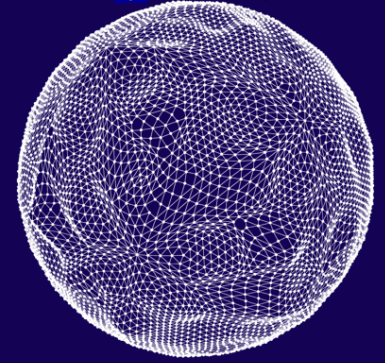




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D 8.4 Final ranking of evaluated applications, produced by the different (funded projects, student projects and socio economic study)

Name of the project:

ATTRACT₂

Grant Agreement contract number:

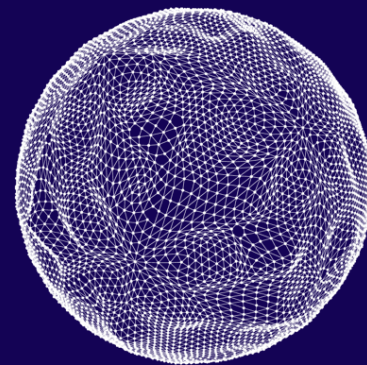
GA- 101004462

Date:

21/01/2022

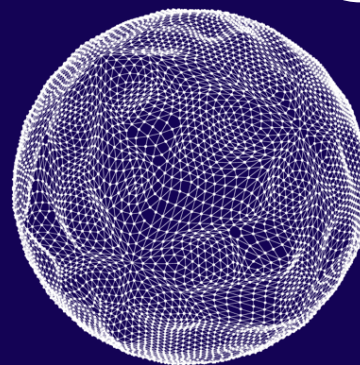


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ATTRACT Phase 2: Evaluation Process regarding the three open calls





Introductory note

The evaluation process followed the evaluation criteria already stated in the public Guide for Applicants for each call. Those were submitted as well as a deliverable to the EC which was approved previous to the launching of the call. D1.1. Report on Rules and regulations of the Open Call, including also the ones of the Student projects and the Socio-Economic Study, and submission and evaluation.

Summary of the Independent R&D&I Committee evaluation process for the selection of proposals to be funded in the ATTRACT Phase 2 thematic Open Call

Introduction

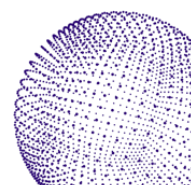
As contemplated in the ATTRACT Phase 2 submitted proposal and Grant Agreement, after the deadline of the ATTRACT Phase 2 thematic open call, the ATTRACT Phase 2 Independent R&D&I Committee, under the mandate of the ATTRACT Project Consortium Board (PCB), carried an evaluation period.

Its final objective was the confectioning of a consensus list of proposals to be approved by the PCB, to be funded as well as a list of proposal in the reserve list (see Appendix). The number of projects evaluated by the IC in the reflection period was 68, which is the totality of projects submitted to the ATTRACT Phase 2 call.

Structure of the Reflection Period

The reflection period was supported by the ATTRACT Project Administrative Office (PAO) and which counted with the presence of the EC was carried out in three stages:

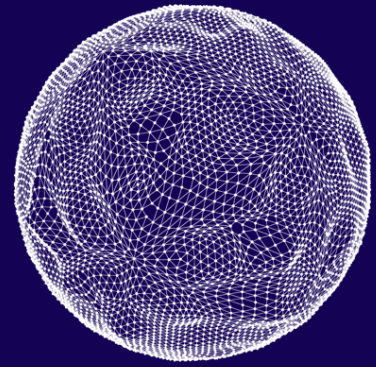
1. Preparatory Meetings (October 11, 2021)





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1.1. Meetings Objectives

- Agreement, by consensus, on the distribution of the submitted proposals among the IC members.
- Agreement on the evaluation procedures and logistics

1.2. Meeting results and agreed next steps:

The two objectives were reached by consensus. At the finalization of the last preparatory meeting, the next steps agreed upon were:

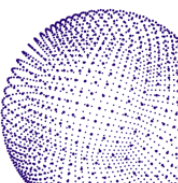
- The proposals were distributed following the thematic of submissions and evaluated by the same IC member's teams that were formed for the process of defining the Attract Phase 2 call themes. As such it was ensured that a minimum of three IC members were reading each proposal.
- Each team was to perform a detailed reading of the proposals assigned and elaborating a preliminary score and ranking. This process entailed also internal meetings among each IC teams for alignment before the first consensus meeting (see further).
- The need for at least two consensus meetings for achieving the final result (see further).
- It was also agreed and encouraged that any IC member could read any project that was not strictly assigned to her/his team.
- The procedures and objectives of the first consensus meeting (see further).

