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March 3rd – March 7th
Officine Cantelmo, Lecce IT

Technical Tools and Platforms

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Spiros Koulouzis, LifeWatch ERIC

Tomáš Martinovič, IT4Innovations National Supercomputing Center

Tuomas Rossi, CSC – IT Center for Science



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Tools



- Who are familiar with **programming in R**?

- Who are familiar with **programming in Python?**

- Who are familiar with **using Jupyter notebooks**?



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Platforms



- GBIF Portal
 - Now: Account preparation; Tue: Introduction to usage
- LUMI Supercomputer
 - Now: Account preparation; Wed: Introduction to usage
- LEXIS Portal
 - Now: Account preparation; Thu: Introduction to usage
- Lifewatch NaaVRE Open Lab
 - Now: Account preparation; Fri: Introduction to advanced features
- School&Hackathon GitHub <https://github.com/BioDT/Hackathon25>
 - Available already, but updates likely



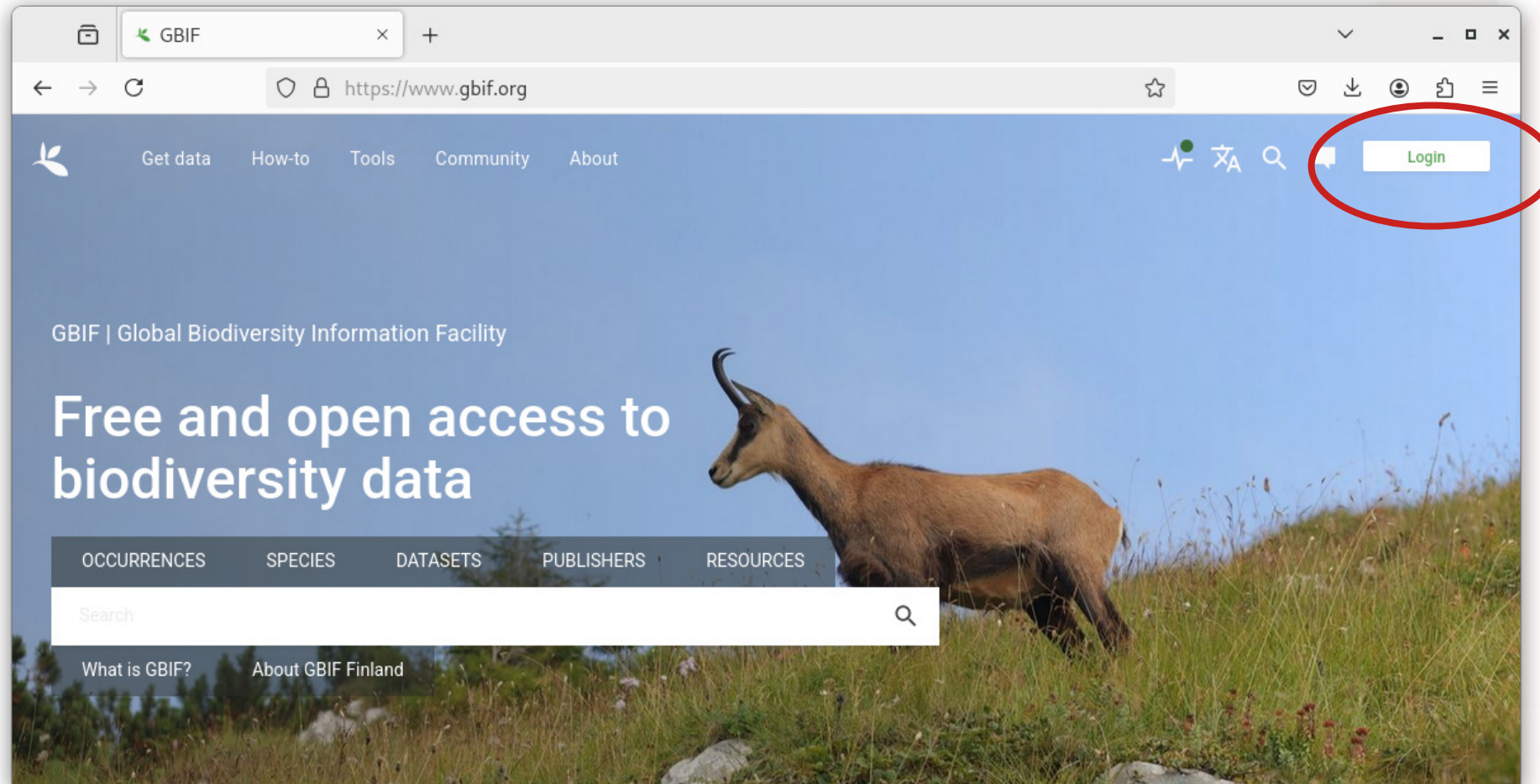
