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LEAP-RE

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<http://www.leap-re.eu/>



Ranking list from the pre-proposal evaluation of second co-funded call

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Project officer: Bernardo Luis ABELLO GARCIA

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Summary

After the success of the first call which conducted to the selection of thirteen projects in November 2021, and given the remaining EUC Top-up and the will of most of the agencies to go forward, the Call Steering Committee (CSC) decided after a wide concertation with the funding agencies to launch a second call on 8th July 2022. This report summarizes the different steps of the call, the conditions, the rules related to the evaluation the projects eligible for the full submission of the 2nd call.

Approval

Date	By
2023-03-22 11:06:33	Pr. Mokthar SELLAMI (MESRS)
2023-03-27 10:34:00	Mr. Léonard LéVêQUE (LGI)



LEAP-RE

Long-Term Joint EU-AU Research
and Innovation Partnership on Renewable Energy

Research & Innovation Action

December 2022

Deliverable D7.7

Pillar 1 Ranking list from the pre-proposal evaluation of the second co-funded call

Version N°1

Authors:

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-



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Abbreviations and Acronyms

Acronym	Description
WP	Work Package
CSC	Call Steering Committee
JCS	Joint Call Secretariat
KMS	Knowledge Management System
KoM	Kick-off Meeting
M&E	Monitoring & Evaluation
MAR	Multi Annual Roadmaps
MEL	Monitoring, Evaluation and Learning
IRP	International Review Panel

Summary

This deliverable describes the management process of the second call.

Keywords

LEAP-RE, Pillar1, Call for projects, RE

1. Introduction

After the success of the first call which conducted to the selection of thirteen projects in November 2021, and given the remaining EUC Top-up and the will of most of the agencies to go forward, the Call Steering Committee (CSC) decided after a wide concertation with the funding agencies to launch a second call on 8th July 2022.

2. PILLAR 1 Evaluation stage 1 – Second Call

Pillar 1 objective is still committed to support international research and innovation projects through joint calls co-funded by national/regional funding organisations and European Commission. The aim of this deliverable is to provide an overview about the selected pre-proposals, which are eligible for the full proposals and the second step of the evaluation. The Joint Call Secretariat of LEAP-RE Pillar1, received through the ANR Portal **43 pre-proposals**, among them **15 were rejected at the eligibility check** step. The evaluation of the remaining **28 pre-submissions** was performed by an International Review Panel (IRP), a pool of 18 experts (10 from Africa and 8 from Europe) recommended by national/regional funding organizations. A total of 24 research consortia are selected to write a full proposal. The deadline for full proposals was set initially to 12th January, but postponed to Friday **27th January 2023 at 12/00 CET, after facing** a delay in the production of reports by some IRP experts. The selection of full proposals to be funded will be done by CSC on **23rd of March 2023**, and the Latest starting date of selected projects will be **1st July 2023**.

3. Eligibility criteria for the call for proposals

Participating countries/regions to the call for proposals are those who have at least one funding institution participating in Pillar 1.

A consortium applying to the Call must consist of at least four project partners from 4 different countries (2 from Europe and 2 from Africa). At least one partner of the Consortium should be from an European country participating to the Call and eligible to receive support from the relevant participating funder and one partner from an African country participating to the Call and eligible to receive support from the relevant participating funder.

In general, organisations from European countries/regions not participating in the Call can be partners of a consortium on the condition that they provide evidence of the availability of their own funds to cover their project activities.

African public Organisations from countries/regions not participating in the Call and African Organisations from countries participating in the Call but not eligible to their national funding rules are eligible to apply for funding, although the resources available for this are limited.

There is no limit to the maximum consortium size, but it should be suitable for the level and complexity of the project and each partner should have a significant contribution in order to demonstrate the transnational added value of collaboration.



The maximum funding for each project is **700 k€** and the maximum funding per partner in one project is **300 k€**. However not all funding agencies will apply these amounts. The funding maximum for one partner (300 k€) will apply for each project but does not accumulate for a partner present in several projects.

The coordinator of the consortium must be eligible to receive support and be established in a country or region participating in the Call. A Lead Researcher can only represent the coordinator in **one** proposal (i.e. if a Lead Researcher coordinates one proposal, he/she can only participate in other proposals as a researcher/key personnel of a consortium partner).

