



BioReCer

Biological Resources Certifications Schemes



The BioReCer ICT Tool

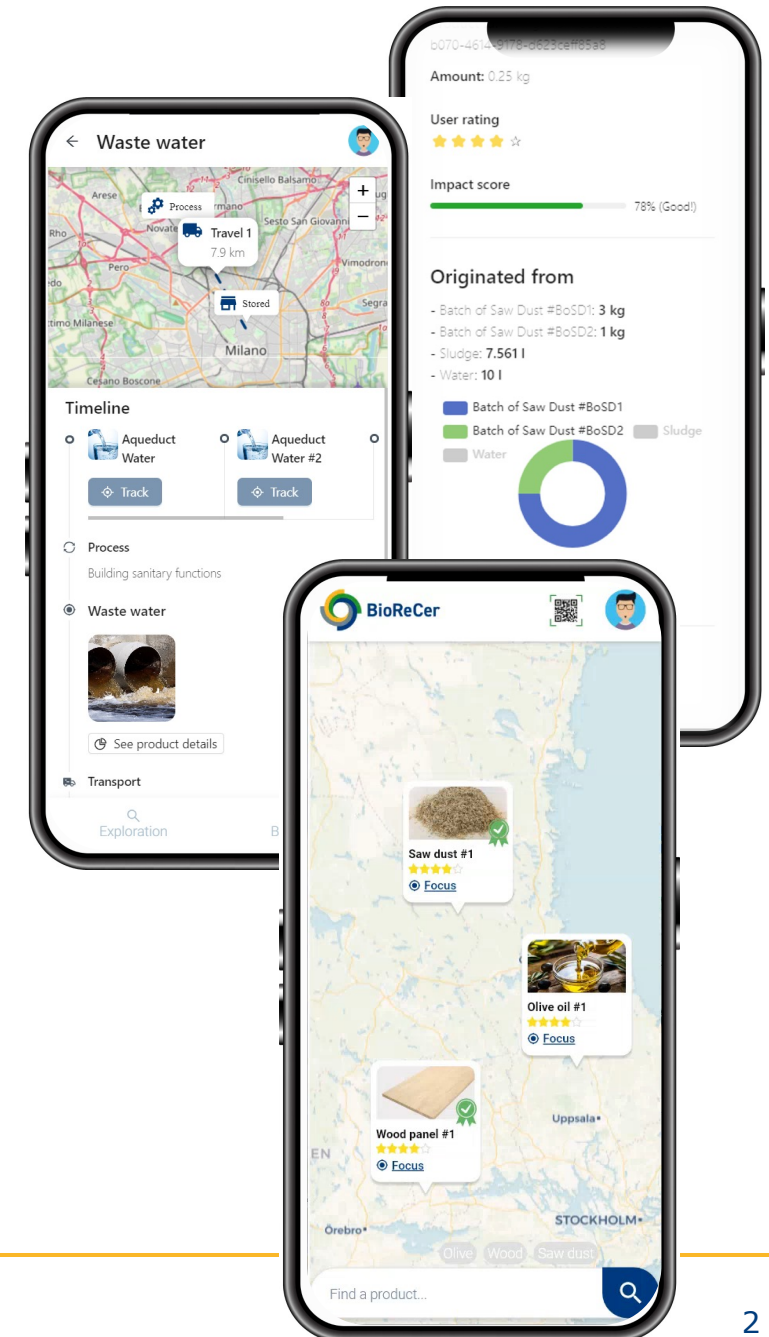
Stakeholders' event, Webinar, September 11th, 2025

EGM



The BioReCer ICT Tool

- A data platform, and a web application to support the project's needs and help reach its goals.
- An infrastructure based on Stellio context broker (NGSI-LD standard)
- A « mobile first » application designed for various users with different needs and expectations :
 - Certification bodies
 - Bio-producers
 - Bio-industry
- Still **work in progress**
 - Your feedback is important!



