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Assessment of the first co-fund call and /12/ision on the second co-fund call

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Summary

This deliverable presents the main results of 2021 transnational Call and the assessment of the Call process

Approval

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LEAP-RE

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

Research & Innovation Action

January 2021

D8.1 Assessment of the first co-fund call and decision on the second co-fund call

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Abbreviations and Acronyms

Acronym	Description
WP	Work Package
MEL Plan	LEAP-RE Monitoring, Evaluation and Learning Plan
CSC	Joint Call Steering Committee
JCS	Joint Call Secretariat
MARs	Multiannual Roadmaps
PMB	Programme Management Board
FA/FP	Funding agency/partner participating in the 1 st cofund call

Keywords

Cofund call results, monitoring, evaluation, Africa-Europe long-term partnership on renewable energy; impact measurement



for adjustments in the overall long-term partnership conditions, like long-term cooperation mechanism and -infrastructure and cooperation of cluster networks in the context of a Knowledge Management and Communication Framework (KMCF).

2. Scope of the Report

The overall objective of this report is to assess the first cofund call launched by Pillar 1 funding agencies based on output indicators such as the amount national/regional commitments pooled, the part of EC contribution spent, the number of projects funded as well as their distribution in terms of countries and topics. Pillar 1 funding agencies have already contributed to a set of indicators that are included in the draft version of the Monitoring, Evaluation and Learning Plan (MEL Plan) of the overall LEAP-RE programme (Annex 1 of the report). Furthermore, based on this report, the funding partners in Pillar 1 should be able to inform a decision regarding the launch of a second call. However, each funding partner has specific programmatic context that might affect the political decision to be part of a second call.

This report will draw conclusions for the LEAP-RE Pillar 1 consortium partners on:

- List of indicators to use throughout the call monitoring,
- Performance of the funding agencies against the indicators for LEAP-RE Pillar 1,
- Potential indicators to monitor the projects recommended for funding

and will make recommendations regarding the launch of a second call of the programme.

3. First LEAP-RE Joint Call Launch and preparatory phases

LEAP-RE Pillar 1 focuses on external research funding and capacity-building implemented through open calls for proposals. The calls for proposals are addressed to research and innovation operators (academic teams, companies etc.) and addresses the themes identified in 6 roadmaps developed in the programme preparatory phase.

These calls for research and innovation projects are funded by European and African research and innovation funding agencies and by the European Commission. The coordination of this pillar is ensured jointly by the [ANR](#) (France) and the [MESRS](#) (Algerian Ministry of Research).

Bringing together 16 African and European funding agency members of LEAP-RE consortium, this pillar is devoted to the preparation and implementation of transnational joint calls for proposals co-funded by European and African national research funding agencies, with an additional EU top up. The projects funded under the calls will focus on achieving goals of mutual benefit based on a balanced and cooperative approach. Particular attention will be given to strengthening the impact of R&I supported activities for the well-being of society in Europe and in Africa. The total indicative call budget is €11 million provided by funding organizations + €6 million from EU contribution.





Each project consortium that applies for funding under Pillar 1 must consist of research teams from a minimum of four countries from the two continents, with at least 2 from European countries and at least 2 from African countries.

The first Pillar 1 Joint Call was organized in a two-stage submission procedure: pre-proposals and full proposals. All lawful steps were taken to ensure confidentiality of information and documents obtained during the submission, evaluation and selection procedures of the Call.

All information about the call: call text, call calendar, participating funding partners, the call eligibility criteria, transnational evaluation procedures and the national requirements was published on the LEAP-RE's website, in a dedicated section: <https://www.leap-re.eu/leap-re-call/>.

The Joint Call Secretariat (JCS) was lead by ANR. The Join Call Steering Committee (CSC) was set up by representatives of each participating funding partner, under the lead of ANR and MESRS, being in charge to confirm compliance with national/regional priorities, rules and regulations.

Support to applicants during the overall call process was ensured by the Call Secretariat lead by ANR at the mailbox: pilier1@leap-re.eu.

The online submission system for the call was also provided by ANR.

3.1 Transnational and national eligibility

The applicants that submitted electronically pre-proposals and those invited to the second phase (full proposals) were checked by the Call Secretariat against the transnational eligibility rules of the call. For an example, a consortium applying to the Call had to consist of at least four project partners from 4 different countries (2 from Europe and 2 from Africa) (see page 22 of the [call text](#)).

In both pre- and full proposal phases, all the data related to the submitted proposals was made available to the Call Steering Committee members in a smartsheet, on a password-based access.

Learning point: Transparency of the eligibility process. All members of the Call Steering Committee could see in real time the eligibility status of different project partners and also check comments indicating adjustments. At the same time, all members of the CSC could check the transnational eligibility status and compliance with the transnational rules

MEL Plan Indicators: 5-7

3.2 Evaluation Process

The transnational evaluation process followed the two submission deadlines: pre-proposals (1st April 2021 17:00 CEST) and full proposals (15 September 2021 17:00 CEST).