2. **First Consensus Meeting (November 26-27, 2021)**

2.1. Meeting Objective

The objective of the First Consensus meeting was agreeing upon a preliminary list of proposals to be funded as well as ranking list for further consideration of proposals in the reserve list.

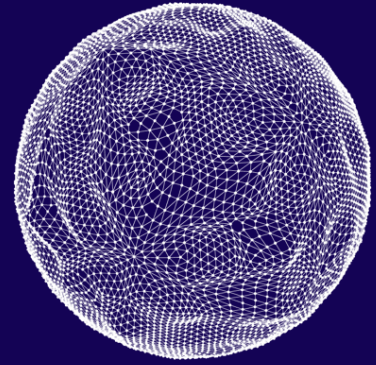
2.2. Meeting Procedures





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The procedure followed was:

1. Each IC team, following a round table, gave a thorough overview and preliminary conclusions of the team consensus achieved regarding the preliminary proposals to be funded.
2. The entire IC discussed the overview and preliminary conclusions openly until consensus was achieved in a collegiate manner.

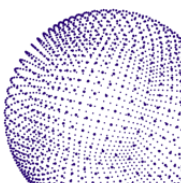
2.3. Meeting results and agreed next steps

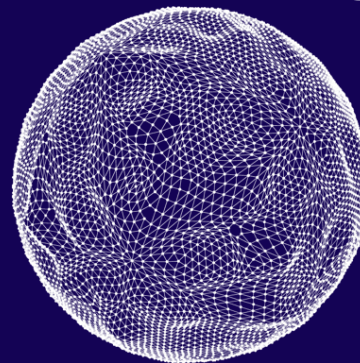
The process led to the pre-selection of 17 proposals across the 9 themes judged as preliminarily subjected to receive funding. Additionally, it was considered that 12 proposals, again across the 9 themes were considered as deserving to be included in the reserve list for further consideration.

This final conclusion of the first day of the meeting was reached with a generalised consensus. The IC members also decided that the 17 proposals would be re-assigned for an additional reading to two new evaluators that were not assigned the proposals before. In this way, even a more thorough evaluation was to confirm whether the preselected 17 proposals were staying on the preselected list for funding. The new evaluators committed to read the proposals for the second meeting day.

During the second meeting day, the 17 proposals were collectively considered again by the IC members. The unanimous conclusions were:

- Out of the 17 proposals, 4 of them were given a yellow colour code, meaning to be reconsidered in the second consensus meeting when compared with the 12 proposals in the reserve list.
- One of them was given a red colour code, meaning that, after reconsideration, this proposal was to be dropped from the preliminary funding list and the reserve list.
- Out of the 17 proposals, 12 were to be kept definitively in the funding list.





After reaching those conclusions, the strategy for the second consensus meeting was discussed. It was agreed that the proposals in the reserve list were to be read by newly assigned IC members. Additionally, the second consensus meeting was to focus on the discussion of the proposals assigned a yellow and red colour in comparison with the ones in the reserve list. In this manner a consolidated and final list for funding was to be produced.

The IC members agreed to elaborate an evaluation summary report, after the evaluation period, for all and each one proposals with deadline at the end of January 2022. The PAO, in consultation with the EC, agreed to send a template for such a task.

3. Second Consensus Meeting (December 10, 2021)

3.1. Meeting Objective

The objective of the second consensus meeting was to agree on a final list of proposals to be funded as well as a ranked reserved list.