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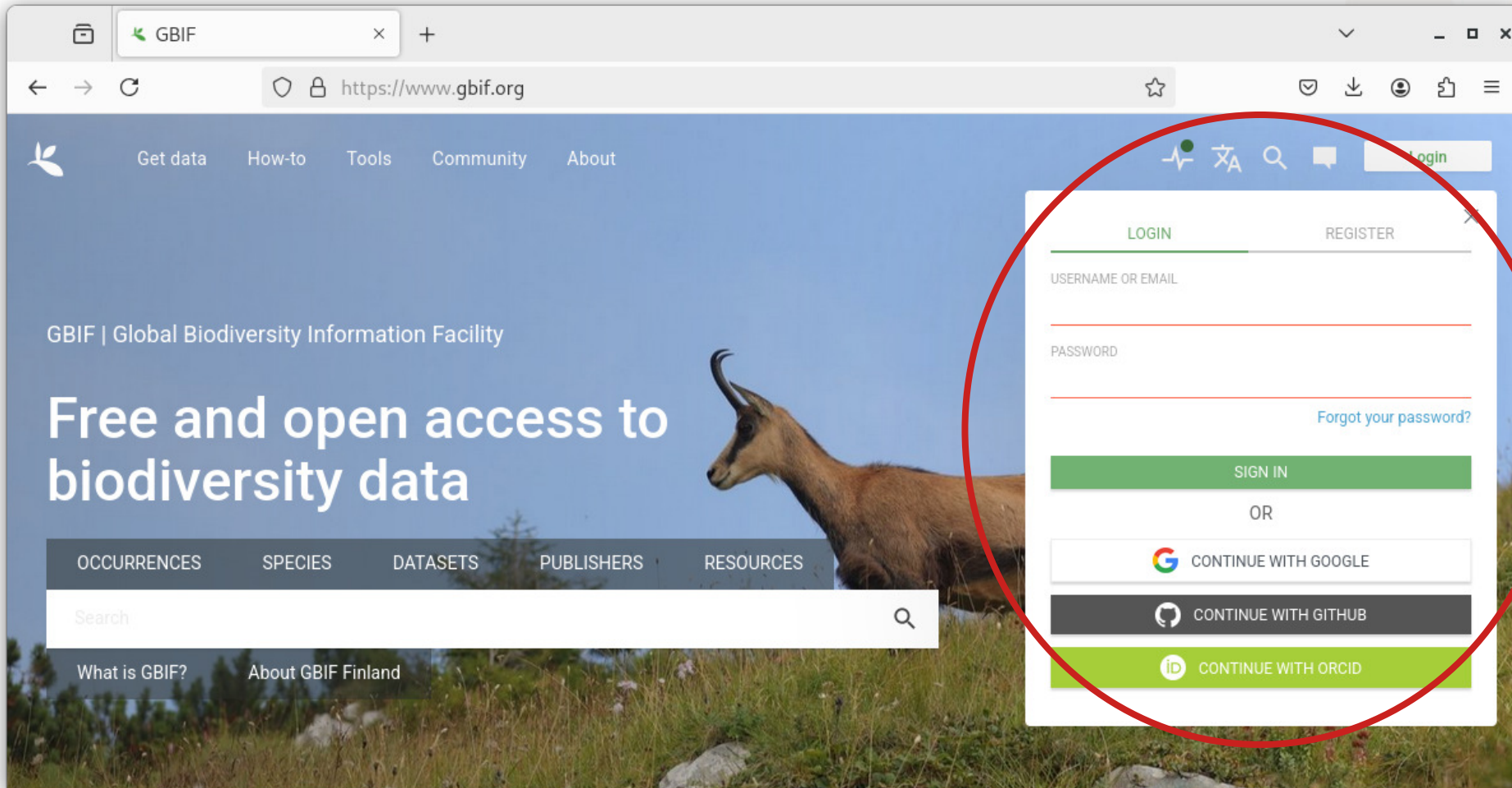
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GBIF Portal

1) Open <https://www.gbif.org/>



2) Choose the preferred login method



The screenshot shows the GBIF website in a web browser. The browser's address bar displays <https://www.gbif.org>. The website's header includes navigation links: Get data, How-to, Tools, Community, and About. The main content area features the text "GBIF | Global Biodiversity Information Facility" and "Free and open access to biodiversity data". Below this, there are tabs for OCCURRENCES, SPECIES, DATASETS, PUBLISHERS, and RESOURCES, along with a search bar. A modal window is open on the right side of the page, containing the "LOGIN" and "REGISTER" options. The "LOGIN" tab is selected, and the form includes fields for "USERNAME OR EMAIL" and "PASSWORD", a "Forgot your password?" link, and a "SIGN IN" button. Below the "SIGN IN" button, there is an "OR" separator and three social login options: "CONTINUE WITH GOOGLE", "CONTINUE WITH GITHUB", and "CONTINUE WITH ORCID". The modal window is highlighted with a red circle.