The evaluation procedures were designed to identify the best proposals in terms of scientific excellence, impact, quality and efficiency on the implementation, as thoroughly



and accurately as possible; and to undertake the assessment in a fair, transparent and homogeneous way for all proposals submitted to the transnational Call.

The quality assessment of the submitted proposals was performed by the International Review Panel (IRP). The IRP was composed of international, independent reviewers who signed statements regarding Declarations of Confidentiality and Conflict of Interest.

The evaluation process was monitored by an independent observer who prepared a report on the assessment process for the European Commission.

Pre-proposals and full proposals were assessed based on the three main evaluation criteria: 1) Scientific Excellence; 2) Impact and 3) Quality and Efficiency of the Implementation (see paragraph 9 below).

The pre-proposal phase registered **124** projects out of which **92** were declared eligible by the JCS and the CSC and forwarded to the evaluation process. After the pre-proposal evaluation, **36** applications recommended to the CSC to invite in the second phase, taking into account also the funding available.

The **32** full proposals were assessed by at least three independent experts, members of the IRP. The IRP consensus meeting resulted in a ranking list with eligible full proposals with overall rating at, or above, 10 and with all the main evaluation criterion scores at, or above, 3. Proposals not meeting the thresholds were not recommended for funding by the IRP.

The selection of full-proposals was based on the ranking list of eligible full-proposals provided by the IRP as a recommendation and the available national/regional budgets until the committed public funds (including EU contribution) were exhausted. A CSC consensus meeting was organised on 23rd of November 2021 in Nairobi (in a hybrid format) to finalise Stage 2 and to elaborate the “joint selection list” of projects recommended for funding.

The independent observer (Stefan Nowak) wrote in his report that “The evaluation as carried out in stage 1 and stage 2 of the LEAP-RE Joint Call 2021 is fully compliant with the rules for EU co-funding.” Some issues were raised by the observer:

- Ranking topically and value chain related very different proposals in one single ranking list is challenging as very different criteria are addressed.
- While scientifically sound and innovative, the relevance of some of the more fundamental proposals for the implementation is not always given
- Collaboration between the partners in a project proposal is not always visible to the extent aimed for – the evaluation criteria could put more emphasis on this subject.

MEL Plan Indicator: 6

4. Results of the first Joint Call

The Joint Call ended successfully, according to the established calendar, in December 2021, with a list of **13** AU-EU projects recommended for funding (see Annex 2).

A global funding budget of 10.358.376 € was earmarked consisting of 7.809.226 € coming from the participating funding agencies and 2.549.150 € coming from European Commission.



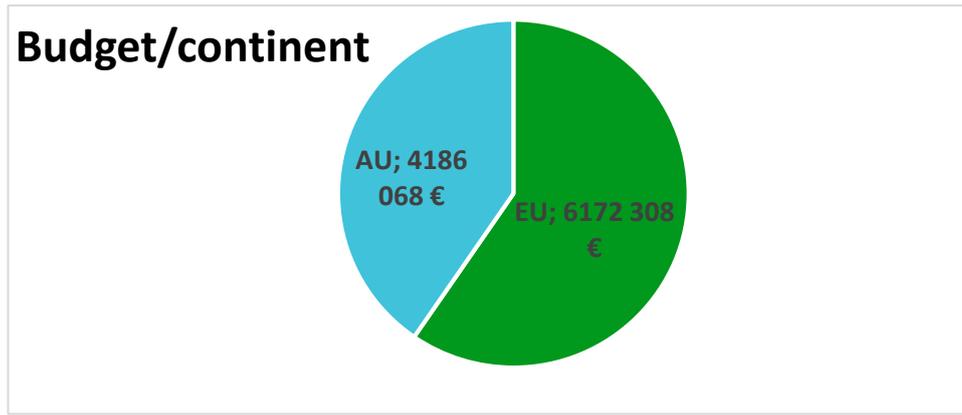


Figure 2: Budget requested according per continent according to the 13 projects recommended for funding

