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LEAP-RE

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

Mid-term monitoring report of co-funded projects

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Summary

This deliverable summarize the financial aspect regarding the implementation of the projects selected after the two transnational joint calls for proposals. These 23 projects are co-funded by European and African national research funding agencies, with additional EC top up. The 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.

Approval

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LEAP-RE

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

Research & Innovation Action

January 2024

Deliverable 8.2

Mid-term monitoring report of co-funded projects

LEAP-RE PILLAR1

Version 1.2

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1 Pillar1 budget:

Presentation of Pillar1 : Gathering 18 African and European funding agencies, this pillar1 relates to the implementation of transnational joint calls for proposals co-funded by European and African national research funding agencies, with additional EC top up. The selected projects focus on achieving goals of mutual benefit based on balanced and cooperative approaches. Particular attention is given to strengthening the impact of R&I supported activities for the well-being of the society, in Europe and in Africa.

2 Monitoring budget of the first Call.

The success of the first co-funded joint call, conducted to the selection of thirteen projects in November 2021. A global funding budget of **10.269.217,100 €** was earmarked consisting of **7.679.549,63 €** coming from the participating funding agencies and **2.556.206,00 €** coming from the European Commission. The difference between the committed budget and the earmarked budget comes from the surplus provisions of certain agencies regarding the number of selected projects. The requested budget for funding is the sum of the budget consumed by agencies plus the EC top up. The LU (UK) is playing the role of funding agency for African partners without agencies

	Agencies	Initial Budget Commitment	Budget Requested	EU top up
EUROPE	AKA (Finland)	500 000,00 €	699 665,00 €	199 665,00 €
	ANR (France)	1 000 000,00 €	1469 479,00 €	469 479,00 €
	UEFISCDI (Romania)	500 000,00 €	635 000,00 €	135 000,00 €
	FCT (Portugal)	300 000,00 €	259 500,00 €	26 827,00 €
	FNRS (Belgium)	200 000,00 €	399 000,00 €	199 000,00 €
	FZJ-PtJ (Germany)	2 250 000,00 €	2466 212,00 €	254 954,00 €
	CDTI (Spain)	800 000,00 €	253 452,00 €	26 202,00 €
	Total Europe	5 550 000,00 €	6 182308.00 €	1 311 127,00 €
AFRICA	MESRS (Algeria)	1 000 000,00 €	567 400,00 €	67 623,00 €
	MESRSFC (Morocco)	1 000 000,00 €	703 400,00 €	72 717,00 €
	SANEDI+ DSI (RSA)	1 300 000,00 €	1635 975,00 €	335 975,00 €
	IRESN (Morocco)	500 000,00 €	119 988,00 €	12 404,00 €
	U-Lome (Togo)	200 000,00 €	123 786,20 €	20 000,00 €
	ASRT (Egypt)	200 000,00 €	317 500,00 €	117 500,00 €
	Total Africa	4 200 000,00 €	3 468 049,27 €	626 219,00 €
	African teams		618860.00	618860,00 €
	Total	9 750 000,00 €	10 269 217,20 €	2 556 206,00 €

Table1: Total budgets by agency and attribution of top up for the first call

Continent	Number countries participating	Budget committed By the countries		Total Budget (including top-up)	
Africa	5	4.20	43%	4.08	40%
Europe	7	5.55	57%	6.18	60%
Total	12	9.75	100%	10.2	100%

Table2: Number of countries and total budgets by continent including the top up

The following table illustrate the amounts attributed to support the teams of the four African countries without funding agencies.

