

RCR INNOVATIVE LABS

PARTNER IDENTIFICATION FORM

Organisational Profile, Operational Capacity
and Cooperation Proposal

ERASMUS+ ORGANISATION STATUS

Organisation registered in the Erasmus+ Organisation Registration System. OID: E10429929. Status: NA
Certified - organisation data and supporting documents validated by the competent National Agency.

**Education • STEAM • Digital Fabrication • Inclusion
Environmental Innovation • European Cooperation**

RCR Innovative Labs ETS APS
Campagna (SA), Italy
August 2026

1. Organisation identification

Legal name	RCR Innovative Labs ETS APS
Organisation type	Non-profit Third Sector organisation - Association for Social Promotion (ETS APS)
Country	Italy
Registered office	S.S. 91, Discesa Pezzarotonda 21, 84022 Campagna (SA), Italy
OID	E10429929
OID status	NA Certified
PIC	866223387
Legal representative	Daniele Raimondo - President
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Meaning of NA Certified status

RCR Innovative Labs is registered in the Erasmus+ Organisation Registration System and its organisational information and supporting documentation have been validated by the competent National Agency. The wording “NA Certified” refers to validation of the organisation data; it should not be confused with Erasmus Accreditation.

2. Institutional profile

RCR Innovative Labs ETS APS is a non-profit organisation based in Campagna, in the Province of Salerno, Southern Italy. Established in December 2024 and registered as an Italian Third Sector organisation, it operates at the intersection of education, technology, social innovation, environmental sustainability and European cooperation.

The organisation designs practical learning experiences for students, teachers, young people and local communities. Its methodology combines making, experimentation and project-based learning with digital fabrication, coding, electronics, robotics, environmental monitoring, artificial intelligence and responsible digital communication.

A young organisation with established expertise

Although RCR Innovative Labs is a recently established entity, its President and key personnel contribute extensive experience in school education, industrial production, technical training, educational design and hands-on innovation. This expertise supports sound project implementation, risk management and cooperation with schools and public or non-profit bodies.

3. Mission and strategic priorities

RCR Innovative Labs promotes technology as a practical instrument for human development, inclusion, education and environmental responsibility. Its work is guided by the following priorities:

- Digital transformation and the development of meaningful digital competences.
- STEAM learning through experimentation, creativity and interdisciplinary problem solving.
- Inclusion and accessible technological solutions for learners with different needs.
- Environmental education, biodiversity monitoring and citizen science.
- Career guidance towards technical, scientific and vocational pathways.
- Teacher professional development and transfer of innovative teaching practices.
- European cooperation, intercultural dialogue and active citizenship.
- Community engagement and dissemination of open, replicable educational practices.

4. Educational and operational capacity

Between 2024 and 2026, the President and key expert of RCR Innovative Labs delivered almost 600 hours of STEM, STEAM and digital training in primary schools, lower-secondary schools, upper-secondary schools and teacher professional-development programmes. The activities were carried out through Italian national education programmes, including PNRR measures, Agenda Sud and the National Programme “School and Skills” 2021-2027.

Main fields of expertise

- CAD and 3D modelling, including Tinkercad-based educational design.
- 3D printing, multi-material fabrication and rapid prototyping.
- Vector graphics, laser engraving and laser cutting with Inkscape-based workflows.
- Arduino programming, applied electronics, sensors, motors and measurement tools.
- Coding, computational thinking, robotics and introductory artificial intelligence.
- Digital presentations, multimedia storytelling and effective online communication.
- Drones and digital tools for education, orientation and environmental observation.
- Project-based learning, maker education, problem solving and vocational guidance.

Target groups

Children and young people from primary to upper-secondary education; teachers and school staff; learners with fewer opportunities; vocational and technical students; families; volunteers; local communities; public bodies; schools and other education providers.