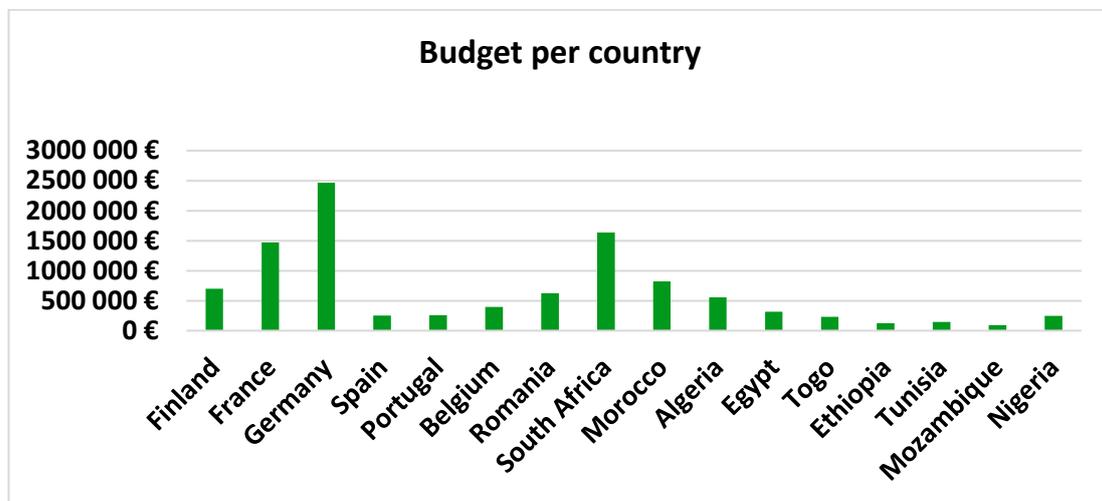


Figure 3: Budget involved per country participating in the Joint Call

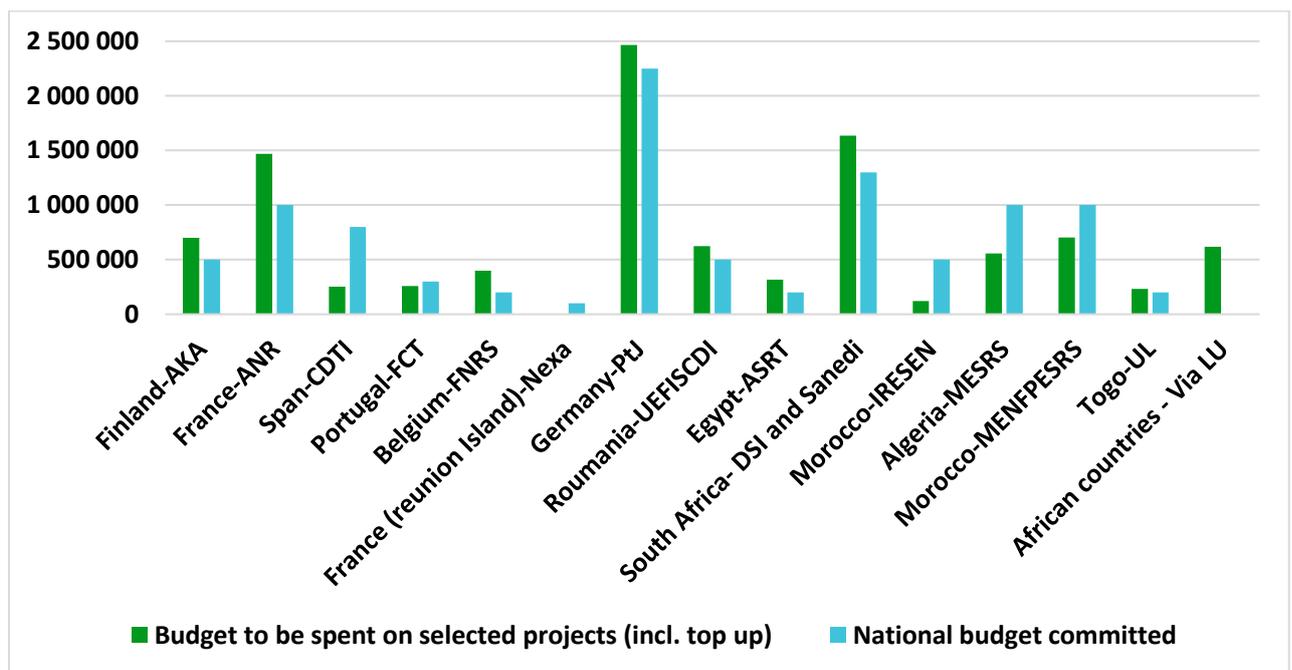


Figure 4: Budget involved per funding organization participating in the Joint Call





A total number of 83 partners involved in the 13 selected projects coming from 8 European countries and 9 African countries:

→ **Europe:** Belgium, France, Finland, Germany, Portugal, Romania, Spain, UK

→ **Africa:** Algeria, Egypt, **Ethiopia**, Morocco, **Mozambique**, **Nigeria**, South Africa
Togo, **Tunisia**

Four African countries without a representing funding agency, marked in blue above, are participating in the selected projects (budget dedicated: 618.860 €).

