CS3 MESH4 EOSC

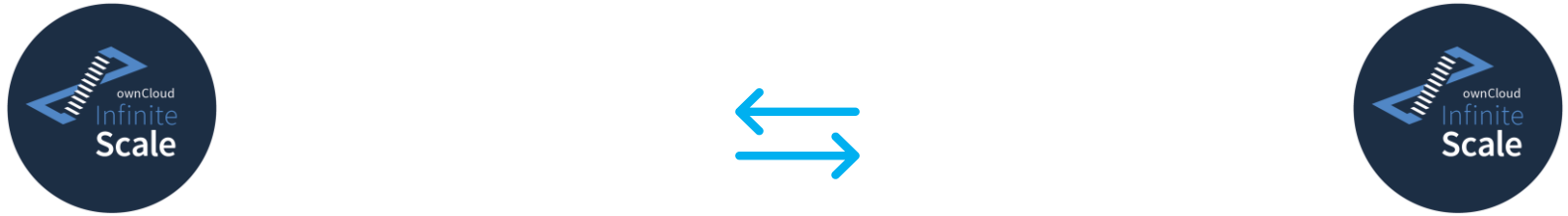
Connecting European Data

User-friendly OCM Invitation and Sharing in CERNBox

Elizaveta Ragozina

CS3MESH4EOSC has received funding from the European Union's Horizon 2020 Research and Innovation programme under **Grant Agreement No. 863353**.

Demonstration

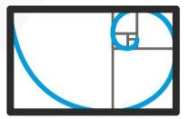


- Elizaveta @ CERNBox wants to share data with Albert @ Marineford
- Sends an invitation to Albert via email
- Albert reveals his identity by accepting
- Mutual sharing