5. Selected education and training experience

School-Work Training (FSL) | Electronics and Electrical Engineering, 2026

RCR Innovative Labs designed, coordinated and delivered a practical School-Work Training pathway at the “Mattei-Fortunato” Upper Secondary Institute in Eboli. Workshops covered CAD, 3D printing, Arduino, electronic circuits, sensors, motors and measurement tools, strengthening technical, professional, digital and problem-solving competences.

National Programme “School and Skills” | 2025-2026

Multiple 30-hour orientation and digital-education modules introduced lower-secondary students to 3D modelling, digital fabrication, laser technologies, drones, prototyping and technical careers. One pathway included the development of a mechanical automatic page-turning prototype.

Piano Estate | Digital fabrication, 2026

Two 30-hour modules focused on Inkscape, CAD, file preparation, laser engraving and cutting, creation of personalised objects, creativity and responsible use of digital fabrication technologies.

Agenda Sud | Coding and mathematics, 2026

A 30-hour primary-school module used coding and educational robotics to develop computational thinking, logical-mathematical competences and collaborative learning.

Teacher professional development | 2025

Training programmes for teachers covered 3D printing, Tinkercad, Bambu Lab workflows, coding, artificial intelligence, sustainability and the use of digital technologies across different school levels.

Digital communication for students | 2026

A 20-hour programme supported students in designing effective presentations and digital final projects using Google Workspace, Prezi and multimedia tools.

6. Cooperation with schools and communities

RCR Innovative Labs works with schools and education providers to co-design activities that respond to local needs. It can contribute as a project partner, training provider, host for workshops, dissemination partner or technical contributor. Its approach is particularly suitable for Erasmus+ School Education and Vocational Education and Training projects requiring practical STEAM activities, inclusive learning environments, teacher training and links between education and real-world technological applications.

Meet and Code 2026

RCR Innovative Labs has been selected to organise two Meet and Code 2026 educational events, supported through the European initiative with a total contribution of EUR 500. The activities are designed to promote coding, digital inclusion, environmental awareness and accessible technology-based learning among young participants.

7. Innovation projects and public recognition

PWM - Pollution Washing Machine | Environmental technology

An experimental system exploring technological solutions for reducing airborne pollutants through programming, electronics, environmental data and filtration. The project received first prize for innovation in the “Cambiamo Aria” initiative promoted by the Campania Region and was selected for Maker Faire Rome 2024. PWM was also entered for the iF DESIGN AWARD 2026 and came very close to passing the competition’s selection stage, providing valuable international evaluation and recognition of the project’s design potential.

Automatic Music Stand (Voltaspartiti) | Assistive technology and design

An automated page-turning system conceived to support musicians and users who may experience difficulty turning pages while performing. The prototype combines mechanics, electronics, digital fabrication and inclusive design and was selected for Maker Faire Rome 2025. Its future development offers opportunities for transnational co-design, testing and sustainable construction.

BirdNET Live | AI, biodiversity and citizen science

A system integrating artificial intelligence, acoustic monitoring, embedded technologies and renewable-energy options to recognise and monitor bird species. The project was selected by Sapienza University of Rome for presentation at Maker Faire Rome 2026 and forms a technological foundation for environmental education and biodiversity initiatives.

Air purification prototype | Coding and air quality

An Arduino-controlled purifier interfaced with an Android system and equipped with particle and activated-carbon filtration. The project received first prize for best innovative project in the 2025 “Cambiamo Aria” competition.

Technology resources

The organisation’s activities draw on 3D printers, laser cutting and engraving equipment, Arduino and ESP32 boards, Raspberry Pi systems, sensors, motors, prototyping tools, drones, CAD and vector-design software, and digital communication platforms. Equipment is selected according to project needs, participant age, safety requirements and expected learning outcomes.

8. European cooperation and Erasmus+ experience

RCR Innovative Labs has established active participation in Erasmus+ through an approved youth-mobility partnership, direct KA210 project design, international partner cooperation and school-based European project experience led by its President. The organisation distinguishes clearly between funded projects, applications under evaluation and reserve-listed proposals.