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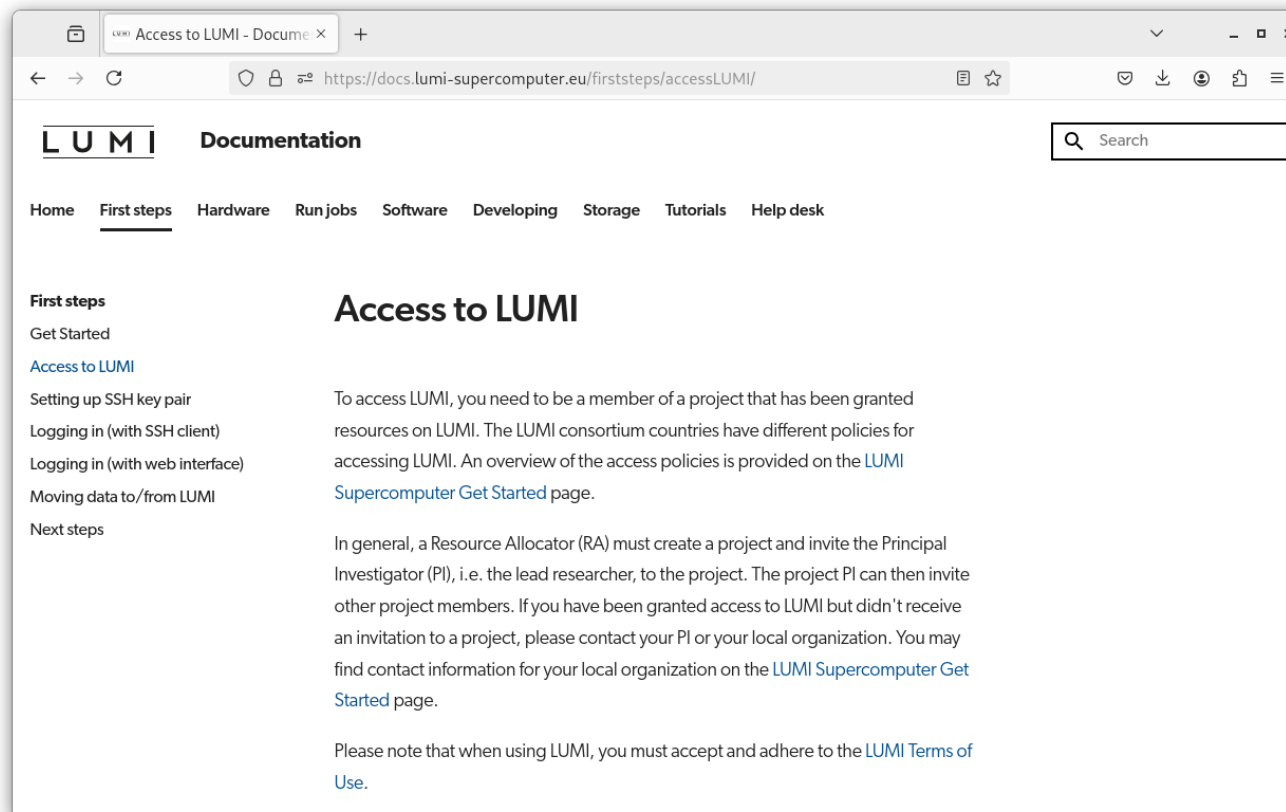
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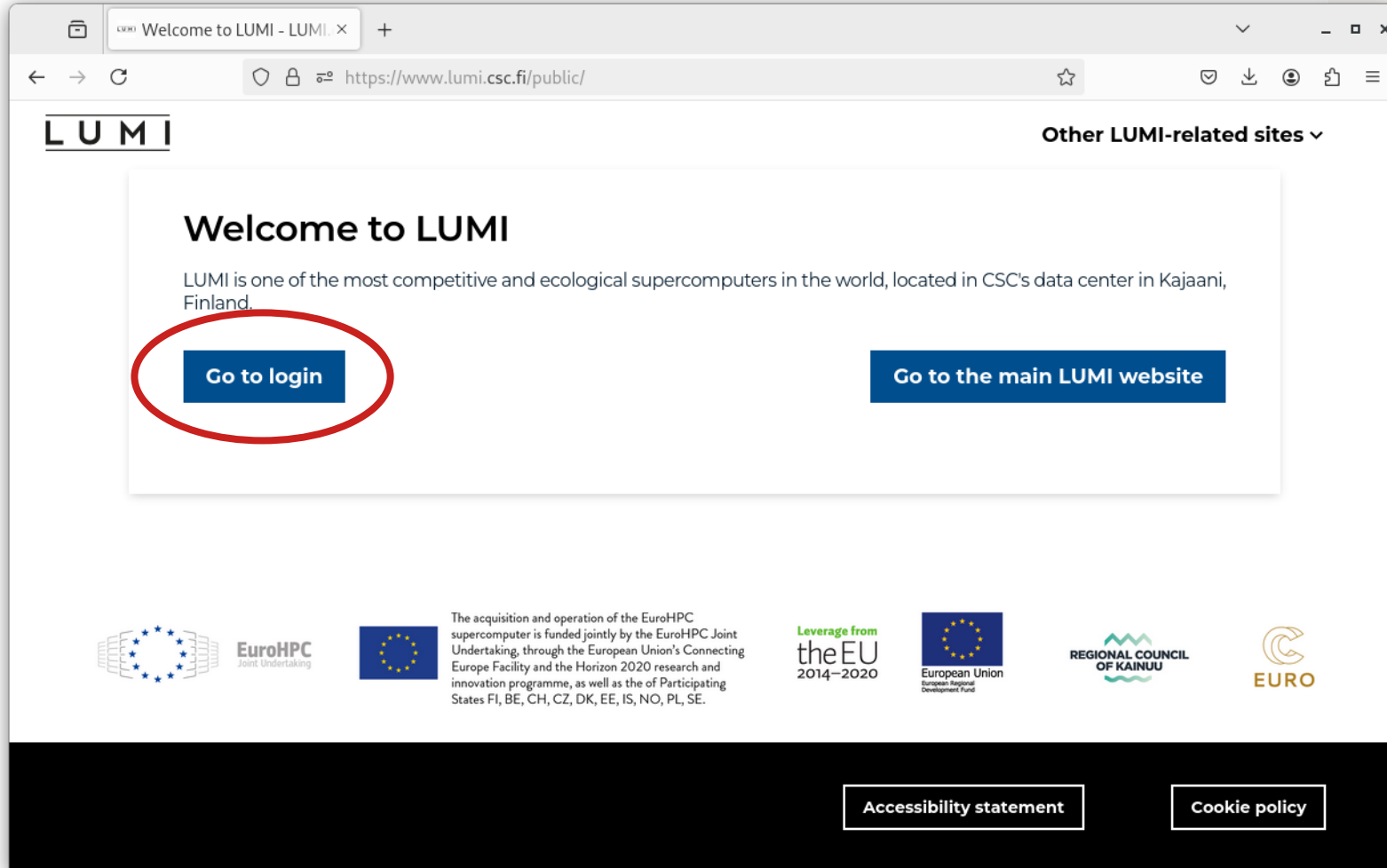
LUMI Supercomputer