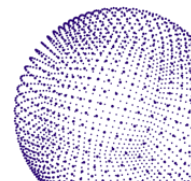
Meeting Procedures

The procedure followed was:

1. The newly assigned IC members to the proposals in the reserved list provided an open reflection of their conclusions. Each proposal in the reserve list was discussed openly and compared to the proposals designated a yellow colour code after the first consensus meeting.
2. After these reflections, the IC members concluded, by consensus, on a final list of proposals to be recommended to the PCB and a ranked list of proposals (see Appendix).

3.2. Meeting results and next steps

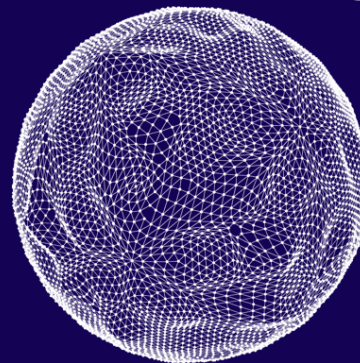
A consensus was achieved regarding the final list of proposals to be recommended for funding to the PCB and a ranked list of the proposals in the reserve list. It should be noted that the process described was praised by the EC representative.





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Note

The participants along the evaluation period were:

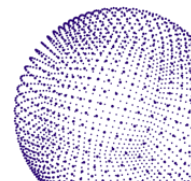
IC members: Sergio Bertolucci (Chair), Cinzia Da Via (Co-Chair), Dimitra Darambara, Chiara Giovenzana, Heinz Graafsma, Andrea Cuomo, Ralf Kaiser, Matthias Kaiserswerth, Sijbren Otto, Bernd Schmitt, Pawel Sobkowicz, Michel Spiro, Norbert Wermes.

ATTRACT PAO: Pablo Garcia Tello, Markus Nordberg.

Patricia Postigo (EC project Officer).



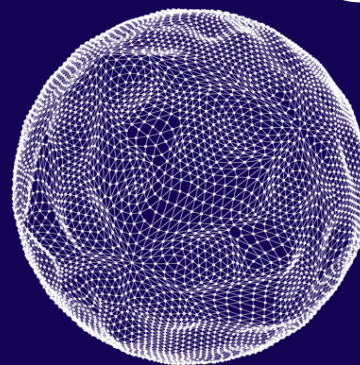
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ATTRACT phase 2

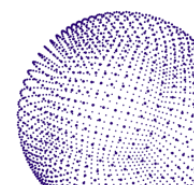
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Appendix

List of proposals selected by the IC and recommended to the PCB for receiving funding.

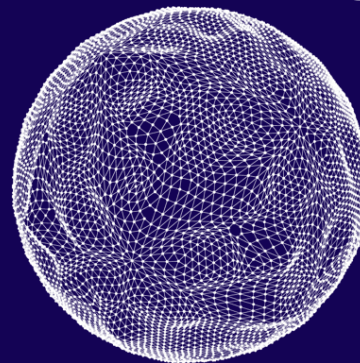
Project Acronym	Theme	Modality	Funding Amount (Euros)	
RandomPower	1	B	1.999.250	
ULTRARAM	1	A	499.275	
Sniffirdrone	2	B	1.976.297	
AHead	2	B	1.991.695	
VISIR2	4	B	1.999.517	
MICROQUAD	4	B	1.680.166	
HYGER	4	A	499.750	
IALL	5	A	499.032	
Unicorn DX	6	B	2.000.000	
H3D-VISIOAIR	8	A	547.650	
HIPMED	9	B	1.996.875	
HYLIGHT	9	B	1.998.250	
Pipe 4.0	2	B	1.598.125	
h-cube	3	B	2.000.000	
MEGAMORPH	5	B	1.998.445	
Glass2mass	5	A	499.325	
META-Hilight	5	A	500.000	
POSICS-2	7	A	500.000	
				TOTAL FUNDING
				24.783.652





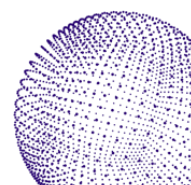
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List of ranked proposals selected by the IC and recommended to the PCB for the reserve list:

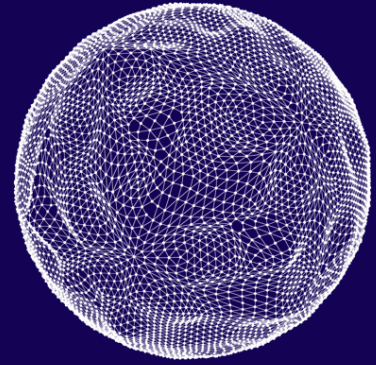
Project Acronym	Score
TOPODEFLECT	80
THz4Future	75
OPTOCS	70



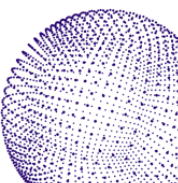


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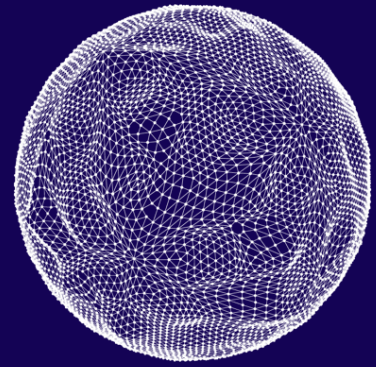
Summary of the review process of the ATTRACT Phase 2 Independent Review Committee for the ATTRACT Academy (Student Programs) Call (IRC-SP)





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Structure of the Evaluation Process

The evaluation process by the IRC-SP on reviewing the 10 received eligible submission for the 11 funded Student Programs was carried in the three stages elaborated below. The process was supported by the ATTRACT Project Administrative Office (PAO) and ATTRACT Academy Facilitator.

4. Preparatory Meeting 16.9.2021.

4.1. Meeting(s) Objectives

- Agreement, by consensus¹, on the most comprehensive and effective way how to distribute the workload across the members of the IRC-SP, given the number of received eligible proposals, the respective fields of expertise of the members and the scope of the ATTRACT Phase 2 Student Programs Open Call.
- Agreement, by consensus, on the allocation of the eligible proposals to IRC-SP members, ensuring that at all times, more than one IRC-SP member sees all eligible proposals.
- Agreement by consensus and through iteration, identifying a unified list of ranked proposals for funding, based on the evaluation criteria given in the Guide for Applicants and in accordance with the EC Call text.
- Informing the IC members about the invitation the PAO extended to the EC representatives for assisting to the evaluation process.

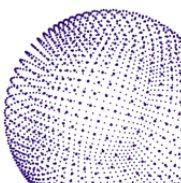
4.2. Meeting results and agreed next steps:

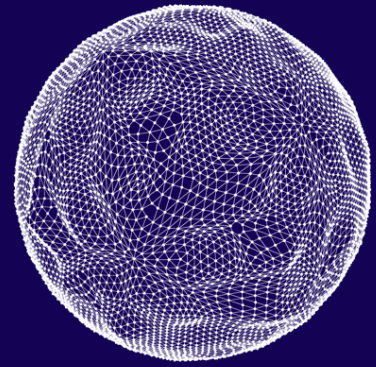
The listed objectives were reached by consensus. At the end of the preparatory meeting, the next steps were agreed upon and documented.

- Martti Jerkku, as the Leader of Work Package 4, was appointed as the Secretary² of IRC-SP.

¹ This principle entails that all discussions remain within the Committee and that it reaches its deliberations as one.

² It is reminded that the Secretary, and any additional personnel from the ATTRACT Consortium, are there in a purely administrative role and do not take any part in the decision-making attributed to the IRC-SP members.





- The IRC-SP agreed that each IRC-SP Member would evaluate all of the eligible³ proposals.
- The IRC-SP agreed that at least two consensus meetings will be needed for achieving the final result (see further), with an option for third, if needed. Three consensus meetings were scheduled.
- The procedures and objectives of the first consensus meeting were agreed upon as elaborated in the sections below.

5. First Consensus Meeting 11.11.2021

Note: The First Consensus Meeting was postponed to the date designated for the Second Consensus meeting due to force majeure.