APPROVED KA152-YOU • RCR DIRECT PARTNER / CO-BENEFICIARY

Project reference: 2026-1-LT02-KA152-YOU-000390219. RCR Innovative Labs ETS APS joined the approved KA152-YOU Mobility of Young People project as the Italian partner and new co-beneficiary through accession on 11 August 2026. The project is coordinated by Švietimas ir paveldas (Lithuania), has a funded amount of EUR 44,409, and involves partners from Italy, Romania, North Macedonia, Lithuania, Slovakia and Serbia.

DIGIWOOD | KA210-VET - reserve-listed RCR application

RCR Innovative Labs ETS APS was the applicant organisation for project 2026-1-IT01-KA210-VET-000462310, “DIGIWOOD - Integrating Digital Fabrication, Sustainable Wood Technologies and Green Skills in Vocational Education”. The proposal requested EUR 30,000, received a consolidated evaluation score of 70/100 and was included in the official reserve list. It is therefore presented transparently as a quality-threshold/reserve-listed application, not as a funded project.

Two KA210-SCH collaborations currently under evaluation

RCR Innovative Labs is involved as a partner in two additional Erasmus+ KA210-SCH applications developed in cooperation with Turkish partners. Both applications have been formally submitted and are currently under evaluation. These collaborations demonstrate RCR’s growing operational participation in School Education partnerships, including international co-design, partner communication, educational planning and dissemination.

SMART GREEN CLASSROOMS | approved KA210-SCH - key person experience

Daniele Raimondo, President and key person of RCR Innovative Labs, contributed directly to the collaborative development of the Erasmus+ KA210-SCH project “SMART GREEN CLASSROOMS”, working with international colleagues during project preparation and design. The project was approved in the 2026 Romanian Erasmus+ selection with a score of 87/100 and a total grant of EUR 60,000.

The partnership includes Școala Gimnazială “Constantin Brâncoveanu” - Râmnicu Sărat (Romania), OOU “Kiril i Metodij” - Stajkovci, Skopje (North Macedonia), Istituto Comprensivo “G. Palatucci” - Campagna (Italy), and Naime-Nori Demir İmam Hatip Ortaokulu - Uşak (Türkiye). The formal Italian project partner is Istituto Comprensivo “G. Palatucci”, the school where Daniele Raimondo teaches; this is therefore professional Erasmus+ experience of RCR’s key person rather than an institutional RCR grant.

8. European cooperation and Erasmus+ experience (continued)

School-based European cooperation and recognition

Through his teaching role at Istituto Comprensivo “G. Palatucci” in Campagna, the President of RCR Innovative Labs also contributes to European and international school cooperation activities. These experiences complement RCR’s institutional Erasmus+ participation and strengthen practical knowledge of school partnerships, collaborative planning, mobility-related educational activities and dissemination. Specific school recognitions are attributed to the school and are not presented as awards granted to RCR Innovative Labs.

International cooperation network

The association has active or developing cooperation links with schools and organisations in several European countries, including Romania, Türkiye, Germany, Lithuania, Estonia, Norway and Ireland. These relationships support partner search, co-design, mobility preparation, online collaboration and exchange of educational practices.

Project-management contribution

- Needs analysis, project concepts, objectives and expected results.
- Definition of activities, deliverables, roles, schedules and Work Packages.
- Design and delivery of practical STEAM and digital-learning activities.
- Partner communication and coordination across education and non-profit sectors.
- Monitoring of participation, outputs and learning outcomes.
- Communication, dissemination, visual documentation and community engagement.
- Sustainability planning, transferability and exploitation of project results.

Participation in a LIFE Nature and Biodiversity proposal

RCR Innovative Labs is preparing to participate in a LIFE Nature and Biodiversity proposal focused on wildlife conservation, artificial intelligence, acoustic monitoring, digital technologies and citizen science. The initiative is being developed through a national and international partnership-building process involving public authorities, universities, scientific organisations, educational institutions and environmental bodies. RCR aims to contribute its expertise in BirdNET Live technologies, environmental education, community engagement, digital monitoring and dissemination. The partnership structure and the organisation’s formal role will be stated only after final confirmation.