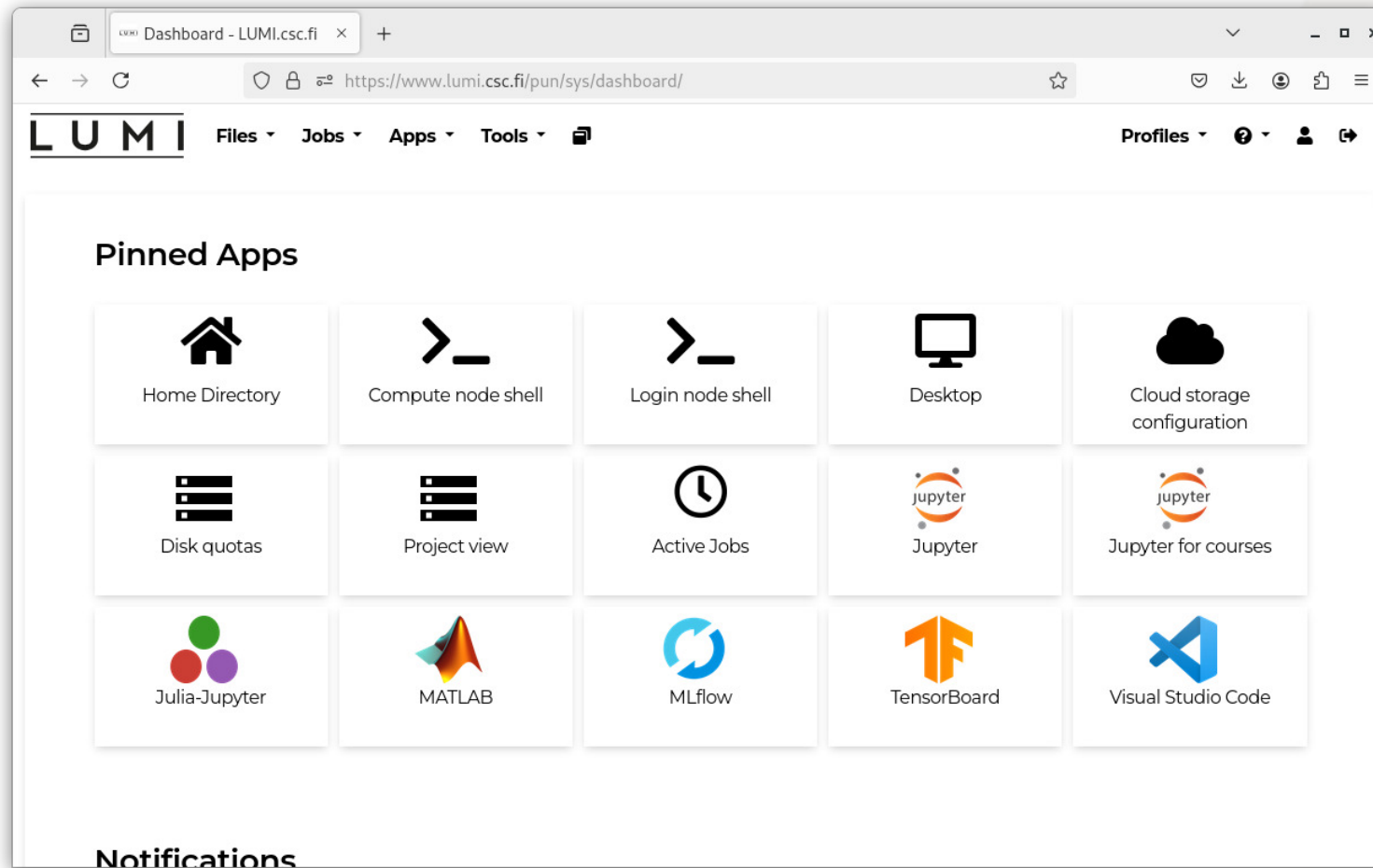
- 1) Open the email with the personal invitation link
- 2) Register MyAccessID following
<https://docs.lumi-supercomputer.eu/firststeps/accessLUMI/>



