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Programme

***PRE-LEAP-RE***

*Coordination and Support Action (CSA)*

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**PRE-LEAP-RE**  
PREparing for a Long-Term Joint EU-AU Research  
and Innovation Partnership on Renewable Energy

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**Summary of recommended actions from round tables and workshop underlying stakeholder's commitment in 1-funding, 2-R&I, 3 ? Human and institutional capacity building, in compliance with Agendas**

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Authors : Mr. Stefan A. HAFFNER (HGF/DLR), Mokthar Sellami (MESRS)

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Project officer: Philippe Schild

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## Summary

PRE-LEAP-RE aims to create and sustain a platform of actors involved in the AU-EU collaboration on renewable energies and capacity building for the LEAP-RE project and the LEAP-RE process thereafter. The project follows the ?Quadruple Helix Approach? by addressing actors from funding institutions, research institutions, private sector institutions and civil societies. PRE-LEAP-RE organized the dialogues with African and European stakeholders in two Virtual Round Tables (VRT) and two Strategic Workshops (SWS) in the context of Work Package (WP) 3 ?Stakeholder Engagement, Task (T) 3.1 ?Exploitation of synergies identified. #1VRT ?For Contributors? | 28 May 2019 | 11:00 ? 13:00 CEST #2VRT ?For Contributors? Discussion? | 11 June 2019 | 11:00 ? 13:00 CEST #1SWS BRX | 6-7 December 2018 | Brussels, Belgium #2SWS STB | 24-27 June 2019 | Stellenbosch, South Africa The overall objective of these events were to inform a broad community of actors in the field of Renewable Energies (RE) about the options for designing a Research and Innovation Action (RIA) in combination with ?Article 15 FINANCIAL SUPPORT TO THIRD PARTIES? according to the Annotated Model Grant Agreement (AGA) | Version 5.1 | 6 December 2018 of the H2020 Programme. The European Union Commission (EC) deviated from the former intention to prepare with PRE-LEAP-RE an European Joint Programming Activity (EJP). The implications of this change have been addressed in the dialogues with the stakeholders in the context of the four events. This document reports the feedbacks, remarks and new ideas from stakeholders. PRE-LEAP-RE built a data base of more than 700 stakeholders engaged in the field of RE in Africa and Europe. More than 200 of them participated in the four PRE-LEAP-RE events and have been informed about potential elements and approaches for the development of a future jointly funded RIA on renewable energy, LEAP-RE project. 92 participants have been Africans and 114 Europeans. Only 64 of the participants have been women, 145 have been men. In #1VRT we had 75 participants, in #2VRT we had 46 participants, at the first strategic workshop in Brussels #1SWS | 6-7 December 2018 we had 104 participants and in the one organized in Stellenbosch 77 stakeholders reached #2WS. In #2VRT and the both workshops the stakeholders had the opportunity to discuss several aspects of the envisaged project as well as the long-term approach towards the collaboration of the AU ...

## Approval

Date	By
2019-07-30 17:51:29	Mr. Joan-Marc Joval (EIT InnoEnergy)
2019-07-30 17:53:08	Mr Bertrand Bouchet (CEA)



# PRE-LEAP-RE

PREparing for a Long-Term EU-AU Research and Innovation Partnership on  
Renewable Energy

## Summary Round Tables and Workshops

### Deliverable D3.1

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**Lead Beneficiary: DLR-PT (German Aerospace Center – Project Management Agency)**

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## About PRE-LEAP-RE

PRE-LEAP-RE – Preparing for a long-term EU-AU research and innovation partnership on renewable energy – is promoting an effective pathway for empowering local research. This pathway could be achieved by fostering EU-AU joint cooperation while creating the condition to transform research into effective innovation, tailored to the specific needs, the capacity and the aspiration of the African people and society which may be different from region to region.

Led by CEA, it gathers 17 partners across Africa and Europe jointly committed to strengthening the overall framework for cooperation in the field of science, technology and innovation (STI). During 14 months, the participants will identify and formulate a strategic Joint Research and Innovation (R&I) Programme for renewable energy technology and establish the organizational principles for its implementation within a forthcoming Joint Programme by bringing together national funding agencies of EU member states, African states and other key EU-AU actors involved in energy research.

*For more information visit: [www.leap-re.eu](http://www.leap-re.eu)*

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## Executive Summary

PRE-LEAP-RE aims to create and sustain a platform of actors involved in the AU-EU collaboration on renewable energies and capacity building for the LEAP-RE project and the LEAP-RE process thereafter. The project follows the ‘Quadruple Helix Approach’ by addressing actors from funding institutions, research institutions, private sector institutions and civil societies.

PRE-LEAP-RE organized the dialogues with African and European stakeholders in two Virtual Round Tables (VRT) and two Strategic Workshops (SWS) in the context of Work Package (WP) 3 ‘Stakeholder Engagement’, Task (T) 3.1 ‘Exploitation of synergies identified’.

#1VRT ‘For Contributors’ | 28 May 2019 | 11:00 – 13:00 CEST

#2VRT ‘For Contributors’ Discussion’ | 11 June 2019 | 11:00 – 13:00 CEST

#1SWS BRX | 6-7 December 2018 | Brussels, Belgium

#2SWS STB | 24-27 June 2019 | Stellenbosch, South Africa

The overall objective of these events were to inform a broad community of actors in the field of Renewable Energies (RE) about the options for designing a Research and Innovation Action (RIA) in combination with ‘Article 15 FINANCIAL SUPPORT TO THIRD PARTIES’ according to the Annotated Model Grant Agreement (AGA) | Version 5.1 | 6 December 2018 of the H2020 Programme. The European Union Commission (EC) deviated from the former intention to prepare with PRE-LEAP-RE an European Joint Programming Activity (EJP). The implications of this change have been addressed in the dialogues with the stakeholders in the context of the four events. This document reports the feedbacks, remarks and new ideas from stakeholders.

PRE-LEAP-RE built a data base of more than 700 stakeholders engaged in the field of RE in Africa and Europe. More than 200 of them participated in the four PRE-LEAP-RE events and have been informed about potential elements and approaches for the development of a future jointly funded RIA on renewable energy, LEAP-RE project.

**Table 1: Statistics about the participation in PRE-LEAP-RE events**

<b>Region</b>	<b>African</b>	<b>92</b>
	<b>European</b>	<b>114</b>
	<b>International Organisation</b>	<b>2</b>
	<b>Unidentified origin</b>	<b>4</b>
	<b>Total participants</b>	<b>212</b>
<b>Gender</b>	<b>Female</b>	<b>64</b>
	<b>Male</b>	<b>145</b>
	<b>Unknown Gender</b>	<b>3</b>
<b>Participation per Event</b>	<b>#1 VRT</b>	<b>75</b>
	<b>#2 VRT</b>	<b>46</b>
	<b>#1 SWS BRX</b>	<b>104</b>
	<b>#2 SWS STB</b>	<b>77</b>

92 participants have been Africans and 114 Europeans. Only 64 of the participants have been women, 145 have been men.

In #1VRT we had 75 participants, in #2VRT we had 46 participants, at the first strategic workshop in Brussels #1SWS | 6-7 December 2018 we had 104 participants and in the one organized in Stellenbosch 77 stakeholders reached #2WS.

In #2VRT and the both workshops the stakeholders had the opportunity to discuss several aspects of the envisaged project as well as the long-term approach towards the collaboration of the AU and the EU in RE.

The basis for these dialogues have been the four PRE-LEAP-RE Background Papers (BP), developed in WP1+2 as documents in progress to be further developed together with interested stakeholders: #1BP Roadmaps & Ecosystems | #2BP Funding & Private Sector | #3BP Long-Term Perspective | #4BP Individual Funding & Contribution Regulations. The BPs have been constantly updated during the consultation process with the stakeholders in the round tables and the workshops.



## Keywords

Renewable energy, AU-EU long-term collaboration in R&I, Network of Funders and contributors, Programme and Innovation Management Cycle, Knowledge Management and Communication Framework, Research, Innovation, Capacity Building



## 1 The Background Papers

The four BPs provide a summary of the analysis, theoretical background and modules for the human and institutional capacity building agendas and the research and innovation agendas as well as of the organisational and funding principles for LEAP-RE. They have been drafted as documents in progress in WP1+2, to support the dialogues with African and European stakeholders in WP3. The four documents served as the basis for the organisation of the two virtual round tables and the two workshops in Brussels and Stellenbosch and have been updated after each of the events.

The BPs will support the proposal writing process for LEAP-RE.

Under the following headlines within the four documents, the BPs address central issues about the future LEAP-RE project and long-term partnership approach:

### 1.1 #1BP | Roadmaps & Ecosystems

- **Executive Summary**
  - The rationale from the ecosystem analysis
  - Research and Innovation Agendas and impact pathways – the Multi-Annual Roadmaps
  - Human and Institutional Capacity Building Agenda - the Holistic PRE-LEAP-RE approach
- **Recommendations for the PRE-LEAP-RE Agendas**
  - Technology Development
  - Methodological Approach
  - Energy Scenarios and Policy Analysis
- **Multi-annual Roadmaps**
  - Capacity building in LEAP-RE: a holistic approach addressing the identified gaps through generation of competence and capacity in a multilevel system.
  - #1: Mapping joint research and innovation actions for next-step development of RES
  - #2: End-of-life and second-life management and environmental impact of RE components
  - #3: Smart stand-alone systems
  - #4: Smart grid (different scale) for off grid application
  - #5: Processes and appliances for productive uses
  - #6: Innovative solutions for priority domestic uses (clean cooking and cold chain)

### 1.2 #2BP | Funding & Private Sector

- **Contributor's Networks**
- **Open Calls and LEAP-RE Consortium activities**
- **One Coordination Secretariat and Call Secretariats**
- **Contributor's Influence on Research Impact**
- **The Three Pillars Model and the Consortium Agreement for Budget Allocation**
- **Eligibility Criteria and Funding and Contribution Regulations**
- **Distribution of Funds for Open Calls for Research Proposals and other Activities**
  - Funding Pots - Experience from the ERA Learn Platform



- Pillar II - Selected Co-funded Research at 50%
- Venture capital for R&I could rise interest
- **Stakeholders Involvement – the Quadruple Helix Approach**
- **Open Philosophy and Intellectual Property Rights**
- **Associated Partners**

### 1.3 #3BP | Long-Term Perspective

- **Theories of Change and Impact Pathways**
- **Long-Term Network Building and Management of Action**
- **Knowledge Management and Communication Framework**
- **Coordinating Secretariat Concept**

#3BP drafts the long-term approach that will have to be initiated and developed in the LEAP-RE project and maintained by the network of actors that will have been formed towards the LEAP-RE process after the project

### 1.4 #4BP | Individual Funding & Contribution Regulations

- **Pillar I | ,External' Research Funding & Capacity Building | Open Calls for Proposals**
- **Pillar II | ,Internal' Consortium R&I | Capacity Building | Infrastructures**

#4BP is a draft template which will serve the development of the open call in Pillar I, to allow the funders to define their individual eligibility criteria and funding regulations. Furthermore it serves in Pillar II to define the contributions to the projects of the sub-consortia.

## 2 Feedbacks from the Dialogues

The following collection of statements are resulting from the dialogues with stakeholders during the #2 VRT and both Strategic Workshops in Brussels and Stellenbosch.