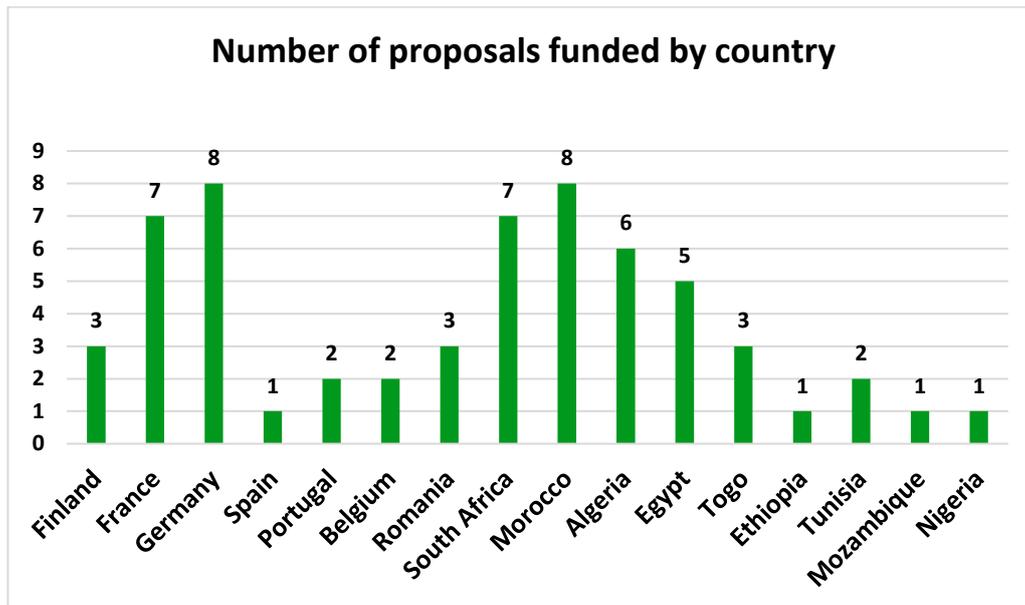


Figure 5: Participating countries in the 13 projects recommended for funding

Each country participating to Pillar 1 Call is involved in selected proposals recommended for funding

MEL Plan indicators: 1-2

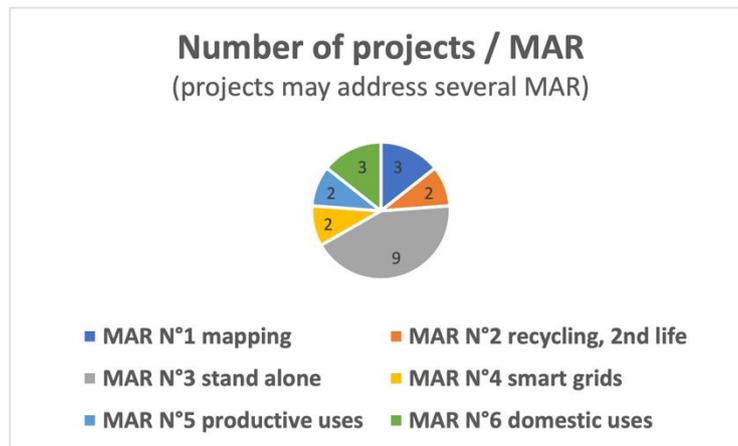




Figure 6: Number of partners involved in the 13 projects recommended for funding per country

4.1 Multi-Annual Roadmaps (MARs)

The 13 AU-EU projects recommended for funding are addressing the 6 LEAP-RE MARs.



The LEAP-RE project has received funding from the European Union's Horizon 2020 Research and Innovation Program under Grant Agreement 963530.

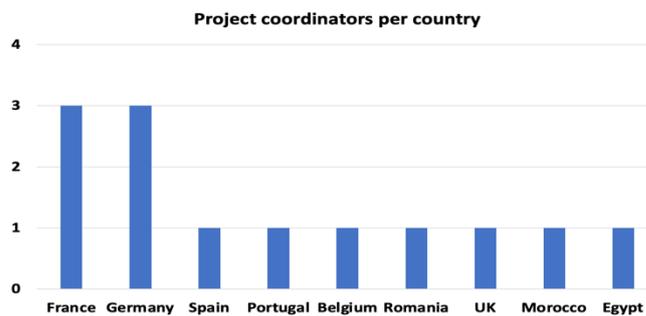
Figure 7: LEAP-RE MARs addressed by the 13 projects in Pillar 1 (source: Joint Call Secretariat)

MEL Plan indicator: 16

4.2 Pillar 1 project coordinators distribution according to the country

The 13 projects recommended for funding count 11 coordinators from Europe and 2 from Africa.





The LEAP-RE project has received funding from the European Union's Horizon 2020 Research and Innovation Program under Grant Agreement 963530.

Figure 8: Project coordinators distribution per country

4.3 Project Partners : type of organisations

Most of the partners involved in the 13 projects recommended for funding are from the public sector (74/83), but private actors (industry representatives) are present in 6 of the projects, according to the graphical representation below.