5.1. Meeting Objective

The objective of the First Consensus meeting was to agree upon a preliminary list of eligible proposals (up to 11) to be funded.

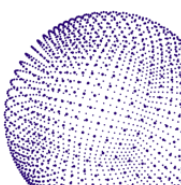
5.2. Meeting Procedures

The procedure of the meeting was the following:

3. In a round table discussion, for each proposal, the IRC-SP members gave a thorough overview and their evaluation regarding the most promising proposals potentially eligible for funding.
4. The entire IRC-SP then discussed the overviews and evaluations openly in an iterative manner until consensus was reached in a collegial manner.
5. Based on the progress during the First Consensus Meeting, the preliminary ranking of the proposals was made based on the scoring by the IRC-SP Members.

2.3 Meeting results and agreed next steps

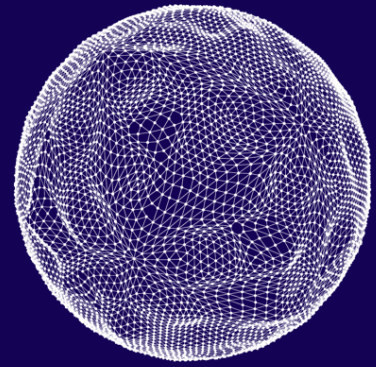
³ Submitting organization(s) need to be legal entities.





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A list with the preliminary ranking of the proposals was drafted based on consensus among the IRC-SP members, taking into account any possible remaining minor adjustments to be made in the following consensus meeting. It was agreed that the PAO (assisted by ATTRACT Academy Facilitator) will provide a draft text for the IRC-SP's first conclusions. This draft served as a starting point for the subsequent consensus meetings (see further). At this point, it was also decided by consensus that there is no need for scheduling a third consensus meeting to make up for the one meeting slot lost due to a force majeure. Meeting procedures, results and next steps were all documented and shared with the participants two days after the meeting for approval.

6. Second Consensus Meeting 17.11.2021

Note: Since the meeting schedule was shifted due to force majeure, the IRC-SP had one week to reconsider the preliminary ranking of the proposals which was agreed to be sufficient time, due to level of consensus reached during the first consensus meeting.

6.1. Meeting Objective

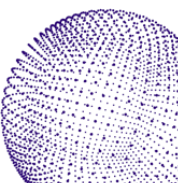
The objective of the second consensus meeting was to agree on a final ranking list of the proposals for funding.

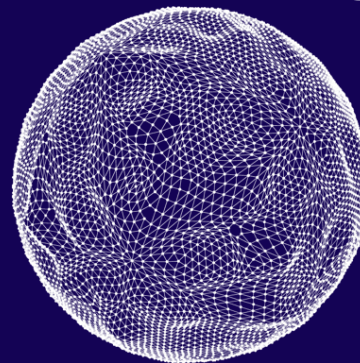
6.2. Meeting Procedures

The procedure followed was:

3. The preliminary ranking drafted after the first consensus meeting was reviewed and the scoring of the proposals was revisited.
4. Based on these discussions and taking into account the Call text, the IRC-SP proceeded to do a thorough revision of the draft text provided by PAO until consensus was reached.
5. For each reviewed proposal, a short summary evaluation was drafted, with the revised scoring, with the assistance of PAO⁴.

⁴ This is as a precaution measure in case a reviewed proposal does not receive funding and the submitting organization requests for a Summary Evaluation Report. PAO will in any case send a notification to the rejected proposals.





6.3. Meeting results and next steps

The IRC-SP reached a consensus on final ranking list of the proposals to be funded. For each proposal, a short summary evaluation was drafted, with the help of PAO. Furthermore, the final comments and suggestions of the IRC-SP were documented to be used in the implementation of the ATTRACT Academy. Meeting procedures, results and next steps were all documented.

7. **Third Consensus Meeting (optional)**

It was agreed that there is no need for the third consensus meeting since the final ranking of the projects was drafted already during the second consensus meeting.

Notes

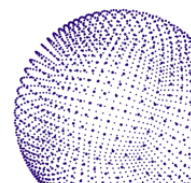
The participants in the sessions were the following:

IRC-SP members: Rui Coutinho, Lauri Repokari, Sushi Suzuki.