3) Open <https://www.lumi.csc.fi>, click “Go to login” → Select MyAccessID



- 4) If you get a screen like below, all is ready.
Wait for Wednesday for further instructions





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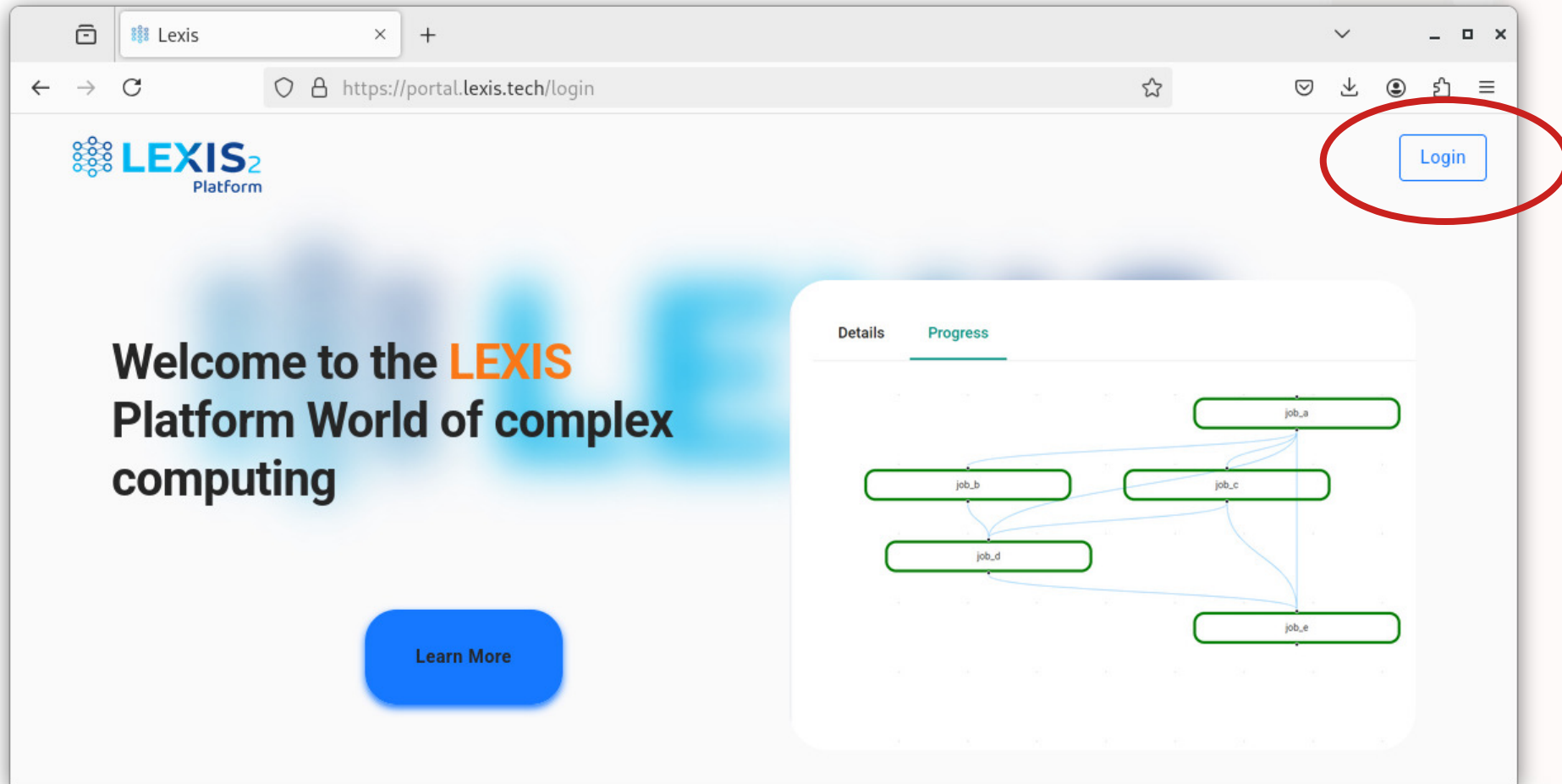
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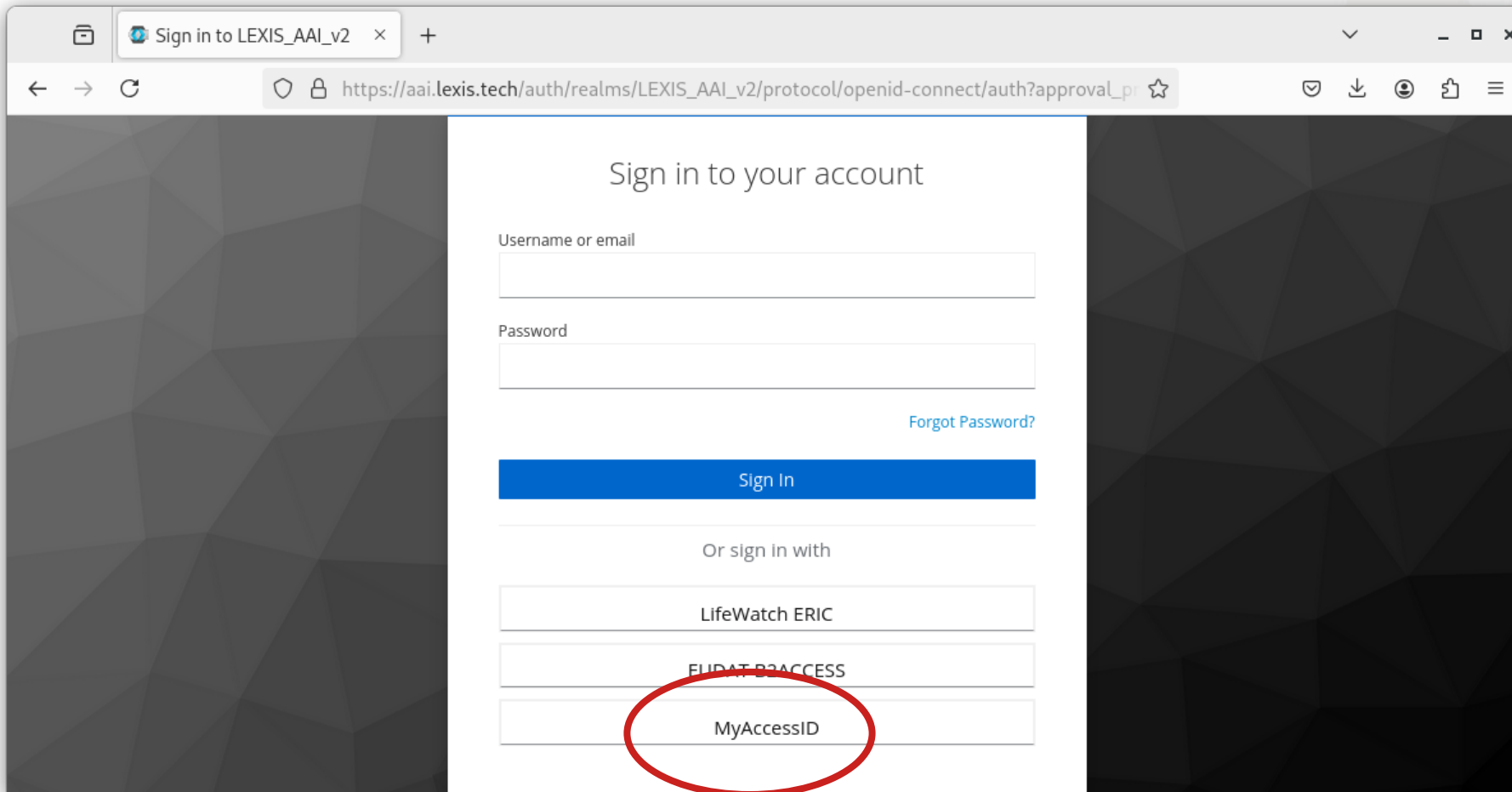
LEXIS Portal