Each Consortia must include at least one partner from the public sector (academic, public research centre...) and one partner from a commercial company coming from participating countries

Researchers members of the IRP (International Review Panel) cannot be member of a consortium applying to this Call.

Researchers members of a funding Organization does not apply to the Call unless exception decided by the Call Steering Committee.

4. Submission of the pre-proposals:

After the registration the coordinator who represent the consortium, submit the pre-proposal using the LEAP-RE Electronic Submission System. A total of 43 projects were received under the Joint Call).

After checking the eligibility at transnational level by the Joint Call Secretariat and at national level by the funding organisations it turned out that 15 projects were judged ineligible (projects asking for more than 700k€, coordinator not from an eligible country, only 1 partner, no commercial company in the consortium, etc).

Each Pre- proposals which are eligible according to transnational and national rules were evaluated by three independent experts from Africa and from Europe. We adopted the following rules for the attribution of the projects to evaluate.

5. Mechanism of allocation of projects for evaluation

To explain the process proposed, we use previous information of the first call for privacy reasons. The table presents for each project (in line) the potential conflict of interest of each expert (in column) and the level of expertise of each expert.

The data represents the 7 eligible projects in MAR 2 : End-of-life and second-life management and environmental impact of RE components

Red = Experts from the same country as project leader

Orange = Experts from the same country as a member of the project consortium

Blue = expert level 4 without any conflict of interest (potential evaluator)





		El-Hadi BENOUSSEF	Abdallah KHELLAF	Fouad Khalid	Rekioua Djamil	EL BACHTIRI Rachid	LAAROUSSI Najma	Mohammed GAROUMI	Khailid BOUABID	Faith Bridget Tur	Ntombi uchi Ntu	Dr Mlimesh Bipl	Mary Suzan Abh	Simon BAWAKI	Anjad Anvari	Anjali SHUNKER	DE GRONARD
		Algeria	Algeria	Algeria	Algeria	Moroc co	Moroc co	Moroc co	Moroc co	South A	South A	South A	Uganda	Ghana	Denmar	France	France
		3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
C-Inside	Analysis of PV End-of-life an Germany	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
INNO-PV	Innovative lo End-of-life an Germany	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
LEAP-RE Cofu	Long term Eur End-of-life an Germany	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
RELEX	Renewable Er End-of-life an Germany	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
RESTART	Recycling of s End-of-life an Marocco	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
SIREVIVAL	Si-based devic End-of-life an Belgium	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4
SUNRISSE	Systematic Ut End-of-life an Roumania	3	3	0	1	0	2	2	2	2	2	4	2	4	0	3	4

The experts also received:

- Code of Conduct regarding Conflict of Interests
- Declaration of Conflict of Interest and Non-Disclosure Agreement
- Guidelines for the evaluation for the first step

Selection of experts was performed ensuring an expertise level 4 in priority, 3 as second choice (on a scale from 0 to 4) in the topic addressed by the pre-proposal. Each project was evaluated by 2 experts at least one from Africa and one from Europe. In the event of a significant discrepancy, a third evaluation is added. In order to avoid as far as possible conflict of interest each pre-proposal was evaluated by experts coming from countries different from the countries of the different partners of the consortium.

The final list of suggested proposals, to be invited for submitting a full proposal is drawn up. This is done on the basis of the ranking list. In Annex1 we present an overview of the interface of the evaluation process. As a guideline it will be aimed to limit the amount of invitations for full proposals to an eventual success rate at the second step of about 33% (meaning that the oversubscription ratio at the preselection step was in average 3 times the available budget). Projects coordinators of selected pre-proposals could be encouraged to widening their Transnational Project consortium at the full-proposal level.

