

# Project presentation

openXeco

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

TLP:WHITE  
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- ✓ Pros of collaboration

**Platform**

# Platform

## Manageable objects

Article

Entity

Taxonomy

Users

News

Event

Job offer

Service

Tool

Public sector

Private sector

Civil society

Company size

Industry  
vertical

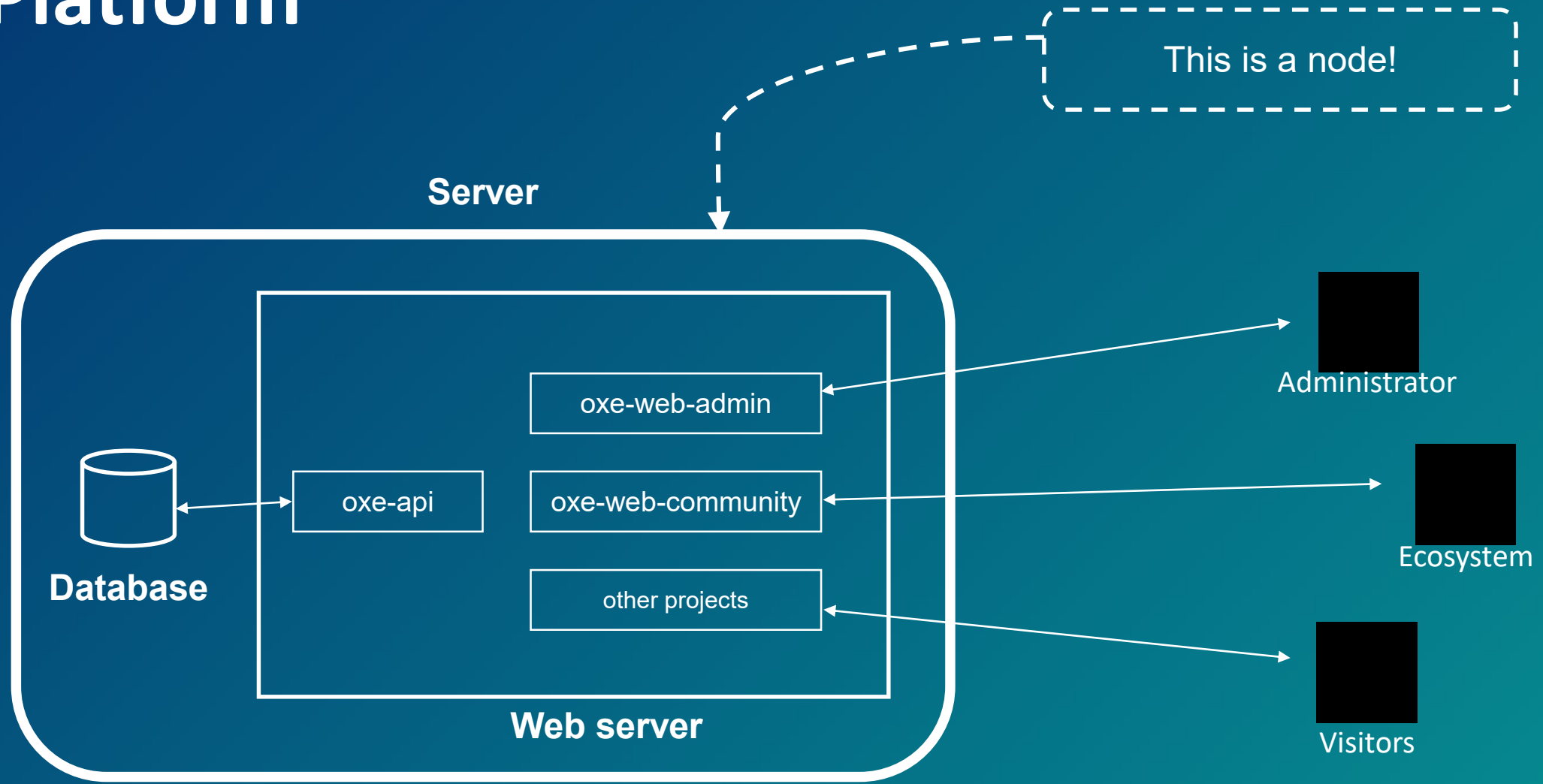
ECSO  
classification

...

