



ROB4GREEN

Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling

-ROB4GREEN-

**HORIZON-CL4-2024-DIGITAL-EMERGING-01-04 – Industrial leadership in AI, Data and Robotics
boosting competitiveness and the green transition (AI Data and Robotics Partnership) (IA)**

Grant Agreement No. 101189665

D7.2: Open Calls Evaluation and Selection – 1st OC

Type	R - Document, report
Dissemination level	PU - Public
Contractual delivery date	31/05/2026
Delivery Date	15/06/2026
Lead Author	LMS
Contributors	F6S, FM, all
Circulation	EU, Consortium, Public

Summary:

This deliverable documents the final outcomes of the evaluation and selection process for the first ROB4GREEN Open Call (OC1), which officially closed on April 8, 2026. Building upon the foundational frameworks, rules, and documentation established in D7.1 (Open Calls Preparation), this report provides statistics on call participation, including geographical distribution, organization types, eligibility results, and success rates across the four challenges. Ultimately, this report outlines how the four phase evaluation methodology was executed to select the final 8 high impact external pilots, which will split the total cascade funding pool of €2.4 million.





Version	Date	Comments	Author
V0.1	27/05/2026	First draft	F6S
V1.0	14/06/2026	Final draft	F6S, LMS
V2.0	15/06/2026	Final version including annexes	LMS, F6S

TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
LIST OF FIGURES.....	4
LIST OF TABLES.....	5
1 INTRODUCTION	6
1.1 Open call #1 (OC1) Overview	6
1.2 Document Scope	7
2 OVERVIEW OF THE OPEN CALL 1 – SETUP, LAUNCHING & PROMOTION	8
2.1 Co-design Phase and Challenge Definition.....	8
2.2 ROB4GREEN Tools for 3rd Parties	8
2.3 Open Call Application Documents.....	9
2.4 OC1 Launching & Promotion	9
3 OPEN CALL 1 RESULTS – SUBMISSION STATISTICS.....	11
3.1 OC1 applications submitted	11
3.2 OC1 applications country coverage.....	12
3.3 Platforms through which applicants heard about the Open Call.....	13
3.4 Statistics highlights	13
4 RECRUITMENT OF THE EXPERT EVALUATORS.....	14
4.1 Statistical overview.....	14
4.2 Proposal review and selection of external experts	16
4.3 Onboarding of External Experts	18
5 EVALUATION AND SELECTION.....	20
5.1 Phase 1: Eligibility Check	21
5.1.1 Administrative eligibility criteria	21
5.1.2 Technical eligibility criteria.....	21
5.2 Phase 2.1: Remote Proposal Evaluation.....	22
5.2.1 Remote Proposal Evaluation Phase Statistics	24
5.3 Phase 2.2: Intermediate Ranking	25
5.4 Phase 3: Online interviews	26
5.5 Phase 4 – Final Ranking and selection.....	27
6 SELECTED PROPOSALS FOR FUNDING	27





6.1	Challenge #1 - AI, Data and Robotics for Life Extension (Repairing).....	27
6.2	Challenge #2 - AI, Data and Robotics for Value Retention (Refurbishing/Remanufacturing).....	28
6.3	Challenge #3 - AI, Data and Robotics for Parts Harvesting	28
6.4	Challenge #4 - AI, Data and Robotics for Decommissioning and Recycling	29
7	CONCLUSIONS	30
	APPENDIX I – EVALUATION SUMMARY REPORT TEMPLATES.....	31
	APPENDIX II – INDIVIDUAL EVALUATION REPORT TEMPLATE – REMOTE EVALUATION PHASE ...	38
	APPENDIX III – REMOTE EVALUATION PHASE SCORES AND RESULTS	41
	APPENDIX IV – INTERMEDIATE RANKING AFTER REMOTE EVALUATION	44
	APPENDIX V – TOP 16 APPLICANTS SELECTED FOR INTERVIEWS	46
	APPENDIX VI – INTERVIEW PHASE SCORES.....	47
	APPENDIX VII – INDIVIDUAL EVALUATION REPORT TEMPLATE FOR INTERVIEW PHASE	49
	APPENDIX VIII – SUCCESSFUL APPLICANTS.....	52





LIST OF FIGURES

Figure 1 ROB4GREEN Open call 1 key information	7
Figure 2. ROB4GREEN Tools available to 3rd Parties	9
Figure 3. Distribution of challenges among all applicants	11
Figure 4. Country distribution of applicant consortium members	12
Figure 5. Channels through which applicant heard about the open call	13
Figure 6. Open Call for evaluators country distribution	15
Figure 7. Gender distribution among evaluator applicants	15
Figure 8. Onboarding meeting with external expert evaluators	18
Figure 9. Evaluation process phases and steps	20
Figure 10. Challenge distribution of applicants in the remote evaluation phase	24
Figure 11. Country distribution of applicant consortium members in the remote evaluation phase	25





LIST OF TABLES

Table 1. Summary of Open Call Round 1 challenges	8
Table 2. Challenge distribution among applicants.....	11
Table 3. Overview of open for expert evaluators	14
Table 4. Scoring criteria for expert evaluator open call.....	16
Table 5. Overview of the selected evaluators profiles	17
Table 6. Proposal evaluation criteria	22
Table 7. Challenge distribution of applicants in the remote evaluation phase	24





1 INTRODUCTION

ROB4GREEN is a project designed to bridge the current gap between labor-intensive Re-X processing (repair, remanufacturing, recycling, etc.) and automated circularity. By developing easy-to-use, collaborative, and AI-driven robotic systems, ROB4GREEN enables industries to adapt to key "R-strategies" for processing products after their first life.

The project addresses critical gaps such as limited cognitive intelligence and insufficient perception of product states. It focuses on three core technological pillars:

- ✓ **Cognitive and intelligent mechatronics:** advanced perception and reasoning to allow systems to "understand" product conditions and material compositions in real-time.
- ✓ **AI-based robot programming and HRI:** modules that facilitate efficient interaction and continuous learning between various robot types and human operators.
- ✓ **Multi-level optimization:** an integrated architecture for AI-driven decision-making that scales from individual robotic cells to the entire value chain.

These technologies are validated in three industrial pilots: Energy Infrastructure (wind blade decommissioning), Automotive (tire retreading), and Electronics (PCBA component harvesting).

To maximize industrial impact, the project incorporates a Financial Support to Third Parties (FSTP) program to verify its framework in additional real-world scenarios.

With a total budget of €4 million, this program will allow the verification of: a) the project's framework in additional real-world scenarios (external pilots), and b) the interoperability of the ROB4GREEN architecture by attracting external RTOs for the co-development of solutions for the project's pilot cases.

1.1 Open call #1 (OC1) Overview

The ROB4GREEN 1st Open Call (OC1) aims to support third parties in developing and implementing innovative solutions while demonstrating the replicability and sustainability of the project's framework. The most relevant information for this call includes:

- ✓ **Total funding available:** €2,400,000.
- ✓ **Maximum funding per project:** Up to €300,000 in the form of a lump sum.
- ✓ **Target applicants:** Consortia of 2 or 3 legal entities. This must include one SME/Startup (Technical Integrator/Leader) and one Industrial End-user (Technology Adopter).
- ✓ **Project duration:** 10 months.
- ✓ **Key challenges:** Every application must address one of the four defined challenges:
 1. **Challenge #1: AI, Data and Robotics for Life Extension (Repairing)**
 2. **Challenge #2: AI, Data and Robotics for Value Retention (Refurbishing/Remanufacturing)**
 3. **Challenge #3: AI, Data and Robotics for Parts Harvesting**
 4. **Challenge #4: AI, Data and Robotics for Decommissioning and Recycling**
- ✓ **Technology integration:** It is mandatory for applicants to select one (x1) or two (x2) ROB4GREEN tools (e.g., SDS, RePlan, SBO, AIBAD, etc.) to be integrated into their proposed solutions.
- ✓ **Application launching:** 4th of February till 8th of February (17:00 Brussels time)





Figure 1 ROB4GREEN Open call 1 key information

1.2 Document Scope

This deliverable documents the implementation and outcomes of the evaluation and selection process for the first ROB4GREEN Open Call (OC1). Building upon the frameworks, procedures, and application documentation defined in D7.1 Open Calls Preparation, the report presents the execution of the four-phase evaluation methodology, from eligibility verification to the final ranking and selection of funded projects. The deliverable provides an overview of the evaluator recruitment process, evaluation procedures, participation statistics, eligibility screening outcomes, proposal assessment results, interview phase execution, and the final selection of external pilots. Detailed information regarding the Open Call design, application kit, eligibility conditions, and supporting annexes is available in D7.1, Section 1 and its corresponding annexes.

This report consists of seven sections, including this introductory section, and eight additional annexes. In more detail:

- Section 1 introduces this report and OC1
- Section 2 details the setup, launching, and promotional campaigns of OC1.
- Section 3 delivers the statistical analysis and country coverage maps of the applicant pool.
- Section 4 outlines the recruitment campaign and professional profiles of the external independent experts.
- Section 5 provides a step-by-step breakdown of the evaluation results, scoring thresholds, and consensus protocols.
- Section 6 summarizes the technical profiles, consortium members, and objectives of the 8 selected winning projects
- Section 7 concludes the report.
- Annexes I to VIII provide details for each evaluation phase including evaluation report templates, scoring sheets and ESR letter templates.



2 OVERVIEW OF THE OPEN CALL 1 – SETUP, LAUNCHING & PROMOTION

This section outlines the setup, design, and launch activities for the first ROB4GREEN Open Call (OC1), which builds directly upon the rules and frameworks demonstrated in D7.1: Open Calls preparation - 1st OC. For more comprehensive background details on the preparation phase, refer to *D7.1: Open Calls preparation - 1st OC*, Section 2 “Grant Definition and Open Call 1 Management”.

The OC1 strategy was formulated to achieve the following core objectives:

- ✓ Identifying high-impact domains within the "Re-X" value chain (Repair, Remanufacturing, Recycling).
- ✓ Defining the technical requirements and KPIs for the four strategic challenges, ensuring alignment with the ROB4GREEN framework.
- ✓ Finalizing the Application Kit, including the technical descriptions of available tools.

The Open Call cycle is divided into five core stages: a) Co-design, b) Launching & Promotion, c) Evaluation & Selection, and d) Monitoring & Mentoring, with F6S leading the initial management and launching activities.

2.1 Co-design Phase and Challenge Definition

Through a series of iterative workshops, the consortium defined four core challenges aligned with key "Re-X" processes:

Table 1. Summary of Open Call Round 1 challenges

Challenge number	Challenge title	Link to ROB4GREEN use cases	Number of projects
Ch #1	AI, Data and Robotics for Life Extension	n.a.	2
Ch #2	AI, Data and Robotics for Value Retention	MICHELIN use case	2
Ch #3	AI, Data and Robotics for Parts Harvesting	VALEO use case	2
Ch #4	AI, Data and Robotics for Decommissioning and Recycling	ACCIONA Use case	2

Further details on the workshop methodology and challenge formulation can be found in *D7.1, Section 2.1*.

2.2 ROB4GREEN Tools for 3rd Parties

To guarantee alignment with the project's framework, it was mandatory for applicants to integrate one or two mature tools from the ROB4GREEN solution catalogue (e.g., SDS, ReICE, SBO, etc.).

The selection criteria for these available technologies are detailed in *D7.1, section 2.1.2. and Annex 2*.



