

iCOSHELLS announces Open Call winners: 13 innovators to boost soil health across Europe

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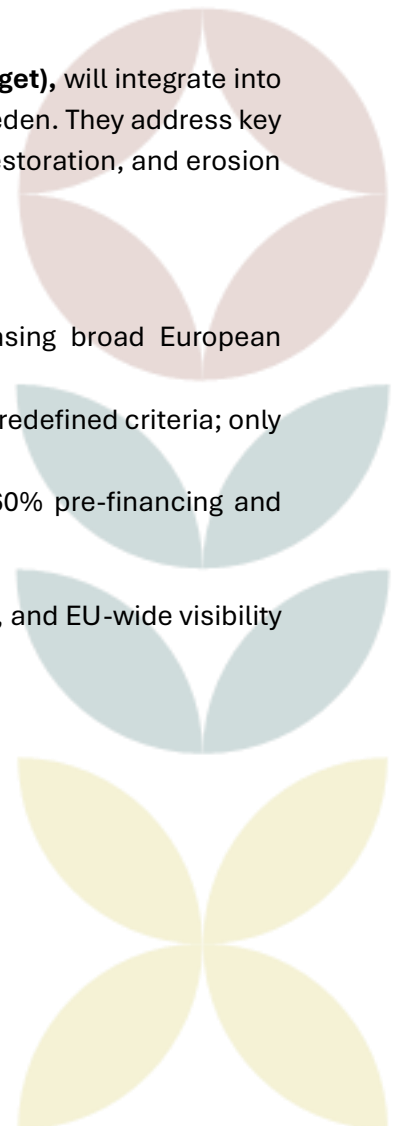
The **iCOSHELLS project**, funded by the European Union’s Horizon Europe Programme and part of the EU Mission “A Soil Deal for Europe”, is thrilled to announce the results of its Open Call. Following a robust evaluation process, **13 innovative prototypes** have been selected from **148 eligible proposals** submitted by applicants **across 23 countries**.

These winning projects, allocated **€899,478.80 (>99% of the available FSTP budget)**, will integrate into our **six Living Labs** in the Basque Country, Bulgaria, Greece, Italy, Spain, and Sweden. They address key regional challenges like soil structure improvement, salinity reduction, circular restoration, and erosion control, becoming full network members for co-creation and real-life testing.

Key Highlights

- **Exceptional participation:** 148 proposals from 23 countries, showcasing broad European interest and diverse solutions.
- **Transparent evaluation:** Independent internal/external assessors used predefined criteria; only 32 proposals needed consensus.
- **Efficient funding:** Lump-sum grants up to **€75,000 per project**, with 60% pre-financing and structured contracting for accountability.

Selected beneficiaries gain financial support, Living Lab access, expert coaching, and EU-wide visibility to validate soil restoration innovations.



Open Call Winners

| Project title (Acronym) | Legal name | Legal status | Country | Project Budget (EUR) | Total score |
|--|--|--------------|-------------|----------------------|-------------|
| SWE LL | | | | | |
| Field-testing mineral-interface sampling probes (MISPs) to quantify early accrual of mineral-associated organic matter (MAOM) carbon stocks following soil restoration (MAOM-TRACK) | Lunds Universitet | Academic | Sweden | 75,000.00 | 22.68 |
| Field-Scale Aerobic Composting as a Soil Health (FASST-Soil) | Mossagården Eko AB | SME | Sweden | 75,000.00 | 22.40 |
| GREENNOMED | | | | | |
| Innovative Real-Time Monitoring & Decision Support Services For Soil Health, Salinity And Irrigation Optimization (SENSE4SOIL) | Odin Solutions, S.L. | SME | Spain | 72,058.80 | 25.53 |
| Mobile Pyrolysis for Regenerative Agriculture: On-site Biochar and Wood Vinegar Production to Enhance Soil Health (MOBIGEN) | Beaver Nexus B.V | SME | Netherlands | 50,000.00 | 23.15 |
| Soil Living Pack – SALT edition (SLP-SALT) | Clean-Biotec S.L. | SME | Spain | 29,000.00 | 22.68 |
| BASQUE LL | | | | | |
| Risk-Controlled Algae Blends and Encapsulated Bio-Solutions to Restore Soil Functions in the Urdaibai Living Lab (ALGA-SOIL BLOOM) | Algaloop S.L.U. | SME | Spain | 74,500.00 | 22.83 |
| Amendment of contaminated soils with bio-based materials (ABBA) | Università degli Studi di Milano – Bicocca | Academic | Italy | 75,000.00 | 22.78 |
| ITA LL | | | | | |
| A multimodal approach for water and carbon monitoring in vineyards (iCOVINE) | Fondazione Riccagioia 5.0 | Academic | Italy | 74,120.00 | 22.48 |

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|---|--|-----------------------|----------|----------------------|-------------|
| Drought-Resilient Successional Agroforestry Systems (DRY-SAF) | Soulfood Forestfarms Hub Italia - Impresa Sociale Srl | SME | Italy | 74,800.00 | 22.15 |
| GREEK LL | | | | | |
| Decontamination with Materials for Ecological Transition and Enhanced Restoration (DE-METE-R) | Ethniko Kentro Erevnas Kai Technologikis Anaptyxis (CERTH) | Research organisation | Greece | 75,000.00 | 24.88 |
| Enhanced Phytoremediation with airNBs, PGPR and Organic Acids: Restoring Mine Soils and Circular Valorization (NanoPhyto) | CHQ Technologies P.C. | SME | Greece | 75,000.00 | 24.30 |
| BUV LL | | | | | |
| An agro-textile delivery platform for soil biosolutions (MatSHELL) | Yphen SAS | SME | France | 75,000.00 | 22.55 |
| Integrated technology solution for automated sensor-based irrigation and precise fertigation, NDVI-based monitoring and AI-based analyses (SCALE FARM) | Bi El Agro | SME | Bulgaria | 75,000.00 | 22.05 |