Demonstration

- Video

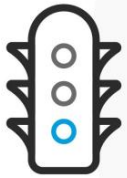
1. Clear



Aesthetic & Minimalist Design

2. Familiar

Consistency



Visibility of System Status

Match Between System & the Real World

Recognition Rather than Recall

3. Empower

Flexibility & Efficiency of Use

Help & Documentation

User Control & Freedom

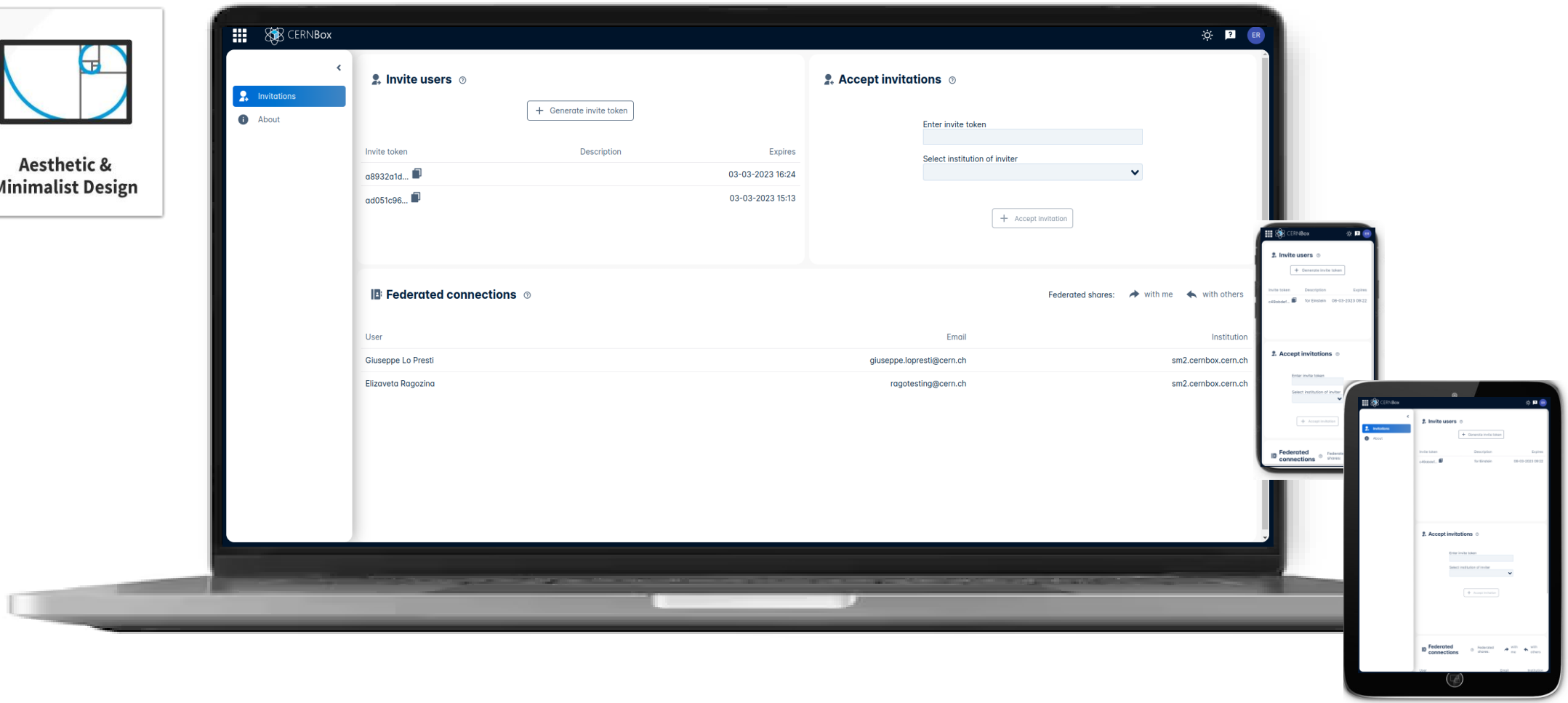
4. Avoid errors

Help Users Recognize & Recover from Errors

Error Prevention

10 heuristics by Nielsen

1. Make it clear

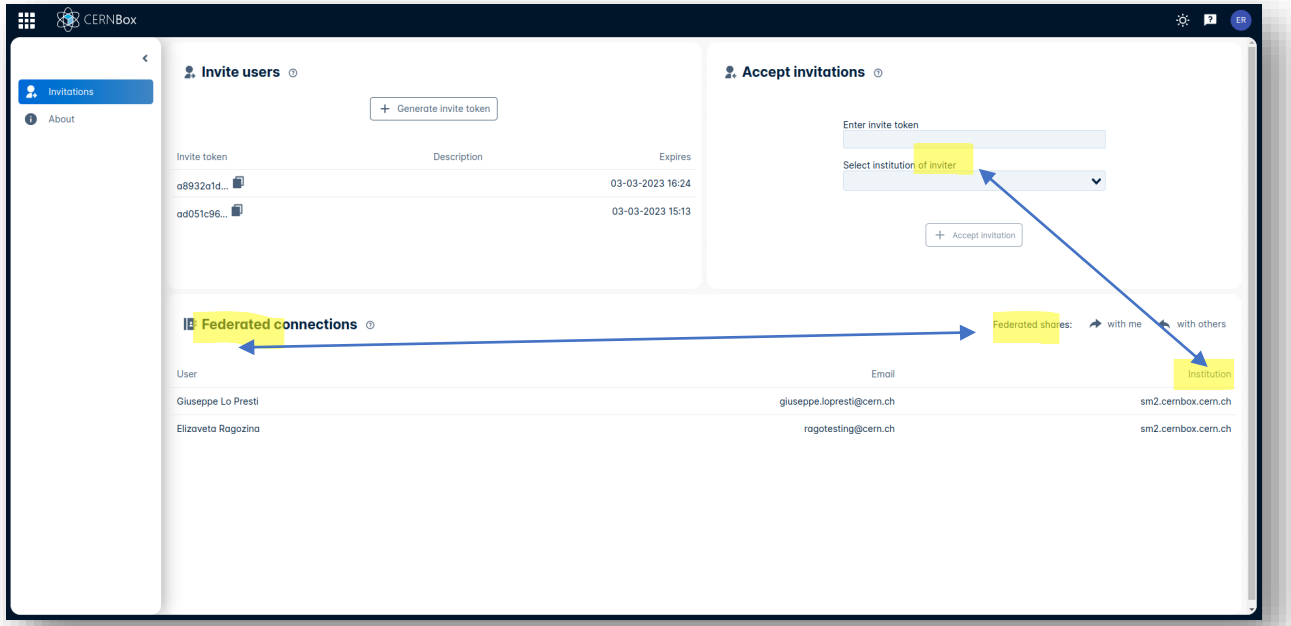


2. Make it familiar

Consistency

- Reusage of ownCloud UI components
- Wordings

ownCloud Design System