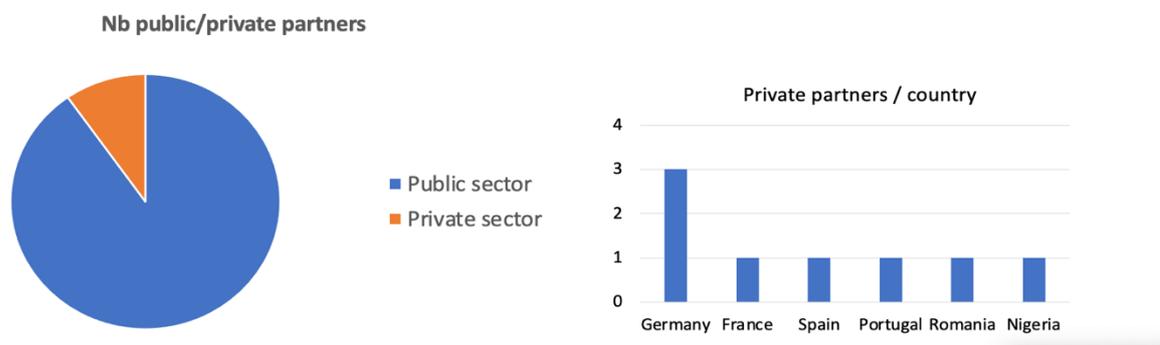


Figure 9: Project partners' distribution per type of organisation

4.4 Gender dimension in the 13 selected projects

The gender dimension in LEAP-RE Joint Call 2021 was addressed through the gender equality, therefore applicants had to consider gender equality and gender issues wherever possible, including in, for example:

- The conceptual and methodological design of their project
- The social and economic impacts of their project
- Selection of project manager
- Composition of project group



- Division of work, power and influence in the project
- Involvement of target groups.

While the evaluation process addressed specifically the gender dimension both within the projects teams and in the research content of the proposals, the JCS can provide data regarding the gender balance in the teams composition and the continent of origin. Thus, a general 22% of the project partners (of coordinator or main researcher of each team involved in each project) involved in the 13 projects recommended for funding are female

Gender of coordinator and main researcher

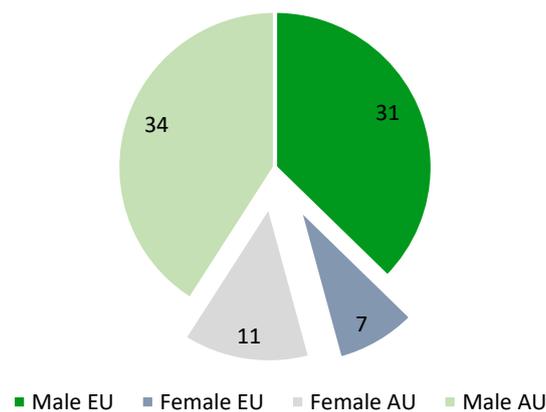


Figure 10: Gender balance in the 13 selected project teams (source : Joint Call Secretariat)

5. Conclusions & Recommendations

According to the data presented above measured against the first indicative input and output indicators for Pillar 1 (Annex 1), the CSC members can make an informed decision on the preparation and launch of a second call.

In December 2021 a survey was already launched by JCS among the CSC members to collect their interest for a second call and indicative budgets.

The initial indicators from the draft version of the LEAP-RE MEL Plan (input and output) in Annex 1, ranging from 1 to 13, totally or partially demonstrate that the call results meet already some of the MEL Plan dimensions such as: **Program delivery and effectiveness, Program Cofund and visibility, AU-EU Community, Research and Innovation around the MARs.**

Annex 1

Monitoring Indicator				Implementation						
No	Intervention logic	Level/ Stakeholder Group	Indicator	Calculation	Dimension	Source of information	Tool	Call I	Call II	Callx
1	1 Inputs for the cofunded call of Pillar 1	Funding partners commitment	Participating Funding Partners in the call	1. Number and type of funding partner participating in the call from Europe 2. Number and type of funding partner participating in the call from Africa 3. Participating countries beyond Africa and Europe in the call	Program delivery and effectiveness	Call Text	Spreadsheet or Online Tool	yes	yes	yes
2	1 Inputs for the cofunded call of Pillar 1	Funding partners commitment	Budget allocated for projects in the call	Amount of budget in EUR allocated for the call (in total and by country incl. EC Cofunds)	Program Cofund and visibility	Call Text	Spreadsheet or Online Platform	yes	yes	yes



3	1	Inputs for the cofunded call of Pillar 1	Funding partners commitment	Budget allocated for joint coordination activities in the call	Amount and share of budget in EUR allocated for joint coordination activities (e.g. call secretariat, monitoring, communication&dissemination) of the call (in total and by country)	AU-EU Community	Call Manual/LE AP-RE Cofund Grant Agreement	Spreadsheet or Online Platform	yes	yes	yes
4	1	Inputs for the cofunded call of Pillar 1	Reaching target group	Type of R&I supported in the call	1. Types of R&I supported in the call (not mutually exclusive) a. Fundamental research / basic research b. Industrial research / applied research c. Experimental development projects (covering all innovation steps) 2. Types of R&I supported by each funding partner	Research and Innovation around the MARS	Call Text, FP survey	Spreadsheet or Online Platform	yes	yes	yes
5	2	Joint call activities of CSC	Funding partners commitment	Participating FP taking over joint coordination activities in the call	Number and country of FP actively taking over joint coordination activities in the call (related to No 3)	Program Cofund and visibility	Call Manual/LE AP-RE Cofund Grant Agreement	Spreadsheet or Online Platform	yes	yes	yes



