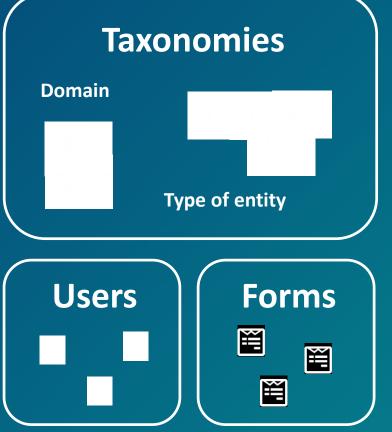


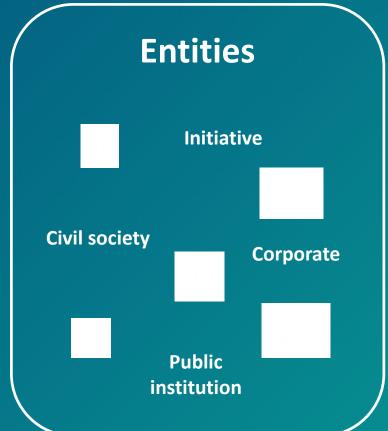


- ✓ Components
  - oxe-api: API as a middleware between the database and the web app
  - oxe-web-admin: Web app for administrators
  - oxe-web-community: Web app for the community