ATTRACT PAO: Pablo Garcia Tello, Markus Nordberg.

The EC representatives: Patricia Postigo McLaughling (EC Project Officer).

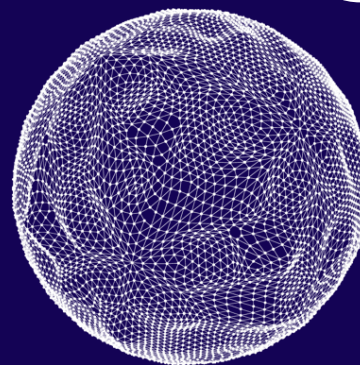
ATTRACT Academy Facilitator: Martti Jerkku, Shreyasi Kar, Klaus Castrén, Laetitia Veyrat





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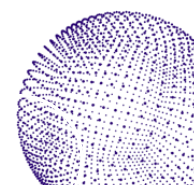
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APPENDIX

Appendix A - Final List of Proposals Approved for Funding

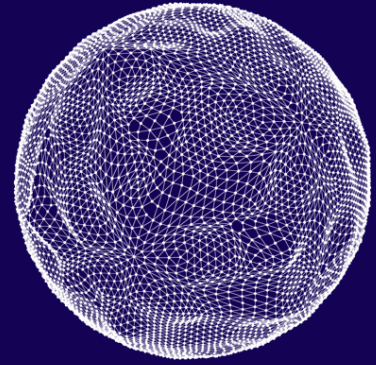
Full Name of Proposal	Acronym	SP	Mod.	Amount	Scoring
Swinburne University of Technology: Challenge Based Innovation A3	CBI A3	SP-8	B	240 000 €	269,5
Aalto University: SUGAR Global Innovation	SIGI	SP-2	B	240 000 €	266,0
University of Bologna: Challenge Based Innovation Attract	CBI.ATTRACT	SP-9	B	240 000 €	264,0
Fundación ESADE: Technology for Social Innovation	TeSI	SP-6	A	80 000 €	238,5
Technische Universiteit Delft: ATTRACT CERN Ideasquare Summer School	ACISS	SP-7	B	240 000 €	235,5
Aalto- korkeakoulu-säätiö sr: Societal Perspectives to innovation Opportunities in Technology	SPOT	SP-3	A	80 000 €	233,5
Fundación ESADE: Challenge Based Innovation-Fusion Point	CBI-FP	SP-5	B	240 000 €	231,0
Häme University of Applied Sciences: From smart facilities to Smart regions	BASE	SP-1	B	240 000 €	231,0
Fundación ESADE: Challenge Based Innovation for Artificial Intelligence	CBI4AI	SP-4	A	80 000 €	228,0
Istituto Europeo di Design, S.L.: Future Technologies for Sustainable Fashion	FTSF	SP-11	A	80 000 €	209,5
Total Funding				1 760 000 €	



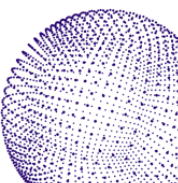


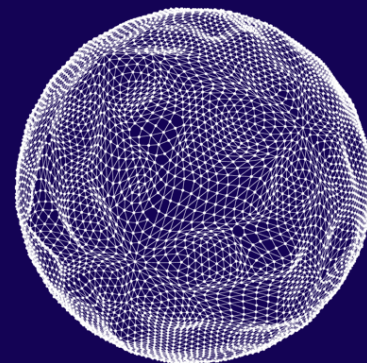
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Summary of the Independent Socio-Economic Committee evaluation process for the selection of proposals to be funded in the ATTRACT Phase 2 Socio- Economic Studies Call





Introduction

As contemplated in the ATTRACT Phase 2 submitted proposal and Grant Agreement, after the deadline of the ATTRACT Phase 2 Socio-Economic Studies Call, the ATTRACT Phase 2 Independent Review Committee (IC-SE), under the mandate of the ATTRACT Project Consortium Board (PCB), carried an evaluation period.