6	2 Joint call activities of CSC	Reaching target group	Balance of reviewer panel for proposal evaluation	Reviewers (anonymously) of proposals according to a. country where the reviewer is based b. gender c. type of affiliation (e.g. research organisation, business)	Gender and Youth Empowerment	Joint Call Secretariat	Spreadsheet or Online Platform	yes	yes	yes	
7	2 Joint call activities of CSC	Efficiency of CSC	Efficiency in funding operations in CSC	Number of months from proposal submission to last national contract concluded 1. Time in days from submission of full proposal to communication of project acceptance (TTD – Time to Decision) 2. Time in days from submission of full proposal to conclusion of last national funding contract (TTC – Time to Contract) 3. Time in days from submission of final LEAP-RE report to transfer of final national funding rate (TTM – Time to Money)	Program delivery and effectiveness	Currently, time to decision is covered by the call secretariat . Time to contract will be possible to compute based on project monitoring. Time to Money is not yet planned to be collected	LEAP-RE Platform Potentially also for TTC and TTM	Project for TTD. Also for TTM	yes	yes	yes



8	2 Joint call activities of CSC	Reaching target group	Number and type of call information support services	Number and type of call information support services used (per project or by type) a. Project search forms b. Project Match Making c. Webinars d.	AU-EU Community	Call Secretariat, Call Text, FA Survey	Spreadsheet or Online Platform	yes	yes	yes
9	2 Joint call activities of CSC	Reaching target group	Measures to support exploitation and upscaling/replication to increase impact	Measures by FPs and LEAP-RE to increase project impact (e.g. demand for innovation brief, policy briefs, business plans, plan for upscaling/replicating, follow-up financial support for projects for market application)	AU-EU Community	Call Text Joint Call Secretariat	Spreadsheet or Online Platform	yes	yes	yes
10	3 Outputs of the joint call activities of the CSC	Reaching target group	Number of applications and rate of acceptance	1. Number of project applications (1st stage, 2nd stage) and No of contracted projects 2. Share of contracted projects in project applications (oversubscription) 3. Share of contracted projects in project applications above threshold 4. Share of rejected	Program delivery and effectiveness	Joint Call Secretariat	Spreadsheet or Online Platform	yes	yes	yes



					projects in project applications due to non-eligibility							
11	3 Outputs of the joint call activities of the CSC	Efficiency of CSC	of	Contracted budget for projects and oversubscription	1. Share of applied project budget in allocated project budget in the call (in total and by country/funding partner) 2. Share of contracted project budget in allocated project budget in the call (in total and by country)	Program delivery and effectiveness	Joint Call Secretariat	Spreadsheet or Online Platform	yes	yes	yes	
12	3 Outputs of the joint call activities of the CSC	Efficiency of CSC	of	Distribution of EC Cofund by country	1. Distribution of contracted EC Cofund by country 2. Distribution of contracted EC Cofund by funding partner 3. Share of EC Cofund in total contracted project budget by country	Program Cofund and visibility	Joint Call Secretariat	Spreadsheet or Online Platform	yes	yes	yes	



				4. Share of EC Cofund contracted in total EC Cofund allocated for the call						
13	3 Outputs of the joint call activities of the CSC	Quality of achievements of target group	Thematic orientation of project portfolio for the call (MARs)	Number and share of contracted project funding according to call topics (MARs)	Research and Innovation around the MARs	Joint Call Secretariat Project Proposals	Spreadsheet or Online Platform	yes	yes	yes
14	3 Outputs of the joint call activities of the CSC	Reaching target group	"First time" beneficiaries	1. Number and share of funded "first time" LEAP-RE project beneficiaries according to type 2. Share of funded "first time" LEAP-RE project beneficiaries in "first time" applicants according to type	Program delivery and effectiveness	Project Proposals	Spreadsheet or Online Platform	yes	yes	yes
14	3 Outputs of the joint call activities of the CSC	Quality of cooperation	Number of formal project changes per project	Number and type of changes in the project 1. Drop/exchange of project partner 2. Substantial delays 3. Budget exchanges	Program delivery and effectiveness	annual LEAP-RE Pillar 1 and Pillar 2 reports	Spreadsheet or Online Platform	yes	yes	yes