	Countries	Funding
top-up	Ethiopia	127 735€
	Tunisia	147 000€
	Mozambique	94 125€
	Nigeria	250 000€
	Total	618 860.00€

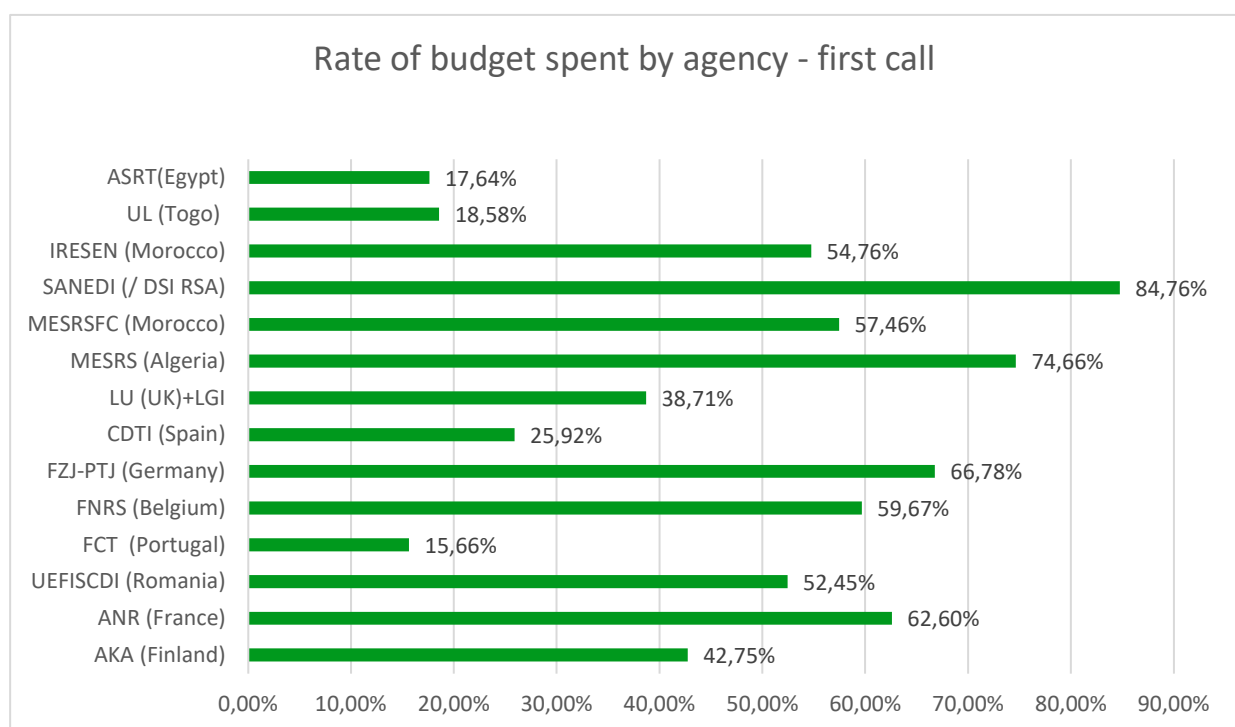
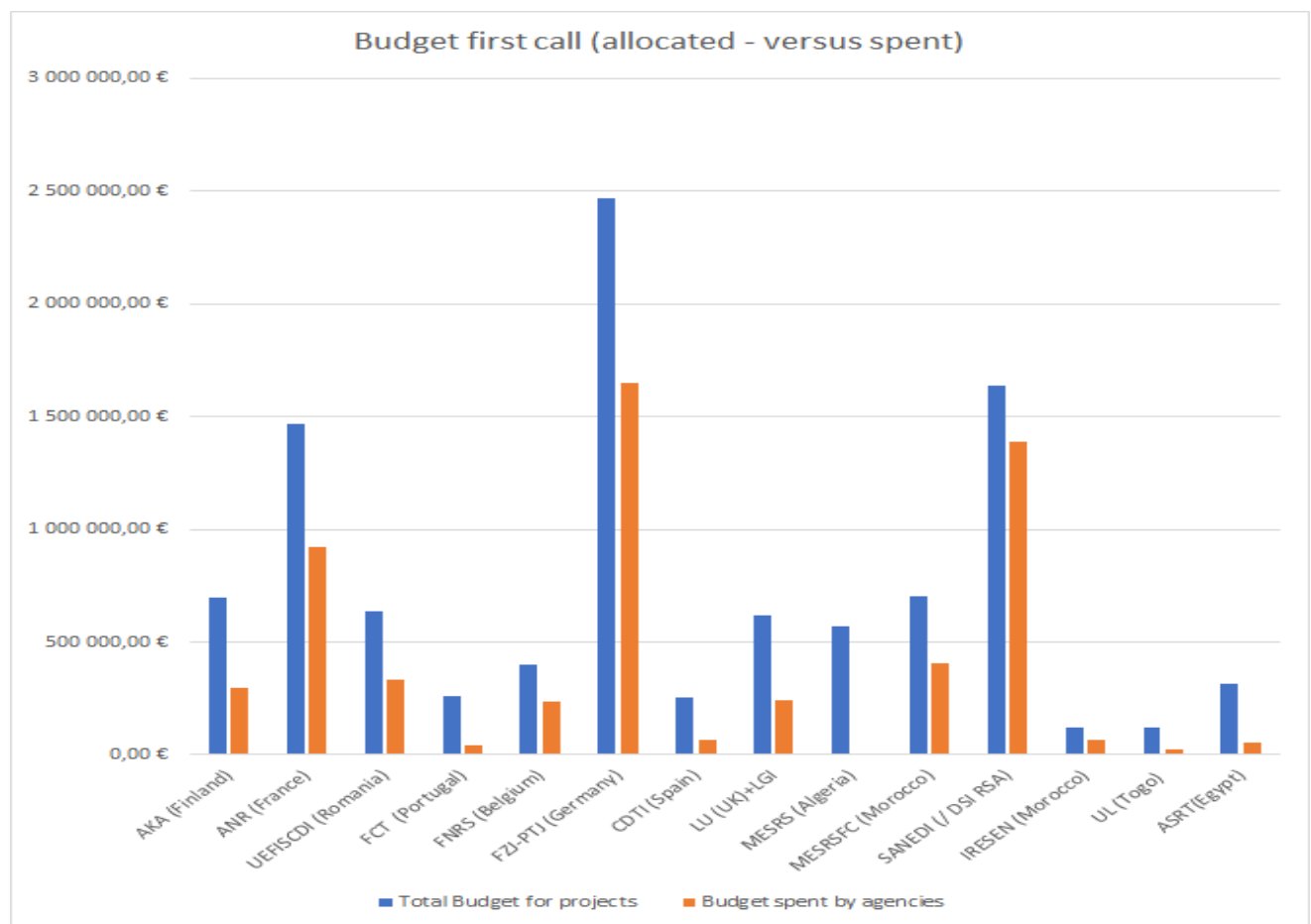
Table3: budget for African teams without funding agency (top-up)