### 2.1 Multi Annual Roadmaps

- The six Multi Annual Roadmaps (MAR) serve to provide general direction for the partnership where a diversity of funding agencies can find their interests in the roadmaps. The MAR do not exclude topics of some funding agencies and potential collaborations. They have been developed in reference to the AU-EU Climate Change and Sustainable Energies (CCSE) partnership and the HLPD roadmap on CCSE. It is intended to implement the HLPD roadmap on CCSE with the 6 roadmaps
- African and European researchers have been consulted continuously regarding the actual energy challenges and the Roadmaps, and their feedbacks, has been taken into account.
- The six MAR should be described more in detail, perhaps in an additional document. It has been expressed e.g. that refugee camps should be addressed more explicitly
- The relevance and inclusivity of the 6 MAR in addressing the RE priorities of both African and European partners must be secured.
- Socio-political aspects of energy should be included into the MAR
- The impact pathways will have to be defined more clearly in the MAR
- The MAR are mainly focused on off grid, standalone systems. There was a request to add the integration on large scale RE system, but addressing the large scale is beyond the EC scope for the RIA LEAP-RE project.



Moreover, in MAR 4 there is space foreseen where each research on the technology develop shall be thought to be grid connected in the future. LEAP-RE will implement research that will allow large scale integration in the future.

- Important to understand the specifics of each country in term of grid access.
- The Technology readiness levels (TRL) to be addressed with LEAP-RE will have to be defined.

## **2.2 Capacity Building**

- LEAP-RE will have to learn from existing capacity building in former and ongoing projects and avoid duplications.
- Capacity Building activities must be linked to the technological aspect of the MAR. Researchers should be able to engage with community, entrepreneurs and policy makers in their work.
- Capacity building for institutions and individual researcher are key determinants for the success of the future joint programmes under the umbrella of LEAP in RE.

## **2.3 Infrastructure**

- The PRE-LEAP-RE project will not build actual physical infrastructure but can raise the awareness of infrastructure gaps and mobilize other parties to assists with that.

## **2.4 Network of actors**

- Institutions like the African Union and the Regional Economic Communities (RECs) should be included into the collaboration more closely.
- All member states should be mobilized on a result oriented programme. It has been suggested to sensitise the AU-EU High Level Policy Dialogue (HLPD) on the need for a stronger dialogue and collaboration in funder's networks and to dedicate the coming HLPD stakeholder forum in Addis Ababa coming November to a dialogue on this and to raise this issue in the HLPD Senior Official Meeting (SOM).
- Learning from LEAP-Agri and LEAP4FNSSA will be key.
- LEAP-RE should assist businesses with ready developed technologies to deploy them into local communities within Africa.
- The collaboration in research and innovation and technology deployment should be of benefit for both African and European partners.
- More African countries should be involved. In any case, attention will be paid on regional balance (equal participation from African and European funding and research partners), ethics, monitoring and evaluation, eligibility requirements, gender issues, involvement of young researchers and innovators.
- LEAP-RE is at the beginning of the design stage of the project and funding model and everyone can still participate in terms of structuring it.
- The main benefit of the LEAP-RE project lies in the collaboration of researchers and innovators and of the funders and contributors to the network. The individual intention is not to get as much EU top-up as possible. The decision about the budget allocation to projects in Pillar I and II will follow this priority on the common collaboration aspect and not about gaining additional EU budget as much as possible. Each contribution from the consortium partners will support those researchers and projects they want to support, so that there will be in no case a loss of investment but the benefit of strengthening the collaboration network in all dimension.



- The network of funders should be strengthened with a further meeting to continue the collaboration and discussion about funding approaches in R&I in general and in RE in particular. The coming HLPD Stakeholder Forum in Addis Ababa in November this year could be an opportunity to focus on the funding issue of public funders (ministries).

## 2.5 Long-Term Partnership in RE

- A long-term perspective that contributes to the national priorities of both European and African partners is needed.
- LEAP-RE should leverage on the projects and initiatives that already exist.
- The Theories of Change and Impact Pathways approach serves the need to develop common Roadmaps for R&I and capacity building agendas and allows the development of a broader M&E concept which could include also the programme dimension.
- M&E about the activities of the LEAP-RE projects in Pillar I and the sub-consortia in Pillar II as well as about other R&I activities aside the LEAP-RE process are a part of a broader approach to institutionalise learning from R&I activities as well as for reflecting on programmes for R&I and future planning in Programme and Innovation Management Cycles (PIMCs)

## 2.6 Design of LEAP-RE

- Once funders designed the open call and committed budget for Pillar I and sub-consortia for R&I projects in Pillar II have been formed and the LEAP-RE consortium will have agreed on the Pillar II foci and activities, the allocation of the EU top-up will have to be negotiated
- Three processes will have to be initiated:
  1. Pillar I: Design of the Open Call open to 'Third Parties'
  2. Pillar II: Design of Activities of sub-consortia and selection process for the sub-projects
  3. Negotiation about the allocation of the EU top-Up in all three pillars of LEAP-RE
- How many partners could be expected maximum in LEAP-RE?
- The maximum cost for the projects in Pillar I and II will have to be defined.
- Synergies with already running projects are possible and collaborations with these projects will have to be in line with the EU commission regulation.
- Consortium partners in LEAP-RE could apply for funding in Pillar I but have to be strictly excluded from the design process of the open call and the funding decision process.
- It is suggested to co-fund the activities in Pillar II with additional 50% contribution for each respective one from the EU Top-up. Furthermore it is suggested to fund Pillar III to 100% with EC's funding. Therefore, the coming LEAP-RE consortium will have to negotiate the allocation of the EC top up
- The 3-Pillars model strongly promotes that the fund invested by a country will be of immediate benefit for the researcher of this specific country. In Pillar 1 the funders will, since LEAP-RE will be a RIA, not be bound to a ranking list like in an ERA-Net, but more free to negotiate which proposal will be funded.
- 
- In Pillar 2, which covers "internal consortium activities", the research institutions will have to decide where to invest their money to sub projects. A PRE-LEAP-RE LinkedIn group was created to initiate an exchange on Pillar II.
- A funder in Pillar 1 could without being consortium member contribute as 'third party' with in kind contributions (cash or other contributions). A 1/3 party doesn't have to sign a GA BUT their contribution will not be calculated to the EC's 15 million €. Consortium partner must sign the GA and the CA, but 'third parties' must not.



## 2.7 Innovation and Private Sector in LEAP-RE

- The envisaged Sorting House Mechanism in the Programme and Innovation Management Cycle (PIMC) will be key for transferring research results to African and European societies and actors in RE.
- The Technology Readiness Level (TRL) to be addressed in the LEAP-RE project will have to be defined.

## 2.8 Coordination of LEA-RE & proposal writing process

- The coordinating institution(s) for LEAP-RE has to be identified as soon as possible for steering the process of proposal writing and the negotiations about the budget allocation in LEAP-RE.
- It is intended to manage LEAP-RE with a co-coordination approach with an African and an European institution.
- Everyone must go back home and explain the LEAP-RE project to their organizations and determine which pillar they would like to be part of in the LEAP-RE from Pillar 1 to 3.

The collection of these statements could serve during the proposal writing process for the RIA LEAP-RE as a source for designing the project's concept.

## 2.9 Preliminary Workflow | Proposal Writing LEAP-RE

- Draft Call Text Pillar 1: Preliminary budget indications | Aug. 2019
- Potential Pillar II Consortia: Preliminary budget indications | Aug. 2019
- Overall LEAP-RE Calculation: Binding budget indication & Agreement on the use of the EU Top-Up | Nov. 2019
- LEAP-RE Proposal Writing: Submission to the EU | March 2020

## Annex 1: Table 2 | List of participants

212 Participants - country-wise							Region			Sector						Gender			Details Event Participation			
							92	114	2	59	142	80	23	7	100	2	64	145	75	46	104	77
Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
African Union	AUC	African Union Commission	Ms		Rahel	Mesfin	1			1		1					1					1
African Union	AUC	African Union Commission	Mr		Mahaman Bachir	Saley	1			1		1						1				1
African Union	AU-PAUWES	Pan African University Waer and Energy Science	Mr	Dr.	Erick Gankam	Tambo	1				1				1			1	1			1
African Union	AU-PAUWES	Pan African University Waer and Energy Science	Mr	Prof.	Abdellatif	Zerga	1				1				1			1	1			
Algeria	PAU	Pan Africa University (PAUWES) - Algeria	Mr		Dominique Savio	Barahira	1				1				1			1				1
Algeria	SONELGAZ	SONELGAZ	Mr		Ahmed	Idda	1				1							1	1			
Algeria	CDER	Centre de Développement des Energies Renouvelables	Mr	Dr.	El Amin	Kouadri Boudjelthia	1				1				1			1			1	
Algeria	MESRS	Ministry of Higher Education and Scientific Research	Mr		Mokhtar	Sellami	1			1		1						1	1		1	1
Algeria	CDER	Centre de Développement des Energies Renouvelables	Mr	Prof.	Noureddinne	Yassaa	1				1				1			1		1		
Austria	REEEP	Renewable Energy and Energy Efficiency Partnership	Mr		Martin	Hiller		1			1	1						1			1	

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		(REEEP)																				
Belgium	BELSPO	Belgian Federal Science Policy Office	Ms		Brigitte	Decadt		1		1		1					1				1	
Belgium	EC	European Commission	Ms		Faidra	Diona		1		1		1					1				1	
Belgium	F.R.S.-FNRS	Funds for Scientific Research	Mr		Joël	Groeneveld		1		1		1	1					1			1	
Belgium	IE	KIC Innoenergy SE	Mr		Joan-Marc	JOVAL		1			1				1			1	1		1	1
Belgium	EERA	European Energy Research Alliance	Ms		Valentina	Lisi		1			1	1					1		1	1		
Belgium	FWO	Research Foundation Flanders / Fonds Wetenschappelijk Onderzoek	Mr		Toon	Monbaliu		1		1		1						1	1			
Belgium	Business Finland	Business Finland	Mr		Christopher	Palmberg		1			1		1					1	1			
Belgium	Africa-EU Energy Partnership Secretariat c/o GIZ	Africa-EU Energy Partnership Secretariat c/o GIZ	Ms		Fiona	Wollensack		1			1	1					1				1	
Burkina Faso	FONRID	Fund of research and innovation for development	Ms	Dr.	Kabore	Aminata	1			1		1					1					1
Burkina Faso	2iE	Fondation 2iE Association	Mr	Prof.	Yézouma	Coulibaly	1				1				1			1			1	
Burkina Faso	ISOMET	ISOMET	Mr		Patrice William	Ilboudo	1				1		1					1			1	
Burkina Faso	2iE	Fondation 2iE Association	Ms		Kokouvi Edem	NTSOUKPOE	1				1				1		1					1
Burkina Faso	WASCAL	West African Science Service Centre for Climate	Mr	Dr.	Moumini	Savado			1		1				1			1			1	

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		Change and Adaptive Land Management																				
Burundi		Ministry of Higher Education and Scientific Research	Mr		Theophile	Ndarf	1			1		1						1				1
Cameroon	ENERGYZON	ENERGYZON Energy and environment for Ever	Mr		Eric	Nyante	1				1		1		1			1			1	
Côte d'Ivoire	PASRES	Programme d'Appui Stratégique à la Recherche Scientifique en Côte d'Ivoire	Ms	Dr.	Annette	Ouattara	1			1		1					1		1			
Danmark		Technical University of Denmark (DTU)	Mr		Ivan	Nygaard		1			1				1			1			1	
Denmark	DTU	Technical University of Denmark	Mr		Jens Carsten	Hansen		1			1				1			1		1	1	
Egypt		Ministry of Higher Education and Scientific Research	Mr		Islam	Abou El-Magd	1			1		1						1				1
Egypt	MHESR	Ministry of Higher Education & Scientific Research	Mr	Dr.	Tarek F.	El-Arabi	1			1		1						1			1	
Egypt	MHESR	Ministry of Higher Education & Scientific Research	Ms		Soha	Mohsen	1			1		1					1			1		
Ethiopia	AUC	African Union Commission	Ms		Monika Ebele	Idinoba	1				1						1					1
Ethiopia		Energy Center, Addis Ababa Institute of Technology	Mr		Kassahun Y.	Kebede	1				1				1			1			1	



