

Horizon Europe RIVCircular Call 5: formed consortium led by a public authority seeks digital circular economy partner

Summary

Profile type

Research & Development Request Greece

Company's country

POD reference

RDRGR20260707018

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

- France
- Austria
- Norway
- Spain

Contact Person

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Term of validity

7 Jul 2026
7 Jul 2027

Last update

7 Jul 2026

General Information

Short summary

A formed Greek-led consortium coordinated by a public authority is preparing a proposal under RIVCircular Call 5 – Digital solutions for circular economy. The project aims to demonstrate digital tools for circular resource management, traceability and data-driven decision-making in agri-food value chains. The consortium seeks an additional partner with expertise in AI, IoT, data interoperability or circular economy pilots.

Full description

The project will address the need for practical digital solutions that help farms, producer groups, agri-food companies, advisors and public stakeholders improve circular resource management. The proposed solution will support the monitoring and optimisation of resource flows, including agricultural inputs, by-products, waste streams, water, energy and environmental performance indicators. The objective is to demonstrate how digital tools can support circular economy decisions in agri-food systems, reduce inefficiencies, improve traceability and facilitate the adoption of more sustainable production and advisory models.

The consortium intends to develop and demonstrate a digital solution at TRL 6–8, in line with the RIVCircular call requirements. The solution may combine data analytics, artificial intelligence, IoT-enabled monitoring, interoperability mechanisms and user-oriented decision-support functionalities. The project will include pilot and validation activities in relevant operational environments, with the aim of testing the technical performance, usability, transferability and circular economy impact of the proposed approach.

Advantages and innovations

The project builds on a formed consortium coordinated by a public body, combining institutional capacity, sectoral knowledge and digital agriculture expertise. This structure supports the development of a solution that is not only technologically relevant, but also aligned with public policy needs, regional circular economy priorities and the practical requirements of agri-food stakeholders.

The innovation lies in adapting digital agriculture and environmental decision-support tools to circular economy objectives. The proposed solution will support better monitoring of resource use, early identification of inefficiencies, improved traceability of material and resource flows, and more informed decision-making by farmers, advisors, agri-food organisations and public stakeholders.

The project will also contribute to the deployment of AI, IoT, data analytics and interoperable digital tools in real-life circular economy contexts. By testing the solution in different regional environments, the consortium aims to demonstrate its transferability and potential for wider replication across European agri-food and circular economy ecosystems.

Technical specification or expertise sought

The consortium seeks a partner with expertise in one or more of the following areas:

Digital circular economy platforms; AI and machine learning for resource optimisation; IoT monitoring systems; data interoperability; blockchain or other traceability technologies; environmental footprint assessment; life-cycle thinking; circular economy indicators; agri-food waste and by-product valorisation; digital product or resource passports; cybersecurity for data platforms; pilot testing and validation in agricultural, agri-food or circular economy environments.

The partner should be able to contribute to a TRL 6–8 innovation project and provide technical knowledge, pilot access, datasets, user communities, validation methodology, replication capacity or exploitation support.

Stage of development

Available for demonstration

Sustainable Development goals

- **Goal 2: Zero Hunger**
- **Goal 6: Clean Water and Sanitation**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 17: Partnerships to achieve the Goal**
- **Goal 8: Decent Work and Economic Growth**
- **Goal 15: Life on Land**
- **Goal 13: Climate Action**
- **Goal 12: Responsible Consumption and Production**

IPR Status

Secret know-how

IPR Notes

IPR Notes

Partner Sought

Expected role of the partner

The consortium is already formed and will be coordinated by a public body. It is seeking one additional eligible partner from a RIVCircular participating territory to strengthen the proposal under Topic 5: Digital solutions for circular economy.

The sought partner is expected to contribute specific technical, pilot or validation expertise related to digital circular economy solutions. The partner may act as a technology provider, pilot owner, research and validation partner, circular economy expert, data interoperability specialist, environmental assessment expert or exploitation and replication partner.

Indicative tasks may include:

Developing or integrating digital components based on AI, IoT, data analytics, blockchain or interoperable data platforms; providing access to a relevant pilot environment; supporting the definition of circular economy indicators and KPIs; validating the technical and environmental performance of the solution; contributing to data governance, cybersecurity and interoperability; supporting dissemination, exploitation and market replication activities.

The partner should be ready to contribute to the preparation of the final proposal, including the definition of work packages, deliverables, milestones, budget, risks, KPIs and exploitation strategy. The cooperation will be implemented through a research and development cooperation agreement.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 11-49**
- **R&D Institution**
- **SME <=10**
- **SME 50 - 249**
- **University**
- **Big company**

Call Details

Framework program

Horizon Europe

Call title and identifier

RIVCircular Open Call – Topic 5: Digital solutions for circular economy; Grant Agreement 101161013, HORIZON-EIE-2023-CONNECT-03

Submission and evaluation scheme

Single-stage submission. Evaluation criteria: Excellence 30%, Impact 40%, Quality and efficiency of implementation 30%.

Anticipated project budget

EUR 200,000–700,000

Coordinator required

No

Deadline for EoI

31 Jul 2026

Deadline of the call

17 Sep 2026

Project duration in weeks

104

Web link to the call

<https://www.rivcircular.eu/call/>

Project title and acronym

CIRCULAR-AGRODATA – Digital tools for circular resource management in agri-food value chains

Dissemination

Technology keywords

Market keywords

- **09005 - Agriculture, Forestry, Fishing, Animal Husbandry & Related Products**
- **02007002 - Database and file management**
- **02007004 - Program development tools/languages**
- **02007001 - Systems software**
- **02007003 - Operating systems and utilities**

Targeted countries

Sector groups involved

- **France**
- **Austria**
- **Norway**
- **Spain**