6. Tab1: LEAP-RE research consortia selected to submit the full proposal:

List of the 24th selected pre-proposals

N°	Acronym	Title	Coordinator country	Other partners countries
01	Smart Agrivoltaic Systems for Fruits	Smart Agrivoltaic Systems for Fruits	Germany	France, Morocco, South Africa, Switzerland
02	OPTIMG	Optimizing micro-grids for water-energy-food	Germany	Italy, Morocco, South Africa
03	TerraCooltech	TERrestrial passive daytime RAdiative COOLing based on a renewable and sustainable TECHnology without energy consumption for residential applications in urban and rural environments	Germany	France, Algeria, Morocco; South Africa
04	SmartSolAccess	Smart and optimally designed stand-alone photovoltaic solutions for multi-use energy needs in sub-Saharan Africa using the roof space of rural school facilities.	South Africa	Germany, Austria, Rwanda
05	CombiBioEnergy	Combining innovative biomass carbonization and biogas technologies for sustainable energy delivery to agro-industries in African rural areas	Italy	France, Romania, Algeria, Morocco, Ethiopia, Cameroon
06	DISH-mGC	Design and Implementation of Smart Hybrid Microgrid Cluster	Algeria	France, Romania, Morocco
07	PVH2SYSTEM	Smart Scalable Off-Grid PV/H2 System	Romania	Austria, Germany, Algeria, Morocco
08	Vil2Bio	Combining village-scale biogas production with pyrolysis in biomass stoves for off-grid sustainable clean cooking and cold production.	France	Germany, Algeria, Morocco, Kenya
09	D3T4H2S	A data driven digital twin for improved hydrogen storage vessels towards challenges for energy transition	France	Romania, Morocco, South Africa



10	INTEGRATOR	Intelligent energy management system for stand-alone smart grids	Italy	Romania, Algeria, South Africa
11	SHE	Smart Home Energy: Development of an integrated and mobile solution for low-cost cooking and power generation	Austria	France, South Africa, Uganda
12	SSG RemPop	Sustainable Smart Grid for Remote Populations	South Africa	Germany, Netherland, Namibia
13	MiDiNA	A comprehensive methodological approach on the development potential of microgrids and the integration of renewable energies in North Africa.	France	Romania, Algeria, Morocco
14	RCLIB	Recycling of the cathodes, based on carbon nanotubes and conducting polymers, from spent rechargeable Li batteries	Romania	Italy, Algeria, Morocco
15	Agri-solar H2	Harnessing concentrated PV solar energy and non-conventional water for a self-supply of hydrogen fueled farm	Algeria	Germany, Italy, Tunisia
16	REPTES	Renewable plants integrated with pumped thermal energy storage for sustainable satisfaction of energy and agricultural needs of African communities	Italy	Belgium, Romania, Morocco, Nigeria
17	SBC4SA	Solar-biomass driven stand-alone cooler for sustainable agriculture	France	Italy, Algeria, Morocco, South Africa
18	SWITCH	Stabilizing weak grids through machine learning: empowering farmers in end-of- line-communities in North Africa through artificial neural networks	Germany	Italy, Algeria, Morocco
19	BIOOTHEREP	Hybrid biochemical and thermochemical conversion of Slaughterhouse biowaste for Renewable Energy production.	Morocco	Italy, Germany, France, South Africa
20	OSER	Optimisation tool of Hybrid and Smart Renewable Energy Sources for off grid application	Algeria	South Africa, France, Germany, Romania
21	SolDryPro	Solar Dryer for Perishable Produce	Germany	France, Morocco, Egypt
22	SUNRISSE	Systematic Use of Natural Resources with Innovative Scientific approaches for Sustainable production of affordable Energy	Romania	Germany, Morocco, South Africa, Tunisia
23	EXBIOM	Exploitation of local biomasses for energy purposes	France	Romania, Algeria, Morocco, Tunisia, Senegal



24	TRIGGER	Framework and tool for planning and optimal DER integration in specific prosumers communities in Africa.	Romania	Austria, South Africa, Morocco
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7. Tab2: List of projects not eligible (eligibility check):

	Project acronym	Country check	Criteria
1	EOTAI	Italy	Partner non eligible → only one EU partner in the consortium
2	GREEN-H	Morocco, Germany	Private company of consortium is not eligible and the German partner is not eligible
3	RESZCB	Germany	Partner non eligible → only one EU partner in the consortium
4	SMARTTEST	Italy, Morocco	Partners ineligible for national funding
5	AFRICA NATHY	Only one partner	
6	BREAGE	Coordinator is not from a participating country (Botswana)	
7	ISMCK	Coordinator is not from a participating country (Rwanda)	
8	MAPSOL	Only one European partner	
9	ME-Waves	No commercial company in the consortium	
10	SGU	No commercial company in the consortium	
11	SMART CPV	South Africa	rejected after national eligibility check
12	AGROGEN	South Africa	rejected after national eligibility check