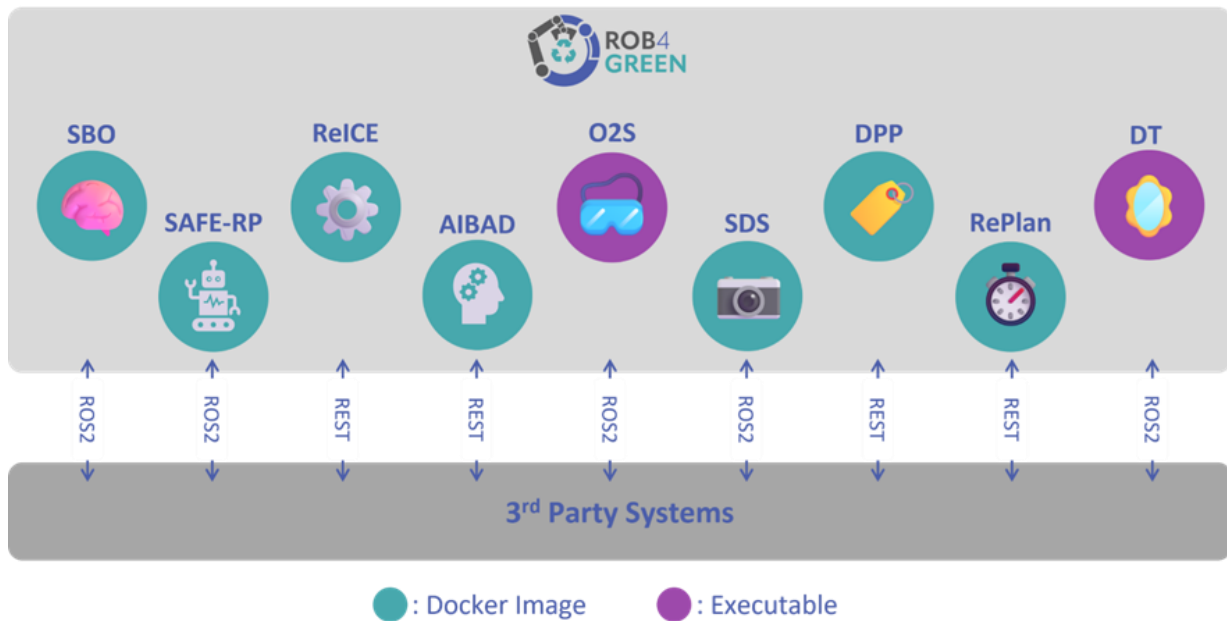


Figure 2. ROB4GREEN Tools available to 3rd Parties

2.3 Open Call Application Documents

The complete "Application Kit" was finalized and approved by the European Commission, consisting of the following documents:

- ✓ **Annex 1: ROB4GREEN Guide for Applicants** – Detailed regulations regarding eligibility, timelines, funding conditions, and the four-phase evaluation process.
- ✓ **Annex 2: ROB4GREEN Technical Description** – Technical specifics regarding the four circular economy challenges (C#1 to C#4) and the catalog of available ROB4GREEN tools.
- ✓ **Annex 3: F6S Application Form** – An offline version of the digital form required for electronic submission via the F6S platform.
- ✓ **Annex 4: ROB4GREEN Proposal Template** – The mandatory technical document used by applicants to describe the Excellence, Impact, and Implementation of their proposed pilot.
- ✓ **Annex 5: ROB4GREEN Consortium Declaration of Honour** – Legal acceptance of the call conditions by all participating consortium representatives.
- ✓ **Annex 6: ROB4GREEN SME Declaration** – A template used to verify the SME or Startup status of the Lead Partner.
- ✓ **Annex 7: ROB4GREEN Sub-Grant Agreement** – The formal contract between the project consortium and the third-party beneficiaries.
- ✓ **Annex 8: Banking Information Form** – Necessary documentation for the disbursement of the lump-sum funding.

The overview of the application kit documents are available in *D7.1, ANNEXES 1-8*, as well as publicly accessible via the project website at <https://rob4green-project.eu/open-calls-2/>.

2.4 OC1 Launching & Promotion

The call was officially open from **February 4th to April 8th, 2026**. Dissemination was executed across multiple channels, including the EC Funding & Tenders Portal, the F6S submission platform, the project website, and targeted social media campaign.

The dissemination and management of the call were executed through the following primary channels:





- ✓ **Official EC Publication:** To maximize European reach and visibility, the call was formally listed on the European Commission Funding & Tenders Portal¹ under the section for competitive calls for third parties.
- ✓ **Submission Platform:** All applications were handled exclusively through the **F6S platform**, which served as the centralized portal for consortium leads to submit their proposals and mandatory annexes.
- ✓ **Informational Support:** Throughout the two-month application window, the consortium maintained an active outreach campaign. This included the hosting of three live, recorded info webinars that provided prospective applicants with a comprehensive walkthrough of the technical challenges, mandatory ROB4GREEN tools, and evaluation criteria.
- ✓ **Communication of the OC:** F6S leveraged its extensive network to perform targeted scouting, ensuring that high-potential SMEs and industrial end-users were aware of the available €2.4 million funding pool. TF-CC, as project's dissemination leader, promoted the open call through the project's social media platforms (Figure 6) and website (Figure 7). LMS, TF-CC and F6S have participated in online and physical events where they had the chance to engage with potential stakeholders (e.g., ERF2026, HADEA Showcase 2026, ADRA Technical Working Group meetings, etc.). Public material (i.e., business cards, Leaflets) highlighted the open call opportunities.

To ensure high visibility and clear guidance for high-quality submissions, the ROB4GREEN management team deployed a comprehensive support framework for applicants. The primary support mechanisms included:

- ✓ **Direct support channels:** Applicants were provided with continuous assistance through an F6S online Q&A forum, dedicated emails for call management (oc@rob4green-project.eu) and technical platform troubleshooting (support@f6s.com), as well as centralized web pages for call documents and FAQs.
- ✓ **Targeted webinar series:** Three live, registration-based webinars were hosted to guide audience of SMEs and industrial partners. As detailed in *D7.1, Section 2.2.2.*, these sessions included:
 - **Webinar 1:** General Info & Project Presentation (covering the funding opportunity and submission process).
 - **Webinar 2:** Technical Deep-Dive & Challenges (detailing the four core challenges, technical requirements, and KPIs).
 - **Webinar 3:** Final Q&A & Teaser (a dedicated space for last-minute questions ahead of the deadline)

The overall promotion strategy and applicant support activities are outlined in more detail in *D7.1 Section 2.2.*



3 OPEN CALL 1 RESULTS – SUBMISSION STATISTICS

3.1 OC1 applications submitted

This section delivers a statistical breakdown of the applications received, including call statistics on geographical distribution, type of organizations, number of eligible proposals, success rates, response rates in the different types of challenges requested in the 1st OC.

- **Total Response Across Challenges:** A total of 90 proposals were submitted, with 61 (67.8%) successfully passing the eligibility and technical checks to proceed to remote evaluation phase.
- **High Eligibility in Specialized Challenges:** Challenges C#3 (Parts Harvesting) and C#4 (Decommissioning and Recycling) showed the highest success rates in terms of eligibility, both exceeding 80%.
- **SME-Led Consortia:** The promotion efforts successfully attracted its target audience, with 98% of lead organizations being SMEs.

A summary of the submitted applications and challenge distribution is available in Table 1.

Table 2. Challenge distribution among applicants

Challenge number	Total Proposals	Eligible Proposals	Success Rate of proposals passing to remote evaluation
C#1: Life Extension	31	18	58.1%
C#2: Value Retention	19	9	47.4%
C#3: Parts Harvesting	18	15	83.3%
C#4: Decommissioning	22	19	86.4%
Total	90	61	67.8%

Similarly, Figure 3 illustrates the distribution of challenges across all 90 submitted proposals. Challenge #1: Life Extension received the highest number of applications (34.4%), followed by Challenge #4: Decommissioning.

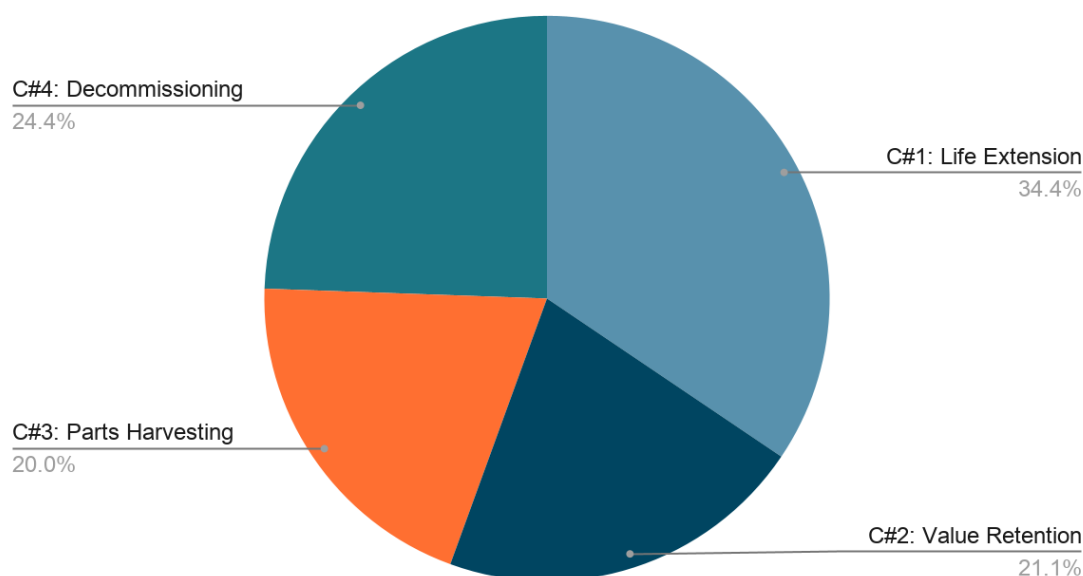


Figure 3. Distribution of challenges among all applicants





3.2 OC1 applications country coverage

The open call attracted interest from over 30 countries among lead applicants. Italy led the distribution with 25 proposals, followed by Greece and Spain, each with 12.

The distribution of proposals per countries among the **lead applicants** is the following: Italy with 25 proposals, Greece with 12 proposals, Spain with 12 proposals, Turkey with 5 proposals, and Slovakia with 4 proposals. Other participating countries include Ireland (3), Serbia (3), Croatia (2), Cyprus (2), France (2), Norway (2), Portugal (2), Ukraine (2), United Kingdom (2), Albania (1), Austria (1), Belgium (1), Bulgaria (1), Denmark (1), Latvia (1), Lithuania (1), Luxembourg (1), North Macedonia (1), Poland (1), Romania (1), and the

The following chart displays the country distribution across 3 types of partners involved in the applying consortium.

Consortium country distribution

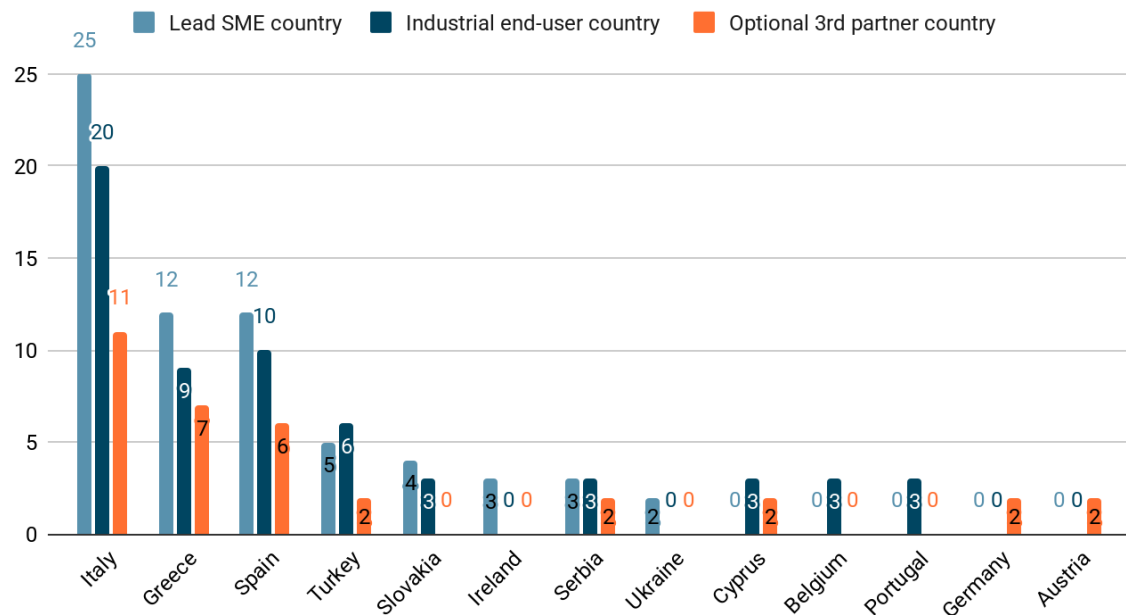


Figure 4. Country distribution of applicant consortium members

The key takeaways can be summarized as:

- ✓ **Dominant Participation from Southern Europe:** Italy, Greece, and Spain consistently show the highest participation across all categories. Italy is the leading country in all three roles, with 25 lead applicants, 20 second applicants, and 11 third partners.
- ✓ **Broad Geographic Reach:** The program has attracted interest from over 30 different countries, including non-EU nations like Turkey, Ukraine, and the Balkan countries.
- ✓ **Consortium Structure Trends:** While the lead and second applicant positions are well-populated, the number of third partners is significantly lower (43 total), reflecting the optional nature of this role in the consortium.

NOTE: During the Phase 1 eligibility check, proposals featuring participants from the USA, Switzerland, and other non-eligible countries were disqualified from entering the evaluation phase in strict accordance with the geographic criteria outlined in the Guide for applicants.





3.3 Platforms through which applicants heard about the Open Call

Figure 5 displays top channels through which applicant heard about the open call: The ROB4GREEN Website was the most frequent source with 49 mentions, followed by the F6S platform with 29 mentions. Many applicants (20 mentions) discovered the call through external "Other" sources, particularly specialized funding portals. LinkedIn was the primary social media channel, while personal acquaintances and direct European Commission communications also contributed to the outreach.