The BIT in 3 key modules



BitAdvisor (DSS)

- Self-assessment for businesses to evaluate their compliance with certification requirements
- Basic & Advanced



Products Search

- Supply chain exploration
- Tracking
- Digital Passport



Certifications

- Search for certifications & Standards
- Companies' requirement scores
- « Looking for Audit » signal

User Onboarding

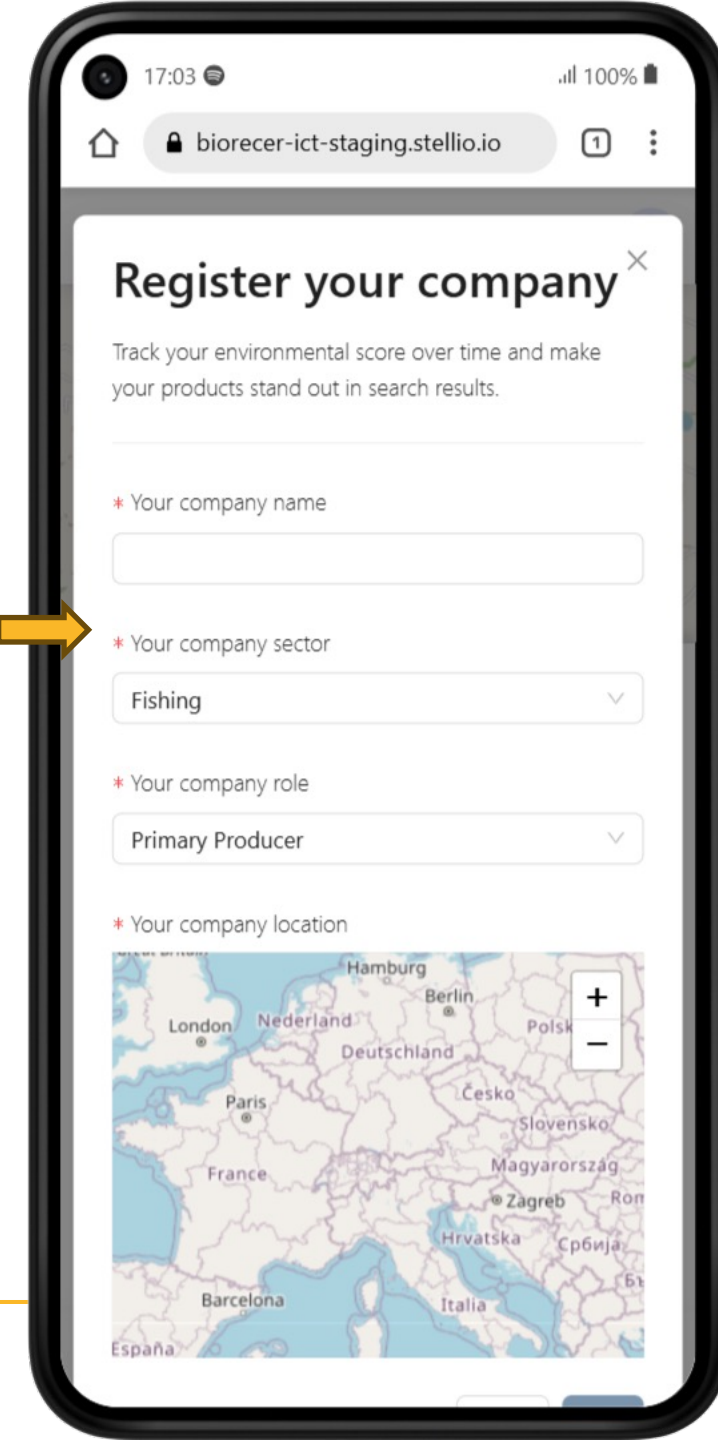
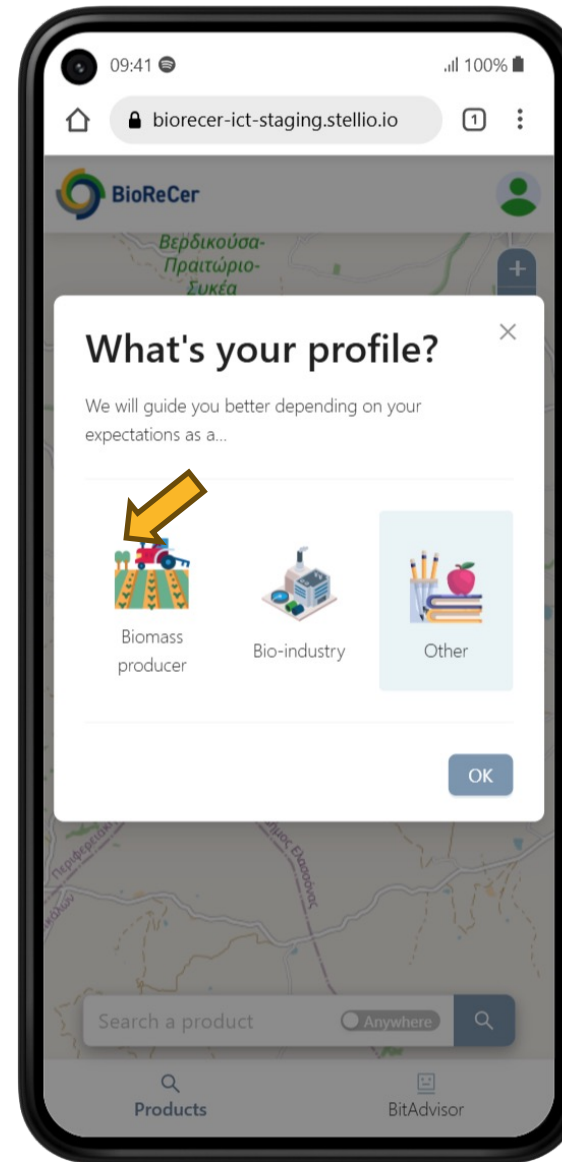
<https://biorecer-ict-staging.stellio.io/auth/login>