1) Open <https://portal.lexis.tech>



2) Scroll down to MyAccessID



Sign in to LEXIS_AAI_v2

https://aai.lexis.tech/auth/realms/LEXIS_AAI_v2/protocol/openid-connect/auth?approval_pr

Sign in to your account

Username or email

Password

[Forgot Password?](#)

Sign In

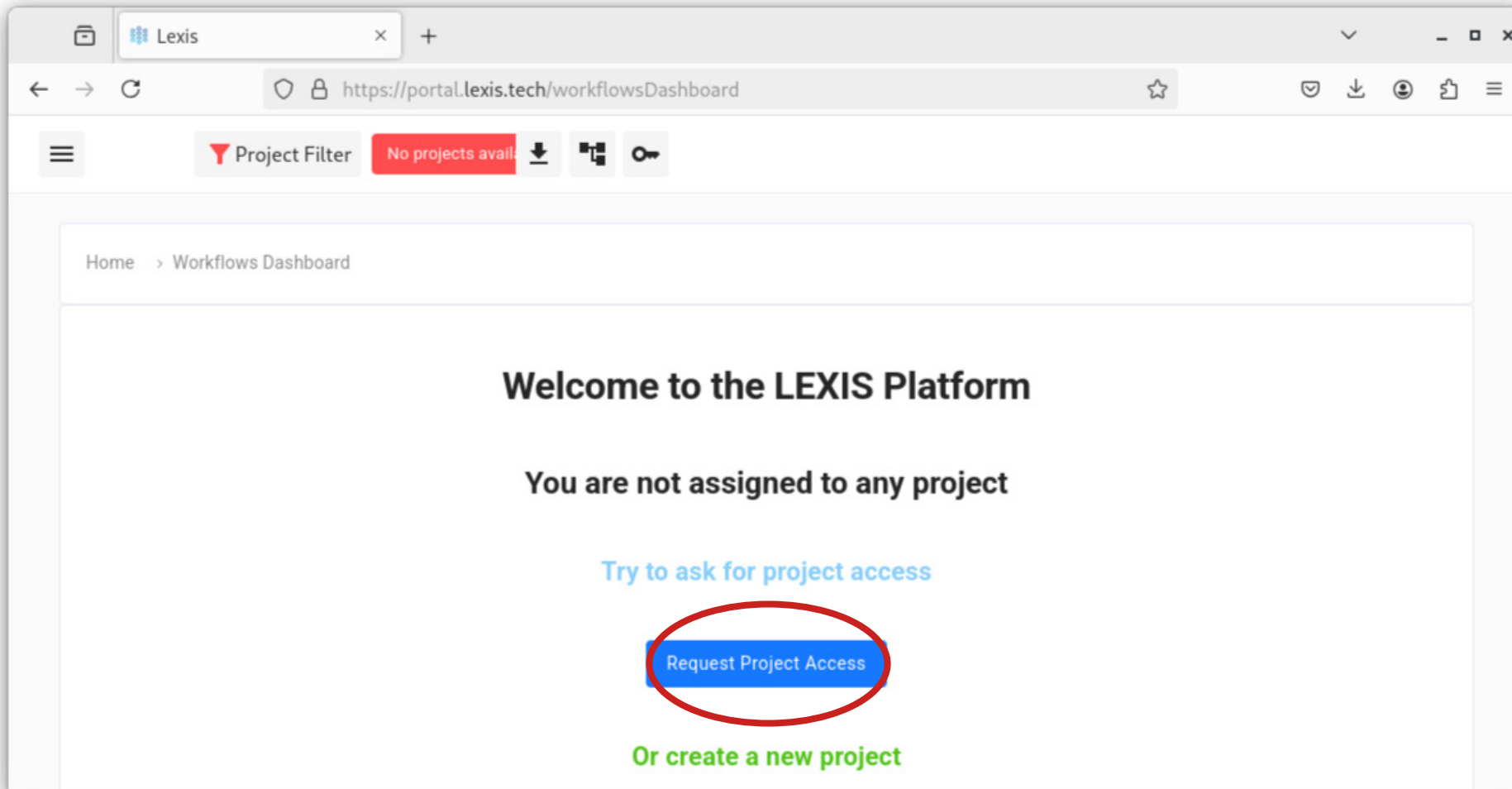
Or sign in with

LifeWatch ERIC

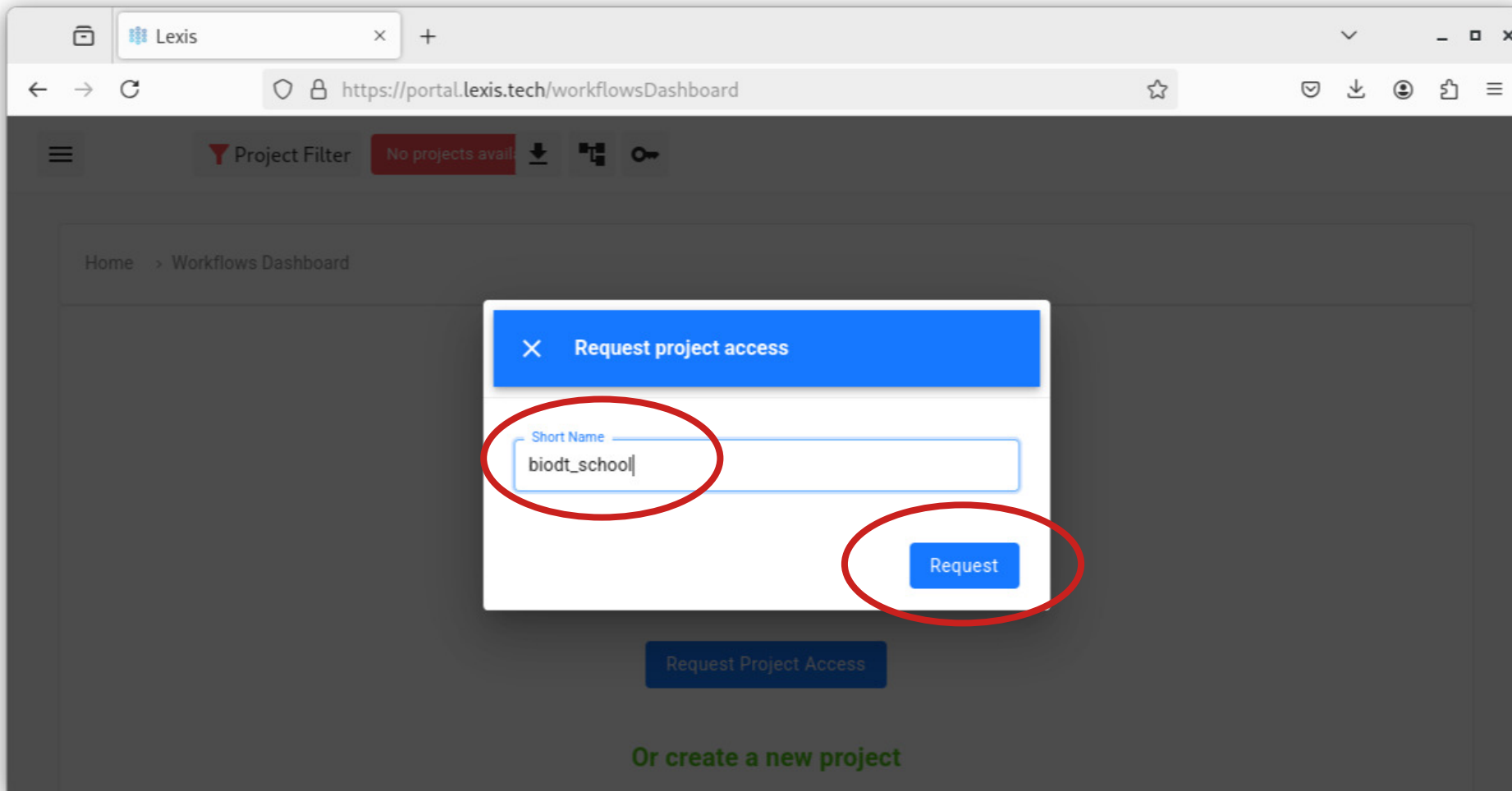
EUDAT-B2ACCESS

MyAccessID

3) Click “Request Project Access”



4) Type 'biodt_school' and click "Request"



Lexis

https://portal.lexis.tech/workflowsDashboard

Project Filter No projects available

Home > Workflows Dashboard

Request project access

Short Name

biodt_school

Request

Request Project Access

Or create a new project



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Lifewatch NaaVRE Open Lab



See separate slides





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