How Applicants Heard About ROB4GREEN Open Call

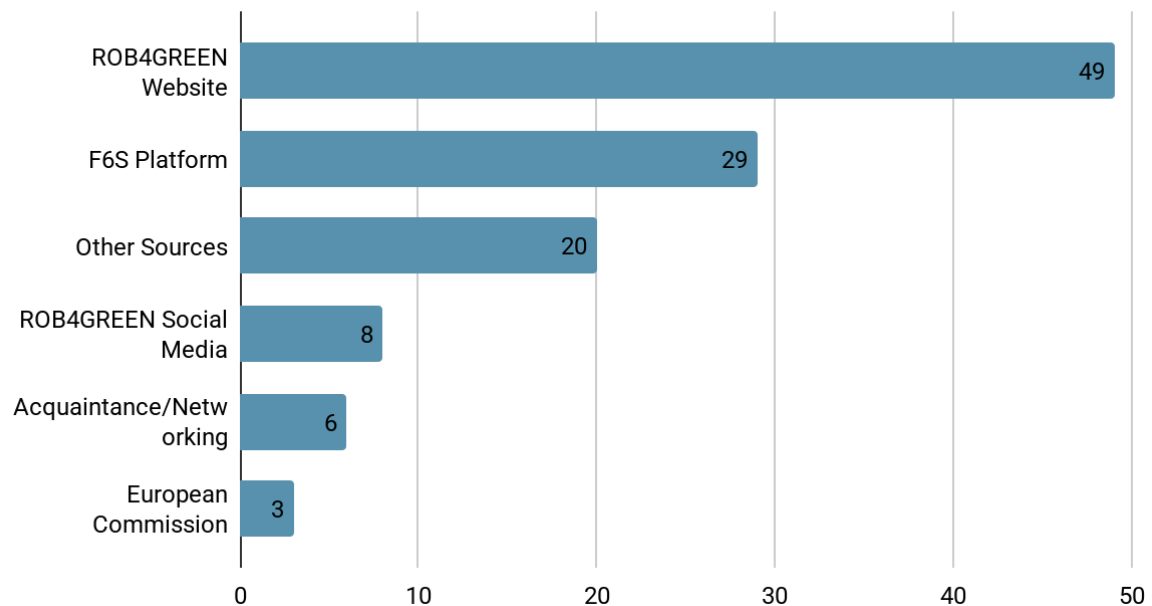


Figure 5. Channels through which applicant heard about the open call

3.4 Statistics highlights

The key takeaways from preceding subsections are:

- ✓ **Highest Interest:** Challenge C#1 was the most popular, receiving 34.4% of all applications.
- ✓ **Highest Success:** Challenge C#4 and Challenge C#3 showed the highest conversion from application to eligibility, both exceeding an 80% success rate.
- ✓ Italy was the primary contributor, accounting for nearly 28% of the total response.





4 RECRUITMENT OF THE EXPERT EVALUATORS

To guarantee a completely transparent, fair, and high-quality selection of the most innovative projects, ROB4GREEN launched a pan-European campaign to recruit external independent experts. This campaign aimed to establish a highly specialized Expert Evaluation Board capable of objectively evaluating proposals under the ROB4GREEN framework.

The Call for Expression of Interest was published and promoted on the official project website and social media channels and applications were submitted via the F6S platform. Candidates were required to hold a BSc, MSc, or PhD and prove a minimum of 5 years of professional experience across at least one of the following key circular economy and robotic domains defined in **Annex 2_ROB4GREEN Technical Description:**

- ✓ **Industrial robotics & mechatronics:** Expertise in cable robots, collaborative manipulators (cobots), and end-effector design.
- ✓ **Artificial intelligence & data:** Knowledge of Deep Learning, Large Language Models (LLMs) for HRI, and Digital Twins.
- ✓ **Remanufacturing and recycling, circular economy & sustainability:** Technical understanding of composite material recycling (wind blades), tyre retreading, or electronics remanufacturing (PCBs)
- ✓ **Innovation & business management:** Experience in assessing the market potential, scalability, and "go-to-market" strategies for tech startups/SMEs.

Evaluators were hired according to standard Horizon Europe rules and must follow these guidelines:

- Experts are assigned to evaluate between 8 and 16 proposals depending on the volume of eligible submissions within their matching technical domain.
- Evaluators must perform remote independent assessments, generate Individual Evaluation Reports (IERs), coordinate consensus rounds with co-evaluators to form Consolidated Evaluation Summary Reports (ESRs), and actively participate in online consensus and interview meetings.
- Contracted experts must declare Non-Conflict of Interest and Confidentiality Declaration statement.

All experts contracted to support the evaluations were subject to an administrative check of personal information before the contracting was performed.

4.1 Statistical overview

The recruitment campaign successfully populated a highly qualified pool of evaluators. Below is the structured space containing the official expert open call statistics:

Table 3. Overview of open for expert evaluators

Stage	Number of Experts
Total Expressions of Interest Received	129
Disqualified Experts during Initial Eligibility Check (<i>primary reasons: No previous evaluation experience, less than 5 years of domain experience etc. </i>).	30
Experts Submitted to Internal Evaluation	99
Total Contracted Evaluators	10





The top three countries from which applications were received for the open call for evaluators are **Spain, Italy, and Greece**, contributing 16, 15, and 11 applications respectively. The following Figure 6 displays the more detailed overview of all applicants' country:

Evaluator applicant country of residence

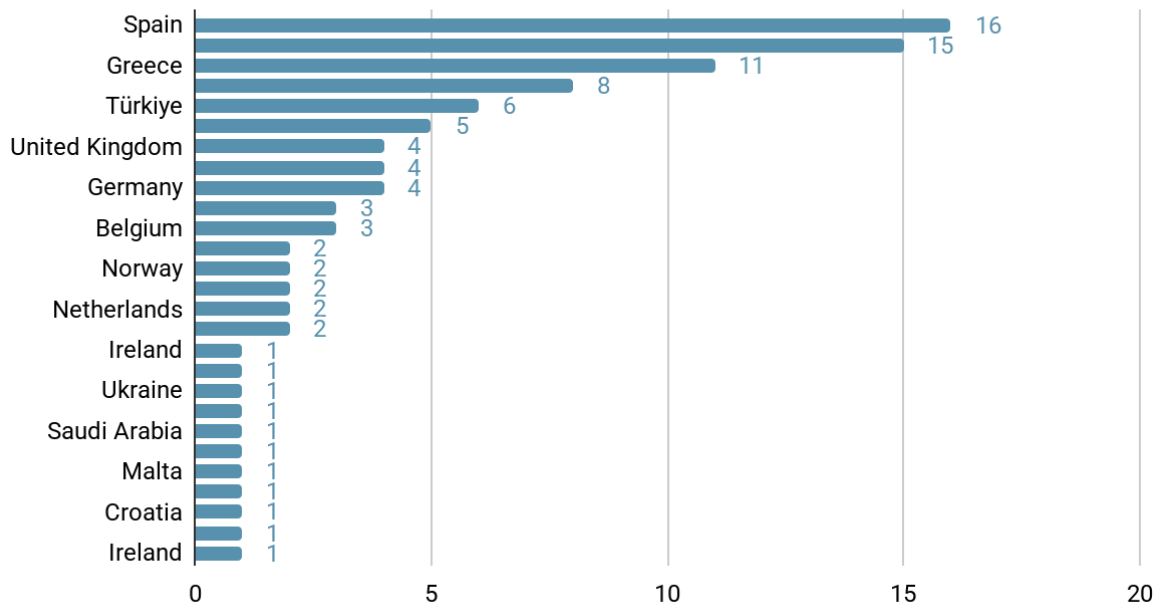


Figure 6. Open Call for evaluators country distribution

The data also reveals that male participant making up most of the applicant pool (59.6%). However still a significant number of highly qualified female experts have been part of this open call making the 37.4%.

Gender distribution among OC for expert evaluators

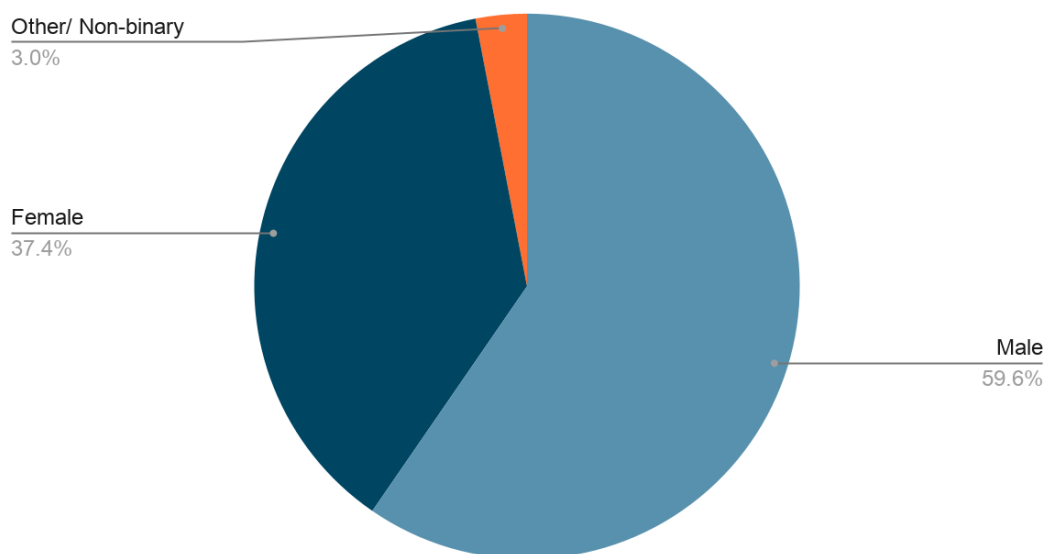


Figure 7. Gender distribution among evaluator applicants





4.2 Proposal review and selection of external experts

Each application was evaluated by ROB4GREEN representatives. They were scored each for each defined criterion from 1 - 5. Any results with large discrepancies will be internally evaluated a third time by the Evaluation Board.

- ✓ **Review the key questions and consider:** did they properly explain their background, expertise, knowledge and skills? Look for previous experience on similar projects, whether experience has been quantified (for example, stating they have “x” years’ experience in evaluating OC proposals) and whether they have described all relevant expertise according to the topics that they check marked to have said expertise.
- ✓ **Compare listed expertise with the CV. The CV and application should indicate a (ideally) a minimum of 3 years’ experience in the given area (to have the maximum score).** For example, a person stating that they have expertise in **Industrial robotics & mechatronics**” should have proof in their CV of a minimum three years working in the field. *Note: PhD/Post-docs count as experience.*
- ✓ **If the applicant has significant experience with evaluating EC proposals and/or Open Calls, then an additional point should be added to “Expertise”.**

Table 4. Scoring criteria for expert evaluator open call

Score	Expertise	Quality	CV
1	Stated expertise and descriptions are very poor and not in line with Rob4Green. No indication of stated expertise in terms of time/years.	Descriptions are very poor ; details on listed expertise are entirely missing.	CV is very poor in terms of structure and content. Stated education and experience aren’t relevant for Rob4Green.
2	Stated expertise matches poorly with Rob4Green with a weak alignment between expertise and descriptions. No indication of stated expertise in terms of time/years.	Descriptions are poor ; details on listed expertise are mostly missing.	CV is poor in terms of structure and content. Stated education and experience aren’t relevant for Rob4Green.
3	Stated expertise matches well (is good) with description; is in line with Rob4Green but missing some justifications. Described expertise amounts to less than 3 years.	Descriptions are good ; details are provided on stated expertise, but some information is missing.	CV is good in terms of structure and content. Stated education and experience matches well Rob4Green needs, but some information is lacking and/or hard to find.
4	Stated expertise matches very well (is very good) and mostly matches with Rob4Green; justifications are strong, with only a few details missing. Expertise is 3 years or more.	Descriptions are very good ; details are provided on stated expertise, with only a few details missing.	CV is very strong in terms of structure and content. Stated education and experience matches very well with Rob4Green needs, with only a few details missing.
5	Stated expertise is excellent , in line with Rob4Green needs. Applicant has more than 3 years	Descriptions are excellent ; detailed descriptions are	CV is excellent , professionally done and clear information





of experience in several listed areas of expertise.	provided for all stated areas of expertise.	that aligns with Rob4Green needs.
---	---	-----------------------------------

Table 5 summarizes the 10 selected experts, detailing their specialized expertise as extracted from their official F6S platform applications.

Table 5. Overview of the selected evaluators profiles

Evaluator	Country	Gender	Years of experience	Primary field of expertise	Technical specialization	Total Score
E01	Greece	Male	25	Industrial robotics and mechatronics, Artificial intelligence and data, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment), Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Automotive sector (tyres or electronics), Energy sector (wind turbine components), General industrial waste processing or dismantling, Advanced AI/Robotics integration in manufacturing	5.00
E02	Portugal	Male	23	Industrial robotics and mechatronics, Artificial intelligence and data, Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Advanced AI/Robotics integration in manufacturing	4.89
E03	Spain	Male	30	Industrial robotics and mechatronics, Artificial intelligence and data, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment), Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Automotive sector (tyres or electronics), General industrial waste processing or dismantling, Advanced AI/Robotics integration in manufacturing	4.67
E04	Belgium	Male	38	Industrial robotics and mechatronics, Artificial intelligence and data, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment), Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Automotive sector (tyres or electronics), Energy sector (wind turbine components), General industrial waste processing or dismantling, Advanced AI/Robotics integration in manufacturing	4.44
E05	Romania	Female	10	Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment), Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	General industrial waste processing or dismantling	4.33
E06	Italy	Male	20	Industrial robotics and mechatronics, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment), Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Automotive sector (tyres or electronics), Energy sector (wind turbine components), General industrial waste processing or dismantling	4.33





E07	Spain	Female	14	Industrial robotics and mechatronics	Automotive sector (tyres or electronics), General industrial waste processing or dismantling, Advanced AI/Robotics integration in manufacturing	4.17
E08	Greece	Male	6	Industrial robotics and mechatronics, Artificial intelligence and data, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment)	Automotive sector (tyres or electronics), Advanced AI/Robotics integration in manufacturing	4.00
E09	Croatia	Male	10	Artificial intelligence and data, Innovation and business management: (e.g., market potential, go-to-market strategies, TRL scaling)	Advanced AI/Robotics integration in manufacturing	4.22
E10	Belgium	Male	6	Industrial robotics and mechatronics, Artificial intelligence and data, Circular economy & sustainability: (e.g., remanufacturing, recycling processes, Life Cycle Assessment)	Automotive sector (tyres or electronics), Advanced AI/Robotics integration in manufacturing	4.00

4.3 Onboarding of External Experts

The ROB4GREEN Evaluators Onboarding Meeting was held on Apr 27, 2026, establishing a framework for objective evaluation of proposals for OC1. The session focused on aligning experts with the project's mission and practical instruction on the evaluation process.