BitAdvisor (DSS)



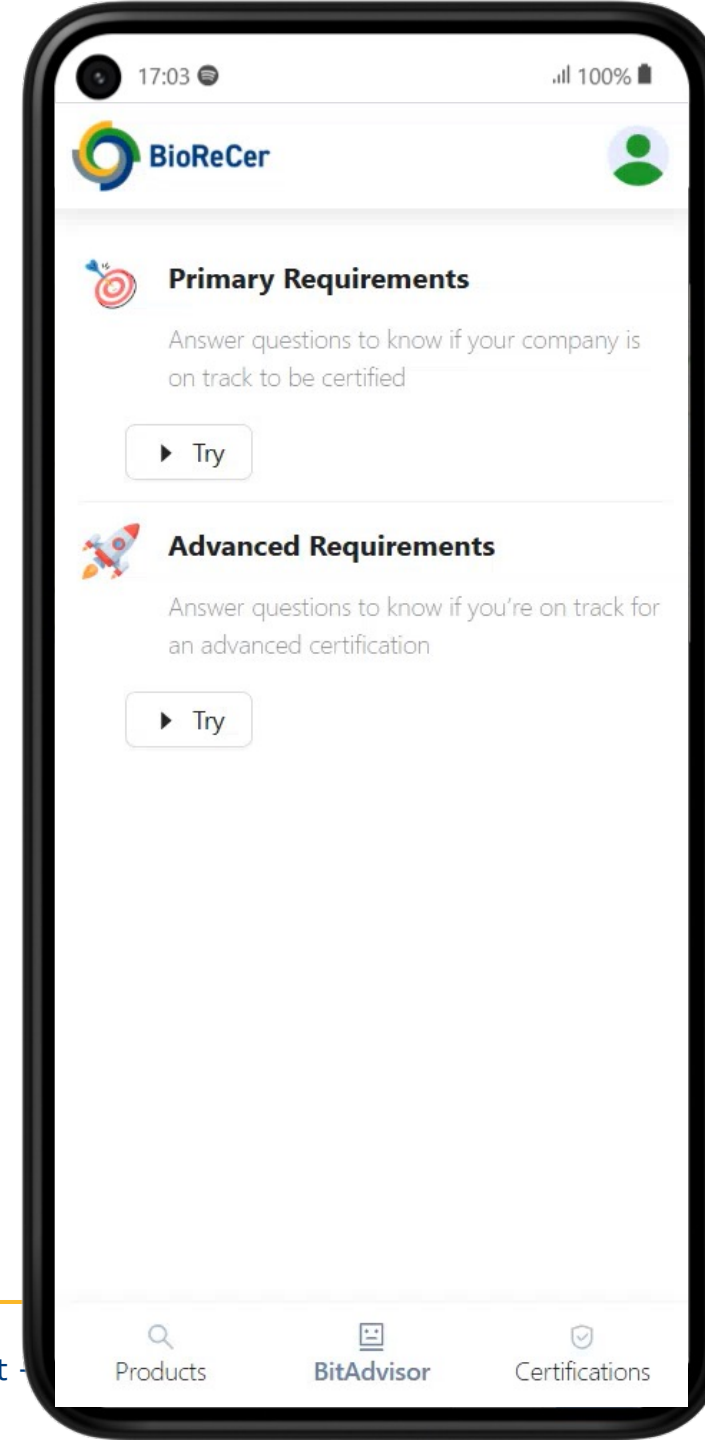
- Sector-specific decision-making support system for bioresources.
- Self-assessment for businesses to evaluate their compliance with certification requirements.
- Recommendations and guidelines to improve certification scores.
- Bioresource search based on performance scores.