# Platform

- ✓ Open source with a public repository
  - <https://github.com/CybersecurityLuxembourg/openxeco-core>
- ✓ Components
  - oxe-api: API as a middle-ware between the database and the web app
  - oxe-web-admin: Web app for administrators
  - oxe-web-community: Web app for the community
- ✓ Additional web app consuming the API

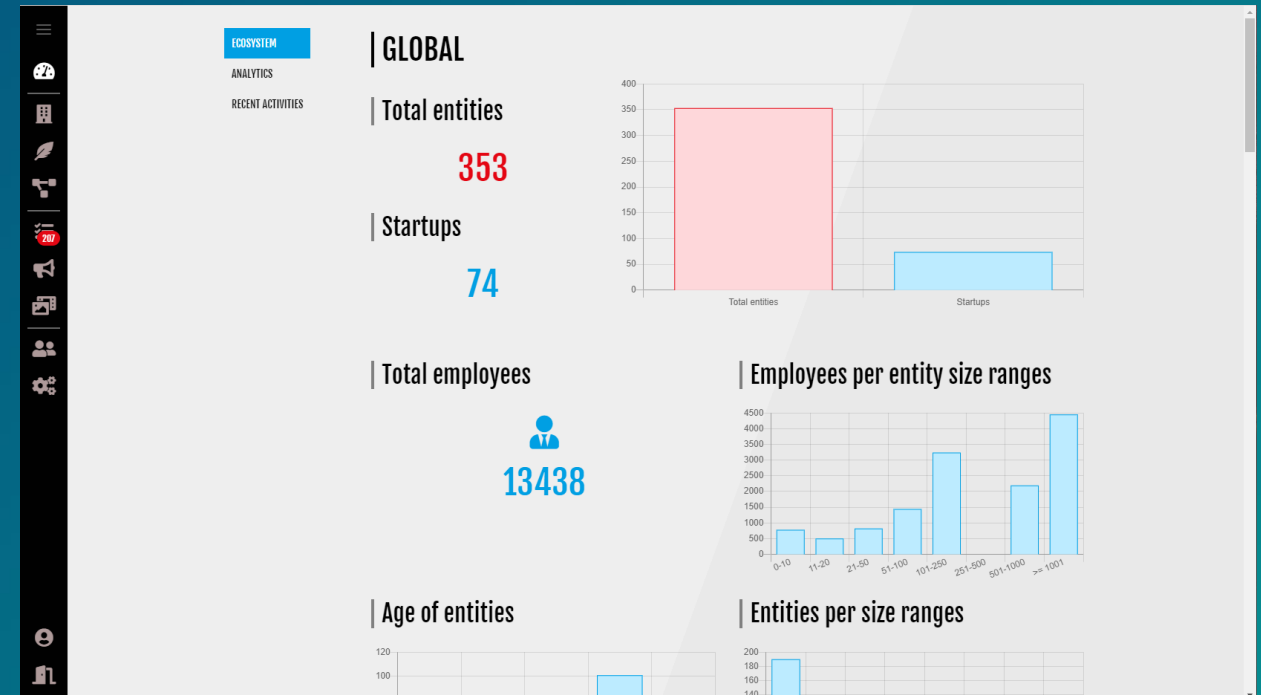