Agenda			
Slot	Duration	Title	Speaker
12:00 - 12:05	5 min	Welcome of participants	Josipa Arapović, F6S
12:05 - 12:15	10 min	Roundtable/ presentation of the team & experts	All
12:15 - 12:25	10 min	Overview of the ROB4GREEN project	Dionisis Andronas, LMS
12:25 - 12:35	10 min	Overview of the ROB4GREEN Open Call 1 (objectives & framework)	Olga Arsenović, F6S
12:35 - 12:55	20 min	Evaluation process	Josipa Arapović, F6S
12:55 - 13:00	5 min	Next steps	Josipa Arapović, F6S

Figure 8. Onboarding meeting with external expert evaluators

Evaluators were briefed on the ROB4GREEN mission and the specific technical challenges (Life Extension, Value Retention, Parts Harvesting, and Decommissioning) that applicants must address.





The following aspects were covered during the onboarding phase:

- ✓ F6S conducted a mandatory **'Know Your Customer'** check before contracting to confirm a experts's identity and assess their profile.
- ✓ **Contracting:** Evaluators were required to sign contracts via SignNow to gain access to proposals.
- ✓ **Conflict of Interest (Col) Protocols:** A mandatory Conflict of Interest check was performed, requiring evaluators to confirm they have no personal or professional ties to the assigned applicants.
- ✓ **Resource Distribution:** Experts were provided with a package including the presentation materials, meeting recording, and personalized evaluation sheets for their 12 assigned proposals.
- ✓ **Consensus & Interviews:** The presented workflow included an individual remote evaluation phase (due by May 03, 2026), followed by consensus meetings for divergent scores and mandatory online interviews for the top 16 ranked proposals on May 13–14, 2026.
- ✓ **Evaluation Ethics & Accuracy:** Evaluators were instructed to remain objective and impartial, evaluating proposals solely on their submitted merit rather than perceived potential



5 EVALUATION AND SELECTION

As extensively also presented in D7.1, the evaluation of submitted proposals is divided into four distinct phases:

1. **Phase 1 - Eligibility check:** A semi-automatic verification conducted by the ROB4GREEN team to ensure applications meet all administrative requirements, entity type rules, and geographic coverage.
2. **Phase 2 - Remote proposal evaluation:** Each eligible proposal is reviewed by a minimum of two independent experts from the evaluation board. They assess the proposals based on the core criteria defined below.
3. **Phase 3 - Online interview:** Only the top 16 ranked applications are invited to a 30-45 minute online interview and pitch session. This phase verifies the applicants' commitment and exploitation potential.
4. **Phase 4 - Final ranking and selection:** All applications are ranked based on their final Evaluation Summary Report (ESR) scores to select the top 8 proposals for funding.

Proposals are evaluated on a scale of 1 to 10 across four main categories:

- ✓ **Concept and Innovation:** Novelty and feasibility of the proposed application.
- ✓ **Technology Implementation Approach:** Quality of the work plan and co-development with the ROB4GREEN team.
- ✓ **Impact:** Market potential, scalability, and economic/societal impact.
- ✓ **Applicant Entity/Team:** Technological expertise and justification of requested resources.

To qualify for funding, proposals must reach a minimum threshold of **6/10** for each individual criterion and an overall score of at least **25/40**.

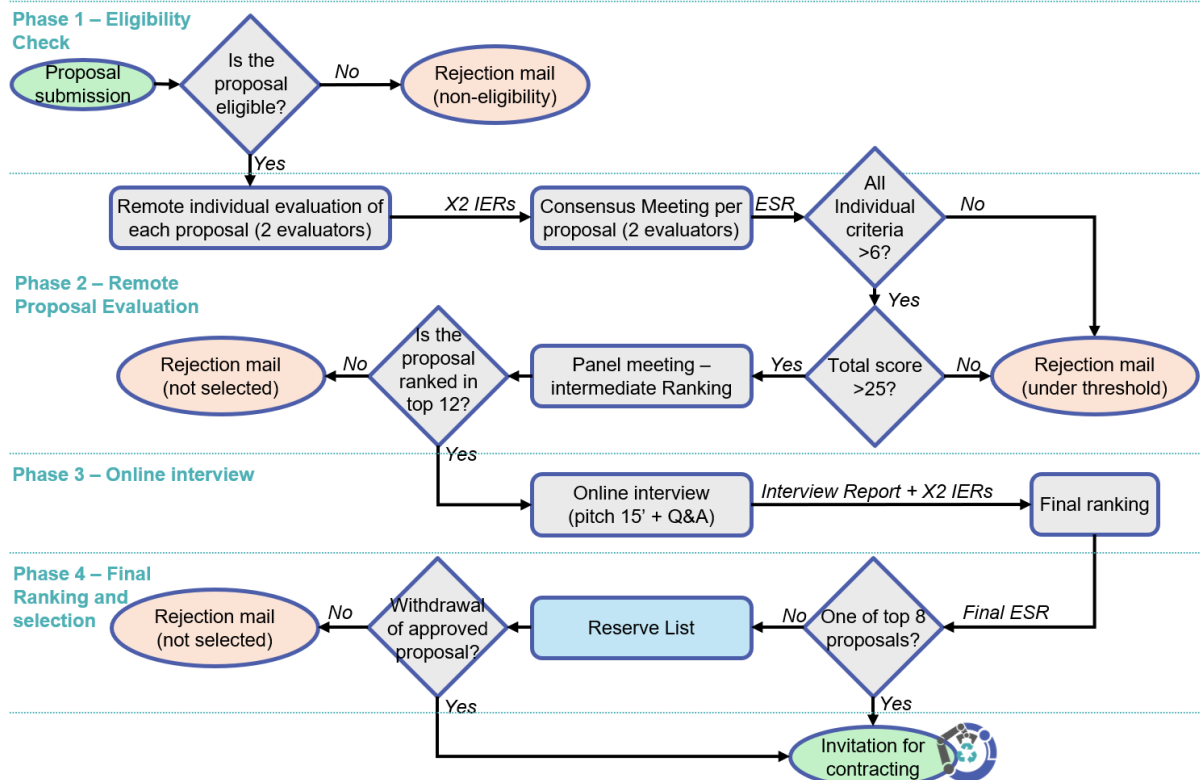


Figure 9. Evaluation process phases and steps



In line with the process visualized in Figure 9, the following subsections describe the activities and results of each phase.

5.1 Phase 1: Eligibility Check

Immediately following the closure of the submission portal, a joint administrative and technical compliance check was executed by the ROB4GREEN Open Call Management team. This action verified basic administrative criteria, country eligibilities, and general technological alignments defined in **Annex 1_ROB4GREEN OC1 Guide for Applicant** and **Annex 2_ROB4GREEN Technical Description**.

The results for this phase can be summarized as:

- **Passed:** 61 proposals proceeded to remote evaluation.
- **Rejected:** 29 proposals were disqualified and received formal rejection notices outlining these administrative grounds.

The administrative and technical screening evaluated compliance across the parameters of the two sub-sections.

5.1.1 Administrative eligibility criteria

This phase validated compliance with the following parameters:

- ✓ **Consortium Structure & Composition:** Consortia had to consist of 2 or 3 distinct, independent legal entities. The leading SME/startup and the industrial end-user must be distinct legal entities.
- ✓ **SME Establishment:** SME/Startup partners leading the pilot had to prove legal establishment for at least 12 months prior to the call deadline.
- ✓ **Language & Formatting Rules:** All proposals had to be drafted entirely in English and strictly conform to the page layout and font sizing limits specified in the official proposal template (Annex 4).
- ✓ **Mandatory File Submissions:** Correct, uncorrupted file uploads were required for Annex 3 (F6S Application Form), Annex 4 (Proposal Template), Annex 5 (Consortium Declaration of Honour), and Annex 6 (SME Status Self-Declaration).
- ✓ **Financial & Budget Ceilings:** The total requested project budget could not exceed the maximum ceiling of €300,000, and individual partner allocations were verified against the €200,000 cumulative legal limit.

For this phase, a total of **13 proposals** did not pass the initial eligibility check. These rejections were primarily due to multiple submissions from the same entity, missing or incorrectly filled mandatory annexes (such as Annex 4, 5, and 6), and exceeding the maximum page limit. Other reasons included applications from ineligible countries (USA and Switzerland), lead partners being established for less than the required 12 months, and submissions from single entities rather than the required consortium structure.

5.1.2 Technical eligibility criteria

This phase validated if each proposal:

- ✓ has a minimum TRL of 4 and ends at TRL 7 with a proper rationale/justification.
- ✓ will achieve the ROB4GREEN overall KPIs for external pilots (refer to Section 5.3 of Annex 2).
- ✓ will achieve specific Dissemination KPIs (refer to Section 5.3 of Annex 2).





- ✓ has addressed one of the ROB4GREEN challenges.
- ✓ will demonstrate the proposed solutions onsite or at relevant testbeds.
- ✓ has included a justification related to market fitness.
- ✓ has supported the comprehensive evaluation of the used ROB4GREEN tools by including end-users at the centre of the pilot's deployment and validation.

For this phase, a total of **16 proposals** did not pass the technical eligibility check. The primary reason for **failure was a misalignment with challenges' scenarios**, as many applicants focused on optimizing primary manufacturing, quality assurance, or the rework of brand-new products rather than the required post-market "R-strategies" (Repair, Refurbish, Remanufacture, etc.). Additionally, several proposals were disqualified for a **lack of physical robotic intervention**, offering purely software-based AI monitoring or IoT solutions without the mandatory hardware integration. Other reasons included failing to meet challenge-specific requirements (such as mandatory robotic dismantling phases), non-compliance with KPI commitments (e.g., social media posts), and failure to demonstrate a starting TRL of at least 4.

The projects that were not able to pass the eligibility check received an ESR that is available in **Appendix I – Evaluation Summary Report Templates**.

5.2 Phase 2.1: Remote Proposal Evaluation

The external proposal evaluation was done remotely by the expert evaluation board. This is a collective body composed of individual members, who were selected from a pool of experts that was established through a call for expressions of interest. The experts were evaluated and selected based on their knowledge of the ROB4GREEN challenges and general experience in the evaluation of proposals (e.g., Horizon 2020, HE, FSTP programmes). For more information regarding the evaluation and selection process refer to Section 4.

The **evaluators performed evaluations on an individual basis**, not as representatives of their employer, or any other entity. They are required to be independent, impartial, and objective. All evaluators are providing their services under a contract, which includes a declaration of confidentiality and the absence of conflicts of interest; that might influence the impartial and objective analysis and evaluation of all submitted proposals.

Each application was reviewed by a minimum of two experts from the expert evaluation board. They will individually evaluate each proposal based on the criteria listed in Table 6.

Table 6. Proposal evaluation criteria

#	Criteria Name	Score	Description	Threshold
1	Concept and Innovation	○ 1-2: Fail. The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information.	○ Innovation, novelty and feasibility of the proposed application or tool. ○ Design, reliability, feasibility, and quality of the proposed application or tool or pilot. ○ Instructional challenge considered.	6/10
2	Technology implementation approach	○ 3-4: Very poor. The criterion is addressed in an unsatisfactory manner.	○ Analysis of the technological and implementation capacity. ○ Quality and feasibility of the work plan (including proposed milestones). ○ Connection and co-development with ROB4GREEN team. ○ Details on how the proposed components will be tested and validated.	6/10





		○ 5: Poor. There are serious inherent weaknesses.	○ Reach to other pilots to ensure exchange and pilot enrichment.	
3	Impact	○ 6-7: Good. While the proposal broadly addresses the criterion, there are significant weaknesses that would need correcting.	○ Economic and societal impact of the proposed pilot. ○ Market potential and go to market strategy. ○ European dimension, cross-border scalability. ○ Exploitation / business plan and commercialization milestones.	6/10
4	Applicant Entity/Team	○ 8-9: Very Good. The proposal addresses the criterion well, although certain improvements are possible. ○ 10: Excellent. The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.	○ Capacity to applicant entity/team to perform the task. ○ Knowledge, technological and business expertise. ○ Financial viability/stability and capacity. ○ Commitment of the company and the team. ○ Allocation and justification of requested resources.	6/10

Each of the **two (x2) evaluators** rated the applications for each criterion on a scale from 0 (zero) to 10 (ten) and recorded his/her individual assessment using an Individual Evaluation Report (IER). The score of each criterion was the average of the scores of the evaluators rounded to the nearest integer.