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							92	114	2	59	142	80	23	7	100	2	64	145	75	46	104	77
Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
Ethiopia	AUC	African Union Commission	Mr		Hambani	Masheleni	1				1							1				1
Europe	EC	European Commission	Ms		Irene	Bonvissuto		1		1		1					1				1	
Europe	EC	Intern DG RTD (EC)	Ms		Omike	Chima		1		1		1					1				1	
Europe	EIB		Mr		David Gonzalez (EIB)	David Gonzalez (EIB)		1		1		1						1		1		
Europe	EERA	European Energy Research Alliance	Ms		Elena	DUFOUR		1			1	1					1		1	1	1	
Europe	EIB	European Investment Bank	Mr		David	Gonzalez Garcia		1		1		1						1	1		1	
Europe	EERA		Mr		Ivan	Matejak		1		1		1						1	1			
Europe	EC	JRC- European Commission - Renewable Energy and Energy Efficiency Unit	Ms	Dr.	Magda	Moner-Girona		1		1		1					1		1			
Europe	EC	DG RTD (EC)	Mr		Philippe Albert Joseph	Schild		1		1		1						1	1	1	1	1
Europe	EERA	European Energy Research Alliance	Ms		Anita	Schneider		1			1	1					1				1	
Europe	EC	European Commission	Ms		Andrea	Tanasa		1		1		1					1				1	
Europe	EC	European Commission Joint Research Centre	Mr		Nigel	Taylor		1			1				1			1			1	
Europe	EC	DG RTD (EC)	Mr		Piotr	Tulej		1		1		1						1			1	
Finland	AKA	Suomen Akatemia	Ms	Dr.	Päivi	Lindfors		1		1		1					1		1	1		
Finland	LUT	Lappeenranta-Lahti University of Technology	Mr		Antti	Pinomaa		1			1				1			1	1	1		1

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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
Finland	JYU/UNIPID	University of Jyväskylä / UniPID	Ms		Melissa	Plath		1			1				1		1		1			1
Finland	AKA	Suomen Akatemia	Mr		Mikko	Ylikangas		1		1		1						1		1		
Finland	Ministry For Foreign Affairs	Ministry For Foreign Affairs	Mr		Henri	Horn		1		1		1						1	1			
France	ANR	Agence nationale de la recherche	Mr		Pascal	Blain		1		1		1						1	1			
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Candice	BOUDET		1			1				1		1		1	1	1	1
France	LGI	LGI Consulting	Ms		Niclette	Bukasa Kampata		1			1		1				1		1	1	1	1
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Amal	Chabli		1			1				1		1				1	
France	AFD	Agence Française de Développement	Ms		Christian	De Gromard		1		1		1					1		1			
France	UL	Université de Lorraine	Mr		Nicolas	Dupuy		1			1				1			1			1	
France		La Rochelle	Ms		Jacquet	Eigisi		1									1		1			
France		ENGIE	Ms		Magali	Gontier		1			1						1				1	
France	Région Hauts-de-France	Région Hauts-de-France	Ms		Philippe	JOSEPHE		1		1		1					1		1	1		
France	UL	Université de Lorraine	Mr		Fabrice	Lemoine		1			1				1			1	1			
France	ADEME	Agence de l'Environement et de la Maîtrise de l'Energie	Mr		Philippe	Masset		1		1		1						1			1	
France	CIRAD	Centre de recherche agronomique pour	Ms		Sylvie	Mouras		1			1	1			1		1				1	

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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
		développement																				
France	MESRI	Ministère de l'Enseignement Supérieur, de la Recherche et de l'Innovation	Mr		Pascal	Newton		1		1		1						1			1	
France	LGI	LGI Consulting	Mr		Martin	Pecanka		1			1		1					1		1	1	1
France		Air Liquide	Mr		Yan	Pennec		1			1		1					1			1	
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Mr		Thierry	PRIEM		1			1				1			1			1	
France	UL	Université de Lorraine	Mr		Ignace	Rasoanarivo		1			1				1			1			1	
France	BRGM	French Geological Survey	Mr		Bernard	Sanjuan		1			1				1			1			1	
France	LGI	LGI Consulting	Ms		Motunrayo	Shafau		1			1		1				1				1	
France	ANR	Agence Nationale de la Recherche	Mr		Olivier Cédric	Spalla		1		1		1						1	1		1	
France	Geo2D	SARL Geo2D (Ressources Géologique pour le Développement Durable)	Mr		Jacques	Varet		1			1		1					1			1	
Germany	FZ Julich	Forschungszentrum Jülich GmbH	Mr	Dr.	Solomon	Agbo		1			1				1			1	1		1	1
Germany		Leibniz Universität Hannover	Mr	Dr.	Boris	Bensmann		1			1				1			1		1		
	Fraunhofer CSP	Fraunhofer Center for Silicon Photovoltaics CSP	Mr		Matthias	Ebert		1			1				1			1	1	1	1	
Germany	KIT	Karlsruhe Institute of Technology	Mr		Mohamed M.	Elkadragy		1			1				1			1			1	

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							92	114	2	59	142	80	23	7	100	2	64	145	75	46	104	77
Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Stefan A.	Haffner		1		1		1						1	1	1	1	
Germany	DLR	DLR-Institute of Networked Energy Systems - DLR-ve	Mr	Dr.	Benedikt	Hanke		1			1		1		1			1	1			1
Germany	DLR	SF-LFS KP - Linienfokussierende Systeme	Mr		Klaus	Hennecke		1			1		1					1	1	1		
Germany		Helmholz Association	Mr		Holger	Ihssen		1			1				1			1			1	
Germany	EFZN	Energy Research Centre of Lower Saxony	Mr		Knut	Kappenberg		1			1		1		1			1			1	1
Germany	UNU-EHS	United Nations University - Institute for Environment and Human Security	Ms		Margaret	Koli	1					1			1		1			1		
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Constanze	Leemhuis		1			1	1						1	1			
Germany	GZB	INTERNATIONAL GEOTHERMAL CENTRE	Ms		Isabella	Nardini		1			1	1					1					1
Germany	DLR-VE	DLR Institute of Networked Energy Systems	Mr		Thomas	Poppinga		1			1		1		1			1			1	
Germany	DLR-Institut für Vernetzte Energiesysteme e.V.	DLR-Institut für Vernetzte Energiesysteme e.V.	Mr		Babak	Ravanbach		1			1		1		1			1	1	1	1	
Germany	GFZ Postdam	German Research Centre for	Ms		Simona	Regenspurg		1			1				1		1				1	

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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
		Geosciences – Postdam																				
Germany		Universität Oldenburg	Mr		Andreas	Solsbach		1										1	1			
Germany	KIT	Karlsruhe Institute of Technology	Ms		Isabelle Johanna	Südmeyer		1			1				1		1				1	
Germany	DLR	FK-AEW ST Alternative Energiewandler	Mr		Peter	Vetter		1			1	1			1			1		1		
Ghana	CSIR-STEPRI	CSIR- Science and Technology Policy Research Institute	Mr		Masahudu	Fuseini	1			1		1						1	1			
Ghana		The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology	Mr		Emmanuel Wendsongre	Ramde	1				1				1			1	1	1	1	
Greece	KINNO	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe	Ms		Eftychia	Bakogianni		1			1				1		1		1		1	
Greece	KINNO	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe	Mr		Ioannis	GERAGOTELLIS		1			1							1				1
Greece	HCL Consultants	HCL Consultants	Mr		Georgios	Kyriakarakos		1			1	1						1			1	
Greece	EU TAF Expert fir SE4ALL	EU TAF Expert fir SE4ALL	Mr		Efstathios	Tselepis		1		1		1						1			1	
Italy	UNIMORE	Università degli Studi di Modena e Reggio Emilia	Mr		Giulio	Allesina		1			1				1			1			1	

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Italy	UNIBO	University Bologna Building Energy	Mr		Alberto	Barbaresi		1			1							1		1		
Italy	UNITO	University of Torino - DISAFA	Mr		Paolo	Barge		1			1				1			1			1	
Italy		University of Bologna	Mr		Stefano	Benni		1			1				1			1				1
Italy	UNIBO	University of Bologna	Mr		Marco	Bovo		1			1				1			1				1
Italy	POLIMI	Politecnico di Milano	Ms		Emanuela	Colombo		1			1	1			1		1			1	1	1
Italy			Mr		Daniele	Daniele Torreggiani		1			1							1		1		
Italy	CIHEAM/IAMB	Centro Internazionale di Alti Studi Agronomici mediterranei – Istituto Agronomico Mediterraneo di Bari	Mr	Dr.	Maroun	El Moujabber		1			1	1						1			1	
Italy	ENEA	Italian National Agency for Energy	Mr		Stefano	Gazziano		1			1	1						1	1			
Italy	UNIBO	University of Bologna DISTAL	Mr		Mansoureh	Gholami		1			1				1			1	1	1		
Italy	POLITECNICO DI TORINO	Politecnico di Torino - Energy Center	Mr		Pierluigi	Leone		1			1	1			1			1	1			
Italy	POLIMI	Politecnico di Milano	Mr		Riccardo	Mereu		1			1	1			1			1	1		1	1
Italy	ACRA	Fondazione ACRA	Mr		Nicola	Morganti		1			1			1				1	1	1		
Italy	FEEM	Fondazione Eni Enrico Mattei	Ms		Floriana	Nappini		1			1		1				1		1	1		
Italy	UNIMORE	Università degli Studi di Modena e Reggio Emilia	Mr		Simone	Pedrazzi		1			1				1			1			1	

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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
Italy	POLIMI	Politecno di Milano	Mr		Nicolo'	Stevanato		1			1	1			1			1			1	
Italy	FEEM	Fondazione Eni Enrico Mattei	Mr	Dr.	Filippo	Tessari		1			1		1					1			1	
Italy	RES4MED	Renewable Energy Solutions for Mediterranean and Africa	Mr		Lucas	Traini		1			1			1				1	1	1	1	
Italy	UNIBO	University of Bologna	Mr		Walter	Zegada-Lizarazu		1			1				1			1			1	
Kenya		Rural Electrification and Renewable Energy Corporation	Mr		Alex	Chesosi	1				1		1					1				1
Kenya	REREC	Rural Electrification and Renewable Energy Company	Mr		Mwendia David	Gitonga	1			1		1	1					1				1
Kenya		Kenya Electricity Generating Company	Ms		Anne	Kiburi	1				1			1			1		1		1	1
Kenya	KENGEN	KENGEN	Mr		Patrick	Kinyua	1				1							1	1	1		
Kenya		GEO THERMAL DEVELOPMENT COMPANY	Ms		Faith	Mwangi	1				1			1			1				1	1
Kenya	MOEST	Ministry of Education Science and Technology	Mr	Dr.	Eric	Mwangi	1			1		1						1				1
Kenya		KENYA POWER	Mr		Charles Mbugua	Ndungu	1				1			1				1	1		1	
Kenya	SU	Strathmore University	Ms		Hope	Njoroge	1				1				1		1		1			
Kenya		Kenya Electricicity Transmission Company	Ms		Grace	Nyaguthii	1				1		1				1					1
Kenya	SU	Strathmore	Mr		Geoffrey	Ronoh	1				1				1			1			1	