# Platform



# Platform: oxe-web-admin

Only for administrators

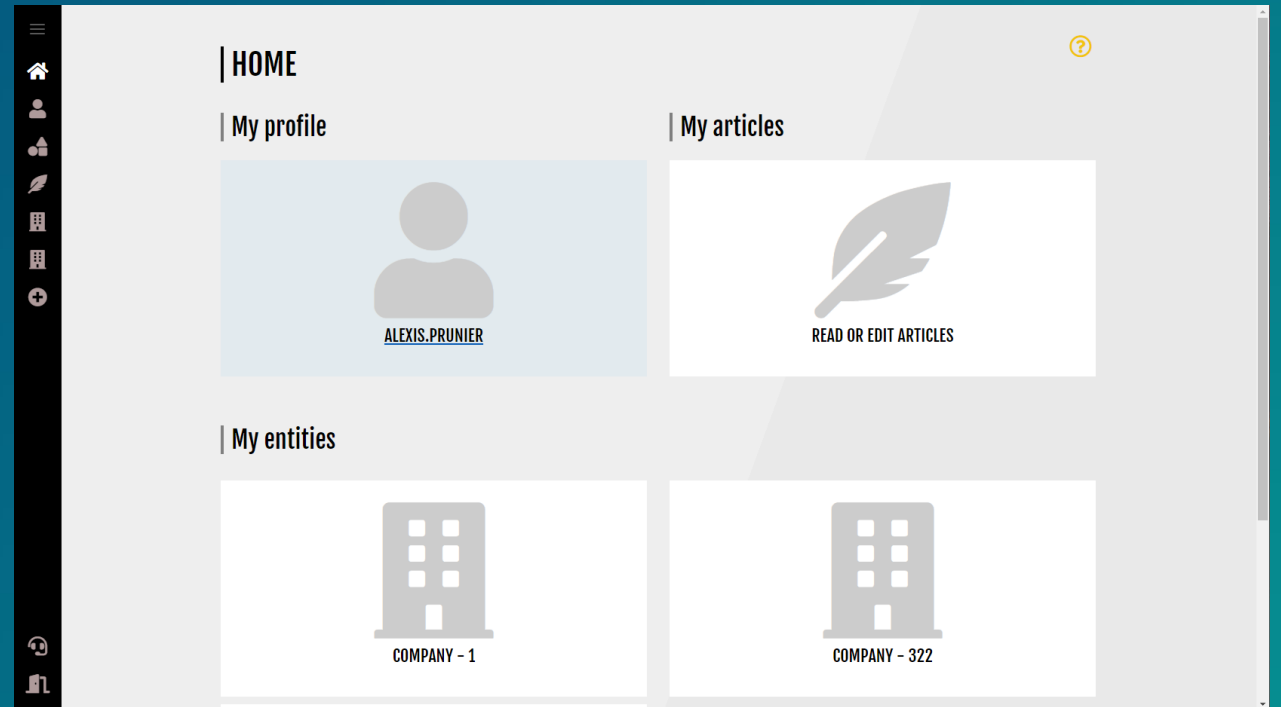
- ✓ Manage entities
  - Including metadata, address, contacts, workforce, taxonomy
- ✓ Manage articles
  - News, events, job offers, services, tools
- ✓ Manage taxonomies
- ✓ Manage requests
- ✓ Control the data
- ✓ Manage settings