Its final objective was to configure a consensus list of proposals to be approved by the PCB, to be funded (see Appendix). The number of projects evaluated by the IC-SE in the reflection period was 9, which is the totality of projects submitted to the ATTRACT Phase 2 Socio-Economic call.

Structure of the Reflection Period

The reflection period was supported by the ATTRACT Project Administrative Office (PAO) and which counted with the presence of the EC was carried out in three stages:

8. Preparatory Meetings (October 8, 2021)

8.1. Meetings Objectives

- Agreement, by consensus, on the distribution of the submitted proposals among the IC-SE members.
- Agreement on the evaluation procedures and logistics

8.2. Meeting results and agreed next steps:

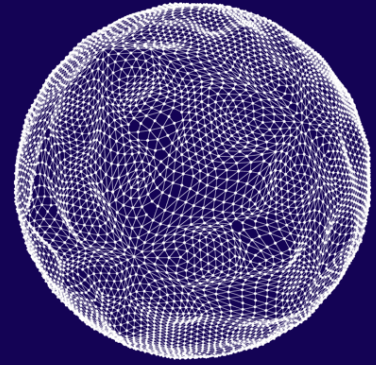
The two objectives were reached by consensus. At the finalization of the preparatory meeting, the next steps agreed upon were:

- The proposals were evaluated by the entire IC-SE, composed of 3 members. It was ensured that IC-SE members do not evaluate proposals regarding which they may have any conflict of



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interests (see note). In the instance that a proposal was evaluated by less than three IC-SE members, the evaluation scores were averaged accordingly.

- Each committee member was to perform a detailed reading of the proposals assigned and elaborate a preliminary score and ranking.
- The need for at least two consensus meetings for achieving the final result (see further).
- The procedures and objectives of the first consensus meeting (see further).

9. First Consensus Meeting (November 11, 2021)

9.1. Meeting Objective

The objective of the First Consensus meeting was to agree upon a preliminary list of 8 eligible proposals to be funded.

9.2. Meeting Procedures

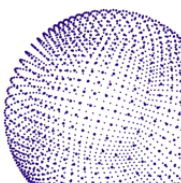
The procedure followed was:

6. Each IC-SE member, following a round table, gave a thorough overview and preliminary conclusions of the consensus achieved regarding the preliminary proposals to be funded.
7. The entire IC-SE discussed the overview and preliminary conclusions openly until consensus was achieved in a collegiate manner.

9.3. Meeting results and agreed next steps

The process led to the pre-selection of 8 proposals across the different themes judged as preliminarily subjected to receive funding, considering any possible remaining minor adjustments to be made in the following consensus meeting. The final conclusions of the first consensus meeting were reached with a generalised consensus. The IC members also decided that 1 proposal would require further reconsideration to achieve a consensus in the next meeting.

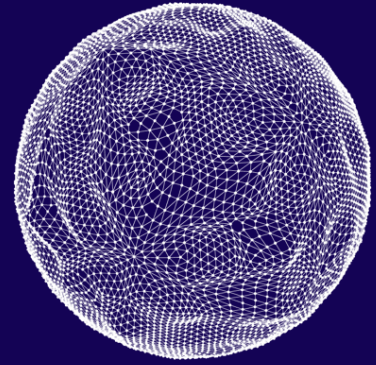
After reaching those conclusions, the strategy for the second consensus meeting was discussed. It was agreed that the second consensus meeting was to focus on the overview of preliminary





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results and discussion of the proposal that needed reconsideration. In this manner, a consolidated and final list for funding was to be produced.

10. Second Consensus Meeting (December 1, 2021)

10.1. Meeting Objective

The objective of the second consensus meeting was to agree on a final list of proposals to be funded.

10.2. Meeting Procedures

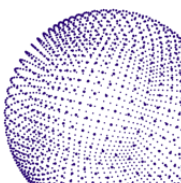
The procedure followed was:

6. The assigned IC-SE members provided an overview of individual project evaluations. A general and collegial discussion took place over any remaining open points regarding the preliminary evaluation results. The proposals signalled in the first consensus meeting for a need for reconsideration were again discussed.
7. The entire IC-SE then revised the thematic areas as well as the applied methods of each proposal. The IC-SE agreed by consensus on the heterogeneous contributions of the highly ranked proposals.
8. After these reflections, the IC-SE members concluded, by consensus, on a final list of 8 successful proposals to be recommended to the PCB (see Appendix).