13	GrHyll	South Africa	rejected after national eligibility check
14	MEPRA	South Africa	rejected after national eligibility check
15	MFDLinPVP	South Africa	rejected after national eligibility check

8. Tab3: List of projects eligible but not selected

NO	Pre-proposal
1.	CE2A
2.	SHRECH
3.	AGROSOLDRYER
4.	NORAFGEO



9. Annex1: Overview of the welcome page and ...

Welcome

As a committee member you are involved in the review of the proposals listed below. To consult the information on each proposal, there are several links allowing to:

- Display the proposal (column « Proposal Title »)
- Download the proposal in PDF format (column « Submitted document »)
- Download the scientific document (column « Scientific Document »)
- Download the proposal annexes (if applicable) (column « Annexes »)

You can propose experts on a proposal by clicking on the « Propose an expert » button.

The following information about expert and expertises is available:

- Expert identity (column « Experts »)
- Solicitation status and expertise status (column « Expertise status »)
- Expertise content (link in the « Expertise status » column)

The link to reach your online review's form is located in the column « Review ».

When the review is completed, you must submit it by pressing the « Submit » button to confirm your report. This validation is reversible by clicking the « Cancel submission » button.

The French National Research Agency (ANR) thanks you for your cooperation.

Vous avez accepté l'accord de confidentialité pour l'édition 2021 / You have accepted the confidentiality agreement for the 2021 edition.

Below all the details concerning your part in the evaluation of LEAP-RE.

Merci de sélectionner d'abord l'année ensuite le comité dans le tableau ci-dessous / Thank you to first select the year then the committee in the table below :

Edition sélectionnée / Selected Edition : 2021

Comité sélectionné / Selected Committee :

	Edition / Edition	Titre du comité / Committee Title	Acronyme de l'AAP / AAP Acronym	Intitulé de l'AAP / AAP Title
Sélectionner/Select	2021	LEAP-RE step 1 2021	LEAP-RE step 1	Long term Europe Africa Partnership on Renewable Energy

Comité «LEAP-RE step 1 2021» - Appel à projet «Long term Europe Africa Partnership on Renewable Energy»

Filtre sur l'acronyme projet / Filter on proposal acronym [Filtrer / Filter](#) [Vider / Clean](#)

Liste des projets en tant que Rapporteur / Proposals as Reviewer :

Vous n'êtes affecté à aucun projet. You are not affected to any project.

Liste des projets en tant que Lecteur / Proposals as Reader :

Acronyme du projet/ Proposal Acronym	Titre du projet/ Proposal Title	Recapitulatif projet/ Proposal Recapitulatif	Document de soumission/ Submitted document	Document scientifique/ Scientific document	Annexes/ Annexes	Rapport/ Review	Experts	Proposer un expert/ Suggest an expert	Pdt	Collaboration	avis/ opinion
LEAP-RE	L'appel à projets recherche et innovation pour le déploiement des énergies renouvelables Europe- Afrique	Télécharger/ Download	Télécharger/ Download	Télécharger/ Download	Voir les annexes	Non initié/ Not-initiated (14/04/2021)	Experts	Proposer un expert/ suggest an expert			