- Federated sharing is integrated into usual sharing

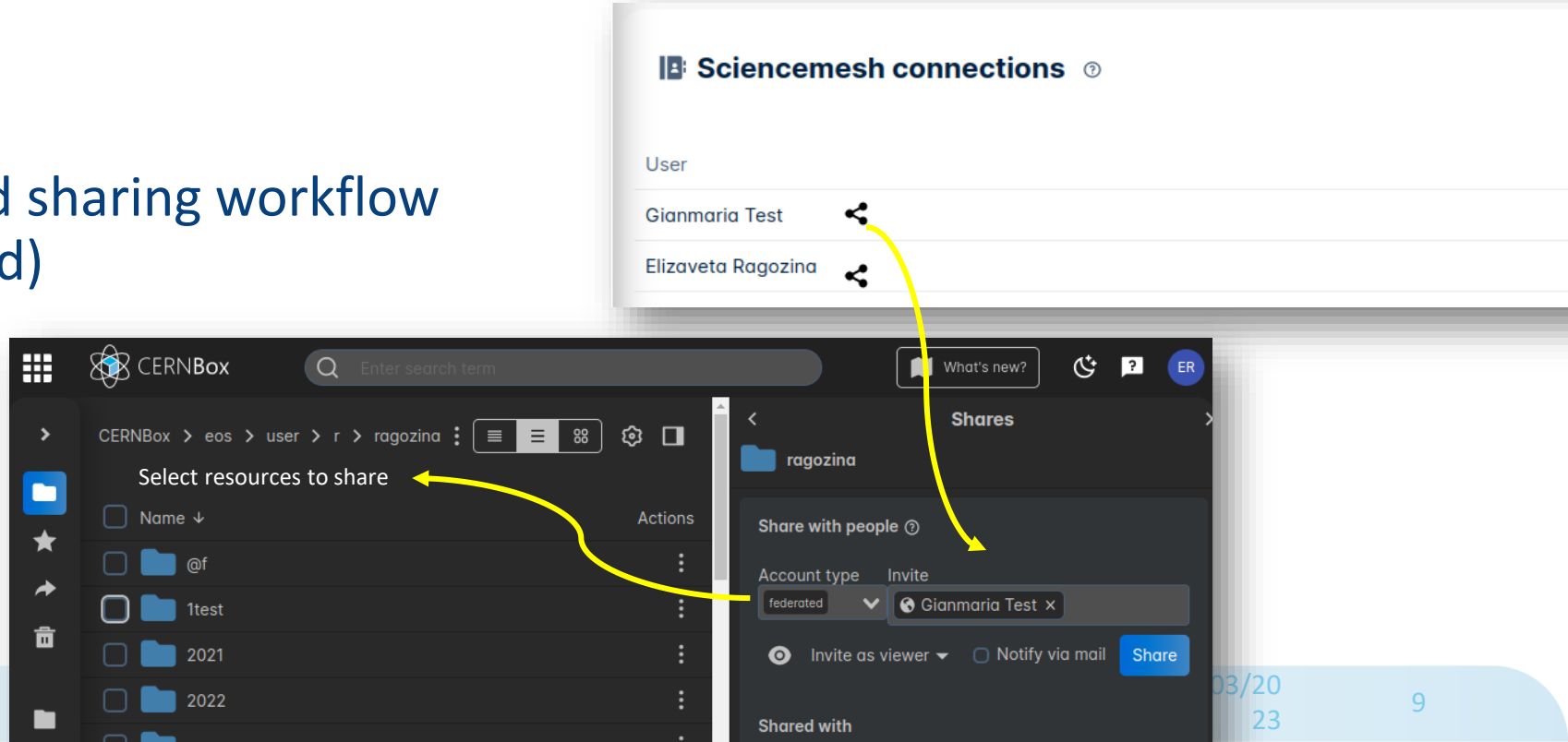
2. Make it familiar

- Status through notifications and information highlights

2. Make it familiar

- User's language, familiar icons

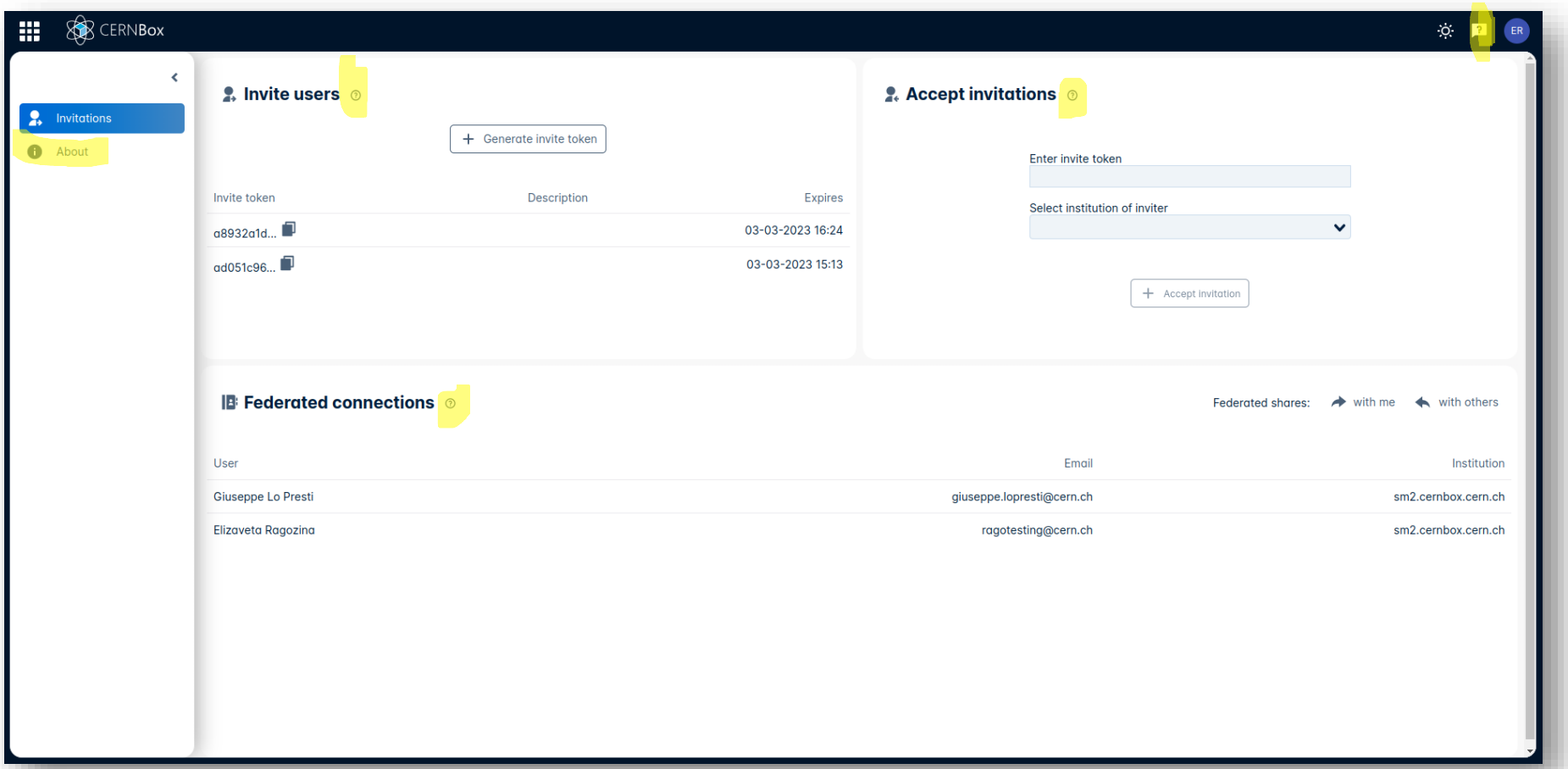
- Inverted sharing workflow (planned)