15	4	Project beneficiaries	Reaching target groups	Beneficiaries of projects according to type and countries and cooperation along the R&I cycle (Transdisciplinarity in projects)	<ol style="list-style-type: none"> 1. Number & share of project beneficiaries according to type (in total and by country): <ol style="list-style-type: none"> a. universities and other educational institutions b. public and private research organisations c. business: thereof e.g. SME, industry, consultants d. public authorities e. other governmental institutions (e.g. other public utilities) f. non-commercial/non-profit organisations g. private-non-profit organisations 2. Funding according to beneficiary type (in total and by country) 3. Number and share of projects involving the following type of stakeholders/applicants <ol style="list-style-type: none"> a. private sector b. public sector c. societal stakeholders 4. Partners participating with own funds 	Program delivery and effectiveness	Project Proposals	LEAP-RE Reports Platform	Template or Online	yes	yes	yes
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16	4	Project beneficiaries	Reaching target group	R&I types in project portfolio	R&I types in contracted projects a. Fundamental research / basic research b. Industrial research c. Applied research	Program delivery and effectiveness	Project Proposals	Spreadsheet or Online Platform	yes	yes	yes
17	4	Project beneficiaries	Reaching target group	Interdisciplinarity in projects	1. Number of scientific disciplines involved in the project 2. Disciplines involved in the project	Program delivery and effectiveness	Project Proposals	Spreadsheet or Online Platform	yes	yes	yes
18	4	Project beneficiaries	Reaching target group	Gender balance within projects	Number and share of employed persons in the project according to function and sex: a. Coordinator (m/f) b. (Research) supporter (m/f) c. Technician (m/f)	Gender and Youth Empowerment	Project Proposals	Spreadsheet or Online Platform	yes	yes	yes
19	4	Project beneficiaries	Reaching target group	Balance in the consortium between African and European partners	Number of partners from Europe and from Africa	Gender and Youth Empowerment	Project Proposals	Spreadsheet or Online Platform	yes	yes	yes



20	4	Project beneficiaries	Reaching target group	Engagement of stakeholders/applicants within the project	1. Number and type/modes of interaction/integration with stakeholders 2. Number and type of stakeholders reached within the project (e.g. key R&I actors and stakeholders for future joint Europe/Africa future initiatives)	AU-EU Community	Project survey/financial report	Spreadsheet or Online Platform	yes	yes	yes
21	4	Project beneficiaries	Implementation/Risks	Use of innovative formats in project for real life testing	1. # and type innovative formats used in project (e.g. type: living labs, demonstration, regulatory innovation zones) 2. Geographical distribution of innovative formats	PRogram delivery and effectiveness	Project survey/financial report	Spreadsheet or Online Platform	yes	yes	yes



22	4	Project beneficiaries	Implementation/Risks	Type of innovation envisaged in the project	<p>1. Type of innovation envisaged by the project:</p> <p>...a. product innovation</p> <p>...b. process innovation</p> <p>...c. service innovation</p> <p>...d. organisational innovation</p> <p>...e. social innovation</p> <p>2. Is the envisaged innovation:</p> <p>... new to the involved African application partner (business, governmental institution, NGO etc.)</p> <p>... new to European application partner in general ("European market")</p> <p>... new to all application partners worldwide ("African-European market")</p>	Program delivery and effectiveness	Project proposal, Project survey	Spreadsheet or Online Platform	yes	yes	yes
23	5	Tangible project outputs/outcomes	Implementation/Risks	Project has successfully reached its objectives	<p>Project has its objectives</p> <p>....a. fully reached</p> <p>....b. predominantly reached</p> <p>....c. partly reached</p> <p>....d. almost not reached</p>	Program delivery and effectiveness	Project survey/financial report	Spreadsheet or Online Platform	yes	yes	yes



24	5 Tangible project outputs/outcomes	Results (scientific)	Publications in the area of renewable energy based on LEAP-RE project findings	1. Number of accepted publications in the area of renewable energy in peer-reviewed high impact journals (in open access format) 2. Number of publications in popular science in the area of renewable energy (in open access format)	Production of new knowledge	Project survey/financial report	Project templates; Platform databases for publication networks in the area of renewable energy of LEAP-RE project partners (e.g. to compare to project networks)	Monitoring Online	yes	yes	yes
25	5 Tangible project outputs/outcomes	Results (technological)	Patents in the area of renewable energy based on LEAP-RE project findings	1. Number of patent applications and patents awarded in the area of renewable energy based on LEAP-RE project findings	Program delivery and effectiveness	Project survey/financial report	Project templates; Platform databases for publication networks in the area of renewable energy of LEAP-RE project partners (e.g. to compare to project networks)	Monitoring Online	yes	yes	yes



26	5 Tangible project outputs/outcomes	Results	Number and type of experimental projects and other tested outputs	1. Number and type of experimental projects 2. Number and type of other tested outputs: a. guidelines b. prototypes c. methodologies d. models e. blueprints f. frameworks g. IT applications h. data sets i. observatories	Program delivery and effectiveness	Project survey/financial report	Spreadsheet or Online Platform	yes	yes	yes
27	5 Tangible project outputs/outcomes	Capacity building	Number of involved Master & PhD students (gender dimension included)	Number of involved Master & PhD students from Africa and Europe and their disciplines in project	Capacity building	Project survey/financial report	Spreadsheet or Online Platform	yes	yes	yes