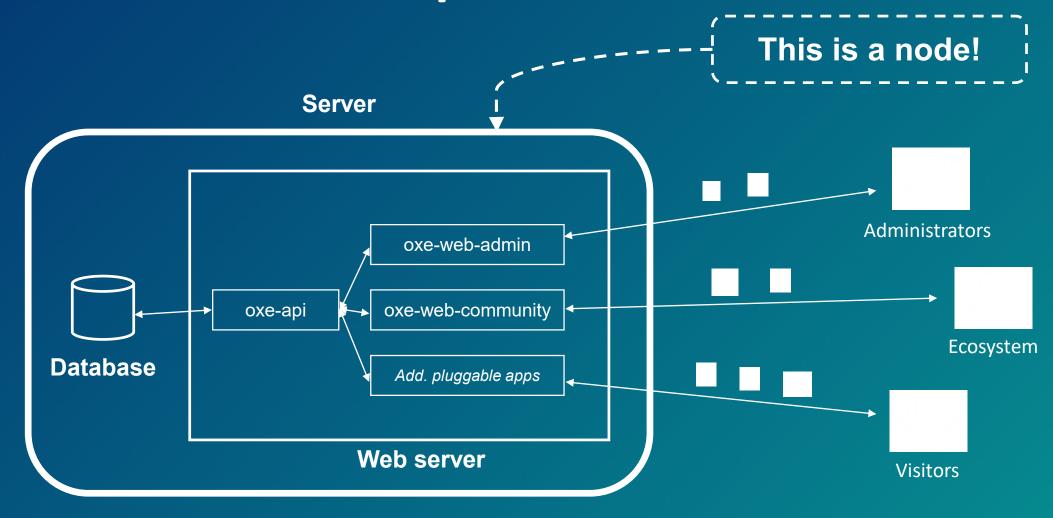
# Platform: manageable objects







# Platform: node representation



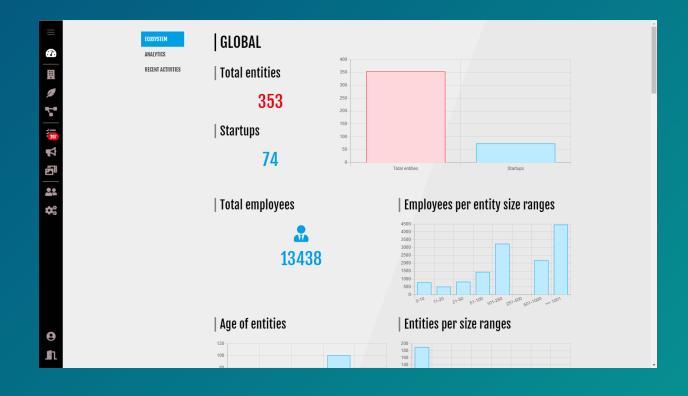
### Platform: oxe-web-admin

✓ Manage all objects



- ✓ Create reports
- ✓ Manage application/request
- ✓ Manage settings

#### **Only for NCCs**



# Platform: oxe-web-community

- ✓ Manage personal data
- ✓ Manage my entities

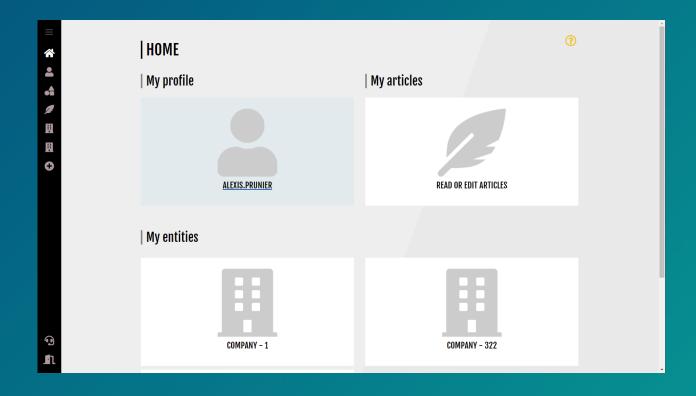


✓ Edit and publish articles

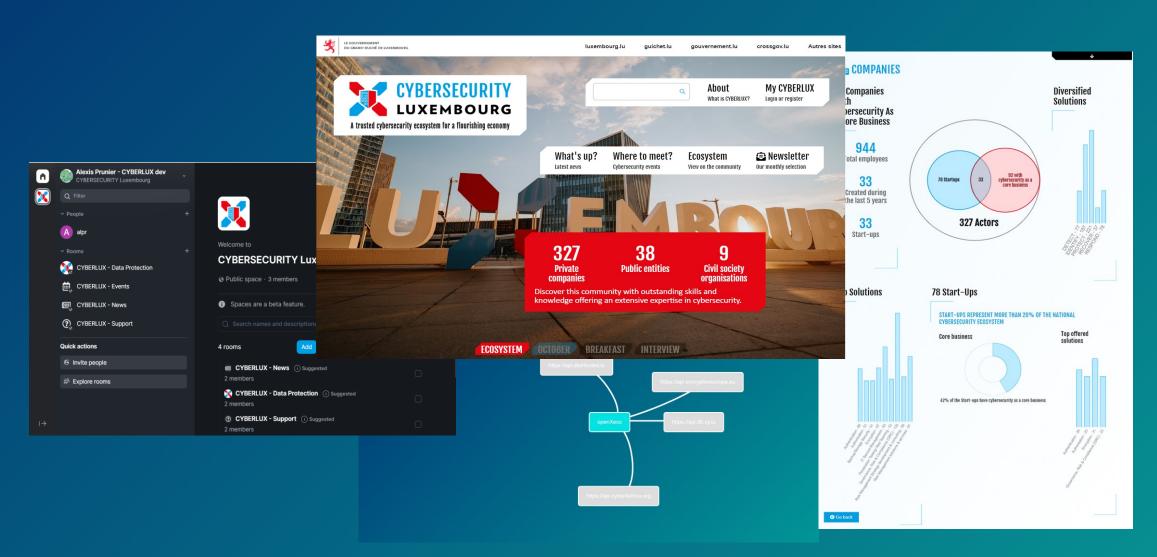


✓ Reply to surveys

Open to ecosystem

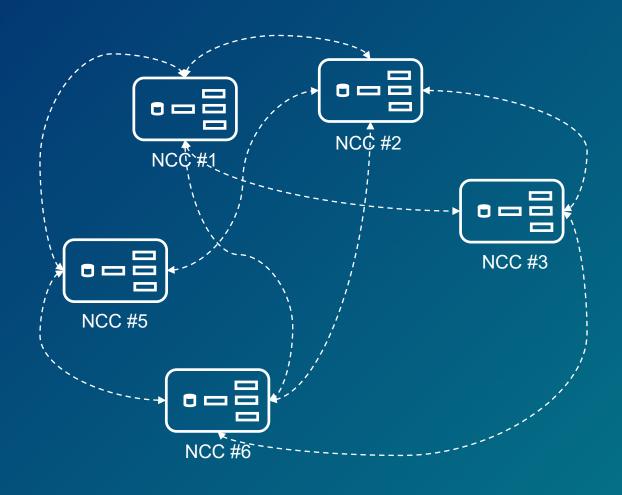