3. Empower users

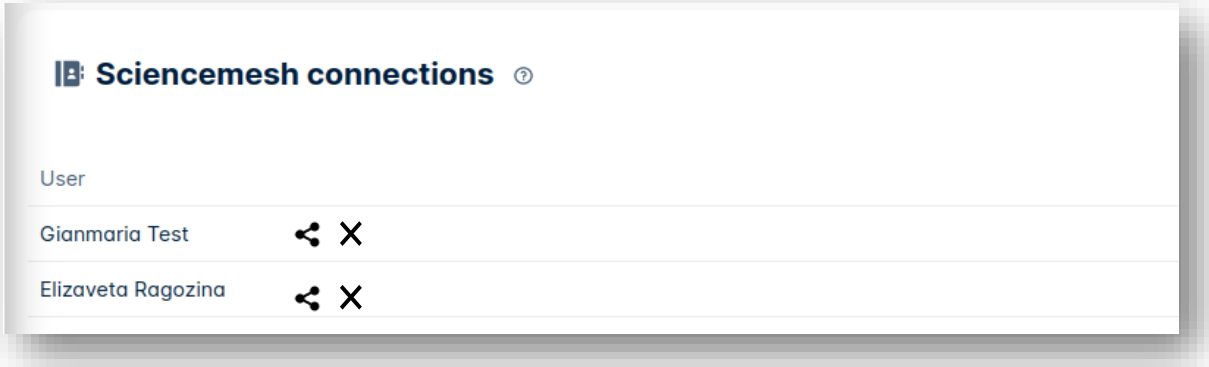
- Flexibility to select how to send and accept invitations
- Efficiency support: token gets copied to clipboard on creation
- Scroll & focus to accepting area when in role of the invitee

3. Empower users



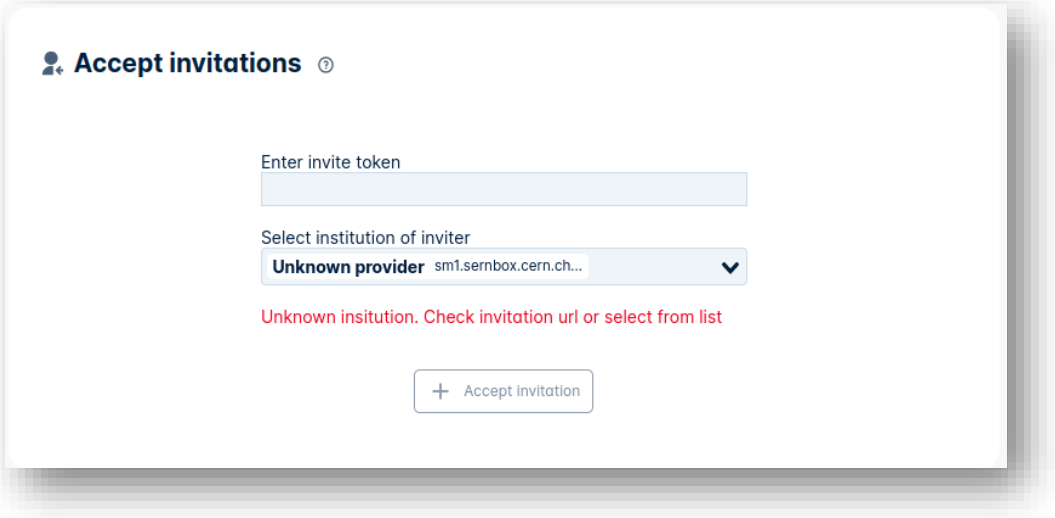
3. Empower users

- "Undo" actions: remove tokens, connections, shares (planned)



4. Avoid errors

- Prevent forms from submitting by unknown/ missing information



- Meaningful user-friendly error messages (in progress)