BitAdvisor Demo



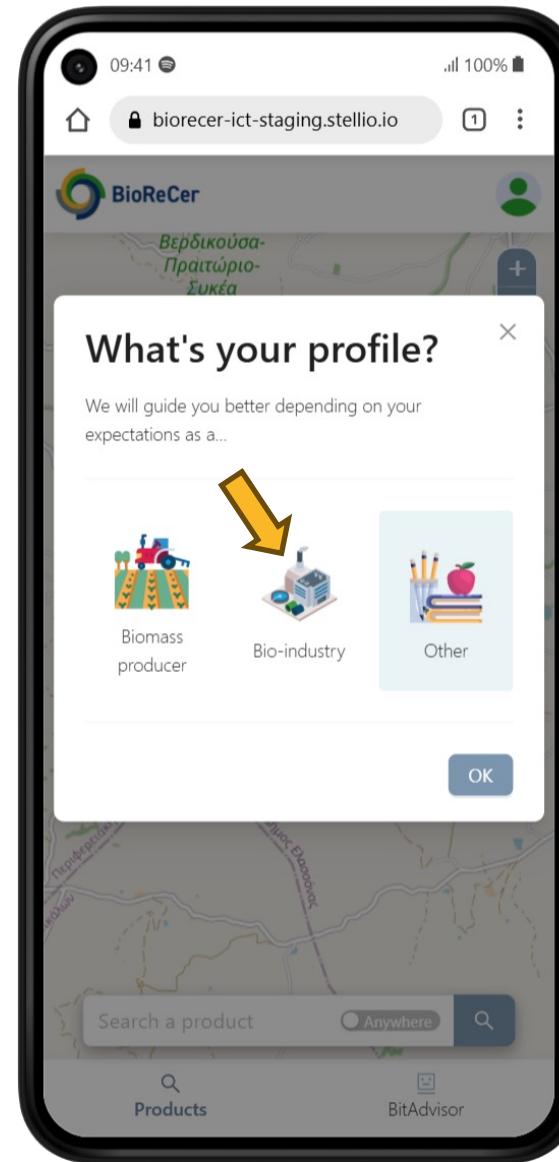
<https://biorecer-ict-staging.stellio.io/auth/bitAdvisor>
(Work in progress)