The Individual Evaluation Report (IER) and Evaluation Summary Report (ESR) templates served as the standardized framework for assessing applications within the ROB4GREEN Open Call. The IER template is designed for individual evaluators to provide a structured assessment, including a formal certification of independence. Applications are evaluated based on four core criteria: Concept & Innovation (which includes a minimum quality threshold), Technology Implementation Approach, Impact, and the Applicant Entity/Team with the defined sub-criteria.

These individual assessments are then consolidated into the ESR, which provides a comprehensive overview of the proposal's details such as title, acronym, and topic alongside the final aggregated scores and qualitative feedback.

The template used for the **Individual Evaluation Report & ESR** for each application and shared among evaluators is available in Appendix II – Individual Evaluation Report Template – Remote Evaluation Phase.

It was used to determine the final scores for each assessment criterion, which were calculated as the average of their respective sub-criteria. The total score for each proposal was then derived from the sum of these individual criteria scores. To establish the final project ranking, these overall scores were rounded to the nearest integer, in accordance with the evaluation rules defined in the Guide for Applicants.

After the individual remote evaluation was conducted, the following steps were defined in the process:

- For proposals with scoring difference of more than 4 points, host a consensus meeting between both experts try to agree on scores with difference less than 4 points, in which case, experts will update their IERs accordingly.
- Consolidate the comments of both experts into a single coherent comment.



- iii. Deliver the Evaluation Summary Report (ESR), which is the average of the two IERs rounded to the nearest integer.

The Rapporteur cannot change the scores of the other expert, only update the consolidated comments.

If after the consensus meeting the experts cannot agree on scores with difference less than 4 points, a third expert will be invited to score the same proposal and act as rapporteur. The score of each criterion will be the average of the scores of the three evaluators rounded to the nearest integer.

It is noted that the minimum threshold for each criterion is 6 (Six) out of 10 (Ten), while the overall threshold (sum total) is 25 (Twenty-five) out of 40 (Forty) points.

Applications that do not meet the minimum thresholds (per criteria or overall score) will be excluded from the programme.

It is noted that for the first Open Call (OC1), no consensus meetings were required as all scoring discrepancies between evaluators remained within a 4-point range (detailed results are available in **Appendix III – Remote Evaluation Phase Scores and Results**).

5.2.1 Remote Proposal Evaluation Phase Statistics

Out of the 61 applications selected for remote evaluation phase, the distribution across the four challenges is visualized in Figure 10 and listed in Table 7. It is worth noted that the most popular challenge is C#4, followed closely by C#1, while C#2 has the fewest selected applications.

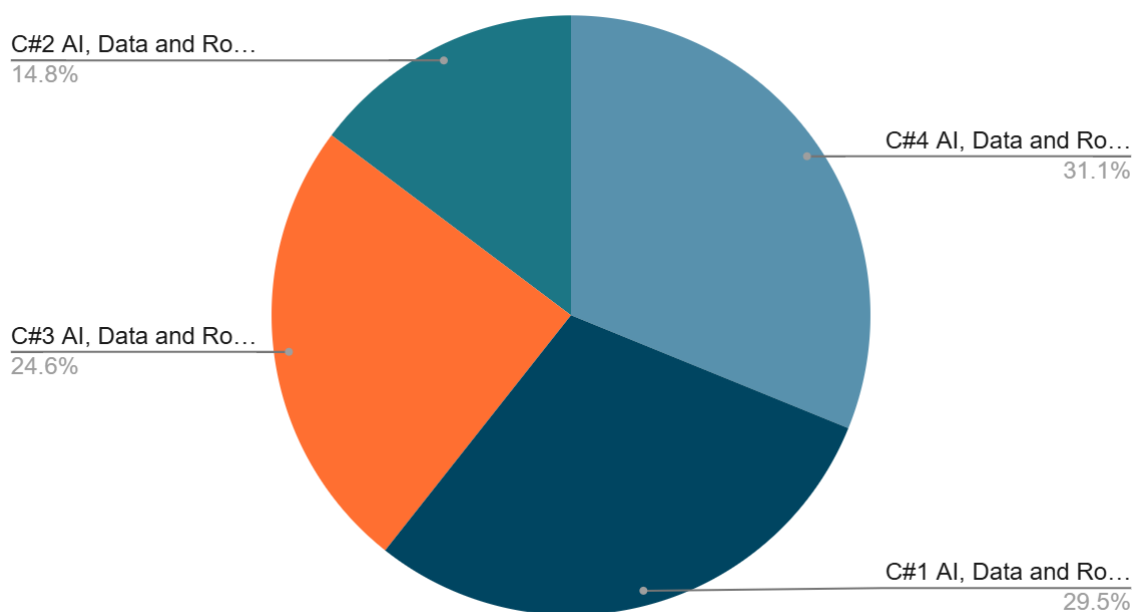


Figure 10. Challenge distribution of applicants in the remote evaluation phase

Table 7. Challenge distribution of applicants in the remote evaluation phase

Challenge number	Challenge title	Proposals per challenge
Ch #1	AI, Data and Robotics for Life Extension	18
Ch #2	AI, Data and Robotics for Value Retention	9
Ch #3	AI, Data and Robotics for Parts Harvesting	15
Ch #4	AI, Data and Robotics for Decommissioning and Recycling	19



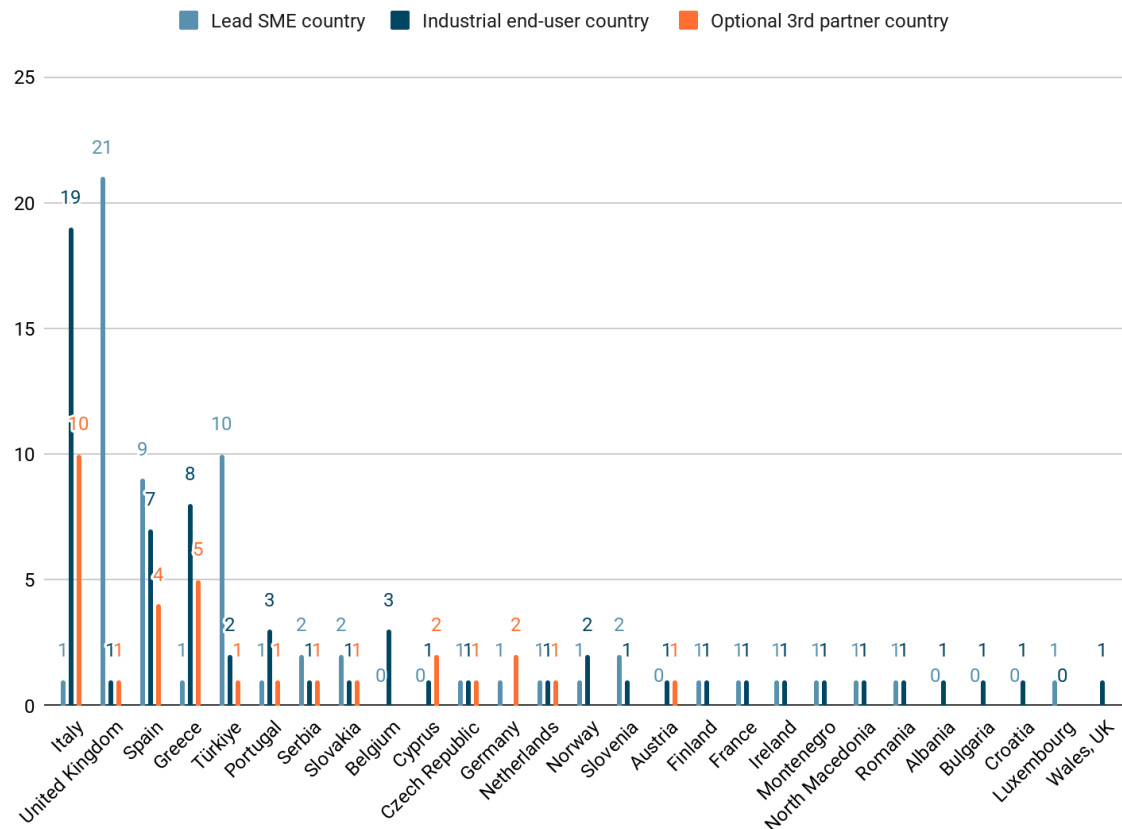


Figure 11. Country distribution of applicant consortium members in the remote evaluation phase

After reviewing also the chart of Figure 11, the data indicates that Italy, Greece, and Spain are the most active participants in the 1st Open Call **remote evaluation phase**, significantly outperforming other countries in terms of total representation across all partner roles. More specifically:

- Italy leads the group with a total of **50 participants**, including **21 Lead SMEs**, **19 Industrial end-users**, and **10 optional third partners**.
- Greece follows as the second most active country with **23 participants (10 Lead SMEs, 8 Industrial end-users, and 5 optional partners)**, while Spain ranks third with a total of **20 (9 Lead SMEs, 7 Industrial end-users, and 4 optional partners)**.
- Other notable contributors include **Portugal and Türkiye**, each with 5 participants, and **Belgium, Cyprus, Norway, and Slovakia**, each with 4.

5.3 Phase 2.2: Intermediate Ranking

In instances where proposals achieved identical total scores following the standard rounding process, an intermediate ranking procedure was implemented. This ranking utilized a semi-automated approach based on the following hierarchical rules:

- Rule 1: The proposals will be ranked based on their overall score (sum of criterion 1 to 4 scores).
- Rule 2: In case following Rule 1 there are proposals in the same position, priority will be given to proposals that their technology better fit to ROB4GREEN scope (Criterion 2).
- Rule 3: In case following Rule 2 there are proposals in the same position, priority will be given to proposals that have higher impact and market potential (Criterion 3).
- Rule 4: In case following Rule 3 there are proposals in the same position, priority will be given to the application that has a lower funding request.





- Rule 5: In case following Rule 4 there are proposals in the same position, priority will be given to the number of female researchers participating in the team.

In case following Rule 5 there are still proposals in a funding borderline position, the ROB4GREEN Open Call Management Team will invite at least 1 additional evaluator to read the specific proposals and break the tie by re-evaluating them.

At the end of this phase, all applications are ranked. The results of this ranking are available in **Appendix IV – Intermediate Ranking After Remote Evaluation**.

Concluding given that: a) there were no significant scoring deviations in the top applications per challenge, and b) there were high quality applications in all challenges; **four (x4) applicants per challenge** were invited for the next phase, as originally planned.

The final list of applications that were invited in interviews is available in **Appendix V – Top 16 Applicants Selected for Interviews**; whereas the actual interview phase is discussed in Section 5.4.

5.4 Phase 3: Online interviews

The objective of the interview phase was to better understand the proposals, particularly their quality and excellence, the expected impact and exploitation potential, quality of the workplan, quality of the applicants, and willingness to exploit the results. Any complementary material that can support the presentation of the project was acceptable during the interview.

Only the top **sixteen (x16) proposal applications were invited**, based on the results of the **Appendix V – Top 16 Applicants Selected for Interviews**

It is reminded that the top 16 selected proposals consisted of the four highest-scoring applications from each of the four challenges.

Interviews were carried out by the two external experts, that evaluated each proposal and have provided the corresponding original IERs, and two internal evaluators from the ROB4GREEN Consortium. Members of the ROB4GREEN team directly involved in the selected challenge that each proposal is addressing will participate in the interview and respective final evaluation process.

Interviews lasted approximately 30-45 minutes per application. The applicants prepared and presented a **presentation (approximately 15 minutes)** and answered any questions regarding their proposal from the internal and external evaluators.

All experts, external and internal, were responsible for delivering a new ESR with scores and comments resulting from the interview that will be considered for the final ranking and selection of Phase 4. The evaluation criteria are identical as in the previous phases.

It is noted that:

- The external experts were provided with a new simplified template that required them to either **CONFIRM** their previous scores or **provide new scores** and comments based on the applicants' performance during the interview phase.
- The technical partners included in the Interview were provided with a template that either **CONFIRMED** the previous scores provided during the remote evaluation phase or **provided new scores**. In both cases, the scores should be accompanied by the corresponding observations and comments.

The interview scoring template is presented in **Appendix VII – Individual Evaluation Report Template For Interview Phase** whereas the interview phase scores are detailed in **Appendix VI – Interview Phase Scores**.





5.5 Phase 4 – Final Ranking and selection

All applications were ranked in a single list based on their **overall score (using Phase 3's ESR for each application)**.

Eight proposals will be selected for funding (x2 per challenge, selecting the highest-scored among each challenge).

If multiple applications have the same overall score, the tie breaking criteria of the “Intermediate Ranking” was considered.

All eligible Proposal will receive:

- ✓ an acceptance or rejection letter together with
- ✓ an anonymised version of their Evaluation Summary Report (ESR), which will include “Remote Proposal Evaluation” results; and in the case of interview invitation, “Online Interview” results as well.

As explicitly stated in Annex 1 of OC#1, Phase 4 included a five (x5) working days period for receiving any appeals by the applicants upon the receipt of ESRs that informed them that their proposals were selected or not for funding. During that timing, **no appeal with sufficient evidence, that could affect scoring and/or ranking of the proposals, was received.**

The template of the Evaluation Summary Report (ESR) are displayed in **Appendix VII – Individual Evaluation Report Template For Interview Phase.**

After the final ranking, the list of successful projects can be found in **Appendix VIII – Successful Applicants.**

6 SELECTED PROPOSALS FOR FUNDING

This section summarizes key information regarding the eight successful proposals that will consist the external pilots of ROB4GREEN OC1 programme.