By-default settings not to into account for LEAP-RE

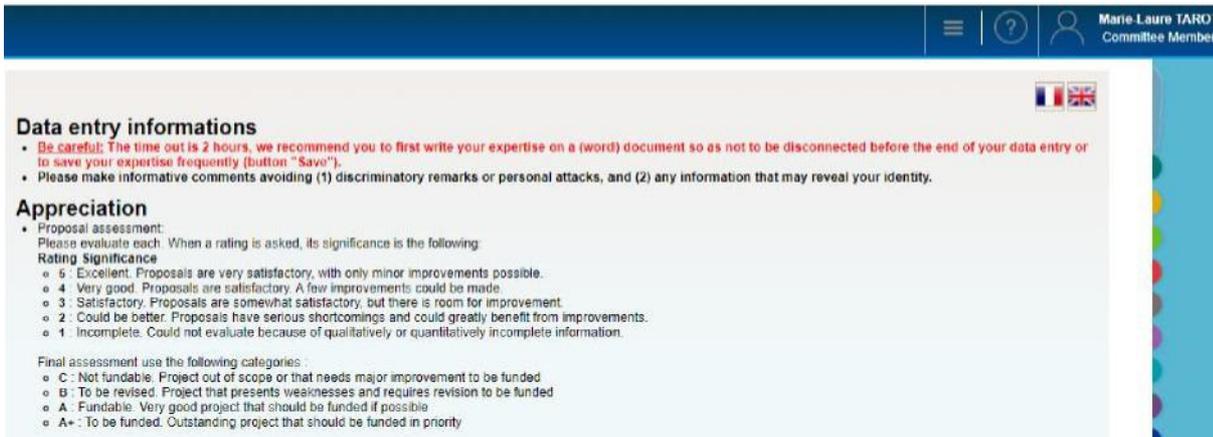
Click here to download the PDF scientific document

Click here to access to the evaluation form

Click here to access to the page with the CV

10. Evaluation Interface

Please read carefully the introductory information, notably about the evaluation scales.



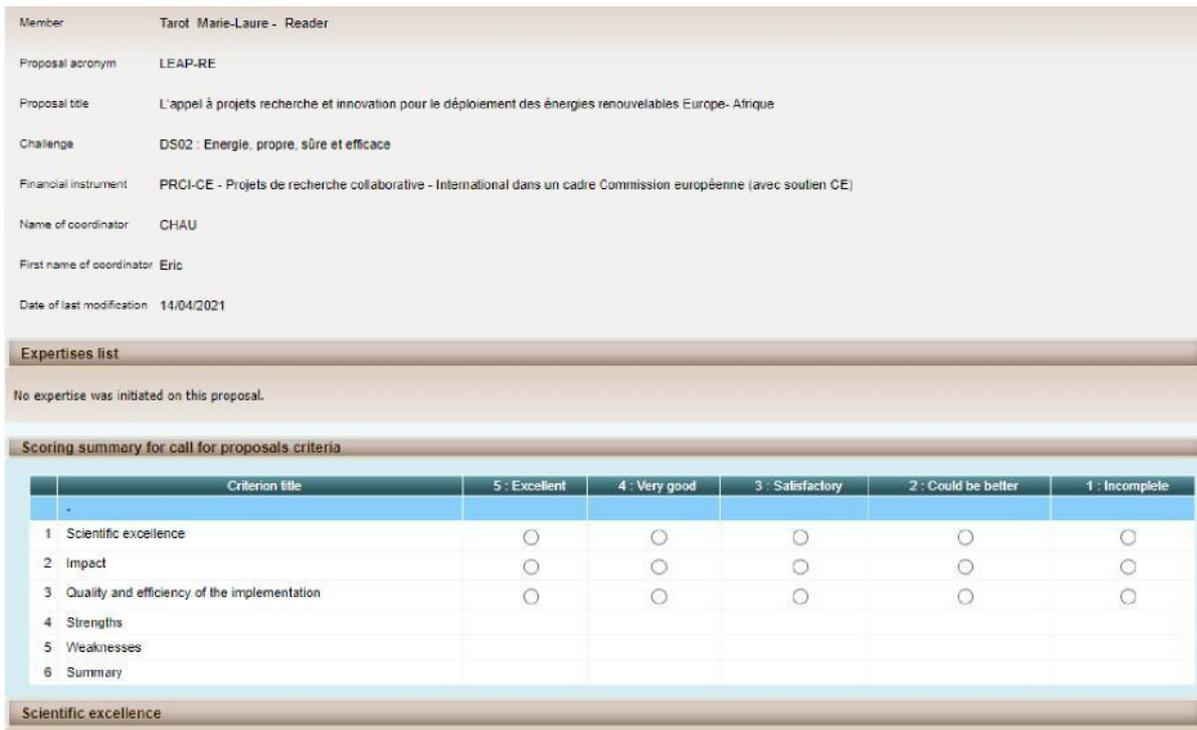
The screenshot shows the top navigation bar with the user name 'Marie-Laure TAROT, Committee Member'. Below it, the 'Data entry informations' section contains the following instructions:

- Be careful: The time out is 2 hours, we recommend you to first write your expertise on a (word) document so as not to be disconnected before the end of your data entry or to save your expertise frequently (button "Save").
- Please make informative comments avoiding (1) discriminatory remarks or personal attacks, and (2) any information that may reveal your identity.