10.3. Meeting results and next steps

The 9 submitted proposals were ranked according to the evaluation results, and funding decisions would be made on the basis of this ranking. The consensus was achieved regarding the final list of 8 high-ranked proposals to be recommended for funding to the PCB. The IC-SE members agreed to elaborate an evaluation summary report, after the evaluation period, for all and each one proposal. The PAO, in consultation with the EC, agreed to send a template for such a task.

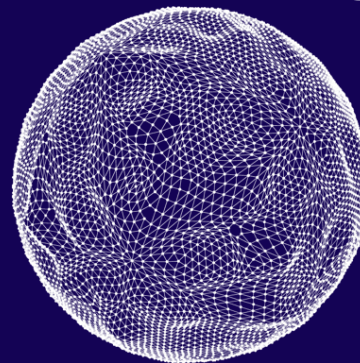
It should be noted that the process described was praised by the EC representative.





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Note

The participants along the evaluation period were:

IC members: Hervé Legenvre, David Osimo, Peter van der Sijde.

Due to potential conflicts of interest, these members have requested not to evaluate the following proposals:

- Peter van der Sijde: NEXTGEN TECH-ED
- David Osimo: COMPUTE IMPACT
- David Osimo: NEXT

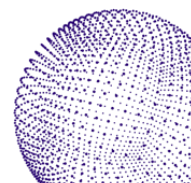
ATTRACT PAO: Pablo Garcia Tello, Markus Nordberg.

Patricia Postigo (EC project Officer)

Secretary: Jonathan Wareham, Gozal Ahmadova.



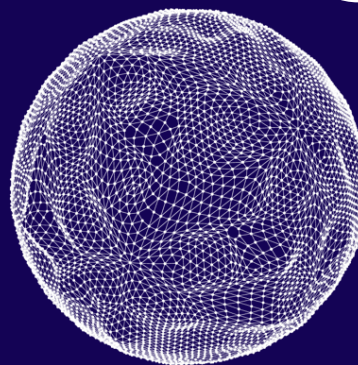
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ATTRACT phase 2

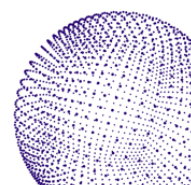
Developing breakthrough technologies for science and society

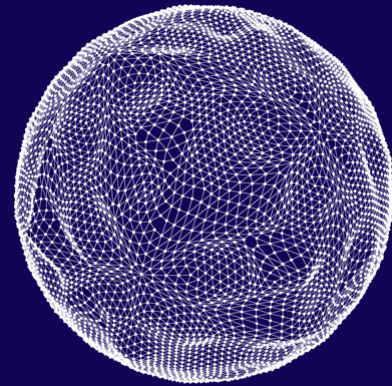
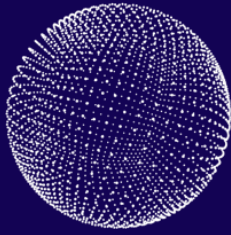


Appendix 1

List of proposals selected by the IC and recommended to the PCB for receiving funding.

Proposal	Theme	Score	Funding Amount (Euros)	
COMPUTE IMPACT	Measurement and Impact	82.50	125.000	
NEXT	Ecosystems Spin-offs	82.50	125.000	
CASEIA	Human capital development	72.00	125.000	
Behavioral training	Human Capital Development	64.67	125.000	
NEXTGEN-TECH-ED	Innovation ecosystem, ERI ecosystem spin-offs, Human capital development	62.00	125.000	
CORE	Human Capital Development	61.00	125.000	
ATTRACT-EMDOI	Innovation Ecosystem, Ecosystem Spin-offs, Human Capital Development	58.33	125.000	
ExSACT	Innovation Ecosystem	51.33	125.000	
				TOTAL FUNDING
				1.000.000





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