6.1 Challenge #1 - AI, Data and Robotics for Life Extension (Repairing)

Application ID	2722338	Proposal acronym	DAD-AGV
Proposal full name	DIE ANOTHER DAY: Autonomous Robotic Life Extension of Heavy Stamping Dies via Mobile WAAM and Directed-Energy Powder Additive Manufacturing		
Consortium:			
i. Olorin srl, iris srl			
ii. Rheinisch-Westfälische Technische Hochschule Aachen (RWTH) – Werkzeugmaschinenlabor WZL der RWTH Aachen			
Summary:			
DAD-AGV proposes an autonomous die repair cell where a thermally managed AGV carries heavy stamping dies beneath a stationary WAAM station, using a two-stage localisation pipeline (SLAM + profilometer-to-CAD registration) and an AI repair planner to generate adaptive deposition strategies — eliminating manual heavy handling and hazardous operator exposure.			

Application ID		2695170	Proposal acronym	PAIRWELD
Proposal name	full	Physical AI-enabled and field deployable robotic welding system for on-site repair and sustainable life extension of damaged structures		
Consortium:				





- i. 3D-Components AS, Mechatronics Innovation Lab AS (MIL)
- ii. G KYRGIOS & SIA E.E

Summary:

PAIRWELD is a ten-month triparty pilot initiative centred on the deployment of a collaborative robotic welding system for repair and joining operations on crane rail structures within ports and heavy industry environments.

6.2 Challenge #2 - AI, Data and Robotics for Value Retention (Refurbishing/Remanufacturing)

Application ID	2718151	Proposal acronym	FlexiBAT
Proposal full name	Flexible AI-driven robotic repurposing of heterogeneous EV batteries for scalable second-life BESS applications		
Consortium:			
i. AUTOMATIZACION DE SISTEMAS Y APLICACIONES INDUSTRIALES, S.L. ii. BEEPLANET FACTORY SL iii. Instituto Tecnológico de Aragón (ITA)			
Summary:			
The project aims to develop and validate an AI- and robotics-based system for the remanufacturing and repurposing of end-of-life electric vehicle battery modules into second-life energy storage systems.			

Application ID	2721969	Proposal acronym	FIBROBOT
Proposal full name	Robotic Fiber Repurposing for Circular Textiles		
Consortium:			
i. Aivox Srl ii. Colombo Industrie Tessili srl iii. POLITECNICO DI MILANO			
Summary:			
Leveraging AI-driven robotics to enable circular, sustainable textile manufacturing in the furniture and fashion sectors, FIBROBOT aims to demonstrate a scalable, replicable approach to embedding circular textile into production systems via deadstock textile repurposing into new products through a design- driven approach.			

6.3 Challenge #3 - AI, Data and Robotics for Parts Harvesting

Application ID	2722240	Proposal acronym	REVIVE
Proposal full name	Robotic E-mobility Vehicle Intelligent Value Extraction		
Consortium:			
i. BENDABL MONOPROSOPI IDIOTIKI KEFALAIIOUCHIKI ETAIRIA ii. HELLENIC RECYCLING CENTRE - POLYGREEN S.A. iii. Plaixus Limited			
Summary:			





REVIVE will develop, integrate and validate at TRL7 a collaborative robotic workstation for selective parts harvesting from end-of-life light e-mobility devices, deployed at HRC's operational WEEE facility in Greece.

Application ID	2714930	Proposal acronym	CIRCULAI
Proposal full name	AI Agent and Digital Product Passport Closed-Loop System for ROI-Driven Selective Parts Harvesting from End-of-Life Computers		
Consortium: i. euroDAO ii. SUEZ			
Summary: CIRCULAI addresses ROB4GREEN Challenge #3 by developing an AI Agent and Digital Product Passport (DPP) closed-loop system for ROI-driven selective parts harvesting from end-of-life computers.			

6.4 Challenge #4 - AI, Data and Robotics for Decommissioning and Recycling

Application ID	2721806	Proposal acronym	AGRI-SORT
Proposal full name	AGRI-SORT - AI-Driven Robotic Cell for Intelligent Sorting and Material Recycling of Municipal Plastics		
Consortium:			
i. VUMZ SK s.r.o., SAKO Brno a.s. ii. Slovenská poľnohospodárska univerzita v Nitre — Technická fakulta			
Summary:			
SORTEX develops a modular AI-driven robotic cell for MSW plastics sorting. A deep-learning architecture classifies 8 material types using RGB+NIR imaging, executing pick-and-place via a delta robot at 40–60 picks/min.			

Application ID	2721020	Proposal acronym	PARTNER
Proposal full name	PARTNER - AI-Powered Multi-Agent Human-Robot Teaming for Next-Generation High-Value Waste Recovery		
Consortium: i. ROBENSO ii. Hellenic Recovery Recycling Corporation iii. IDRYMA TECHNOLOGIAS KAI EREVNAS / FOUNDATION for RESEARCH AND TECHNOLOGY - HELLAS			
Summary: The PARTNER project addresses inefficiency in Material Recovery Facilities (MRFs) by transforming uncoordinated human and robot waste-sorting workflows into a cohesive, high-performing team. The system dynamically shifts robot picking priorities based on real-time human productivity and fatigue metrics to maximize material recovery. The project will integrate computer vision and multi-agent collaboration tools. Ultimately, this flexible, structured architecture will be deployed at an operational MRF to demonstrate seamless human-robot coordination and advance automated waste recovery.			





7 CONCLUSIONS

The first Open Call (OC1) of the ROB4GREEN project has successfully demonstrated the viability of the project's framework to bridge the gap between labor-intensive Re-X processing and automated circularity. Through a rigorous and transparent four-phase evaluation methodology, the project has transitioned from strategic co-design to the selection of eight high-impact external pilot projects.

Key milestones achieved during this reporting period include:

- ✓ The successful co-design and definition of four circular economy challenges—Life Extension, Value Retention, Parts Harvesting, and Decommissioning and Recycling aligned with core ROB4GREEN technological pillars.
- ✓ The establishment of a comprehensive application kit and the recruitment of a highly qualified independent Expert Evaluation Board, ensuring fair and objective assessment of all submissions.
- ✓ The call generated significant interest across Europe, resulting in 90 total submissions and 61 eligible proposals. The geographical diversity of applicants, spanning over 30 countries, underscores the broad relevance of the ROB4GREEN framework.
- ✓ Through a multi-stage process involving remote evaluation and online interviews, eight innovative consortia were selected to receive a total of €2.4 million in cascade funding. These pilots, now poised to advance from TRL 4 to TRL 7, will play a critical role in validating the interoperability and scalability of ROB4GREEN tools in real-world industrial environments.

As we move forward, the selected applicants are entering the contracting phase. The ROB4GREEN consortium remains committed to supporting these partners through the upcoming monitoring and mentoring phases, ensuring that these pilots successfully contribute to the project's overarching goal of boosting industrial competitiveness and the green transition. D7.3 will provide detailed insights into the execution of these sub-grant agreements and the subsequent progress of the funded pilot projects.





APPENDIX I – EVALUATION SUMMARY REPORT TEMPLATES

For **Phase 1 – Eligibility Check**, the following ESR template was used:



ROB4GREEN
Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling

Eligibility Letter ROB4GREEN Open Call 1

Date: XX Month 2026

From: Olga Arsenovic

ROB4GREEN Open Call Manager

F6S EU TECH INNOVATION NETWORK DAC,

Work Hub, 77 Camden Street, Lower Dublin, D02 XE80, Ireland

Subject	ROB4GREEN Open Call 1
Proposal	
Proposal code	
Applicant	Not eligible

Dear applicant,

We are contacting you regarding your submission to the ROB4GREEN Open Call 1. Having carried out the eligibility check for your application, we regret to inform you that it has not passed to the remote evaluation phase for the following reasons(s):

- xxx

If applicable, please inform all members involved in the application of this letter.

We thank you for having submitted your proposal to the open call and wish you success for your ongoing and future endeavours.

The ROB4GREEN consortium thanks you for having submitted a proposal to the open call.

Olga Arsenovic
ROB4GREEN Open Call Manager

This document is issued within the framework and for the purpose of the ROB4GREEN project. The ROB4GREEN project has received funding from the European Commission under Grant Agreement No 101189665. The opinions expressed and arguments employed herein do not necessarily reflect the official views of the European Commission. The dissemination of this document reflects only the author's view, and the European Commission is not responsible for any use that may be made of the information it contains. This document and its content are the property of the ROB4GREEN Consortium. The content of all or parts of this document can be used and distributed provided that the





ROB4GREEN project and the document are properly referenced. Each ROB4GREEN partner may use this document in conformity with the ROB4GREEN Consortium Agreement provisions.

For **Phase 4 – Final Ranking and selection**, the following ESR template was used if an applicant scored below a threshold:



ROB4GREEN
Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling

Eligibility Letter

ROB4GREEN Open Call 1

Date: XX Month 2026

From: Olga Arsenovic

ROB4GREEN Open Call Manager

F6S EU TECH INNOVATION NETWORK DAC,
Work Hub, 77 Camden Street, Lower Dublin, D02 XE80, Ireland

Subject	ROB4GREEN Open Call 1
Proposal	
Proposal code	
Applicant	Not accepted for funding/ Below the threshold

Dear applicant,

We are contacting you regarding your submission to the ROB4GREEN Open Call 1. We regret to inform you that your proposal did not meet the minimum threshold in one or more of the evaluation criteria, which is required to be considered for funding.

Please, find below the evaluation summary report (ESR), based on the comments and opinion of experts that evaluated the proposal.

SCORES AND COMMENTS FROM THE REVIEWERS	
FINAL SCORE: <i>Each criteria is scored [1-10] / Threshold per Criteria [6.00]</i> <i>Overall Threshold [25/40]</i>	/ 40
CONCEPT & INNOVATION	/ 10
TECHNOLOGY IMPLEMENTATION APPROACH	/ 10





IMPACT	/ 10
APPLICANT ENTITY/ TEAM	/ 10

If applicable, please inform all members involved in the application of this letter.

We thank you for having submitted your proposal to the open call and wish you success for your ongoing and future endeavours.

The ROB4GREEN consortium thanks you for having submitted a proposal to the open call.

Olga Arsenovic
ROB4GREEN Open Call Manager

This document is issued within the framework and for the purpose of the ROB4GREEN project. The ROB4GREEN project has received funding from the European Commission under Grant Agreement No 101189665. The opinions expressed and arguments employed herein do not necessarily reflect the official views of the European Commission. The dissemination of this document reflects only the author's view, and the European Commission is not responsible for any use that may be made of the information it contains. This document and its content are the property of the ROB4GREEN Consortium. The content of all or parts of this document can be used and distributed provided that the ROB4GREEN project and the document are properly referenced. Each ROB4GREEN partner may use this document in conformity with the ROB4GREEN Consortium Agreement provisions.





For **Phase 4 – Final Ranking and selection**, the following ESR template was used if an applicant scored above thresholds:



ROB4GREEN
Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling

Eligibility Letter

ROB4GREEN Open Call 1

Date: XX Month 2026

From: Olga Arsenovic

ROB4GREEN Open Call Manager

F6S EU TECH INNOVATION NETWORK DAC,
Work Hub, 77 Camden Street, Lower Dublin, D02 XE80, Ireland

Subject	ROB4GREEN Open Call 1
Proposal	
Proposal code	
Applicant	Not accepted for funding

Dear applicant,

We are contacting you regarding your submission to the ROB4GREEN Open Call 1. We regret to inform you that although your proposal has met the minimum threshold for evaluation, the final score is not sufficient to be selected for funding.

Please, find below the evaluation summary report (ESR), based on the comments and opinion of experts that evaluated the proposal.

SCORES AND COMMENTS FROM THE REVIEWERS	
FINAL SCORE: <i>Each criteria is scored [1-10] / Threshold per Criteria [6.00]</i> <i>Overall Threshold [25/40]</i>	/ 40
CONCEPT & INNOVATION	/ 10
TECHNOLOGY IMPLEMENTATION APPROACH	/ 10
IMPACT	/ 10





APPLICANT ENTITY/ TEAM	/ 10

If applicable, please inform all members involved in the application of this letter.

We thank you for having submitted your proposal to the open call and wish you success for your ongoing and future endeavours.

The ROB4GREEN consortium thanks you for having submitted a proposal to the open call.

Olga Arsenovic
ROB4GREEN Open Call Manager

This document is issued within the framework and for the purpose of the ROB4GREEN project. The ROB4GREEN project has received funding from the European Commission under Grant Agreement No 101189665. The opinions expressed and arguments employed herein do not necessarily reflect the official views of the European Commission. The dissemination of this document reflects only the author's view, and the European Commission is not responsible for any use that may be made of the information it contains. This document and its content are the property of the ROB4GREEN Consortium. The content of all or parts of this document can be used and distributed provided that the ROB4GREEN project and the document are properly referenced. Each ROB4GREEN partner may use this document in conformity with the ROB4GREEN Consortium Agreement provisions.