# Platform: oxe-web-community

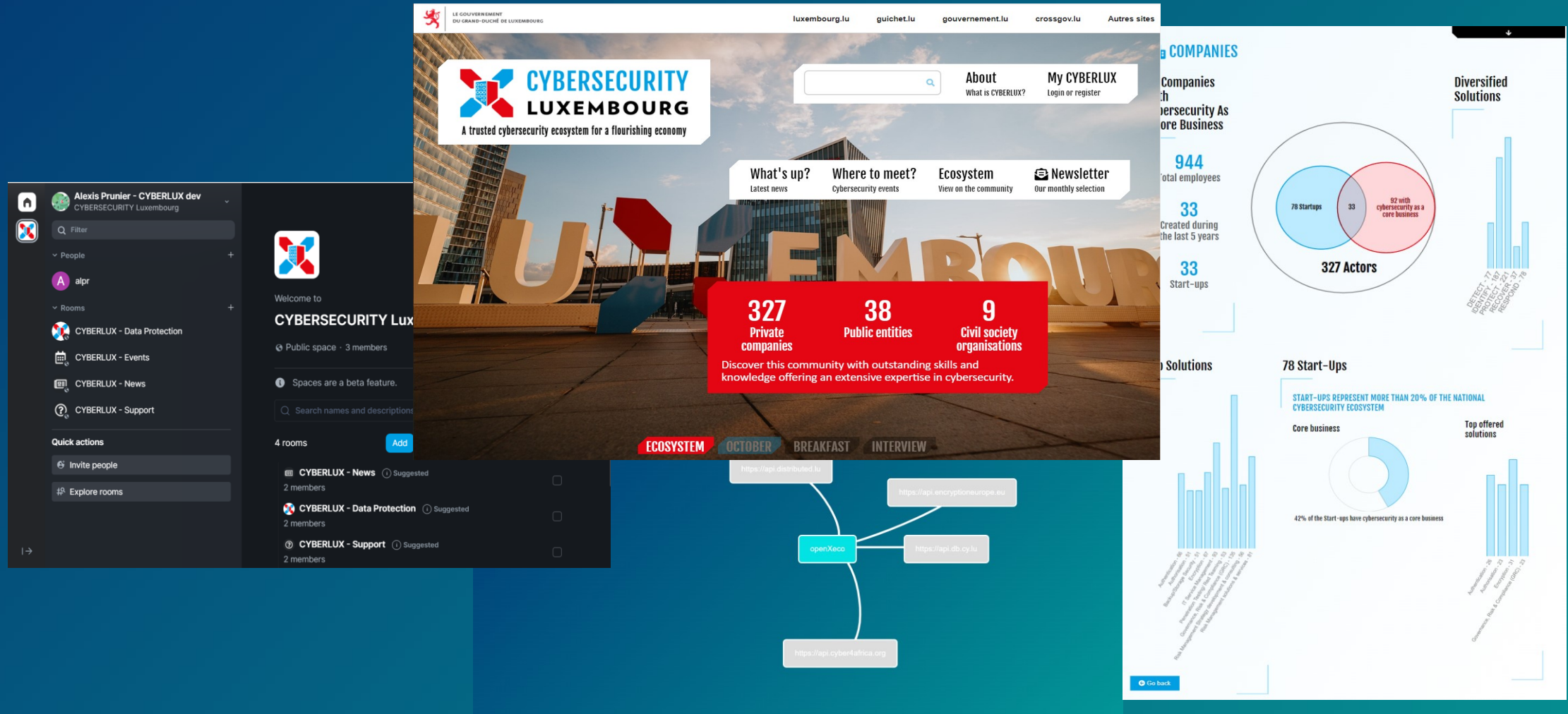
Open to ecosystem

- ✓ Manage personal data
- ✓ Manage my entities
  - Including metadata, address, taxonomy
- ✓ Edit and publish articles on behalf of my entity
  - News, events, job offers, services, tools
- ✓ Generate logo