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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
		University																				
Kenya	SU	Strathmore University	Ms		Anne Wacera	Wambugu	1				1				1		1		1		1	1
Morocco	ECC	Ecole Centrale Casablanca	Mr		Hervé	Arribart	1				1				1			1			1	
Morocco	UIR	Université Internationale de Rabat	Mr		Abdelaziz	Benjouad	1				1				1			1	1			
Morocco	IRESEN	Research Institute in Solar Energy and New Energies	Mr	Dr.	Rachid	El Mrabet	1				1				1			1			1	1
Morocco	MEN	Ministère de l'Education Nationale, de la Formation Professionnelle, de l'Enseignement Supérieur et de la Recherche Scientifique	Mr		Ahmed	Hammouch	1			1		1						1	1			
Morocco	MAScIR / UM5R	Moroccan Foundation for Advanced Science, Innovation and Research	Mr		Zouheir	Sekkat	1				1					1		1			1	
Mozambique		Eduardo Mondlane University	Mr		Boaventura	Cuamba	1				1				1			1				1
Mozambique	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	Ms		Lucia	Ginger	1				1				1		1		1	1		
Mozambique	UEM	Eduardo Mondlane	Mr		Fernando	Lichucha	1				1				1			1			1	1



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Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
		University																				
Niger	SGG	General Secretariat of Government	Mr		Oumaro Issa Yero	Diallo	1			1		1						1			1	1
Norway	NORCE / EERA JP ESI	NORCE / EERA JP ESI	Mr		Peter	Breuhaus		1			1	1						1			1	
Norway	RCN	The Research Council of Norway Brussels Office	Ms		Tor Ivar	Eikaas		1		1		1					1				1	
Norway	RCN	Research Council of Norway	Mr		Jan Monteverde	Haakonsen		1		1		1						1	1	1		
Portugal	University Lusófona	University Lusófona	Mr		Luis	Alves		1			1				1			1			1	
Portugal	Wavec	Wavec	Ms		Ana	Brito e Melo		1			1	1				1	1				1	
Portugal	FCT	Fundação para a Ciência e a Tecnologia	Ms		Maria João	de Faria Andrade Maia		1		1		1					1		1		1	
Rwanda	AESG	Africa Energy Services Group Ltd.	Ms		Kibibi	Ndope	1				1			1			1				1	1
Sénégal		Ministry of Higher Education	Mr		Malick	Sow	1			1		1						1				1
Sénégal	ANER	Agence Nationale pur les Energies Renouvelable	Mr		Fadel	TRAORE	1			1		1						1	1		1	1
Sénégal	CERER	Centre de Recherche sur les Energies Renouvelables	Mr	Prof.	Issakha	YOUM	1				1				1			1				1
Somalia	MoEM	MINISTRY OF ENERGY AND MINERALS OF SOMALILAND	Mr		Mohamed	Shill	1			1		1						1	1	1		
Somaliland		Ministry of Energy and Minerals Somaliland	Mr		Abdirasak	Jibril	1			1		1						1			1	

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South Africa	UCT	University of Cape Town	Ms		Leslie Ann	Ashburner	1				1				1		1		1	1		1
South Africa		Stellenbosch University	Mr		Bernard	Bekker	1											1		1		1
South Africa		UWC	Mr		Bernard	Bladerqwen	1				1				1			1				1
South Africa	SANEDI	Souh African National Energy Development Institute	Mr		Barry	Bredenkamp	1				1				1			1	1			
South Africa	UCT	University of Cape Town	Ms	Dr.	Jiska	de Groot	1				1				1		1					1
South Africa		Black Business Council & SMME Chamber of Commerce	Mr		Noah Paul Mokgathi-Patangke	Debeila	1				1		1					1				1
South Africa	DST	Department of Science and Technology	Mr		Thabo	Dikgale	1			1		1						1				1
South Africa		Nelson Mandela University	Mr		Gary	Dugmore	1				1				1			1				1
South Africa		University of Pretoria	Ms		Marilize	Everts	1				1				1		1					1
South Africa	DST	Department of Science and Technology	Ms		Phumelele	HIGGINS	1			1		1					1		1			1
South Africa		University of South Africa (Green Energy for Africa Research (GEAR)--UNISA)	Mr	Prof.	Diane	Hildebrandt	1				1				1			1	1	1		
South Africa		Stellenbosch University - Centre for Renewable and Sustainable Energy Studies	Ms		Linda	Joka	1				1				1		1					1

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South Africa		UWC	Mr		Olivier	Kasikala	1				1				1			1				1
South Africa		Unioersity of Stellenbosch	Mr		Matti	Lubkek	1				1				1			1				1
South Africa	NRF	National Research Foundation	Ms		Prudence N.	Makhura	1			1		1					1		1	1		1
South Africa	SANEDI	Souh African National Energy Development Institute	Mr	Dr.	Thembakazi	Mali	1				1				1			1				1
South Africa	DST	Department of Science and Technology	Ms		Refilwe	MASHIGO	1			1		1					1		1		1	
South Africa		University of South Africa	Mr		Tonderayi	Matambo	1				1				1			1				1
South Africa		Stellenbosch University	Mr		Craig	McGregor	1				1	1			1			1				1
South Africa		University of Pretoria	Mr		Josua	Meyer	1				1				1			1				1
South Africa	CSIR		Mr	Dr.	Dominic	Milazi	1				1				1			1			1	
South Africa	NRF	National Research Foundation	Mr		Makuse Lebogang	Mpetele	1			1		1						1	1	1		1
South Africa		University of Venda	Ms		Sophie	Mulandzi	1				1				1		1					1
South Africa		Solzen Energy	Mr		Vusi	Ndala	1				1		1					1				1
South Africa		University of Limpopo			Phuti	Ngoepe	1				1				1							1
South Africa	CSIR				Ntombyumi	Ntui	1				1	1			1							1
South Africa		CPUT	Mr		Vincent	Okudoh	1				1							1				1
South Africa	SANEDI	Souh African National Energy Development Institute	Mr	Dr.	Karen	Surridge	1				1				1			1		1		

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South Africa	Stellenbosch University	Stellenbosch University	Mr		Ulrich	Terblanche	1				1				1			1			1	
South Africa		Baaa Enterprises	Ms		Bontle	Tshole	1										1					1
South Africa		Unioversity of Stellenbosch	Mr		Eugene	van Rensburg	1				1				1			1				1
South Africa		University of Pretoria			XIAHUA	Xia	1				1				1							1
South Africa	DST	Department of Science and Technology	Mr		Somila	Xosa	1			1		1						1			1	
Spain	Cleanergetic	Cleanergetic	Mr		Antonio	Bautista		1			1			1				1			1	
Spain	ITE		Mr		Mario	Sánchez Brox		1			1				1			1		1		
Spain	CIEMAT	Centro de Investigaciones Energéticas Medioambientales y Tecnologicas	Mr		Félix M.	Téllez Sufrategui		1		1		1						1			1	
Sudan	MOTTE				Saeet	Rashid	1											1				1
Sweden	SEA	Swedish Energ Agency	Mr		Renée	Ankarfjard		1		1		1			1			1		1	1	
Sweden	SEA	Swedish Energy Agency	Ms		Lisa	Lundmark		1		1		1			1		1		1		1	
The Netherlands	EERA-JPGE	Utrecht Ubiversity	Mr		Damien	Bonté,		1			1				1			1		1		1
The Netherlands	University of Groningen	University of Groningen	Ms		Maarten	Eisema		1			1				1		1				1	
The Netherlands	NWO	Netherlands Organisation for Scientific Research	Ms		Gerrie	Tuitert		1			1				1		1		1	1	1	
Tunisia	National Engineering School	National Engineering School	Mr		Anis	Allagui	1				1				1			1			1	
Tunisia	MHESRT	Ministry of Higher	Mr	Prof.	Moez	Jebara	1			1		1						1			1	

212 Participants - country-wise							Region			Sector							Gender		Details Event Participation			
							92	114	2	59	142	80	23	7	100	2	64	145	75	46	104	77
Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
		Education and Scientific Research																				
Tunisia	Laboratory Mahdia	Laboratory Mahdia	Mr		Yessine	Rekik	1				1				1			1			1	
Turkey	TUBITAK	The Scientific and Technological Research Center of Turkey	Ms		Nur	Eda Demir		1		1		1					1		1			
Turkey	TUBITAK	The Scientific and Technological Research Center of Turkey	Mr		Cagri	Yildirim		1		1		1			1			1	1			
Uganda	UNCST	Uganda National Council for Science and Technology	Ms		Mylia Sanyu	Rubanzana	1			1		1					1				1	
UK	UK LCEDN	UK Low Carbon Energy for Development Network	Mr		Ed	Brown		1			1				1			1	1	1	1	1
UK	ACU	Association of Commonwealth Universities	Mr		Andrew	Cherry		1			1				1			1		1	1	1
UK	Loughborough University	Loughborough University	Mr		Nick	Clifford		1			1				1			1				1
UK	LCEDN		Mr	Dr.	Jon	Cloke		1			1				1			1	1			
UK	Loughborough University	Loughborough University	Mr		Jon M.P.	Cloke		1			1				1			1	1			
UK		UK Research Office	Mr		Andrew	Macdonell		1			1				1			1			1	
UK	ACU	Association of Commonwealth Universities	Mr		Ben	PRASADAM-HALLS		1			1				1			1			1	
UK		Mega Amps	Mr		Frank	Pretorius		1			1							1				1
United Nations	UNIDO	UNIDO	Ms		Agnese	Ratzenberger			1		1	1					1				1	

212 Participants - country-wise							Region			Sector							Gender		Details Event Participation			
							92	114	2	59	142	80	23	7	100	2	64	145	75	46	104	77
Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname	African	European	International	Funders	Contributor	Public Body	Private Body	Civil Society	Academia	Others	Female	Male	#1 Virtual Round Table	#2 Virtual Round Table	#1 SWS BRX	#2 SWS STB
Zambia		INDUSTRIAL DEVELOPMENT CORPORATION	Mr		Chitalu	Chisanga	1				1	1						1			1	1
Zambia		MINISTRY OF ENERGY	Mr		Isaac	SoKo	1			1		1						1			1	1
			Ms		LAURENT ADEME	CAILLIEREZ											1		1			
	FFG		Ms		FFG	FFG											1		1			
			Ms		Brigitte	Kaufmann											1		1			
			Ms		Xinying	Liu	1				1				1		1		1			
	JPIUrbanEurope		Mr		Johannes	Riegler		1										1	1			
?	?	?	Ms		tm	tm											1			1		