# Platform: Additional pluggable apps



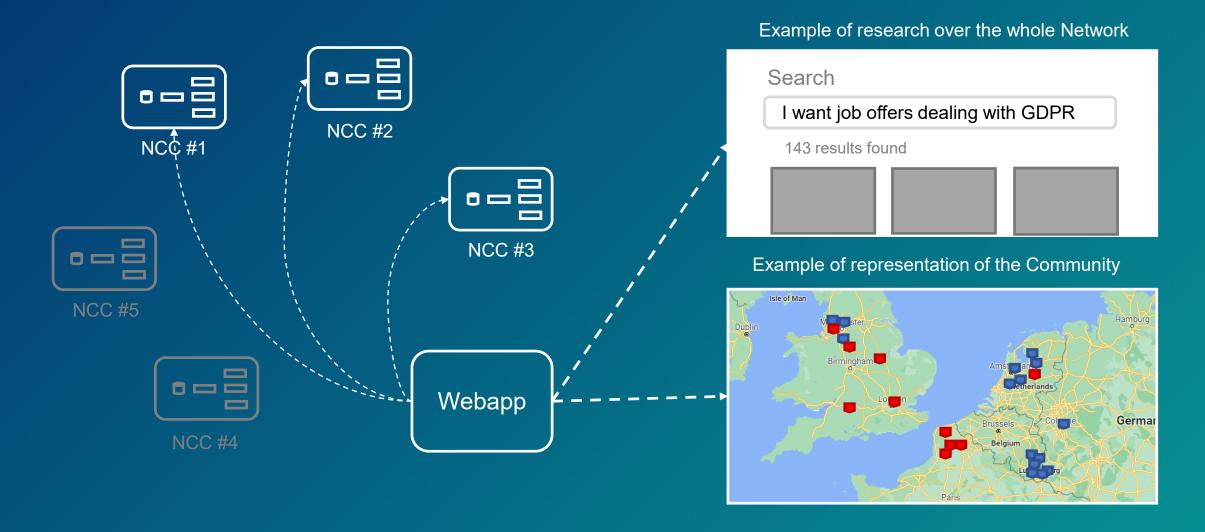
# Connecting the NCCs

# **Connecting the NCCs**



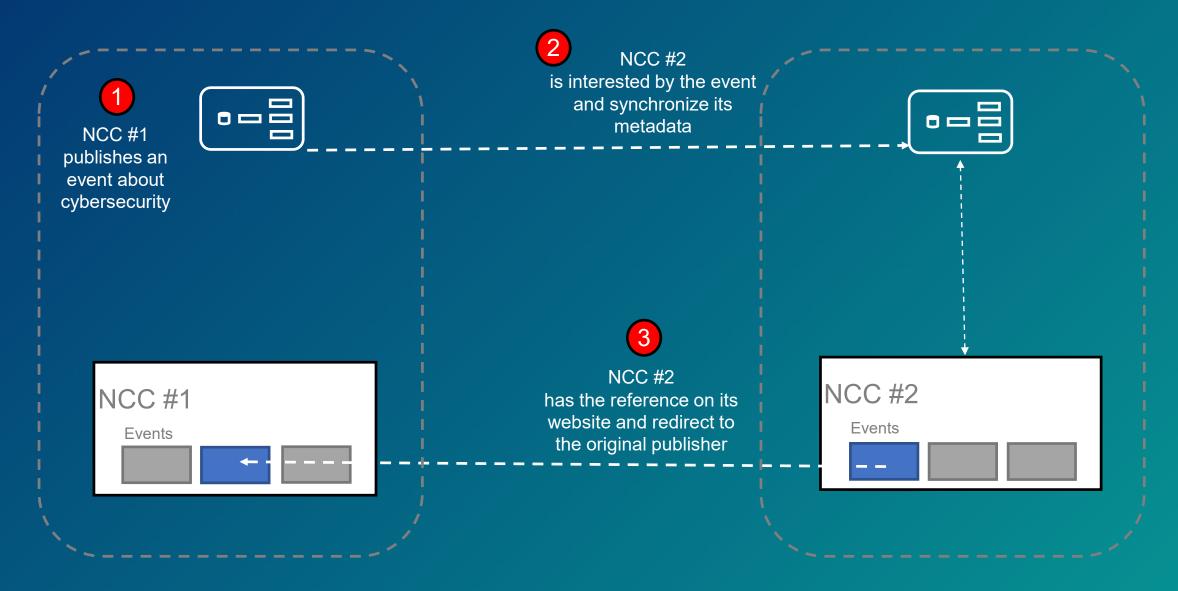
- ✓ All the nodes are independently connected to the internet
- ✓ Each node can read and synchronize objects from another node

# Aggregate the NCC data

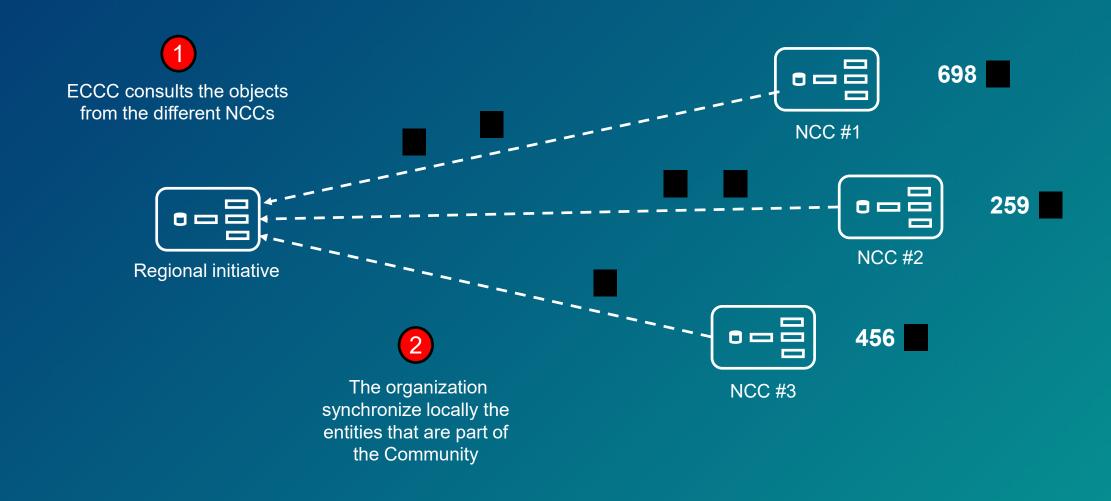


# Use cases

### 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!

### openXeco

Open Exchange for ecosystems <a href="https://openxeco.org/">https://openxeco.org/</a>

TLP:WHITE 08-08-2022