Next Steps

Funded projects start April-May 2026. Full details on winners, evaluation process, and integration plans are documented for transparency per Horizon Europe standards. By scaling cascade funding and stakeholder co-creation, iCOSHELLS accelerates practical soil health solutions toward the 2030 restoration goals. Learn more at [iCOSHELLS project website](https://www.icoshells.eu).

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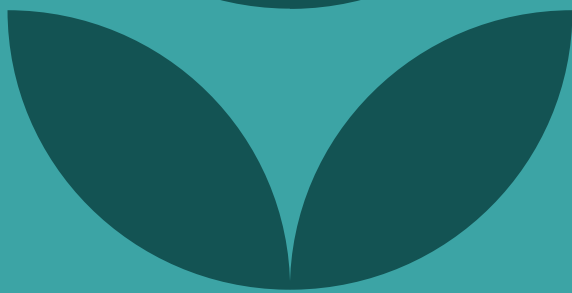
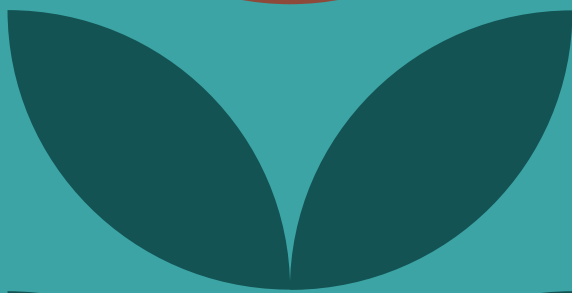
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Keywords

Soil health, soil restoration, living labs, real world testing, stakeholder co-creation, soil policy, open call results, soil innovation, Horizon Europe, Soil Mission.

Project data

- Grant agreement ID: [101157394](#)
- Topic ID: HORIZON-MISS-2023-SOIL-01-08 - Co-creating solutions for soil health in Living Labs
- EU contribution: € 11,999,872.50
- Consortium partners: RISE RESEARCH INSTITUTES OF SWEDEN; CSCP COLLABORATING CENTRE ON SUSTAINABLE CONSUMPTION AND PRODUCTION; ASOCIACION EMPRESARIAL CENTRO TECNOLOGICO DE LA ENERGIA Y DEL MEDIO AMBIENTE DE LA REGION DE MURCIA; ZABALA INNOVATION CONSULTING SA; IFAU APS; LEIBNIZ-INSTITUT FUR AGRARTECHNIK UND BIOKONOMIE EV; Greenovate! Europe; ASOCIACION DE INDUSTRIAS DE CONOCIMIENTO Y TECNOLOGIA - GAIA - EUSKALHERRIKO EZAGUTZA ETA TEKNOLOGIA INDUSTRIEN ELKARTEA; Cluster of Bioeconomy and Environment of Western Macedonia (CLuBE); ISTITUTO DI STUDI PER L'INTEGRAZIONE DEI SISTEMI (I.S.I.S) - SOCIETA'COOPERATIVA; AGRAREN UNIVERSITET – PLOVDIV; UNIVERSIDAD POLITECNICA DE MADRID; AGROBIGDATE SOLUTIONS; HS KONSULT AB; SVERIGES LANTBRUKSUNIVERSITET; AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS; INSTITUTO MURCIANO DE INVESTIGACION Y DESARROLLO AGRARIO Y MEDIOAMBIENTAL (IMIDA); FUNDACION GRUPO CAJAMAR; ESKILARA S KOOP TXIKIA; EUSKAMPUS FUNDAZIOA; OBISPADO DE BILBAO; INNOVATEKBI KREA SOCIEDAD LIMITADA; AYUNTAMIENTO DE FORUA: ANONYMI ETAIREIA DIACHEIRISIS APORRIMMATON PER DYTIKIS MAKEDONIAS; PANEPISTIMIO THESSALIAS; NEA GEORGIA NEA GENIA ASTIKI MI KERDOSKOPIKI ETAIRIA; UNIVERSITA DEGLI STUDI DI TRENTO; COMUNE DI OPPEANO; RUMA S.R.L. SOCIETA BENEFIT; INNOVHUB - STAZIONI SPERIMENTALI PER L'INDUSTRIA SRL; CONSORZIO VOLONTARIO PER LA TUTELA DEI VINI CON DENOMINAZIONE FRANCIACORTA E SEBINO; POLITECNICO DI MILANO; PARCO REGIONALE DEL MINCIO; UNIVERSITA CATTOLICA DEL SACRO CUORE; UNIVERSITA DEGLI STUDI DI MILANO; STATENS VETERINAERMEDICINSKA ANSTALT; Lantbrukarnas Riksförbund; IDEELLA FORENINGEN ODLING I BALANS MED FIRMA ODLING I BALANS; NATIONAL AGRICULTURAL ADVISORY SERVICE
- Communication Channels: [Website](#) and [LinkedIn page](#)



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