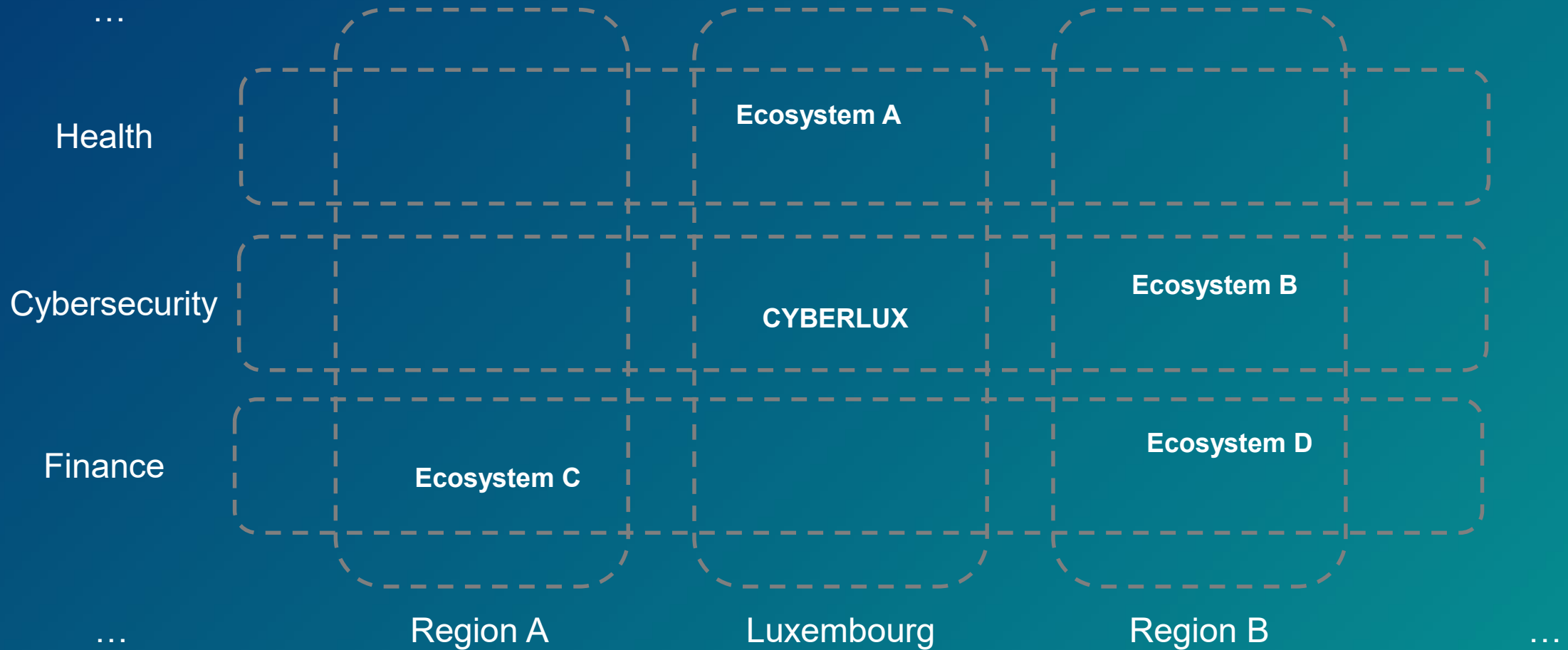


# Platform: other projects

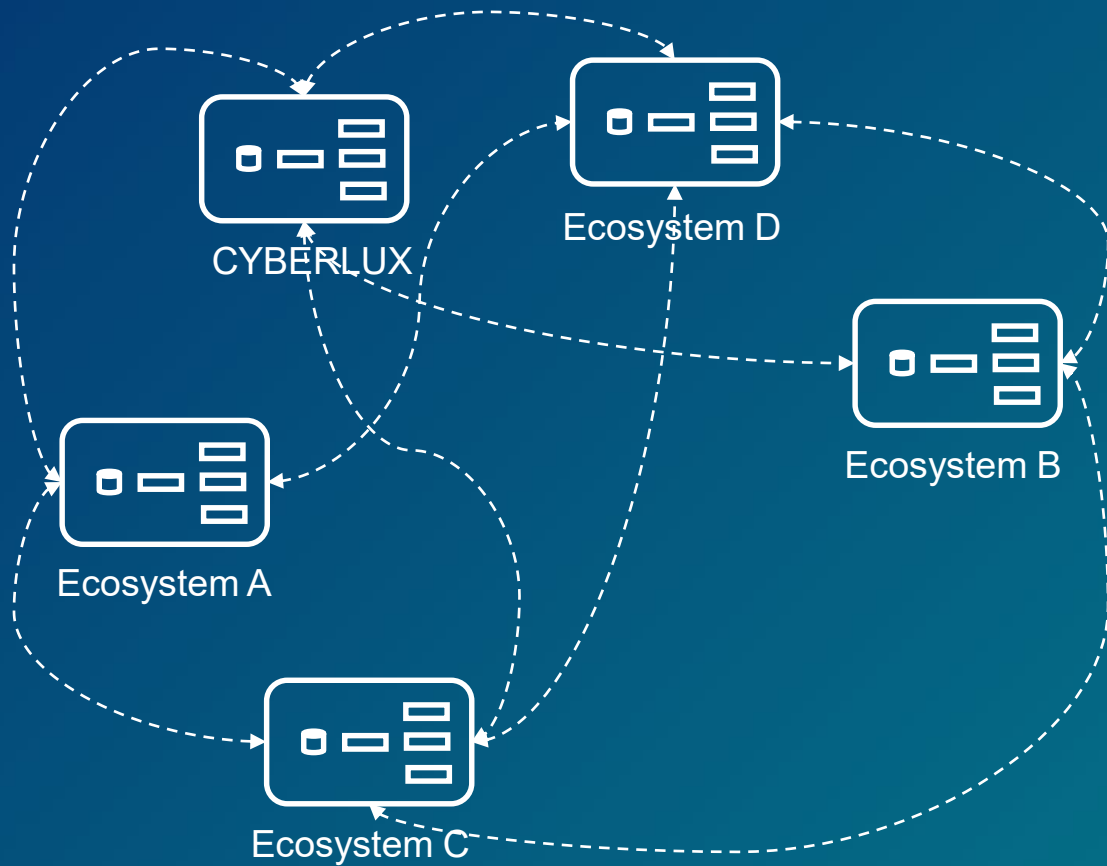


**Connecting the ecosystems**

# Connecting the ecosystems

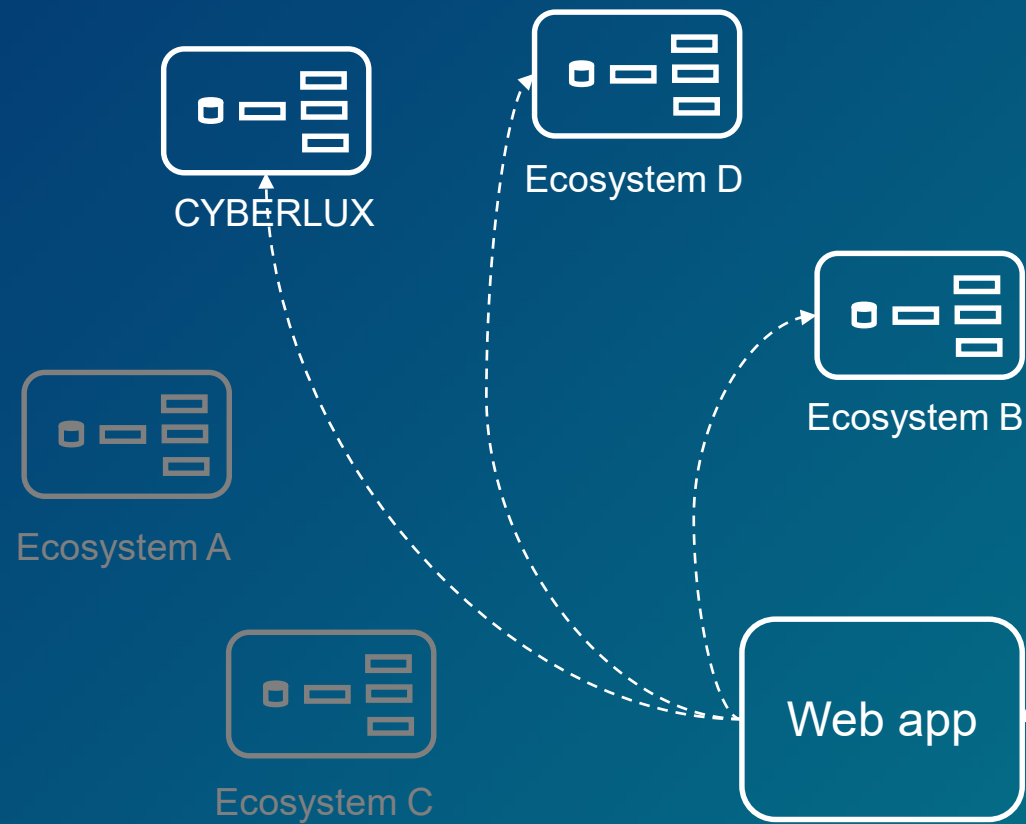