For **Phase 4 – Final Ranking and selection**, the following ESR template was used if an applicant was selected for funding:



ROB4GREEN
Robotics and AI as Enablers for Greener Dismantling, Remanufacturing and Recycling

Eligibility Letter

ROB4GREEN Open Call 1

Date: XX Month 2026

From: Olga Arsenovic

ROB4GREEN Open Call Manager

F6S EU TECH INNOVATION NETWORK DAC,
Work Hub, 77 Camden Street, Lower Dublin, D02 XE80, Ireland

Subject	ROB4GREEN Open Call 1
Proposal	
Proposal code	
Applicant	Accepted for funding

Dear applicant,

We are contacting you regarding your submission to the ROB4GREEN Open Call 1. We are pleased to inform you that your proposal has been favourably evaluated by the ROB4GREEN evaluators. Subsequently, we wish to invite you to the preparation of the sub-grant agreement and to access the ROB4GREEN Assistance programme.

Please, find below the evaluation summary report (ESR), based on the comments and opinion of experts that evaluated the proposal.

SCORES AND COMMENTS FROM THE REVIEWERS	
FINAL SCORE: <i>Each criteria is scored [1-10] / Threshold per Criteria [6.00]</i> <i>Overall Threshold [25/40]</i>	/ 40
CONCEPT & INNOVATION	/ 10
TECHNOLOGY IMPLEMENTATION APPROACH	/ 10
IMPACT	/ 10





APPLICANT ENTITY/ TEAM	/ 10

SCORES AND COMMENTS FROM THE INTERVIEWS	
FINAL SCORE: <i>Each criteria is scored [1-10] / Threshold per Criteria [6.00]</i> <i>Overall Threshold [25/40]</i>	/ 40
CONCEPT & INNOVATION	/ 10
TECHNOLOGY IMPLEMENTATION APPROACH	/ 10
IMPACT	/ 10
APPLICANT ENTITY/ TEAM	/ 10

If applicable, please inform all members involved in the application of this letter.

We thank you for having submitted your proposal to the open call and wish you success for your ongoing and future endeavours.

The ROB4GREEN consortium thanks you for having submitted a proposal to the open call.

Olga Arsenovic
ROB4GREEN Open Call Manager

This document is issued within the framework and for the purpose of the ROB4GREEN project. The ROB4GREEN project has received funding from the European Commission under Grant Agreement No 101189665. The opinions expressed and arguments employed herein do not necessarily reflect the official views of the European Commission. The dissemination of this document reflects only the author's view, and the European Commission is not responsible for any use that may be made of the information it contains. This document and its content are the property of the ROB4GREEN Consortium. The content of all or parts of this document can be used and distributed provided that the ROB4GREEN project and the document are properly referenced. Each ROB4GREEN partner may use this document in conformity with the ROB4GREEN Consortium Agreement provisions.





APPENDIX II – INDIVIDUAL EVALUATION REPORT TEMPLATE – REMOTE EVALUATION PHASE

The template provided to the external experts, for the remote evaluation phase, is the following:

Remote Evaluation Phase				
	Application ID			FINAL SCORE
	Proposal title			
	Proposal acronym			
	Proposal topic			#DIV/0!
1. CONCEPT & INNOVATION (0,00 to 10,00) - Threshold is 6,00				#DIV/0!
CONCEPT & INNOVATION	Innovation, novelty and feasibility of the proposed application or tool.	Select	#DIV/0!	
	Design, reliability, feasibility, and quality of the proposed application or tool or pilot.	Select		
	Instructional challenge considered.	Select		
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select		
Comments for the applicant	<i>Related to this section, give your overall POSITIVE IMPRESSIONS considering ALL the items scored above.</i>			
	<i>Related to this section, give your overall NEGATIVE IMPRESSIONS considering ALL the items scored above. MANDATORY TO INCLUDE ITEMS IF THERE ARE SCORES LESS THAN 6.</i> <i>- Highlight less positive points.</i> <i>- Identify what should be corrected if the project was chosen for funding.</i> <i>- Recommend things they can implement to improve the project.</i>			
2. TECHNOLOGY IMPLEMENTATION APPROACH (0,00 to 10,00) - Threshold is 6,00				#DIV/0!
TECHNOLOGY IMPLEMENTATION APPROACH	Analysis of the technological and implementation capacity.	Select	#DIV/0!	
	Quality and feasibility of the work plan (including proposed milestones).	Select		
	Connection and co-development with ROB4GREEN team.	Select		
	Details on how the proposed components will be tested and validated.	Select		
	Reach to other pilots to ensure exchange and pilot enrichment.	Select		



	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select	
Comments for the applicant	<i>Related to this section, give your overall POSITIVE IMPRESSIONS considering ALL the items scored above.</i>		
	<i>Related to this section, give your overall NEGATIVE IMPRESSIONS considering ALL the items scored above. MANDATORY TO INCLUDE ITEMS IF THERE ARE SCORES LESS THAN 6.</i> <i>- Highlight less positive points.</i> <i>- Identify what should be corrected if the project was chosen for funding.</i> <i>- Recommend things they can implement to improve the project.</i>		
3. IMPACT (0,00 to 10,00) - Threshold is 6,00			#DIV/0!
IMPACT	Economic and societal impact of the proposed pilot.	Select	#DIV/0!
	Market potential and go to market strategy.	Select	
	European dimension, cross-border scalability.	Select	
	Exploitation / business plan and commercialization milestones.	Select	
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select	
Comments for the applicant	<i>Related to this section, give your overall POSITIVE IMPRESSIONS considering ALL the items scored above.</i>		
	<i>Related to this section, give your overall NEGATIVE IMPRESSIONS considering ALL the items scored above. MANDATORY TO INCLUDE ITEMS IF THERE ARE SCORES LESS THAN 6.</i> <i>- Highlight less positive points.</i> <i>- Identify what should be corrected if the project was chosen for funding.</i> <i>- Recommend things they can implement to improve the project.</i>		
4. APPLICANT ENTITY/ TEAM (0,00 to 10,00) - Threshold is 6,00			#DIV/0!
APPLICANT ENTITY/ TEAM	Capacity to applicant entity/team to perform the task.	Select	#DIV/0!
	Knowledge, technological and business expertise.	Select	
	Financial viability/stability and capacity.	Select	
	Commitment of the company and the team.	Select	





	Allocation and justification of requested resources.	Select	
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select	
Comments for the applicant	<i>Related to this section, give your overall <u>POSITIVE IMPRESSIONS</u> considering <u>ALL</u> the items scored above.</i>		
	<i>Related to this section, give your overall <u>NEGATIVE IMPRESSIONS</u> considering <u>ALL</u> the items scored above. MANDATORY TO INCLUDE ITEMS IF THERE ARE SCORES LESS THAN 6.</i> <i>- Highlight less positive points.</i> <i>- Identify what should be corrected if the project was chosen for funding.</i> <i>- Recommend things they can implement to improve the project.</i>		





APPENDIX III – REMOTE EVALUATION PHASE SCORES AND RESULTS

The remote evaluation phase final average scores (rounded) are attached here:

Proposal ID	Evaluator 1					Evaluator 2					Average				
	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total
<u>2721020</u>	9	9	9	10	37	8	8	8	9	33	9	9	9	10	37
<u>2720048</u>	9	8	8	8	33	10	10	10	9	39	10	9	9	9	37
<u>2714912</u>	8	9	9	9	35	10	9	8	10	37	9	9	9	10	37
<u>2714930</u>	9	9	7	7	32	10	8	10	9	37	10	9	9	8	36
<u>2722176</u>	8	8	8	9	33	9	8	9	9	35	9	8	9	9	35
<u>2722043</u>	8	8	9	9	34	9	8	8	9	34	9	8	9	9	35
<u>2722338</u>	9	8	9	8	34	9	8	8	9	34	9	8	9	9	35
<u>2722323</u>	9	8	9	7	33	8	9	9	9	35	9	9	9	8	35
<u>2722078</u>	8	7	8	9	32	9	8	9	8	34	9	8	9	9	35
<u>2721512</u>	7	7	7	9	30	9	8	10	10	37	8	8	9	10	35
<u>2722240</u>	9	7	8	8	32	8	9	8	10	35	9	8	8	9	34
<u>2721806</u>	8	8	9	9	34	8	8	9	8	33	8	8	9	9	34
<u>2697527</u>	7	7	8	8	30	8	9	9	10	36	8	8	9	9	34
<u>2718151</u>	7	6	7	7	27	8	9	10	10	37	8	8	9	9	34
<u>2721969</u>	8	7	6	7	28	10	9	10	10	39	9	8	8	9	34
<u>2721647</u>	9	8	8	9	34	9	8	8	8	33	9	8	8	9	34
<u>2721611</u>	8	8	9	9	34	8	7	8	8	31	8	8	9	9	34





<u>2720142</u>	7	8	9	9	33	8	8	9	9	34	8	8	9	9	34
<u>2718130</u>	8	7	8	8	31	9	8	8	9	34	9	8	8	9	34
<u>2695170</u>	10	9	10	9	38	7	7	7	7	28	9	8	9	8	34
<u>2722104</u>	7	6	8	8	29	10	9	10	8	37	9	8	9	8	34
<u>2721656</u>	7	8	8	9	32	8	8	8	9	33	8	8	8	9	33
<u>2721422</u>	9	8	7	9	33	9	7	8	7	31	9	8	8	8	33
<u>2722265</u>	7	7	7	8	29	9	8	9	9	35	8	8	8	9	33
<u>2718997</u>	9	9	9	8	35	7	6	8	8	29	8	8	9	8	33
<u>2722145</u>	8	8	7	8	31	8	7	9	9	33	8	8	8	9	33
<u>2722012</u>	8	8	8	9	33	8	8	7	8	31	8	8	8	9	33
<u>2721665</u>	8	7	8	8	31	8	8	8	9	33	8	8	8	9	33
<u>2721644</u>	8	8	8	8	32	8	7	9	8	32	8	8	9	8	33
<u>2720426</u>	8	8	8	9	33	6	7	8	10	31	7	8	8	10	33
<u>2719553</u>	10	9	10	10	39	8	6	6	6	26	9	8	8	8	33
<u>2721997</u>	7	6	8	7	28	8	9	8	9	34	8	8	8	8	32
<u>2717467</u>	7	7	7	7	28	7	9	8	10	34	7	8	8	9	32
<u>2721501</u>	7	7	7	7	28	8	8	9	9	34	8	8	8	8	32
<u>2715968</u>	9	7	7	7	30	8	8	7	8	31	9	8	7	8	32
<u>2715688</u>	7	7	7	8	29	9	9	9	8	35	8	8	8	8	32
<u>2721541</u>	8	7	7	8	30	8	6	8	8	30	8	7	8	8	31
<u>2721383</u>	6	6	7	6	25	8	9	8	9	34	7	8	8	8	31
<u>2720018</u>	8	7	9	9	33	7	6	7	7	27	8	7	8	8	31





<u>2718100</u>	7	6	6	8	27	8	8	8	9	33	8	7	7	9	31
<u>2721494</u>	7	7	7	8	29	9	9	7	7	32	8	8	7	8	31
<u>2718679</u>	6	6	8	8	28	7	8	8	9	32	7	7	8	9	31
<u>2708453</u>	8	8	8	9	33	7	6	7	7	27	8	7	8	8	31
<u>2722229</u>	8	7	7	9	31	7	7	7	7	28	8	7	7	8	30
<u>2722228</u>	6	6	6	6	24	8	9	8	9	34	7	8	7	8	30
<u>2722198</u>	8	7	8	8	31	7	6	6	7	26	8	7	7	8	30
<u>2721651</u>	9	8	8	9	34	7	6	6	6	25	8	7	7	8	30
<u>2722331</u>	8	8	8	9	33	6	5	7	6	24	7	7	8	8	30
<u>2722036</u>	7	7	9	7	30	7	7	7	8	29	7	7	8	8	30
<u>2722006</u>	7	7	5	8	27	8	8	7	7	30	8	8	6	8	30
<u>2720721</u>	8	7	7	9	31	8	7	6	7	28	8	7	7	8	30
<u>2717714</u>	7	6	7	7	27	8	8	7	8	31	8	7	7	8	30
<u>2715124</u>	8	8	8	9	33	7	6	6	7	26	8	7	7	8	30
<u>2721490</u>	7	7	7	8	29	7	6	6	7	26	7	7	7	8	29
<u>2722035</u>	7	6	5	9	27	9	8	6	7	30	8	7	6	8	29
<u>2721994</u>	8	7	8	9	32	5	5	7	7	24	7	6	8	8	29
<u>2722230</u>	7	6	7	8	28	6	6	6	7	25	7	6	7	8	28
<u>2721516</u>	8	7	7	8	30	5	5	6	6	22	7	6	7	7	27
<u>2722295</u>	6	6	6	7	25	7	6	6	7	26	7	6	6	7	26
<u>2722303</u>	6	5	6	6	23	7	6	6	6	25	7	6	6	6	25
<u>2722212</u>	5	5	5	6	21	2	2	2	4	10	4	4	4	5	17





APPENDIX IV – INTERMEDIATE RANKING AFTER REMOTE EVALUATION

The ranking of applications upon the remote evaluations (with total average score equal or greater that 32 points) is the following:

