

**EnxylasScope**Transforming Xylans:
EnxylasScope's Latest Breakthroughs

A Successful Project Meeting in Trondheim

The EnxylasScope partners gathered in Trondheim for the M42 General Assembly meeting. This milestone showcased significant achievements across multiple work packages, including advancements in enzyme testing, application optimization, and sustainability assessments.

The key achievements that were discussed include:

- Testing enzymatically modified xylans for cosmetics, nutraceuticals, and personal care products.
- Developing innovative enzyme cocktails that synergize with industrial processes, offering greener solutions for food and cosmetic sectors.
- Progress in lifecycle sustainability tools (TEA, LCA, and social impact assessments) nearing final stages.



Author: Simone Balzer Le (SINTEF)

[Read more](#)

Advancements in our work

Innovation in Action: Unlocking the Potential of Xylan with Enzyme Cocktails

Our team is making breakthroughs in optimizing enzyme applications for diverse industrial uses. Find out more about how various sectors are going to benefit from the enzymatic modification of xylans:

Advancements on cosmetic and personal care applications.

[Read more](#)

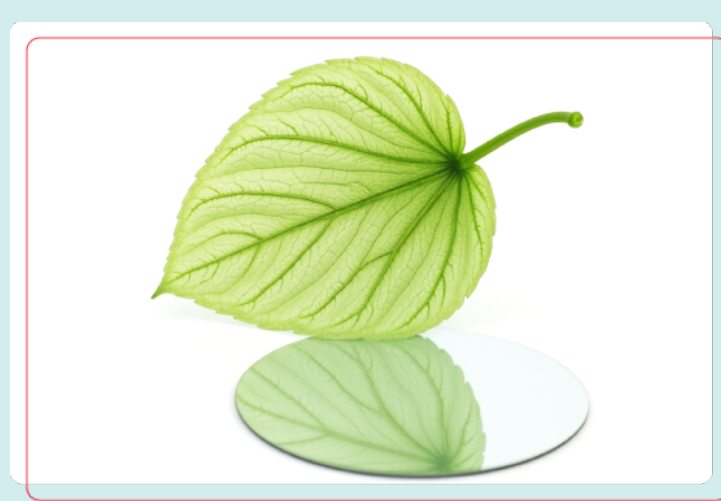
New public reports uploaded on the website!

Advancing our Research and Innovation, we have published two key deliverables analyzing the broader implications of enzyme-based xylan production. D7.4 explores the social implications, addressing regulatory frameworks, market perceptions, and societal benefits. Meanwhile, D7.3 assesses the environmental impact, highlighting sustainability advantages over conventional methods. While these reports are still pending review, they are openly available for reading, fostering knowledge exchange and synergies within the enzyme innovation community.



D7.4

Social Implications of Enzyme-Based Xylan Production

[Learn More](#)


D7.3

Environmental implications of an innovative enzyme-based process for the production of xylan products

[Learn More](#)

Accelerating to the Finish Line: Preparations for Market Launch

As the EnxylasScope project enters its final phase, preparations for scaling and market entry are in full swing. The consortium is actively addressing the challenges of transitioning from research to commercial implementation.

Author: Javier Pérez (AITIIP)

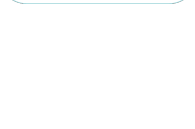
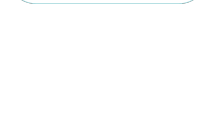
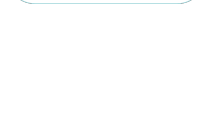
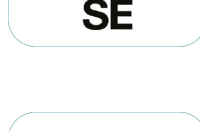
[Read more](#)

Did you know?

Enzymatically modified xylans are proving to be cost-competitive while offering superior sustainability and performance compared to traditional materials in cosmetics and food industries!



Partner organisations of the Enxylascope Project



more information at

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