Products Search



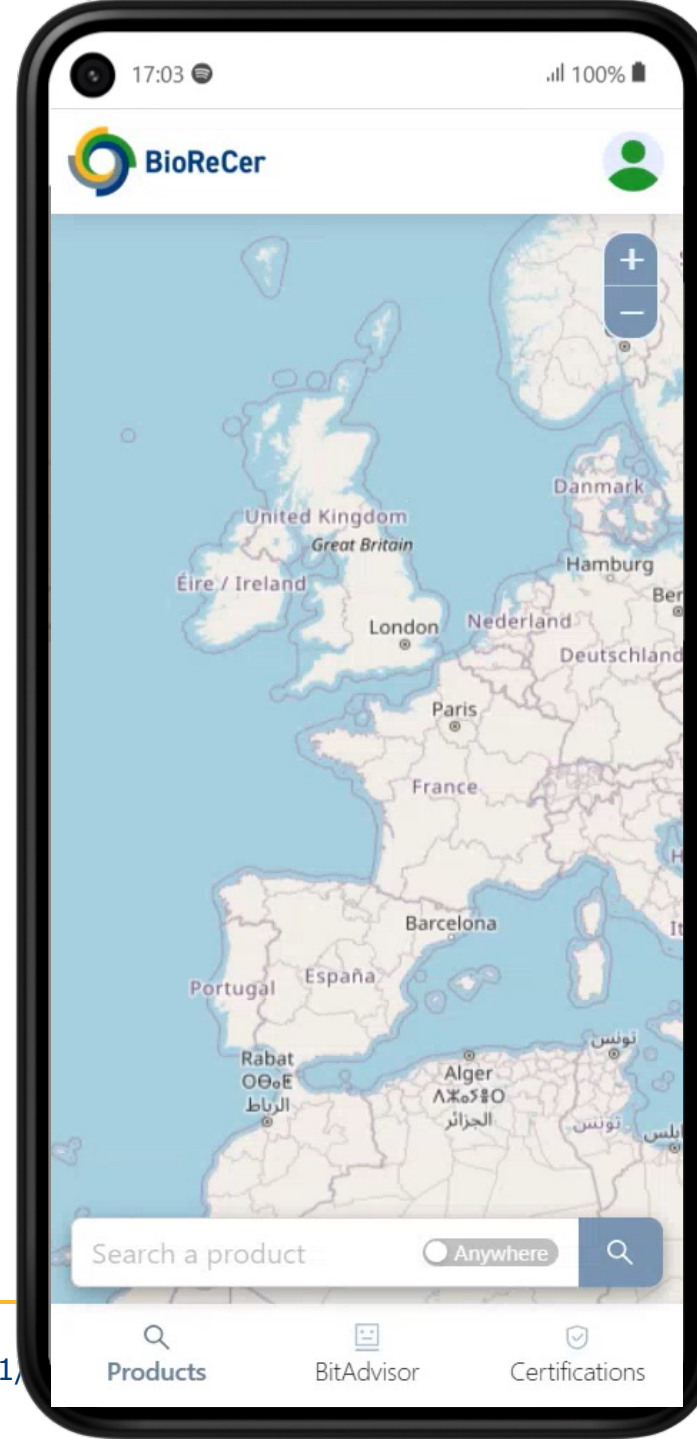
- Find products nearby and search by keywords
- Explore a supply chain
- Access the Digital Passport
 - Circularity Indicators
 - Products of origins
 - Certifications
 - Carbon footprints generated by the product itself and by input products