# Connecting the ecosystems



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

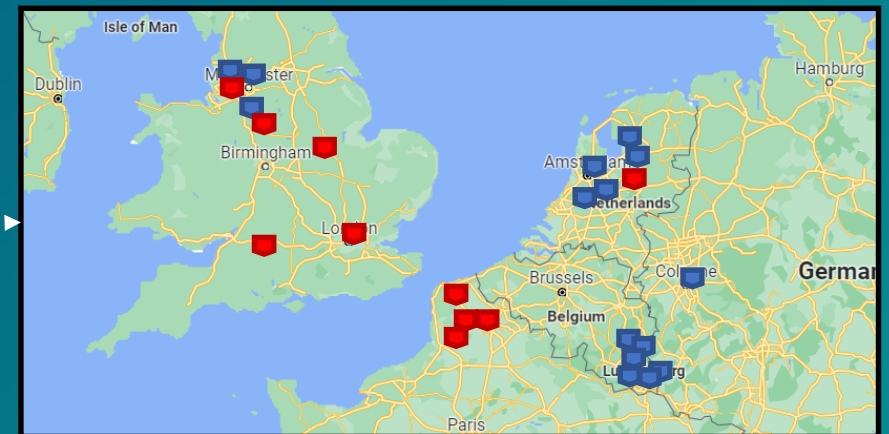
# Connecting the ecosystems



Example of research over the whole network

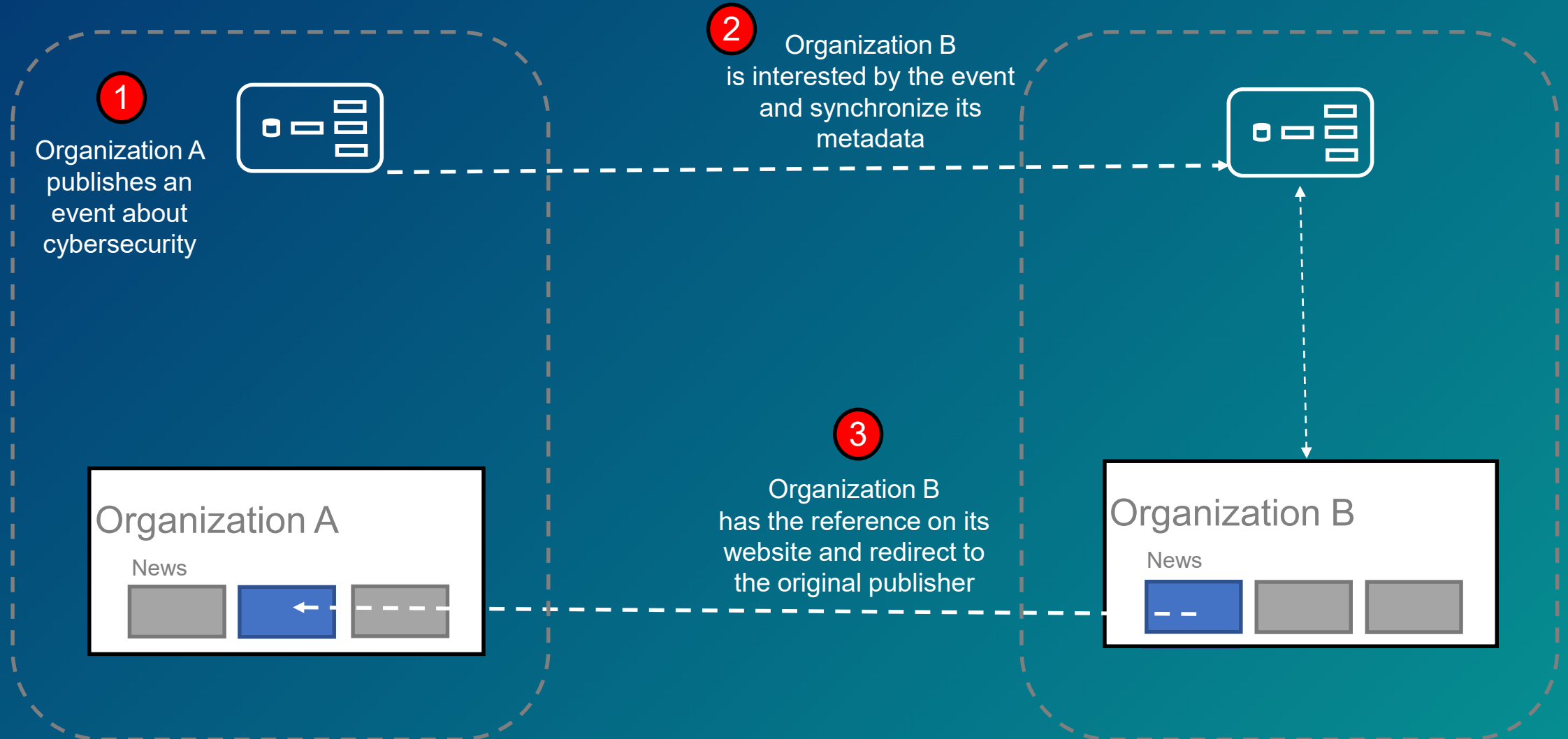