28	6	Impact on the target group	Capacity building	Exploited/utilised output at the end of the project and capacity building	<p>a) Number of outputs applied/exploited in (1) policy and (2) practice at the end of the project to contribute to renewable energies as a result of granted LEAP-RE Africa-Europe supported projects.</p> <p>Planned outputs as proxy measure if data is not available.</p> <p>b) Number of projects that have used LEAP-RE support measures to reach stakeholders (e.g. innovation brief, policy briefs, business plans, plan for upscaling/replicating, follow-up financial support for projects for market application)</p>	Capacity building	Grant agreement Project survey/financial report	Project templates; Platform	Monitoring Online	yes	yes	yes
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29	6	Impact on the target group	Enhanced cooperation Africa - Europe (capacity building)	Follow-up project activities exist to strengthen knowledge transfer, cooperation or investments in innovations between Africa and Europe	1. Type of follow-up activities the beneficiaries are engaged in: a. Investments received for follow-on innovation activities based on project results b. Follow-up R&I projects d. Sustainability of collaborations of Africa – Europe partners with stakeholders/applicants in research, development, and piloting activities e. Sustainability of collaborations among R&I partners from Africa and Europe	Policy engagement and influence	Project survey/financial report	Project templates; Platform	Monitoring Online	yes	yes	yes
30	6	Impact on the target group	Upscaling/Replication	Renewable energy (outputs) that have been upscaled and replicated at the end of the project	Number of outputs that have been upscaled and replicated at the end of the project (already RE innovations). Planned outputs as proxy measure if data is not available.	Policy engagement and influence	Grant agreement Project survey/financial report	Project templates; Platform	Monitoring Online	yes	yes	yes

Annex 2

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Renewable Energy Modelisation and scenarios

OASES	Development and Demonstration of a Sustainable Open Access AU-EU Ecosystem for Energy System Modelling					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>1058</td> <td>951</td> </tr> </tbody> </table>	cost k€	funding k€	1058	951	
cost k€	funding k€					
1058	951					

Renewable Energy technologies recycling and 2nd life

RESTART	REcycling of spent Li-ion batteries and end-life photovoltaic panels: From the development of metal recovery processes to the implementation of a START-up					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>1256</td> <td>879</td> </tr> </tbody> </table>	cost k€	funding k€	1256	879	
cost k€	funding k€					
1256	879					

SIREVIVAL	Si-based devices for renewable energy: From end of life recycling to revival of photovoltaic modules					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>969</td> <td>597</td> </tr> </tbody> </table>	cost k€	funding k€	969	597	
cost k€	funding k€					
969	597					

Domestic Clean cooking and biomass transformation

SunGari	SunGari: A modern solar cooking solution for African staples					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>539</td> <td>376</td> </tr> </tbody> </table>	cost k€	funding k€	539	376	
cost k€	funding k€					
539	376					

SoCoNexGen	Solar Indoor Cooking Systems of the Next Generation					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>776</td> <td>740</td> </tr> </tbody> </table>	cost k€	funding k€	776	740	
cost k€	funding k€					
776	740					

SOLAR INDUCE	SOLAR INDUCEed domestic clean efficient cooking and refrigeration for off-grid applications in Africa					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>1315</td> <td>763</td> </tr> </tbody> </table>	cost k€	funding k€	1315	763	
cost k€	funding k€					
1315	763					

PyroBioFuel	Sustainable biomass conversion into bioenergy through pyrolysis					
	<table border="1"> <thead> <tr> <th>cost k€</th> <th>funding k€</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td>1000</td> </tr> </tbody> </table>	cost k€	funding k€	1000	1000	
cost k€	funding k€					
1000	1000					

* Flag = project coordinator country



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New Renewable Energy for Africa

HyAfrica	Towards a next generation renewable energy source – a natural hydrogen solution for power supply in Africa.	
cost k€	funding k€	
972	972	

New, more efficient PV cells

QDSOC	Environmentally friendly colloidal quantum dots for high performance solar cells	
cost k€	funding k€	
847	718	

NANOSOLARCELL	Integration of photonic conversion layers based on photoemissive nanostructured materials for improving sunlight harvesting ability of solar cells	
cost k€	funding k€	
954	684	

Productive uses and new applications of solar energy

MG-FARM	Smart stand-alone micro-grids as a solution for agriculture farms electrification	
cost k€	funding k€	
1126	863	

LEDSOL	Enabling clean and sustainable water through smart UV/LED disinfection and SOLar energy utilization	
cost k€	funding k€	
1078	876	

SolChargE	Decentralized Solar Charging System for Sustainable Mobility in rural Africa	
cost k€	funding k€	
1149	972	

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