The 'Appreciation' section provides the following details:

- Proposal assessment:** Please evaluate each. When a rating is asked, its significance is the following:
 - Rating Significance**
 - 5: Excellent. Proposals are very satisfactory, with only minor improvements possible.
 - 4: Very good. Proposals are satisfactory. A few improvements could be made.
 - 3: Satisfactory. Proposals are somewhat satisfactory, but there is room for improvement.
 - 2: Could be better. Proposals have serious shortcomings and could greatly benefit from improvements.
 - 1: Incomplete. Could not evaluate because of qualitatively or quantitatively incomplete information.
- Final assessment use the following categories:**
 - C: Not fundable. Project out of scope or that needs major improvement to be funded
 - B: To be revised. Project that presents weaknesses and requires revision to be funded
 - A: Fundable. Very good project that should be funded if possible
 - A+: To be funded. Outstanding project that should be funded in priority

By scrolling down, we get summary information about the pre-proposal and the evaluation scores.



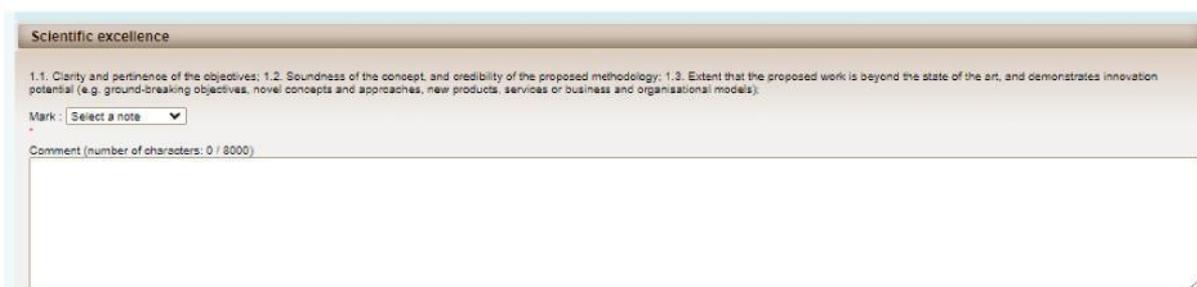
The summary information includes:

- Member: Tarot Marie-Laure - Reader
- Proposal acronym: LEAP-RE
- Proposal title: L'appel à projets recherche et innovation pour le déploiement des énergies renouvelables Europe-Afrique
- Challenge: DS02 : Energie, propre, sûre et efficace
- Financial instrument: PRCI-CE - Projets de recherche collaborative - International dans un cadre Commission européenne (avec soutien CE)
- Name of coordinator: CHAU
- First name of coordinator: Eric
- Date of last modification: 14/04/2021

The 'Expertises list' section shows: No expertise was initiated on this proposal.

The 'Scoring summary for call for proposals criteria' table is as follows:

Criterion title	5 : Excellent	4 : Very good	3 : Satisfactory	2 : Could be better	1 : Incomplete
1 Scientific excellence	<input type="radio"/>				
2 Impact	<input type="radio"/>				
3 Quality and efficiency of the implementation	<input type="radio"/>				
4 Strengths					
5 Weaknesses					
6 Summary					



The 'Scientific excellence' section includes the following text:

1.1. Clarity and pertinence of the objectives; 1.2. Soundness of the concept, and credibility of the proposed methodology; 1.3. Extent that the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models).

Mark :

Comment (number of characters: 0 / 8000)





At the end of the evaluation form, a total score from the scores on each criterion gives an overall mark completed by the scale A+/A/B/C according to the definition of the scale previously given

Final assessment

Total of the marks **0.0 / 15.0**

Overall Mark

Comments for ANR

Comment (number of characters: 0 / 8000)

[Report not selected](#)