 - Hyper Spectral Imaging
 - Company requirement scores
 - ...



Products Search Demo



<https://biorecer-ict-staging.stellio.io/auth/search>
(Work in progress)



Certifications

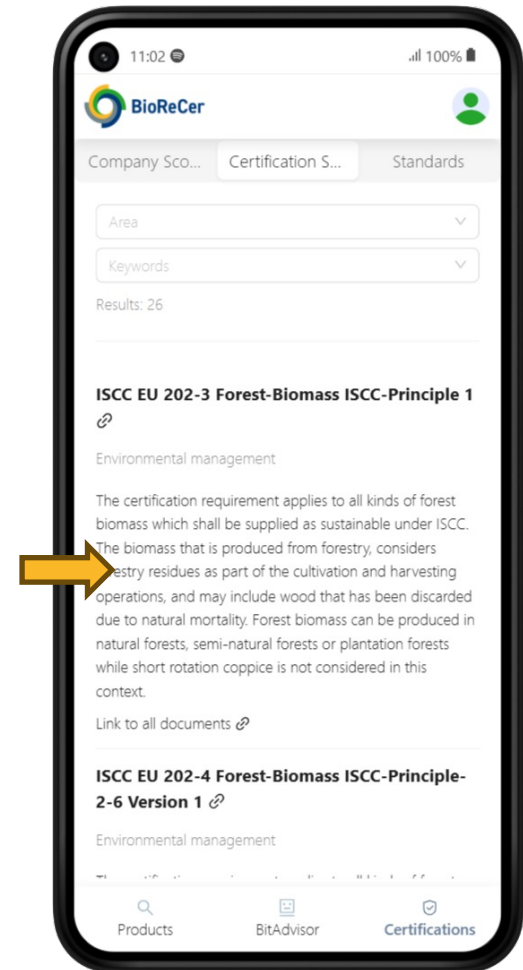
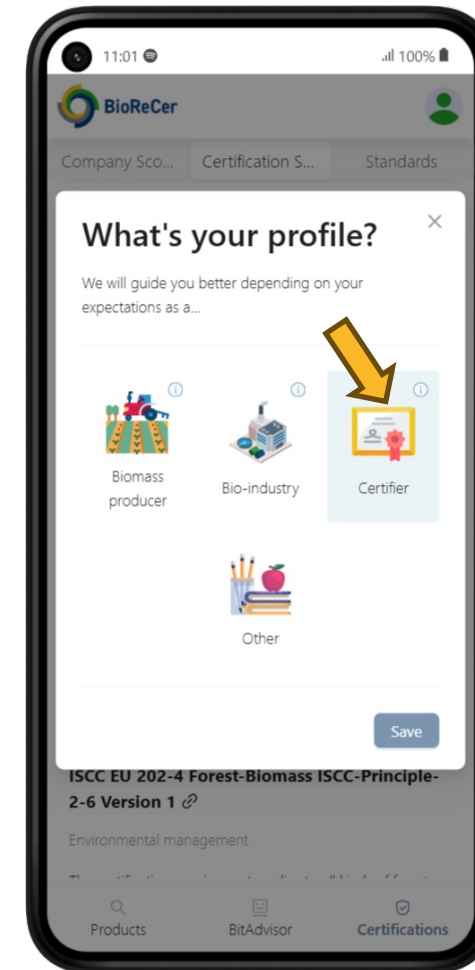