## Annex 2: Glossary

<b>2iE</b>	Fondation 2iE Association, Burkina Faso
<b>ACU</b>	Association of Commonwealth Universities, UK
<b>AESG</b>	Africa Energy Services Group Ltd., Rwanda
<b>AMGA</b>	Annotated Model Grant Agreement
<b>ANER</b>	Agence Nationale pur les Energies Renouvelable, Sénégal
<b>ANME</b>	Agence Tunisienne de la Maitrise de l'Energie; Tunis
<b>AU</b>	African Union
<b>CA</b>	Consortium Agreement
<b>CCSE</b>	Climate Change and Sustainable Energy
<b>CEA</b>	Commissariat à l'énergie atomique et aux énergies alternatives, France
<b>CoI</b>	Confirmation of Interest (of those who sent a letter of support before the GA)
<b>CSA</b>	Coordination and Support Action
<b>CSIR</b>	Council for Scientific and Industrial Research, South Africa
<b>CSP</b>	Concentrated Solar Plant
<b>DEDEAT</b>	Economic Development, Environmental Affairs and Tourism, South Africa
<b>DLR</b>	German Aerospace Center
<b>DLR-PT</b>	German Aerospace Center - Project Management Agency
<b>DoA</b>	Description of Action
<b>DoW</b>	Description of Work
<b>DST</b>	Department of Science and Technology, South Africa
<b>ECCP</b>	Electronic Content Collaboration Platform , PRE-LEAP-RE partners only
<b>EERA</b>	European Energy Research Alliance
<b>EJP</b>	European Joint Programming
<b>EoI</b>	Expression of Interest
<b>EU</b>	European Union
<b>FCT</b>	Fundação para a Ciência e a Tecnologia, Portugal
<b>FNSSA</b>	Food and Nutrition Security and Sustainable Agriculture
<b>GA</b>	Grant Agreement; also AMAGA
<b>GC</b>	Group of Contributors (Ministries, funding agencies, public and private research institutions and actors from the private sector like e.g. entrepreneurs)
<b>HLPD</b>	Hich Level Policy Dialogue
<b>IE</b>	KIC Innoenergy SE, The Netherlands
<b>IPR</b>	Intellectual Property Rights
<b>JYU</b>	Jyväskylä Yliopisto/University of Jyväskylä, Finland
<b>KINNO</b>	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe, Greece
<b>KMCF</b>	Knowledge Management and Communication Framework
<b>LEAP</b>	Long-term Joint EU-AU Research and Innovation Partnership
<b>LEAP4FNSSA</b>	Long-term Joint EU-AU Research and Innovation Partnership For Food and Nutrition Security and Sustainable Agriculture - H2020 CSA
<b>LEAP-Agri</b>	Long-term Joint EU-AU Research and Innovation Partnership on FNSSA (ERA-Net Cofund)
<b>LEAP-RE</b>	Long-term Joint EU-AU Research and Innovation Partnership on Renewable Energy (RIA)
<b>LGI</b>	LGI Consulting, France



<b>MESRS</b>	Ministry of Higher Education and Scientific Research, Algeria
<b>MI</b>	Mission Innovation
<b>NRF</b>	National Research Foundation, South Africa
<b>NWO</b>	Netherlands Organisation for Scientific Research
<b>OA</b>	Open Access
<b>PAUWES</b>	Pan-African University of Water and Energy Services
<b>PIMC</b>	Programme and Innovation Management Cycle
<b>POLIMI</b>	Politecnico di Milano, Italy
<b>PRE-LEAP-</b>	PREparing for a Long-term Joint EU-AU Research and Innovation Partnership on
<b>RE</b>	Renewable Energy (CSA)
<b>RD&amp;D</b>	Research, Development and Demonstration
<b>RE</b>	Renweable Energy
<b>REA</b>	Research Executive Agency under the power delegated by the EC
<b>RES</b>	Renewable Energy Sources
<b>SG</b>	Stakeholder Group
<b>SOM</b>	Senior Official Meeting
<b>SU</b>	Strathmore University, Kenya
<b>TRL</b>	Technology Readiness Index
<b>TRL 1</b>	Technology Readiness Index 1: basic principles observed
<b>TRL 2</b>	Technology Readiness Index 2: technology concept formulated
<b>TRL 3</b>	Technology Readiness Index 3: experimental proof of concept
<b>TRL 4</b>	Technology Readiness Index 4: technology validated in lab
<b>TRL 5</b>	Technology Readiness Index 5: technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
<b>TRL 6</b>	Technology Readiness Index 6: technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
<b>TRL 7</b>	Technology Readiness Index 7: system prototype demonstration in operational environment
<b>TRL 8</b>	Technology Readiness Index 8: system complete and qualified
<b>TRL 9</b>	Technology Readiness Index 9: actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)
<b>WASCAL</b>	West African Science Service Center on Climate Change and Adapted Land Use



## Annex 3: Details about the Round Tables and the Workshops

### A) Round tables:

Round tables discussions aim at co-defining a common strategy for the future envisaged RIA or joint programme. In fact, creating dialogues with stakeholders helps them understanding the possible ways in which they can participate in research and innovation actions, strengthen the capacities of their institutions and how they can benefit from H2020 programme and the AU-EU bilateral partnership.

#### #1 PRE-LEAP-RE Virtual Round Table for Funders (28 May 2019)

The first RT serves for information purposes, it was organized like a webinar in a 3 hours virtual meeting in an Adobe Connect virtual room. The goal was to discuss with potential contributors in LEAP-RE, to have their reflections about the roadmaps and background papers and to prepare the ground for the design and organisation of the #2 PRE-LEAP-RE Strategic Workshop in Stellenbosch, South Africa (24-26 June 2019).

The round table starts with a general introduction on EU-AU Long Term Partnership for JOINT R&I on Renewable Energy, given by **Philippe Schild, DG Research and Innovation, Unit G3, Renewable Energy Sources**. He highlights the main objectives of the partnership centered on three main tasks, the development of a common strategic joint research and innovation program on renewable energy technology, the establishment of its organizational principles and the creation of synergies with existing African-European programs. The coming LEAP-RE programme will be funded 15 million EUR 50% co-funding.

The PRE-LEAP-RE project was then introduced by **the coordinator, Candice Boudet from CEA**. She recalled the main objectives of PRE-LEAP-RE to identify and formulate a Joint Strategic Research and Innovation (R&I) Agenda for RE technology and in a second step to establish the organizational principles for the implementation of a long-term partnership by gathering national funding agencies from EU and AU member states and other key EU-AU actors involved in RE research, innovation, education, and deployment.

She summarises the objective of the meeting which consists by a presentation of the PRE-LEAP-RE activities via the four background papers, to initiate the discussion of potential funders & contributors and other partners of LEAP-RE and to prepare a physical meeting for contributors, from 24 - 25 June 2019 in Stellenbosch, South Africa during the #2 PRE-LEAP-RE Strategic Workshop. These two main introductions were followed by different presentations given by the co-leaders of the workpackages :

1. Multi-Annual Roadmaps & Ecosystem in RE
2. Funding Concept and Stakeholder Involvement
3. Long-Term Perspectives for an Africa-Europe Alliance in RE
4. #2 PRE-LEAP-RE Strategic Workshop
5. Preparation work for contributors before #2 PRE-LEAP-RE Strategic Workshop

As a conclusion, participants were invited to discuss within their institutions the following questions:

- In which role does your institution wish to contribute to LEAP-RE?



- How much in € are you envisaging as your contribution to LEAP-RE?
- Your investment in thematic fields
- Do you want to invest in Pillar II?
- Do you want to add or change something in one of the BPs?

Part of the preparation of #1VRT was the 'Preparation Template for the #1 PRE-LEAP-RE Round Table of Funders and second workshop in South-Africa' (Annex 1). During #1VRT the invitees got for their internal discussions within their institutions a 'Homework' Check List for Contributors (#1VRT) - Funding Institutions | Research Institutions | Private Sector Institutions -'.

**Table 3: ‘Homework’ Check List for Contributors (#1VRT)**

Please consider this checklist for your support to clarify within your institution the willingness for, and some first details about your contribution to the envisaged LEAP-RE process.

Please check within your institution	Checked? <input checked="" type="checkbox"/>	Preliminary Result for your feedback to PRE-LEAP-RE
<b>1</b> Name of the Institution		
Will your institution wish to contribute in LEAP-RE?		
<b>2</b> In which role does your institution wish to contribute to LEAP-RE?		Possibly as Partners of the consortium
As Consortium Partner, Associated Partner (tbd), Long-term Network Partner? Please specify tasks that you see necessary and describe those briefly		
<b>3</b> How much in € are you envisaging as your contribution to LEAP-RE?		PM: PM in EURO: Other contributions in EURO:
Please consider that you can contribute with person month (PM) but we kindly ask you to indicate additionally the rough amount also in EURO. Also the contributions like e.g. the use of infrastructure or services like e.g. organising events, should be described and calculated in EURO.		
<b>4</b> Your investment in thematic fields		
Do you want to invest in open calls for proposals in Pillar I?		No
How much do you want to invest in open calls for proposals in Pillar I?		-
In which roadmap do you want to invest and contribute (mentioning all or only some roadmaps are possible)		
#1		
#2		
#3		
#4		
#5		
#6		
<b>5</b> Do you want to invest in Pillar II?		
Hoch much do you want to invest and contribute in Pillar II?		PM: PM in EURO: Other contributions in EURO:
What do you consider as an activity in Pillar II?		
With which concrete partners do you consider activities in Pillar II?		
In which roadmap do you want to invest (mentioning all or only some roadmaps are possible)		
#1		
#2		
#3		
#4		
#5		
#6		
<b>5</b> Do you want to add or change something in one of the BPs? Please send your feedback to the PRE-LEAP-RE Team: <a href="mailto:contact@leap-re.eu">contact@leap-re.eu</a>		
<b>6</b> Do you know further contributors who have to be addressed? (Address data please)		Institution (Abbreviation + full name): Contact Person: E-Mail Contact Person:

**Table 4: 75 Participants of #1 VRT for Contributors**

Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prenome	Famillyname
African Union	AU-PAUWES	Pan African University Waer and Energy Science	Mr	Dr.	Erick Gankam	Tambo
African Union	AU-PAUWES	Pan African University Waer and Energy Science	Mr	Prof.	Abdellatif	Zerga
Algeria	SONELGAZ	SONELGAZ	Mr		Ahmed	Idda
Algeria	MESRS	Ministry of Higher Education and Scientific Research	Mr		Mokhtar	Sellami
Belgium	IE	KIC Innoenergy SE	Mr		Joan-Marc	JOVAL
Belgium	EERA	European Energy Research Alliance	Ms		Valentina	Lisi
Belgium	FWO	Research Foundation Flanders / Fonds Wetenschappelijk Onderzoek	Mr		Toon	Monbaliu
Belgium	Business Finland	Business Finland	Mr		Christopher	Palmberg
Côte d'Ivoire	PASRES	Programme d'Appui Stratégique à la Recherche Scientifique en Côte d'Ivoire	Ms	Dr.	Annette	Ouattara
Europe	EERA	European Energy Research Alliance	Ms		Elena	DUFOUR
Europe	EIB	European Investment Bank	Mr		David	Gonzalez Garcia
Europe	EERA		Mr		Ivan	Matejak
Europe	EC	JRC- European Commission - Renewable Energy and Energy Efficiency Unit	Ms	Dr.	Magda	Moner-Girona
Europe	EC	DG RTD (EC)	Mr		Philippe Albert Joseph	Schild
Finland	AKA	Suomen Akatemia	Ms	Dr.	Päivi	Lindfors
Finland	LUT	Lappeenranta-Lahti University of Technology	Mr		Antti	Pinomaa
Finland	JYU/UNIPID	University of Jyväskylä / UniPID	Ms		Melissa	Plath
Finland	Ministry For Foreign Affairs	Ministry For Foreign Affairs	Mr		Henri	Horn
France	ANR	Agence nationale de la recherche	Mr		Pascal	Blain
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Candice	BOUDET
France	LGI	LGI Consulting	Ms		Niclette	Bukasa Kampata
France	AFD	Agence Française de Développement	Ms		Christian	De Gromard
France		La Rochelle	Ms		Jacquet	Eigisi
France	Région Hauts-de-France	Région Hauts-de-France	Ms		Philippe	JOSEPHE
France	UL	Université de Lorraine	Mr		Fabrice	Lemoine
France	ANR	Agence Nationale de la Recherche	Mr		Olivier Cédric	Spalla
Germany	FZ Julich	Forschungszentrum Jülich GmbH	Mr	Dr.	Solomon	Agbo
Germany	Fraunhofer CSP	Fraunhofer Center for Silicon Photovoltaics CSP	Mr		Matthias	Ebert
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Stefan A.	Haffner
Germany	DLR	DLR-Institute of Networked Energy Systems - DLR-ve	Mr	Dr.	Benedikt	Hanke
Germany	DLR	SF-LFS KP - Linienfokussierende Systeme	Mr		Klaus	Hennecke
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Constanze	Leemhuis
Germany	DLR-Institut für Vernetzte Energiesysteme e.V.	DLR-Institut für Vernetzte Energiesysteme e.V.	Mr		Babak	Ravanbach
Germany		Universität Oldenburg	Mr		Andreas	Solsbach
Ghana	CSIR-STEPRI	CSIR- Science and Technology Policy Research Institute	Mr		Masahudu	Fuseini



Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prenome	Famillyname
Ghana		The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology	Mr		Emmanuel Wendsongre	Ramde
Greece	KINNO	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe	Ms		Eftychia	Bakogianni
Italy	ENEA	Italian National Agency for Energy	Mr		Stefano	Gazziano
Italy	UNIBO	University of Bologna DISTAL	Mr		Mansoureh	Gholami
Italy	POLITECNICO DI TORINO	Politecnico di Torino - Energy Center	Mr		Pierluigi	Leone
Italy	POLIMI	Politecnico di Milano	Mr		Riccardo	Mereu
Italy	ACRA	Fondazione ACRA	Mr		Nicola	Morganti
Italy	FEEM	Fondazione Eni Enrico Mattei	Ms		Floriana	Nappini
Italy	RES4MED	Renewable Energy Solutions for Mediterranean and Africa	Mr		Lucas	Traini
Kenya		Kenya Electricity Generating Company	Ms		Anne	Kiburi
Kenya	KENGEN	KENGEN	Mr		Patrick	Kinyua
Kenya		KENYA POWER	Mr		Charles Mbugua	Ndungu
Kenya	SU	Strathmore University	Ms		Hope	Njoroge
Kenya	SU	Strathmore University	Ms		Anne Wacera	Wambugu
Morocco	UIR	Université Internationale de Rabat	Mr		Abdelaziz	Benjouad
Morocco	MEN	Ministère de l'Education Nationale, de la Formation Professionnelle, de l'Enseignement Supérieur et de la Recherche Scientifique	Mr		Ahmed	Hammouch
Mozambique	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	Ms		Lucia	Ginger
Norway	RCN	Research Council of Norway	Mr		Jan Monteverde	Haakonsen
Portugal	FCT	Fundação para a Ciência e a Tecnologia	Ms		Maria João	de Faria Andrade Maia
Sénégal	ANER	Agence Nationale pur les Energies Renouvelable	Mr		Fadel	TRAORE
Somalia	MoEM	MINISTRY OF ENERGY AND MINERALS OF SOMALILAND	Mr		Mohamed	Shill
South Africa	UCT	University of Cape Town	Ms		Leslie Ann	Ashburner
South Africa	SANEDI	Souh African National Energy Development Institute	Mr		Barry	Bredenkamp
South Africa	DST	Department of Science and Technology	Ms		Phumelele	HIGGINS
South Africa		University of South Africa (Green Energy for Africa Research (GEAR)--UNISA)	Mr	Prof.	Diane	Hildebrandt
South Africa	NRF	National Research Foundation	Ms		Prudence N.	Makhura
South Africa	DST	Department of Science and Technology	Ms		Refilwe	MASHIGO
South Africa	NRF	National Research Foundation	Mr		Makuse Lebogang	Mpetele
Sweden	SEA	Swedish Energy Agency	Ms		Lisa	Lundmark
The Netherlands	NWO	Netherlands Organisation for Scientific Research	Ms		Gerrie	Tuitert
Turkey	TUBITAK	The Scientific and Technological Research Center of Turkey	Ms		Nur	Eda Demir
Turkey	TUBITAK	The Scientific and Technological Research Center of Turkey	Mr		Cagri	Yildirim
UK	UK LCEDN	UK Low Carbon Energy for Development Network	Mr		Ed	Brown
UK	LCEDN		Mr	Dr.	Jon	Cloke
UK	Loughborough University	Loughborough University	Mr		Jon M.P.	Cloke

Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prenome	Familyname
			Ms		LAURENT ADEME	CAILLIEREZ
	FFG		Ms		FFG	FFG
			Ms		Brigitte	Kaufmann
			Ms		Xinying	Liu
	JPIUrbanEurope		Mr		Johannes	Riegler

## #2 PRE-LEAP-RE Virtual Round Table for Contributors' Discussion (11 June 2019)

The aim of the #2VRT is to open discussions with potential contributors in LEAP-RE and to have their reactions about #1RTC, the Background papers and the design of the #2 PRE-LEAP-RE Strategic Workshop in Stellenbosch, South Africa planned for 24-26 June 2019, as well as the long-term approach towards the collaboration of the AU and the EU in RE.

The basis for these dialogues have been the four background papers (BP) that have been developed in PRE-LEAP-RE in WP1+2 as documents in progress to be developed together with interested stakeholders:

#1BP Roadmaps & Ecosystems |

#2BP Funding & Private Sector |

#3BP Long-Term Perspective |

#4BP Individual Funding & Contribution Regulations.

The #2VRT was facilitated by Mr Stefan A. Haffner – DLR-PT, Germany, who introduced the programme, followed by a general presentation of PRE-LEAP-RE, given by Candice (CEA) coordinator of the project.

The participants represent a diverse cross-sampling of renewable energy stakeholders, they took over points of great interest for the future of the project, mainly roadmaps and funding principles.

General remarks on staff cost, direct eligible cost in H2020, EC's Top-Up, roadmaps and programs content were noted. Various proposals for short and medium terms solutions and opportunities for partnership and technology transfer on renewable energies have been issued. The debate was of great interest on the conduct of LEAP-RE, with the prospect of deepening the discussions during the second workshop. In what follows, we essentially retrace the few clarifications given by Philippe Schild (programme officer, DG-RTD) to complete or avoid some ambiguities on the LEAP-RE project.

- In term of AU-EU cooperation in sustainable energy, PRE-LEAP-RE and LEAP-RE is a first step and other initiatives are planned later for continuous process, it is not « the end of life but the start of the life » in the RE partnership.

- LEAP-RE is a scientific research programme on RE technology for Africa, it will be conducted on Africa needs and not to import ready solutions from industrial partners

- The AU-EU covers all African and European country and is not limited to Sub-Saharan countries



After #2VRT an 'ADVANCED 'Homework' Check List for Contributors (#2VRT) - Funding Institutions | Research Institutions | Private Sector Institutions -' has been shared.

### Table 5: Advanced 'Homework' Check List for Contributors (#2VRT)

Please consider this checklist for your personal support to clarify within your institution the willingness for, and to collect some first details about your contribution to the envisaged LEAP-RE project that you might want to share during the coming #2 Strategic Workshop in Stellenbosch | 24-26 June 2019.

Please check within your institution		Checked?	Preliminary Result for your feedback to PRE-LEAP-RE
1	Will your institution contribute in LEAP-RE?		
2	In which role does your institution wish to contribute to LEAP-RE?		
As Consortium Partner, Associated Partner (tbd), Long-term Network Partner? Please specify tasks that you see necessary and describe those briefly			
3	Calculations   How much in € are you envisaging as your contribution to LEAP-RE in detail?		
<b>Pillar I</b>			
	Cash [€]		Comments
	PM (Person Month)		
	Cost 1 PM [€]		
	Total PM [€]		
	Other Contributions [€]		
Total contribution in Pillar I [€]			
<b>Pillar II</b>			
	Cash [€]		Comments
	PM (Person Month)		
	Cost 1 PM [€]		
	Total PM [€]		
	Other Contributions [€]		
Total contribution in Pillar II [€]			
4	Your investment in thematic fields		
	Do you want to invest in open calls for proposals in Pillar I?		
	How much do you want to invest in open calls for proposals in Pillar I?		
	In which roadmap do you want to invest (mentioning all or only some roadmaps are possible)		
	#1		
	#2		
	#3		
	#4		
	#5		
	#6		
5	Do you want to add or change something in one of the BPs? Please send your feedback to the PRE-LEAP-RE Team: <a href="mailto:contact@leap-re.eu">contact@leap-re.eu</a>		
6	Do you know further potential contributors who have to be addressed? (Address data please)		

**Table 6: 46 Participants of #2 VRT for Contributors' Discussion**

Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prenome	Familyname
Algeria	CDER	Centre de Développement des Energies Renouvelables	Mr	Prof.	Noureddinne	Yassaa
Belgium	EERA	European Energy Research Alliance	Ms		Valentina	Lisi
Denmark	DTU	Technical University of Denmark	Mr		Jens Carsten	Hansen
Egypt	MHESR	Ministry of Higher Education & Scientific Research	Ms		Soha	Mohsen
Europe	EIB		Mr		David Gonzalez (EIB)	David Gonzalez (EIB)
Europe	EERA	European Energy Research Alliance	Ms		Elena	DUFOR
Europe	EC	DG RTD (EC)	Mr		Philippe Albert Joseph	Schild
Finland	AKA	Suomen Akatemia	Ms	Dr.	Päivi	Lindfors
Finland	LUT	Lappeenranta-Lahti University of Technology	Mr		Antti	Pinomaa
Finland	AKA	Suomen Akatemia	Mr		Mikko	Ylikangas
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Candice	BOUDET
France	LGI	LGI Consulting	Ms		Niclette	Bukasa Kampata
France	Région Hauts-de-France	Région Hauts-de-France	Ms		Philippe	JOSEPHE
France	LGI	LGI Consulting	Mr		Martin	Pecanka
Germany		Leibniz Universität Hannover	Mr	Dr.	Boris	Bensmann
Germany	Fraunhofer CSP	Fraunhofer Center for Silicon Photovoltaics CSP	Mr		Matthias	Ebert
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Stefan A.	Haffner
Germany	DLR	SF-LFS KP - Linienfokussierende Systeme	Mr		Klaus	Hennecke
Germany	UNU-EHS	United Nations University - Institute for Environment and Human Security	Ms		Margaret	Koli
Germany	DLR-Institut für Vernetzte Energiesysteme e.V.	DLR-Institut für Vernetzte Energiesysteme e.V.	Mr		Babak	Ravanbach
Germany	DLR	FK-AEW ST Alternative Energiewandler	Mr		Peter	Vetter
Ghana		The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology	Mr		Emmanuel Wendsongre	Ramde
Italy	UNIBO	University Bologna Building Energy	Mr		Alberto	Barbaresi
Italy	POLIMI	Politecnico di Milano	Ms		Emanuela	Colombo
Italy			Mr		Daniele	Daniele Torreggiani
Italy	UNIBO	University of Bologna DISTAL	Mr		Mansourah	Gholami
Italy	ACRA	Fondazione ACRA	Mr		Nicola	Morganti
Italy	FEEM	Fondazione Eni Enrico Mattei	Ms		Floriana	Nappini
Italy	RES4MED	Renewable Energy Solutions for Mediterranean and Africa	Mr		Lucas	Traini
Kenya	KENGEN	KENGEN	Mr		Patrick	Kinyua
Mozambique	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	University of St. Thomas of Mozambique, Faculty of Science and Information Technology	Ms		Lucia	Ginger
Norway	RCN	Research Council of Norway	Mr		Jan Monteverde	Haakonsen
Somalia	MoEM	MINISTRY OF ENERGY AND MINERALS OF SOMALILAND	Mr		Mohamed	Shill



Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname
South Africa	UCT	University of Cape Town	Ms		Leslie Ann	Ashburner
South Africa		Stellenbosch University	Mr		Bernard	Bekker
South Africa		University of South Africa (Green Energy for Africa Research (GEAR)--UNISA)	Mr	Prof.	Diane	Hildebrandt
South Africa	NRF	National Research Foundation	Ms		Prudence N.	Makhura
South Africa	NRF	National Research Foundation	Mr		Makuse Lebogang	Mpetele
South Africa	SANEDI	Souh African National Energy Development Institute	Mr	Dr.	Karen	Surridge
Spain	ITE		Mr		Mario	Sánchez Brox
Sweden	SEA	Swedish Energy Agency	Mr		Renée	Ankarfjard
The Netherlands	EERA-JPGE	Utrecht University	Mr		Damien	Bonté,
The Netherlands	NWO	Netherlands Organisation for Scientific Research	Ms		Gerrie	Tuitert
UK	UK LCEDN	UK Low Carbon Energy for Development Network	Mr		Ed	Brown
UK	ACU	Association of Commonwealth Universities	Mr		Andrew	Cherry
?	?	?	Ms		tm	tm

## B) Workshops

Workshops intend to reach a broad range of stakeholders, they aim to inform on the existence of the future joint programme and generate discussion among relevant stakeholders.

### #1 PRE-LEAP-RE Strategic Workshop (4-6 December 2018, Brussels)

The first workshop (#WS1) gathered stakeholders, mainly from the field of research, who expressed their interest to participate in the LEAP-RE process and contribute to its definition. It served to consolidate the network-building objectives of the project as well-as collecting stakeholder feedback on the agenda and pathways, as well as concerning the funding concept related aspect. Other aspects discussed were the long-term management structures, the monitoring and evaluation framework, and the human and institutional capacity building activities. All three aspects are still under development, and stakeholders will be informed of further progress.

Based on the successful outcome of the first Workshop, the project achieved its first validation of six R&I and HICB roadmaps.

**Table 7: 104 Participants of #1 SWS in Brussels**

Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prename	Familyname
Algeria	CDER	Centre de Développement des Energies Renouvelables	Mr	Dr.	El Amin	Kouadri Boudjelthia
Algeria	MESRS	Ministry of Higher Education and Scientific Research	Mr		Mokhtar	Sellami
Austria	REEEP	Renewable Energy and Energy Efficiency Partnership (REEEP)	Mr		Martin	Hiller
Belgium	BELSPo	Belgian Federal Science Policy Office	Ms		Brigitte	Decadt
Belgium	EC	European Commission	Ms		Faidra	Diona
Belgium	F.R.S.-FNRS	Funds for Scientific Research	Mr		Joël	Groeneveld
Belgium	IE	KIC Innoenergy SE	Mr		Joan-Marc	JOVAL
Belgium	Africa-EU Energy Partnership Secretariat	Africa-EU Energy Partnership Secretariat c/o GIZ	Ms		Fiona	Wollensack



	c/o GIZ					
Burkina Faso	2iE	Fondation 2iE Association	Mr	Prof.	Yézouma	Coulibaly
Burkina Faso	ISOMET	ISOMET	Mr		Patrice William	Ilboudo
Burkina Faso	WASCAL	West African Science Service Centre for Climate Change and Adaptive Land Management	Mr	Dr.	Moumini	Savadogo
Cameroon	ENERGYZON	ENERGYZON Energy and environment for Ever	Mr		Eric	Nyante
Danmark		Technical University of Denmark (DTU)	Mr		Ivan	Nygaard
Denmark	DTU	Technical University of Denmark	Mr		Jens Carsten	Hansen
Egypt	MHESR	Ministry of Higher Education & Scientific Research	Mr	Dr.	Tarek F.	El-Arabi
Ethiopia		Energy Center, Addis Ababa Institute of Technology	Mr		Kassahun Y.	Kebede
Europe	EC	European Commission	Ms		Irene	Bonvissuto
Europe	EC	Intern DG RTD (EC)	Ms		Omiike	Chima
Europe	EERA	European Energy Research Alliance	Ms		Elena	DUFOUR
Europe	EIB	European Investment Bank	Mr		David	Gonzalez Garcia
Europe	EC	DG RTD (EC)	Mr		Philippe Albert Joseph	Schild
Europe	EERA	European Energy Research Alliance	Ms		Anita	Schneider
Europe	EC	European Commission	Ms		Andrea	Tanasa
Europe	EC	European Commission Joint Research Centre	Mr		Nigel	Taylor
Europe	EC	DG RTD (EC)	Mr		Piotr	Tulej
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Candice	BOUDET
France	LGI	LGI Consulting	Ms		Niclette	Bukasa Kampata
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms		Amal	Chabli
France	UL	Université de Lorraine	Mr		Nicolas	Dupuy
France		ENGIE	Ms		Magali	Gontier
France	ADEME	Agence de l'Environnement et de la Maîtrise de l'Energie	Mr		Philippe	Masset
France	CIRAD	Centre de recherche agronomique pour développement	Ms		Sylvie	Mouras
France	MESRI	Ministère de l'Enseignement Supérieur, de la Recherche et de l'Innovation	Mr		Pascal	Newton
France	LGI	LGI Consulting	Mr		Martin	Pecanka
France		Air Liquide	Mr		Yan	Pennec
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Mr		Thierry	PRIEM
France	UL	Université de Lorraine	Mr		Ignace	Rasoanarivo
France	BRGM	French Geological Survey	Mr		Bernard	Sanjuan
France	LGI	LGI Consulting	Ms		Motunrayo	Shafau
France	ANR	Agence Nationale de la Recherche	Mr		Olivier Cédric	Spalla
France	Geo2D	SARL Geo2D (Ressources Géologique pour le Développement Durable)	Mr		Jacques	Varet
Germany	FZ Julich	Forschungszentrum Jülich GmbH	Mr	Dr.	Solomon	Agbo
Germany	Fraunhofer CSP	Fraunhofer Center for Silicon Photovoltaics CSP	Mr		Matthias	Ebert
Germany	KIT	Karlsruhe Institute of Technology	Mr		Mohamed M.	Elkadragy
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr		Stefan A.	Haffner



Germany		Helmholz Association	Mr		Holger	Ihssen
Germany	EFZN	Energy Research Centre of Lower Saxony	Mr		Knut	Kappenberg
Germany	DLR-VE	DLR Institute of Networked Energy Systems	Mr		Thomas	Poppinga
Germany	DLR-Institut für Vernetzte Energiesysteme e.V.	DLR-Institut für Vernetzte Energiesysteme e.V.	Mr		Babak	Ravanbach
Germany	GFZ Postdam	German Research Centre for Geosciences – Postdam	Ms		Simona	Regenspurg
Germany	KIT	Karlsruhe Institute of Technology	Ms		Isabelle Johanna	Südmeyer
Ghana		The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology	Mr		Emmanuel Wendsongre	Ramde
Greece	KINNO	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe	Ms		Eftychia	Bakogianni
Greece	HCL Consultants	HCL Consultants	Mr		Georgios	Kyriakarakos
Greece	EU TAF Expert fir SE4ALL	EU TAF Expert fir SE4ALL	Mr		Efstathios	Tselepis
Italy	UNIMORE	Università degli Studi di Modena e Reggio Emilia	Mr		Giulio	Allesina
Italy	UNITO	University of Torino - DISAFA	Mr		Paolo	Barge
Italy	POLIMI	Politecnico di Milano	Ms		Emanuela	Colombo
Italy	CIHEAM/IAMB	Centro Internazionale di Alti Studi Agronomici mediterranei – Istituto Agronomico Mediterraneo di Bari	Mr	Dr.	Maroun	El Moujabber
Italy	POLIMI	Politecnico di Milano	Mr		Riccardo	Mereu
Italy	UNIMORE	Università degli Studi di Modena e Reggio Emilia	Mr		Simone	Pedrazzi
Italy	POLIMI	Politecnico di Milano	Mr		Nicolo'	Stevanato
Italy	FEEM	Fondazione Eni Enrico Mattei	Mr	Dr.	Filippo	Tessari
Italy	RES4MED	Renewable Energy Solutions for Mediterranean and Africa	Mr		Lucas	Traini
Italy	UNIBO	University of Bologna	Mr		Walter	Zegada-Lizarazu
Kenya		Kenya Electricity Generating Company	Ms		Anne	Kiburi
Kenya		GEOTHERMAL DEVELOPMENT COMPANY	Ms		Faith	Mwangi
Kenya		KENYA POWER	Mr		Charles Mbugua	Ndungu
Kenya	SU	Strathmore University	Mr		Geoffrey	Ronoh
Kenya	SU	Strathmore University	Ms		Anne Wacera	Wambugu
Morocco	ECC	Ecole Centrale Casablanca	Mr		Hervé	Arribart
Morocco	IRESEN	Research Institute in Solar Energy and New Energies	Mr	Dr.	Rachid	El Mrabet
Morocco	MAScIR / UM5R	Moroccan Foundation for Advanced Science, Innovation and Research	Mr		Zouheir	Sekkat
Mozambique	UEM	Eduardo Mondlane University	Mr		Fernando	Lichucha
Niger	SGG	General Secretariat of Government	Mr		Oumaro Issa Yero	Diallo
Norway	NORCE / EERA JP ESI	NORCE / EERA JP ESI	Mr		Peter	Breuhaus
Norway	RCN	The Research Council of Norway Brussels Office	Ms		Tor Ivar	Eikaas
Portugal	University Lusófona	University Lusófona	Mr		Luis	Alves
Portugal	Wavec	Wavec	Ms		Ana	Brito e Melo
Portugal	FCT	Fundação para a Ciência e a Tecnologia	Ms		Maria João	de Faria Andrade Maia
Rwanda	AESG	Africa Energy Services Group Ltd.	Ms		Kibibi	Ndope
Sénégal	ANER	Agence Nationale pur les Energies Renouvelable	Mr		Fadel	TRAORE



Somaliland		Ministry of Energy and Minerals Somaliland	Mr		Abdirasak	Jibril
South Africa	DST	Department of Science and Technology	Ms		Refilwe	MASHIGO
South Africa	CSIR		Mr	Dr.	Dominic	Milazi
South Africa	Stellenbosch University	Stellenbosch University	Mr		Ulrich	Terblanche
South Africa	DST	Department of Science and Technology	Mr		Somila	Xosa
Spain	Cleanergetic	Cleanergetic	Mr		Antonio	Bautista
Spain	CIEMAT	Centro de Investigaciones Energéticas Medioambientales y Tecnológicas	Mr		Félix M.	Téllez Sufrategui
Sweden	SEA	Swedish Energy Agency	Mr		Renée	Ankarfjard
Sweden	SEA	Swedish Energy Agency	Ms		Lisa	Lundmark
The Netherlands	University of Groningen	University of Groningen	Ms		Maarten	Eisema
The Netherlands	NWO	Netherlands Organisation for Scientific Research	Ms		Gerrie	Tuiter
Tunisia	National Engineering School	National Engineering School	Mr		Anis	Allagui
Tunisia	MHESRT	Ministry of Higher Education and Scientific Research	Mr	Prof.	Moez	Jebara
Tunisia	Laboratory Mahdia	Laboratory Mahdia	Mr		Yessine	Rekik
Uganda	UNCST	Uganda National Council for Science and Technology	Ms		Myliya Sanyu	Rubanzana
UK	UK LCEDN	UK Low Carbon Energy for Development Network	Mr		Ed	Brown
UK	ACU	Association of Commonwealth Universities	Mr		Andrew	Cherry
UK		UK Research Office	Mr		Andrew	Macdonell
UK	ACU	Association of Commonwealth Universities	Mr		Ben	PRASADAM-HALLS
United Nations	UNIDO	UNIDO	Ms		Agnese	Ratzenberger
Zambia		INDUSTRIAL DEVELOPMENT CORPORATION	Mr		Chitalu	Chisanga
Zambia		MINISTRY OF ENERGY	Mr		Isaac	SoKo