1. Clear

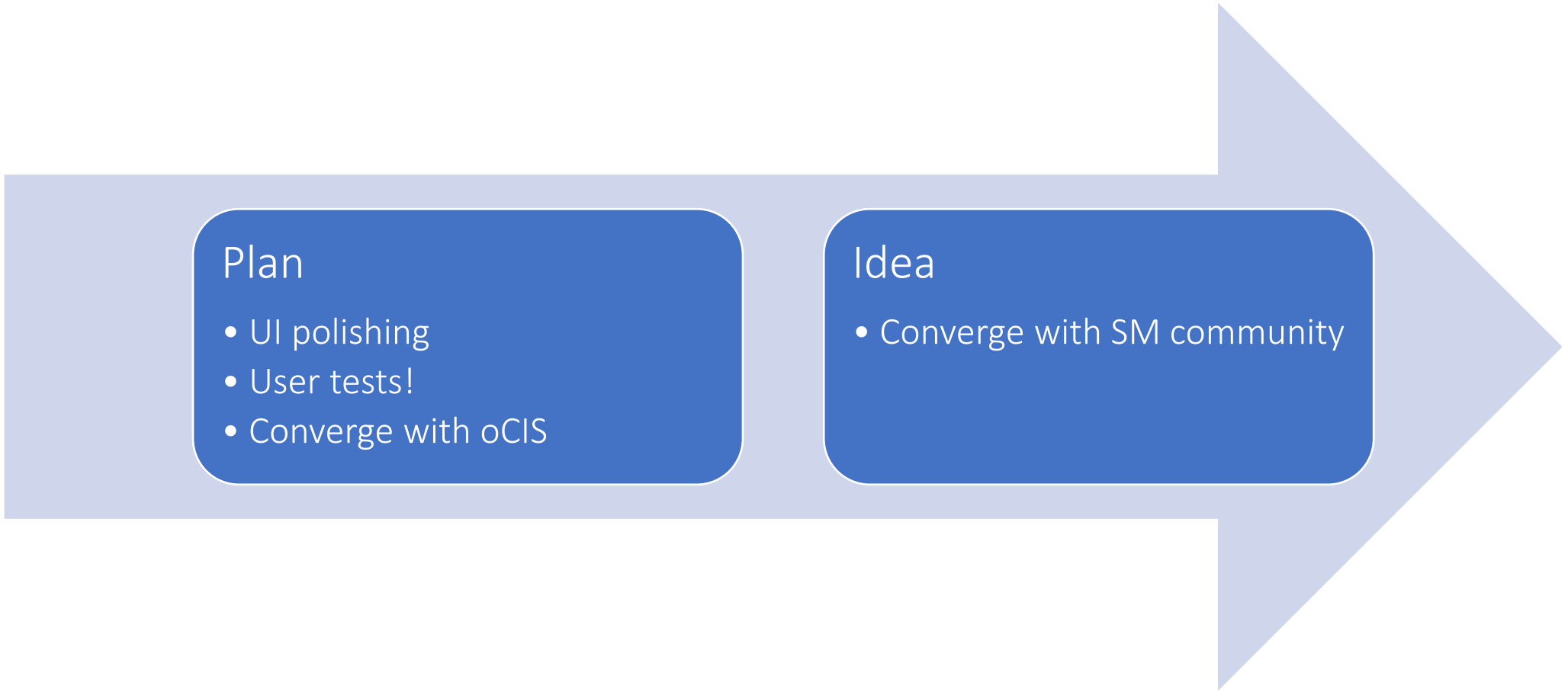
2. Familiar

3. Empower

4. Avoid errors

- Usability
- +
- Usefulness
- Accessibility
- Findability

Plans and ideas



Plans and ideas

Plan

- UI polishing
- User tests!
- Converge with oCIS

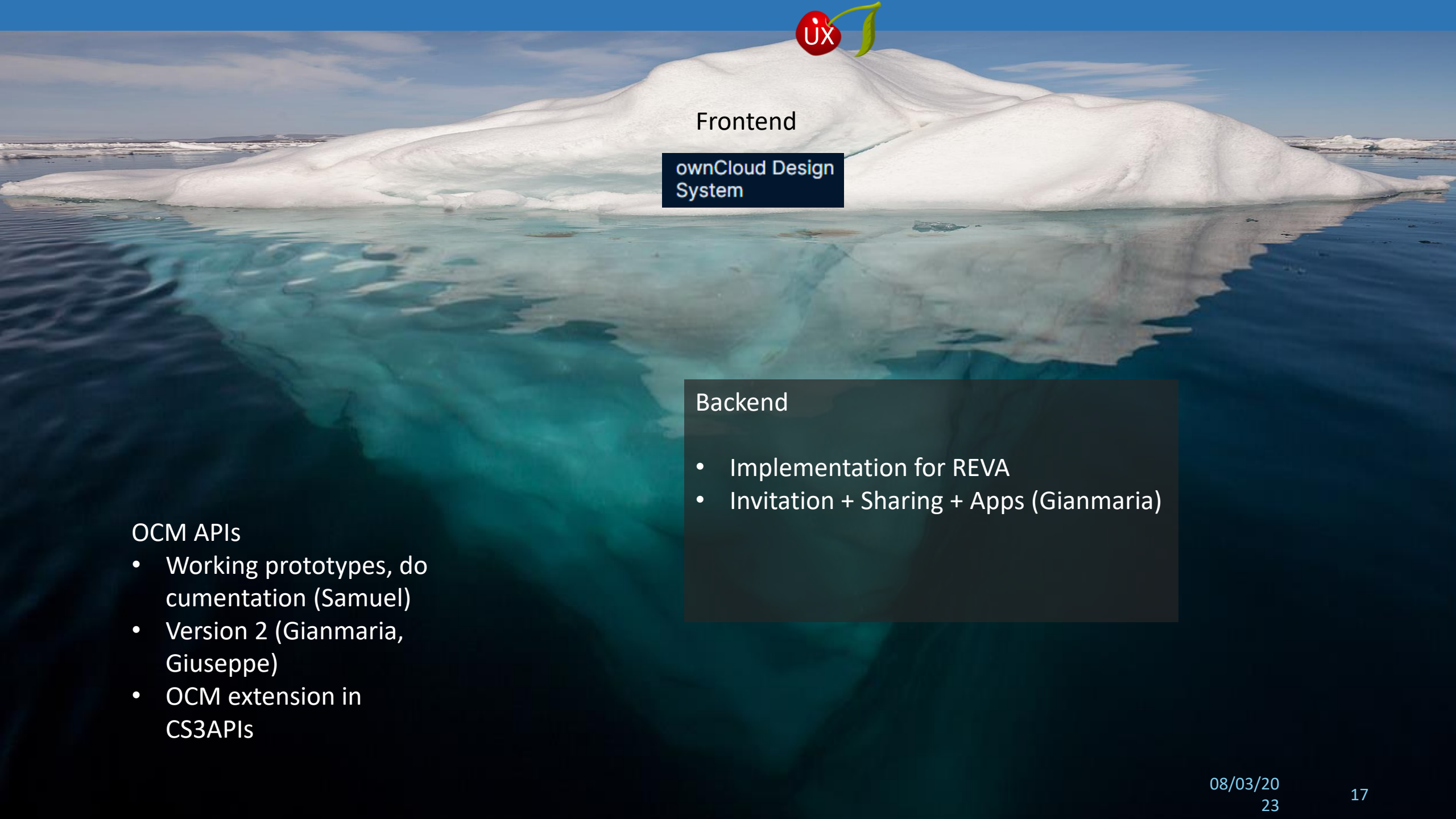
Idea

- Converge with SM community

Don't reinvent the wheel

- Same invitation workflow for everyone
- Converge on concept, then on implementation
- Would make it easier to join the SM club

- Modern tech: microfrontends
- APIs spec (/sciencemesh/...)


UX
Frontend
ownCloud Design System
Backend
• Implementation for REVA
• Invitation + Sharing + Apps (Gianmaria)
OCM APIs
• Working prototypes, do cumentation (Samuel)
• Version 2 (Gianmaria, Giuseppe)
• OCM extension in CS3APIs

CS3 MESH4 EOSC

Connecting European Data

Thank you!

Discover more on...

cs3mesh4eosc.eu

company/cs3mesh4eosc

CS3org

CS3MESH4EOSC Project

https://www.youtube.com/channel/UCHKcZEkMqXjCvc3MLFjFxbw

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