Example of representation of the ecosystems

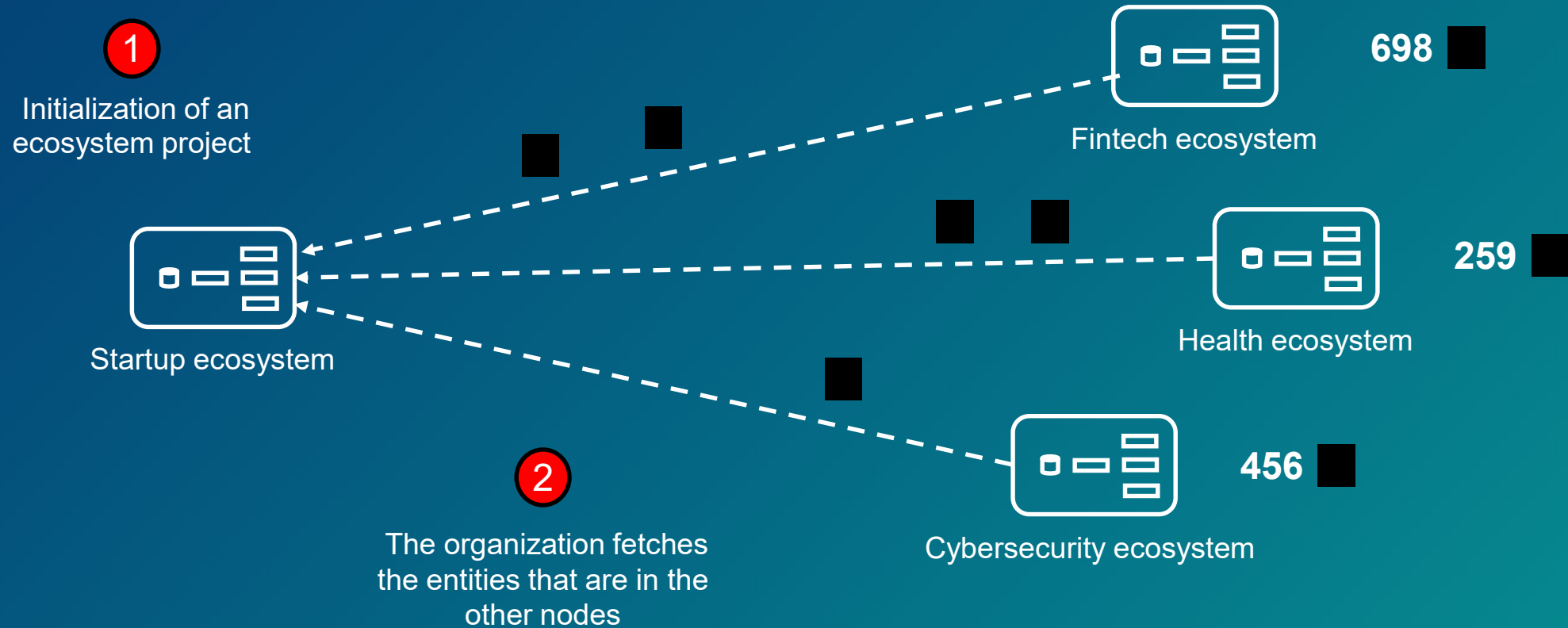


Use cases

# Connecting the ecosystems



# Connecting the ecosystems





# 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 tier
- ✓ Build a constructive community
  - Standardize data format
  - Share data (entities, articles, taxonomies, ...)
  - Promote each other
- ✓ Help and support new initiatives

# Thanks for the attention!

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