

[International Open Innovation Program in Italy seeks business and research organisations offering technological solutions regarding data collection, analytics & traceability for the ecological transition](#)

1. Data and information to train a process optimization software
2. Real-time and predictive crop analysis systems
3. Solutions for embedding AI algorithms in vehicles for anomaly detection
4. Methodologies or tools to measure the carbon footprint of buildings
5. Solution for underground infrastructure mapping and analysis
6. Methodologies and analyses to launch Digital Product Passport
7. Methodologies or technologies to measure the carbon footprint of palm oil production
8. Technologies and tools for ensuring traceability in automotive parts sourcing
9. Software for data analysis and harmonization suitable for SMEs

[International Open Innovation Program in Italy seeks business/research organisations offering technological solutions regarding manufacturing methods and industrial optimization to achieve climate change mitigation and the conservation of natural resource](#)

10. Solutions for automating sugar beet transplant processes
11. Sustainable solutions for disposable medical devices in advanced wound care treatment
12. Solutions to merge steel and titanium for automotive exhaust pipes production
13. Innovative methods or technologies for surface treatments of medical filters
14. Sustainable sound-absorbing materials for noise reduction in industrial machinery
15. Innovative durable and hard materials for steel cutting

[International Open Innovation Program in Italy seeks business and research organisations offering technological solutions regarding sustainable materials, products and processes to achieve climate change mitigation and the conservation of natural resource](#)

16. Methodologies and tools for reusing pharmaceutical plastic waste materials
17. Powder solution to absorb liquids
18. Sustainable materials for tunnel excavation operations
19. Solutions for purifying and reusing wastewater from milk production processes
20. Solutions to achieve high barrier performance for cellulose-based packaging
21. Materials and methodologies for compostable wood packaging suitable for food contact
22. Materials, methodologies and technologies for sustainable packaging
23. Methodologies, tools and materials for sustainable packaging of industrial components

[International Open Innovation Program in Italy seeks business and research organisations offering technological solutions regarding green energy and biodiversity to achieve climate change mitigation and the conservation of natural resources](#)

25. Methodologies and tools for measuring biodiversity in agricultural soil
26. Regulations and requirements analysis on Renewable Energy Communities (RECs) in Italy
27. Methodologies for extracting hydrogen from foodservice industry wastewater
28. Affordable solutions for refining and purifying biomethane used as an energy source
29. Smart systems for underwater animal capture
30. Energy capture and storage solutions for machinery hydraulic systems
31. Solutions to monitor fishing trajectories underwater

Who can apply?

Any business or research organisations with a solution or know-how compliant with the challenges and with a minimum TRL of 3. The applicants should be from any of the Enterprise Europe Network countries.

During registration, interested applicants will be asked to select one challenge that corresponds with this technology request profile.