Preferred Erasmus+ cooperation themes

STEAM and maker education; digital fabrication; inclusion and assistive technology; biodiversity and environmental monitoring; artificial intelligence and responsible technology; vocational orientation; teacher education; citizen science; circular economy; active citizenship; dissemination of innovative educational practices.

9. Communication, dissemination and social engagement

RCR Innovative Labs uses communication as an integral part of project implementation. Its online channels document work in progress, explain technical solutions in accessible language and make educational results visible to schools, partners, families and the wider community.

Dissemination activities

- Highly engaging videos and practical demonstrations showing the quality of RCR's workmanship, prototyping, digital fabrication, construction processes and technical problem solving.
- Documentation of workshops, school projects, competitions, fairs and public events.
- Presentation of prototypes, alternative design solutions and project development stages.
- Educational content on 3D printing, laser fabrication, electronics, environmental innovation and maker practices.
- Cross-platform dissemination through the website, TikTok, Facebook and Instagram, supported by direct community networks.
- Audience interaction through comments, questions, follow-up videos and the sharing of project variants.
- Public demonstrations and presentation of technologies, prototypes and practical work in schools, fairs, community venues and other public spaces.

Demonstrated public reach and interaction

The organisation's technical and educational content has generated measurable public engagement. Individual practical videos have exceeded 35,000 views and generated significant interaction through comments, questions, sharing and follow-up content. Online dissemination is complemented by live presentations and demonstrations in schools, fairs, community venues and other public spaces.

Communication channels

Website	https://www.rcrinnovativelabs.com
TikTok	https://www.tiktok.com/@danieleraimondo76
Facebook	https://www.facebook.com/profile.php?id=61578689926218
Instagram	https://www.instagram.com/daniele.raimondo.9484/
LinkedIn	https://www.linkedin.com/in/daniele-raimondo-203478290/

For Erasmus+ projects, RCR can prepare a tailored dissemination plan defining target audiences, channels, visual materials, publication schedule, indicators and responsibilities. Reach and engagement data can be documented through platform analytics and included in interim or final reporting.

10. Key person profile

Daniele Raimondo

President, Legal Representative, Educational Project Designer and Technical Trainer

Daniele Raimondo is an Italian secondary-school teacher, educational project designer and technological innovator with an interdisciplinary academic background in philosophy, theology, religious sciences and educational studies. He is completing a Master's degree in Ontology and Ethics of Scientific and Technological Thought through a double-degree pathway involving the Pontifical Lateran University and the University of Perugia.

Before entering education, he gained approximately twenty years of industrial experience as a mechanical technician in a manufacturing environment. He now combines technical expertise with teaching, project design and the coordination of RCR Innovative Labs.

His educational experience also includes teaching in lower- and upper-secondary education since 2021, coordination responsibilities, management of school digital laboratories, student career guidance and participation in school digital-innovation teams.

He has delivered almost 600 hours of STEM and digital training and has experience with students from primary to upper-secondary education, teachers and technical-vocational learners. His areas of expertise include CAD, 3D printing, laser fabrication, coding, Arduino, electronics, robotics, drones, environmental technologies and multimedia communication.

As President of RCR Innovative Labs, he coordinates Erasmus+, eTwinning and environmental project development; builds partnerships with schools, universities, public authorities and Third Sector organisations; and supervises the design, implementation and dissemination of educational and technological prototypes. His recent Erasmus+ experience includes direct collaboration in the approved SMART GREEN CLASSROOMS KA210-SCH project-development process and coordination of RCR's institutional Erasmus+ participation. He works in Italian and holds certified competence in English at C2 level and German at B2 level.

11. Cooperation offer

RCR Innovative Labs is available to participate in Erasmus+ partnerships as a coordinator or partner, contributing to educational design, practical training, prototype development, school cooperation, environmental innovation, communication and dissemination. The organisation is particularly interested in partnerships that produce concrete, transferable and socially useful results.

12. Contact

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