## #2 PRE-LEAP-RE Strategic Workshop (24-26 June 2019, Stellenbosch)

The second workshop (#WS2) has noted a large participation of policy makers, business, civil society and academia selected on the bases of their commitment for the accelerated uptake of renewable energies in Africa. The participation of the African bureau members of the High Level Policy Dialogue (HLPD) to the workshop demonstrate the full engagement of the AUC to be involved in all the process of the CCSE and in RE in particular. The AU representative (Mr Masheleni, DHRST, AUC) widely agreed that Research and innovation partnership require coordination and strong funding mechanism. He insisted on the need to optimize synergies across the RE value chains and to mobilize other Africans to play a critical role in driving the RE agenda forward given its potential to catalyze development in Africa and uplift Africans.

The three days of intensive work, communications, meetings and internal discussions helped to clarify the PRE-LEAP-RE project and the LEAP-RE process. Work-packages leaders made presentations on ecosystem analysis, R&I partnership, Innovation & Human and Capacity Building Roadmaps, and explained funding concepts with exercises simulating budgets and in kind contributions. Participants debate the constraints and opportunities of RE systems, how the six roadmaps could be launched given that it will be difficult to address everything at the same time? How projects will be selected under pillar two? The funding management including the different options (virtual, common pot) and the mobilization of private sector for contribution has raised many questions. For African participants, the LEAP-RE project has to benefit from the overall EU AU

political cooperation that's why the definition of future joint partnership, the work packages, pillars, coordination and management are essential. .

During the third day the PRE-LEAP-RE consortium organised a closing meeting for allocating responsibilities on multi-annual roadmaps and the way forward on LEAP-RE. Discussions focused on the dual coordination of LEAP-RE known that legally the EU commission will recognize only one coordinator. For pillar two activities there is need for secretariat to coordinate all the call that goes out on pillar two. More details covering these aspects will be shared through the website and there will be a number of partners that will be working on the 5 work packages. PRE-LEAP-RE members agree on holding a last meeting in Kenya dedicated to a writing process of LEAP-RE and PRE-LEAP-RE project closure. South Africa (DST) has indicated their interest in being the Africa coordinator for LEAP-RE. After discussion with the EC, it was agreed for an extension of PRE-LEAP-RE to October 2019 to have more time to finalise deliverables and to prepare the LEAP-RE process.

**Table 8: 77 Participants of #2 SWS in Stellenbosch**

Country/Region	Abbrev. Organisation	Organisation	Ms Mr	Title	Prenome	Familyname
African Union	AUC	African Union Commission	Ms	0	Rahel	Mesfin
African Union	AUC	African Union Commission	Mr	0	Mahaman Bachir	Saley
African Union	AU-PAUWES	Pan African University Waer and Energy Science	Mr	Dr.	Erick Gankam	Tambo
Algeria	PAU	Pan Africa University (PAUWES) - Algeria	Mr	0	Dominique Savio	Barahira
Algeria	MESRS	Ministry of Higher Education and Scientific Research	Mr	0	Mokhtar	Sellami
Belgium	IE	KIC Innoenergy SE	Mr	0	Joan-Marc	JOVAL
Burkina Faso	FONRID	Fund of research and innovation for development	Ms	Dr.	Kabore	Aminata
Burkina Faso	2iE	Fondation 2iE Association	Ms	0	Kokouvi Edem	NTSOUKPOE
Burundi	0	Ministry of Higher Education and Scientific Research	Mr	0	Theophile	Ndarf
Egypt	0	Ministry of Higher Education and Scientific Research	Mr	0	Islam	Abou El-Magd
Ethiopia	AUC	African Union Commission	Ms	0	Monika Ebele	Idinoba
Ethiopia	AUC	African Union Commission	Mr	0	Hambani	Masheleni
Europe	EC	DG RTD (EC)	Mr	0	Philippe Albert Joseph	Schild
Finland	LUT	Lappeenranta-Lahti University of Technology	Mr	0	Antti	Pinomaa
Finland	JYU/UNIPID	University of Jyväskylä / UniPID	Ms	0	Melissa	Plath
France	CEA	Commissariat à l'énergie atomique et aux énergies alternatives	Ms	0	Candice	BOUDET
France	LGI	LGI Consulting	Ms	0	Niclette	Bukasa Kampata
France	LGI	LGI Consulting	Mr	0	Martin	Pecanka
Germany	FZ Jülich	Forschungszentrum Jülich GmbH	Mr	Dr.	Solomon	Agbo
Germany	DLR-PT	German Aerospace Center - Project Management Agency	Mr	0	Stefan A.	Haffner
Germany	DLR	DLR-Institute of Networked Energy Systems - DLR-ve	Mr	Dr.	Benedikt	Hanke
Germany	EFZN	Energy Research Centre of Lower Saxony	Mr	0	Knut	Kappenberg
Germany	GZB	INTERNATIONAL GEOTHERMAL CENTRE	Ms	0	Isabella	Nardini
Greece	KINNO	Knowledge & Innovation Consultanta Symvouleftiki Monoprosopi Epe	Mr	0	Ioannis	GERAGOTELLIS
Italy	0	University of Bologna	Mr	0	Stefano	Benni



Italy	UNIBO	University of Bologna	Mr	0	Marco	Bovo
Italy	POLIMI	Politecnico di Milano	Ms	0	Emanuela	Colombo
Italy	POLIMI	Politecnico di Milano	Mr	0	Riccardo	Mereu
Kenya	0	Rural Electrification and Renewable Energy Corporation	Mr	0	Alex	Chesosi
Kenya	REREC	Rural Electrification and Renewable Energy Company	Mr	0	Mwendia David	Gitonga
Kenya	0	Kenya Electricity Generating Company	Ms	0	Anne	Kiburi
Kenya	0	GEO THERMAL DEVELOPMENT COMPANY	Ms	0	Faith	Mwangi
Kenya	MOEST	Ministry of Education Science and Technology	Mr	Dr.	Eric	Mwangi
Kenya	0	Kenya Electricity Transmission Company	Ms	0	Grace	Nyaguthii
Kenya	SU	Strathmore University	Ms	0	Anne Wacera	Wambugu
Morocco	IRESEN	Research Institute in Solar Energy and New Energies	Mr	Dr.	Rachid	El Mrabet
Mozambique	0	Eduardo Mondlane University	Mr	0	Boaventura	Cuamba
Mozambique	UEM	Eduardo Mondlane University	Mr	0	Fernando	Lichucha
Niger	SGG	General Secretariat of Government	Mr	0	Oumaro Issa Yero	Diallo
Rwanda	AESG	Africa Energy Services Group Ltd.	Ms	0	Kibibi	Ndope
Sénégal	0	Ministry of Higher Education	Mr	0	Malick	Sow
Sénégal	ANER	Agence Nationale pur les Energies Renouvelable	Mr	0	Fadel	TRAORE
Sénégal	CERER	Centre de Recherche sur les Energies Renouvelables	Mr	Prof.	Issakha	YOUM
South Africa	UCT	University of Cape Town	Ms	0	Leslie Ann	Ashburner
South Africa	0	Stellenbosch University	Mr	0	Bernard	Bekker
South Africa	0	UWC	Mr	0	Bernard	Bladerqwen
South Africa	UCT	University of Cape Town	Ms	Dr.	Jiska	de Groot
South Africa	0	Black Business Council & SMME Chamber of Commerce	Mr	0	Noah Paul Mokgathi-Patangke	Debeila
South Africa	DST	Department of Science and Technology	Mr	0	Thabo	Dikgale
South Africa	0	Nelson Mandela University	Mr	0	Gary	Dugmore
South Africa	0	University of Pretoria	Ms	0	Marilize	Everts
South Africa	DST	Department of Science and Technology	Ms	0	Phumelele	HIGGINS
South Africa	0	Stellenbosch University - Centre for Renewable and Sustainable Energy Studies	Ms	0	Linda	Joka
South Africa	0	UWC	Mr	0	Olivier	Kasikala
South Africa	0	Unioversity of Stellenbosch	Mr	0	Matti	Lubkek
South Africa	NRF	National Research Foundation	Ms	0	Prudence N.	Makhura
South Africa	SANEDI	Souh African National Energy Development Institute	Mr	Dr.	Thembakazi	Mali
South Africa	0	University of South Africa	Mr	0	Tonderayi	Matambo
South Africa	0	Stellenbosch University	Mr	0	Craig	McGregor
South Africa	0	University of Pretoria	Mr	0	Josua	Meyer
South Africa	NRF	National Research Foundation	Mr	0	Makuse Lebogang	Mpetele
South Africa	0	University of Venda	Ms	0	Sophie	Mulandzi
South Africa	0	Solzen Energy	Mr	0	Vusi	Ndala
South Africa	0	University of Limpopo	0	0	Phuti	Ngoepe



South Africa	CSIR	0	0	0	Ntombyumi	Ntui
South Africa	0	CPUT	Mr	0	Vincent	Okudoh
South Africa	0	Baaa Enterprises	Ms	0	Bontle	Tshole
South Africa	0	Unioversity of Stellenbosch	Mr	0	Eugene	van Rensburg
South Africa	0	University of Pretoria	0	0	XIAHUA	Xia
Sudan	MOTTE	0	0	0	Saeet	Rashid
The Netherlands	EERA-JPGE	Utrecht Ubiversity	Mr	0	Damien	Bonté,
UK	UK LCEDN	UK Low Carbon Energy for Development Network	Mr	0	Ed	Brown
UK	ACU	Association of Commonwealth Universities	Mr	0	Andrew	Cherry
UK	Loughborough University	Loughborough University	Mr	0	Nick	Clifford
UK	0	Mega Amps	Mr	0	Frank	Pretorius
Zambia	0	INDUSTRIAL DEVELOPMENT CORPORATION	Mr	0	Chitalu	Chisanga
Zambia	0	MINISTRY OF ENERGY	Mr	0	Isaac	SoKo

## Annex 4: Public Links to PRE-LEAP-RE Materials

### Link to materials from the #1 VRT and #2 VRT for Contributors

<http://www.leap-re.eu/2019/06/11/materials-pre-leap-re-virtual-round-table-for-contributors/>

### Link to the record of the #1 VRT for Contributors

<https://webconf.vc.dfn.de/pnbr2tb4eu3h/>

### Link to the record of #2 VRT for Contributors' Discussion

<https://webconf.vc.dfn.de/po03atfumuzg/>

### Link to the BPs:

<http://www.leap-re.eu/2019/05/23/updated-draft-background-papers-are-now-available>