Proposal ID	Evaluator 1					Evaluator 2					Average					Intermediate Rank
	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	
2714912	8	9	9	9	35	10	9	8	10	37	9	9	9	10	37	1
2720048	9	8	8	8	33	10	10	10	9	38	10	9	9	9	37	2
2721020	9	9	9	10	36	8	8	8	9	33	9	9	9	10	37	3
2714930	9	9	7	7	32	10	8	10	9	37	10	9	9	8	36	4
2722323	9	8	9	7	33	8	9	9	9	35	9	9	9	8	35	5
2722176	8	8	8	9	33	9	8	9	9	35	9	8	9	9	35	6
2722043	8	8	9	9	34	9	8	8	9	34	9	8	9	9	35	7
2722338	9	8	9	8	33	9	8	8	9	34	9	8	9	9	35	8
2722078	8	7	8	9	32	9	8	9	8	34	9	8	9	9	35	9
2721512	7	7	7	9	30	9	8	10	10	37	8	8	9	10	35	10
2721969	8	7	6	7	29	10	9	10	10	39	9	8	8	9	34	11
2721647	9	8	8	9	34	9	8	8	8	32	9	8	8	9	34	12
2722240	9	7	8	8	31	8	9	8	10	35	9	8	8	9	34	13
2721806	8	8	9	9	34	8	8	9	8	33	8	8	9	9	34	14
2695170	10	9	10	9	38	7	7	7	7	28	9	8	9	8	34	15
2720142	7	8	9	9	32	8	8	9	9	34	8	8	9	9	34	16
2697527	7	7	8	8	29	8	9	9	10	36	8	8	9	9	34	17





2718151	7	6	7	7	27	8	9	10	10	37	8	8	9	9	34	18
2721611	8	8	9	9	34	8	7	8	8	31	8	8	9	9	34	19
2718130	8	7	8	8	32	9	8	8	9	33	9	8	8	9	34	20
2722104	7	6	8	8	28	10	9	10	8	37	9	8	9	8	34	21
2721656	7	8	8	9	32	8	8	8	9	34	8	8	8	9	33	22
2719553	10	9	10	10	39	8	6	6	6	26	9	8	8	8	33	23
2722012	8	8	8	9	33	8	8	7	8	30	8	8	8	9	33	24
2720426	8	8	8	9	33	6	7	8	10	31	7	8	8	10	33	25
2721665	8	7	8	8	30	8	8	8	9	33	8	8	8	9	33	26
2722145	8	8	7	8	31	8	7	9	9	33	8	8	8	9	33	27
2721644	8	8	8	8	32	8	7	9	8	32	8	8	9	8	33	28
2718997	9	9	9	8	35	7	6	8	8	29	8	8	9	8	33	29
2721422	9	8	7	9	34	9	7	8	7	30	9	8	8	8	33	30
2722265	7	7	7	8	27	9	8	9	9	34	8	8	8	9	33	31
2717467	7	7	7	7	28	7	9	8	10	33	7	8	8	9	32	32
2715688	7	7	7	8	29	9	9	9	8	34	8	8	8	8	32	33
2721501	7	7	7	7	28	8	8	9	9	34	8	8	8	8	32	34
2721997	7	6	8	7	28	8	9	8	9	34	8	8	8	8	32	35
2715968	9	7	7	7	31	8	8	7	8	30	9	8	7	8	32	36





APPENDIX V – TOP 16 APPLICANTS SELECTED FOR INTERVIEWS

The top 16 selected proposals (consisted of the **four highest-scoring applications from each of the four challenges**) are the following:

Proposal ID	Proposal acronym	Evaluator 1					Evaluator 2					Average						Challenge	TOP 16 selected
		Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Intermediate rank		
2714912	ROSARCH	8	9	9	9	35	10	9	8	10	37	9	9	9	10	37	1	C#3	Yes
2720048	AURORA	9	8	8	8	33	10	10	10	9	38	10	9	9	9	37	2	C#3	Yes
2721020	PARTNER	9	9	9	10	36	8	8	8	9	33	9	9	9	10	37	3	C#4	Yes
2714930	CIRCULAI	9	9	7	7	32	10	8	10	9	37	10	9	9	8	36	4	C#3	Yes
2722323	REGAIIn	9	8	9	7	33	8	9	9	9	35	9	9	9	8	35	5	C#2	Yes
2722176	RENEW	8	8	8	9	33	9	8	9	9	35	9	8	9	9	35	6	C#1	Yes
2722043	WELD4LIFE	8	8	9	9	34	9	8	8	9	34	9	8	9	9	35	7	C#1	Yes
2722338	DAD-AGV	9	8	9	8	33	9	8	8	9	34	9	8	9	9	35	8	C#1	Yes
2722078	ASTRO	8	7	8	9	32	9	8	9	8	34	9	8	9	9	35	9	C#2	Yes
2721512	ROBIN	7	7	7	9	30	9	8	10	10	37	8	8	9	10	35	10	C#4	Yes
2721969	FBRT	8	7	6	7	29	10	9	10	10	39	9	8	8	9	34	11	C#2	Yes
2721647	CIRCULARAEE	9	8	8	9	34	9	8	8	8	32	9	8	8	9	34	12	C#4	Yes
2722240	REVIVE	9	7	8	8	31	8	9	8	10	35	9	8	8	9	34	13	C#3	Yes
2721806	AGRI-SORT	8	8	9	9	34	8	8	9	8	33	8	8	9	9	34	14	C#4	Yes
2695170	PAIRWELD	10	9	10	9	38	7	7	7	7	28	9	8	9	8	34	15	C#1	Yes
2720142	SOLBACK	7	8	9	9	32	8	8	9	9	34	8	8	9	9	34	16	C#4	No
2697527	SAFESTREAM	7	7	8	8	29	8	9	9	10	36	8	8	9	9	34	17	C#4	No
2718151	FlexiBAT	7	6	7	7	27	8	9	10	10	37	8	8	9	9	34	18	C#2	Yes





APPENDIX VI – INTERVIEW PHASE SCORES

The scoring of external and internal evaluators upon completion of interviews is the following:

Proposal ID	Proposal acronym	Evaluator 1					Evaluator 2					Technical Partner Evaluator 1					Technical Partner Evaluator 2					Final Averages					Challenge	Ranked
		Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total	Cr1	Cr2	Cr3	Cr4	Total		
2714930	CIRCULAI	9	9	8	7	33	10	8	10	9	37	8	8	8	9	33	10	9	9	9	37	9	9	9	9	36	C#3	1
2722240	REVIVE	9	7	8	8	32	9	9	8	10	36	9	8	9	8	34	8	9	9	9	35	9	8	9	9	35	C#3	2
2718151	FlexiBAT	7	8	7	8	30	8	9	10	10	37	9	9	8	8	34	8	8	9	8	33	8	9	9	9	35	C#2	2
2721806	AGRI-SORT	8	8	9	9	34	8	8	9	8	33	9	8	8	8	33	9	7	8	9	33	9	8	9	9	35	C#4	2
2722338	DAD-AGV	9	8	9	8	34	9	8	8	9	34	9	9	8	8	34	9	8	8	9	34	9	8	8	9	34	C#1	5
2721969	FBRT	8	7	6	7	28	10	9	10	10	39	9	8	8	9	34	9	6	8	9	32	9	8	8	9	34	C#2	5
2721020	PARTNER	10	9	9	10	38	8	8	8	9	33	6	8	7	8	29	6	9	8	10	33	8	9	8	9	34	C#4	5
2722323	REGAI	9	9	9	9	36	9	9	9	9	36	6	7	7	8	28	9	6	6	8	29	8	8	8	9	33	C#2	8
2695170	PAIRWELD	10	9	10	9	38	7	7	7	7	28	9	9	8	9	35	9	7	7	7	30	9	8	8	8	33	C#1	8
2722043	WELD4LIFE	8	8	9	9	34	9	8	8	9	34	6	6	8	9	29	9	7	9	8	33	8	7	9	9	33	C#1	8
2722078	ASTRO	8	8	8	9	33	9	8	9	8	34	7	7	7	8	29	6	8	8	9	31	8	8	8	9	33	C#2	8
2722176	RENEW	8	8	8	9	33	9	8	9	9	35	6	7	6	9	28	6	9	8	9	32	7	8	8	9	32	C#1	12
2714912	ROSARCH	8	9	9	9	35	10	9	10	10	39	6	7	7	9	29	6	5	7	5	23	8	8	8	8	32	C#3	12
2721647	CIRCULARAEE	9	8	8	9	34	9	8	8	8	33	6	7	7	8	28	9	8	8	8	33	8	8	8	8	32	C#4	12
2721512	ROBIN	7	7	7	9	30	9	8	10	10	37	6	6	7	6	25	9	5	7	7	28	8	7	8	8	31	C#4	15
2720048	AURORA	9	5	8	8	30	10	10	10	9	39	6	7	7	6	26	4	5	5	5	19	7	7	8	7	29	C#3	16





Previous scores lead to the list of top 2 applications for funding in addition to the reserve list proposals, per challenge. More specifically:

Proposal ID	Proposal Acronym	C1	C2	C3	C4	Total Score	Ranked	Challenge	Top 8 selected
2714930	CIRCULAI	9	9	9	9	36	1	C#3	YES
2718151	FlexiBAT	8	9	9	9	35	2	C#2	YES
2722240	REVIVE	9	8	9	9	35	3	C#3	YES
2721806	AGRI-SORT	9	8	9	9	35	4	C#4	YES
2721020	PARTNER	8	9	8	9	34	5	C#4	YES
2722338	DAD-AGV	9	8	8	9	34	6	C#1	YES
2721969	FBRT	9	8	8	9	34	7	C#2	YES
2695170	PAIRWELD	9	8	8	8	33	8	C#1	YES
2722078	ASTRO	8	8	8	9	33	9	C#2	Reserve list
2722323	REGAI	8	8	8	9	33	10	C#2	NO
2722043	WELD4LIFE	8	7	9	9	33	11	C#1	Reserve list
2722176	RENEW	7	8	8	9	32	12	C#1	NO
2721647	CIRCULARAEE	8	8	8	8	32	13	C#4	Reserve list
2714912	ROSARCH	8	8	8	8	32	14	C#3	Reserve list
2721512	ROBIN	8	7	8	8	31	15	C#4	NO
2720048	AURORA	7	7	8	7	29	16	C#3	NO





APPENDIX VII – INDIVIDUAL EVALUATION REPORT TEMPLATE FOR INTERVIEW PHASE

During the interview phase, the template used for IERs is the following

Interview phase			
Application ID			FINAL SCORE
Proposal title			
Proposal acronym			
Proposal topic			#DIV/0!
1. CONCEPT & INNOVATION (0,00 to 10,00) - <i>Threshold is 6,00</i>			#DIV/0!
CONCEPT & INNOVATION	I agree and validate the comments and scores provided during remote evaluation phase.	Select: YES/NO	#DIV/0!
	If NO, proposed score for this criterion, with the following comments:	Select: 1-10	
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select: YES/NO	
Comments for the applicant	Positives		
	Negatives		
2. TECHNOLOGY IMPLEMENTATION APPROACH (0,00 to 10,00) - <i>Threshold is 6,00</i>			#DIV/0!
TECHNOLOGY IMPLEMENTATION APPROACH	I agree and validate the comments and scores provided during remote evaluation phase.	Select: YES/NO	#DIV/0!
	If NO, proposed score for this criterion, with the following comments:	Select: 1-10	



	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select: YES/NO	
Comments for the applicant	Positives		
	Negatives		
3. IMPACT (0,00 to 10,00) - Threshold is 6,00			#DIV/0!
IMPACT	I agree and validate the comments and scores provided during remote evaluation phase.	Select: YES/NO	#DIV/0!
	If NO, proposed score for this criterion, with the following comments:	Select: 1-10	
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select: YES/NO	
Comments for the applicant	Positives		
	Negatives		





4. APPLICANT ENTITY/ TEAM (0,00 to 10,00) - Threshold is 6,00			#DIV/0!
APPLICANT ENTITY/ TEAM	I agree and validate the comments and scores provided during remote evaluation phase.	Select: YES/NO	#DIV/0!
	If NO, proposed score for this criterion, with the following comments:	Select: 1-10	
	I CONFIRM THAT THE SCORE MATCHES WITH THE COMMENTS PROVIDED BELOW	Select: YES/NO	
Comments for the applicant	Positives		
	Negatives		





APPENDIX VIII – SUCCESSFUL APPLICANTS

The selection of final 8 applicants was conducted **by selecting the 2 top ranked applicants among their challenge**. The final list is the following:

Proposal ID	Proposal Acronym	C1	C2	C3	C4	Total Score	Ranked	Challenge	Budget (€)
2714930	CIRCULAI	9	9	9	9	36	1	C#3	300,000
2718151	FlexiBAT	8	9	9	9	35	2	C#2	299,334.54
2722240	REVIVE	9	8	9	9	35	3	C#3	299,675
2721806	AGRI-SORT	9	8	9	9	35	4	C#4	295,000
2721020	PARTNER	8	9	8	9	34	5	C#4	300,000
2722338	DAD-AGV	9	8	8	9	34	6	C#1	300,000
2721969	FBRT	9	8	8	9	34	7	C#2	299,652.6
2695170	PAIRWELD	9	8	8	8	33	8	C#1	299,842