A guide to Bio-Based Standards and Certifications

A relevant selection for the bio-based sector
Explore with filters by area/scope and keywords
Easy access with direct links

List of companies by requirement scores

Signal: « Looking for Audit »

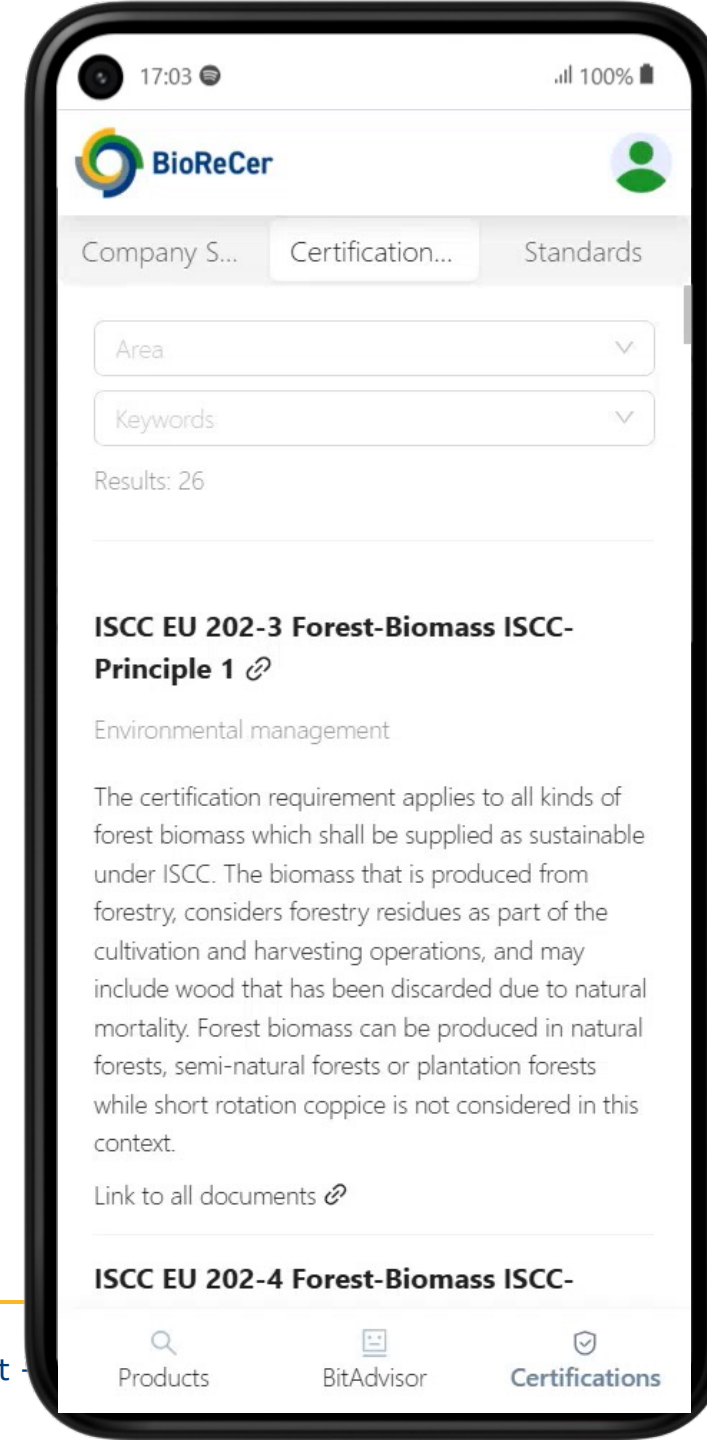


Certification Demo



<https://biorecer-ict-staging.stellio.io/auth/certifications>

(Work in progress)



Feeding the platform with data

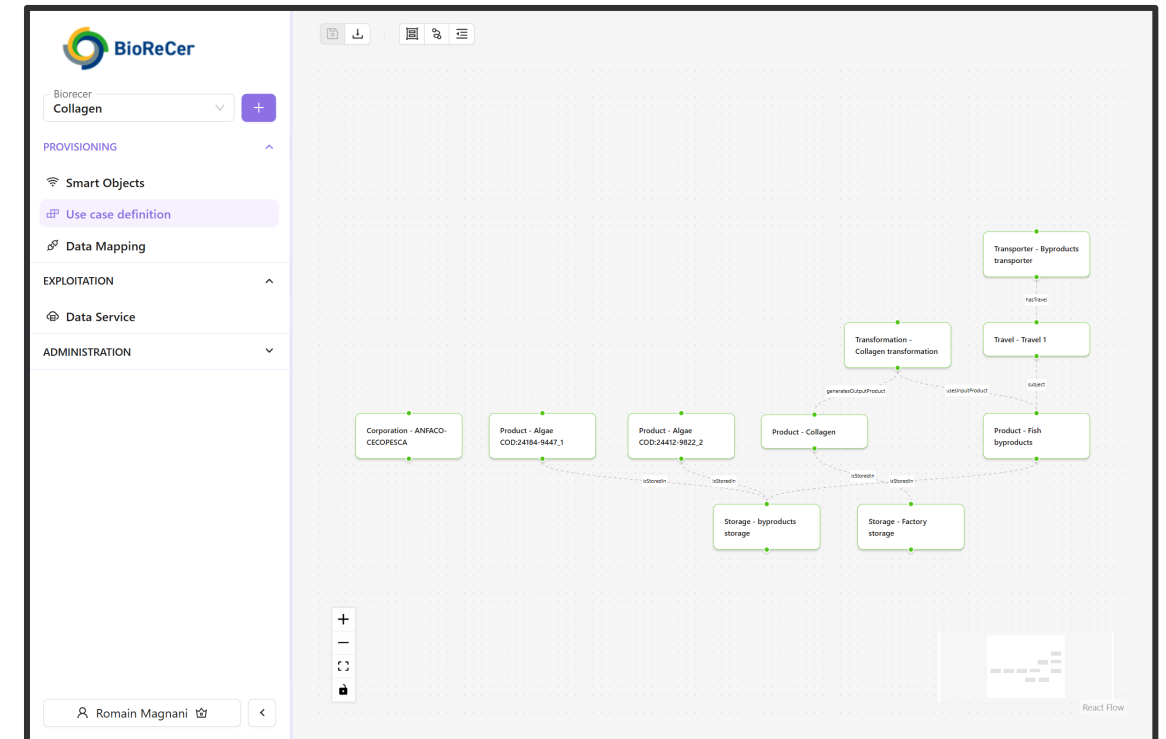
In BioReCer we are using an administration interface to manually add data to the platform (and update them)

But the platform is fully ready for automatization

IoT ready for ingestion but also with any other data sources: sensors/devices, external APIs, Excel sheets or even emails...

