



Scan the QR Code and learn more!

Spoke 7
Secondary agroindustry

Discover the 21 projects of Spoke 7 funded by the NODES cascade calls.

Spoke 7 Secondary agroindustry, will innovate the food system of Northwestern Italy, making companies more competitive in local, national and international markets.

Themes



Green food



Smart food



Healthy food



THE IMPACT ON OUR COUNTRY FROM THE NORTH-WEST TO THE SOUTH

NODES brings together the regions of **Piedmont, Valle d'Aosta** and the westernmost provinces of Lombardy: **Como, Varese and Pavia**. The available PNRR funds amount to over **112 million euros** and will be used to support sustainable and inclusive growth for Italy's **digital and ecological transition**, with positive impacts on the territory. The regions of **Southern Italy** (Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria, Sicily and Sardinia) will also benefit from these funds: **15 million euros** will in fact be dedicated to research activities and cascade funding for businesses in the South.

THE ECOSYSTEM OF DIGITAL AND SUSTAINABLE INNOVATION

NODES - Nord Ovest Digitale E Sostenibile - is **one of the 11 innovation ecosystems** identified by the Ministry of University and Research (MUR) within the framework of the NRRP (Decree No. 1054 of June 23, 2022).

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Spoke 7 coordinated by

Partners



Discover more on ecs-nodes.eu



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INNOVATION PoC industriali



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PoC industriali

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ADAM

Line A Call

Propose alternatives to plastic packaging without compromising food safety standards.



B4HOPES

Line A Call

Use blockchain technology to trace and certify the hop supply chain in beer production.



BDS-TOS

Line B Call

Implement ESG strategies required for the preparation of the sustainability report.



DigitalCert

Line B Call

Digitize the certification of products and food processing processes.



EASY-FERM

Line A Call

Develop and optimize a new method of sparkling wine production.



EcoDigInsect

Line A Call

Exploit mealworm larvae as a protein source for pig feed.



ESAC

Line A Call

Develop an extraction process from plant waste matrices using subcritical water without organic solvents.



ESGANALYTICS

Line B Call

Implement corporate business analytics for monitoring and communicating sustainability.



GRE.CA.M

Line A Call

Obtain a new final food product from the transformation of agri-food industry waste.



H2P-FOODS

Line A Call

Use high hydrostatic pressure pasteurization to extend the shelf life of food products.



PINPOINT

Line A Call

Increase the efficiency and effectiveness of crop breeding programs by validating an innovative genotyping protocol.



REBYKE

Line B Call

Develop plant-based beverages and creams containing agri-food byproducts.



HBP

Line A Call

Revolutionize the hot beverage industry by transforming infusions into espresso-style drinks.



Hubbuffate

Line B Call

Develop a prototype of a digital platform for farms engaged in social agriculture.



S-O3-SDairy

Line A Call

Propose a gaseous ozone sanitization system for a sustainable and digital dairy facility.



UOVO CIRCOLARE

Line A Call

Utilize black soldier fly larvae as a sustainable protein source for laying hen feed.



IMPLEMENTO

Line B Call

Plan the implementation of MES and the interconnection of production machines.



INOQIT

Line B Call

Design and implement a new enterprise IT system that allows easier and more secure access to data for all stakeholders.



VITAE

Line A Call

Introduce innovative processes, models, and digital solutions to address the socioeconomic challenges of the wine sector in Langhe and Roero.



LORAWINE

Line A Call

Trace the entire production and processing chain of Piedmontese wine products.



MICENE

Line A - Mezzogiorno

Automate and industrialize the process of separating dough sheets in the production of traditional Sardinian breads.