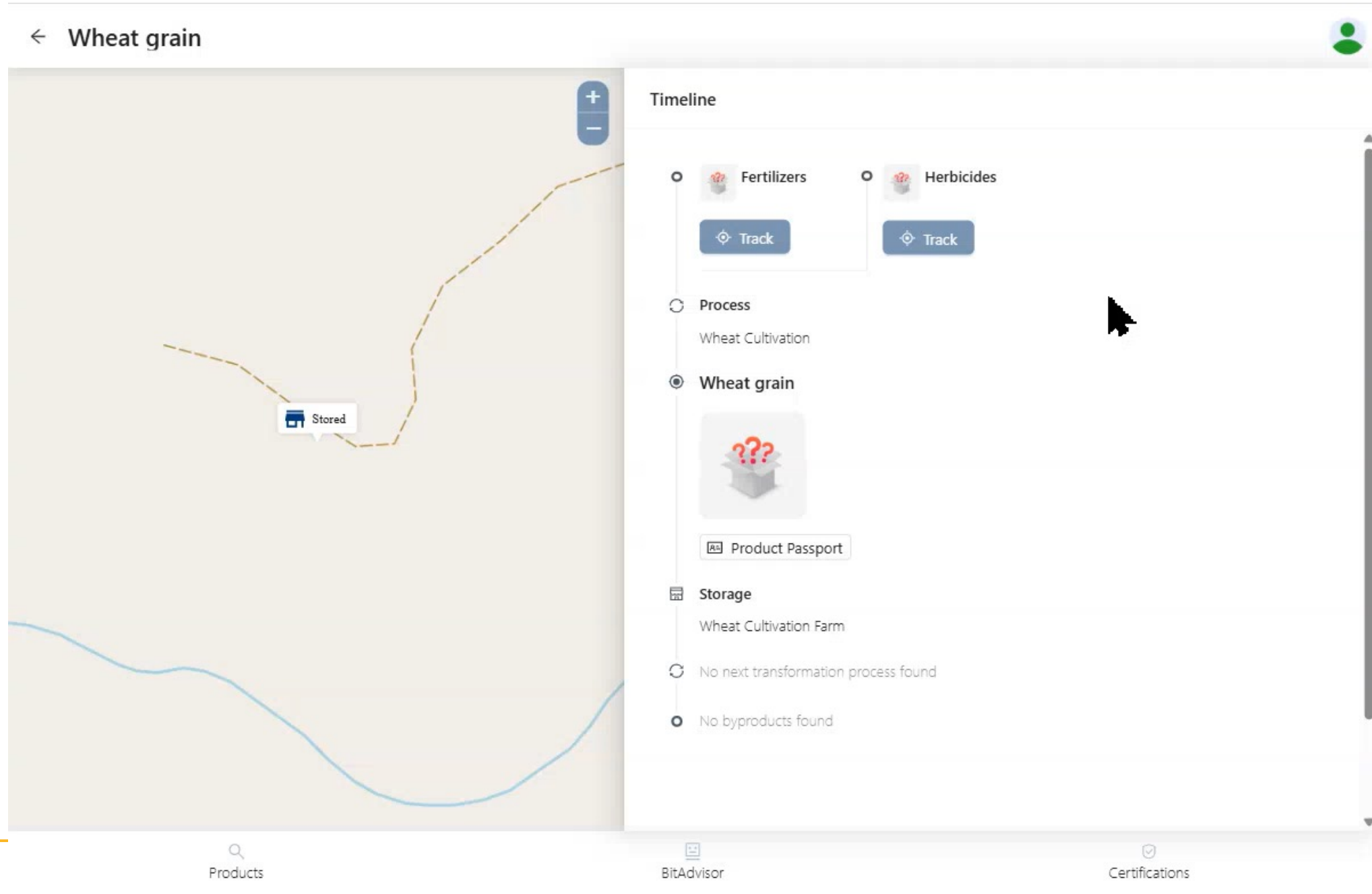
A powerful API (Stellio) is exposed for manipulating data dynamically

A subscription/notification system for auto update



Demo

Feeding the
platform



The BIT user manual in progress

What is BioReCer ICT tool ?

Key benefits for industry stakeholders

Security and confidentiality of data

Navigating the platform

- The BIT UI

- The Admin interface (Data input and management)

- Help & Tips

- FAQ



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Thank you for your attention!