2.1 Collecting data of expenditures of the first call:

Collecting data took more time than what was expected. Some agencies faced difficulties in receiving / managing / attributing budget to some projects. This exercise of explanation and local arrangements was time consuming. Based on the collecting data, Table4 shows the national rate of budget spent by agencies at the date of last monitoring 12th July 2024. . **The overall average is 60.72%.** (For more details on funding by project/agency, see Annex1 page 11)

N°	Funding Agencies	Total Budget for projects	Budget spent by agencies	% budget spent
1	AKA (Finland)	699 665,00 €	299 090,00 €	42,75%
2	ANR (France)	1 469 479,00 €	919 823,86 €	62,60%
3	UEFISCDI (Romania)	635 000,00 €	333027,18	52,45%
4	FCT (Portugal)	259 500,00 €	40 628,68 €	15,66%
5	FNRS (Belgium)	399 000,00 €	238 094,51 €	59,67%
6	FZJ-PTJ (Germany)	2 466 212,00 €	1 646 885,33 €	66,78%
7	CDTI (Spain)	253 452,00 €	101 254,26 €	25,92%
8	LU (UK)+LGI	618 860,00 €	239 566,04 €	38,71%
9	MESRS (Algeria)	567 400,00 €	423 595,96 €	74,66%
10	MESRSFC (Morocco)	703 400,00 €	404 185,00 €	57,46%
11	SANEDI (/ DSI RSA)	1 635 975,00 €	1 386 636,39 €	84,76%
12	IRESEN (Morocco)	119 988,00 €	124 548,26 €	54,76%
13	UL (Togo)	123 786,20 €	23 000,00 €	18,58%
14	ASRT(Egypt)	317 500,00 €	56 000,00 €	17,64%
Total		10 269 217,20 €	6 236 335,88 €	60,72%

Table 4: Budget allocated and budget spent for Pillar1 first call



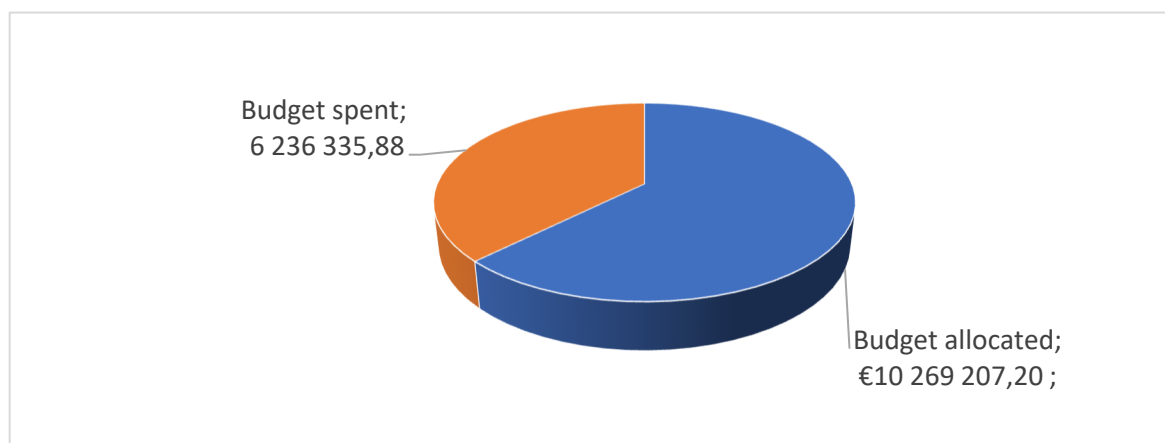


Fig1: Three figures illustrating budget reporting of the first call

3 Monitoring budget of the second Call:

The second call mobilized 9 agencies, three from Africa and 6 from Europe. Newcomers are MUR(Italy) and FFG (Austria). The kickoff meeting of the projects of the second call took place in Kigali (October 2023), but the 10 projects were launched in first July 2023.

°	Agencies	budget commitment	Budget requested	EUC Top-Up
1	ANR (France N)	650 000,00 €	1 006 383,00 €	379 190,00 €
2	FNRS (Belgium)	200 000,00 €	120 000,00 €	6 514,00 €
3	FZJ-PtJ (Germany)	1 150 000,00 €	1 310 181,00 €	160 181,00 €
4	LGI /African countries	0,00 €	284 922,00 €	284 922,00 €
5	MESRS (Algeria)	300 000,00 €	513 571,00 €	13 571,00 €
6	MESRSFC (Morocco)	500 000,00 €	865 397,00 €	365 397,00 €
7	SANEDI+ DSI (RSA)	533 000,00 €	421 074,00 €	22 858,00 €
8	UEFISCDI (Romania)	500 000,00 €	639 800,00 €	139 800,00 €
9	MUR (Italy)	600 000,00 €	739 955,00 €	139 955,00 €
10	FFG(Austria)	300 000,00 €	236 945,00 €	12 862,00 €
TOTAL		4 733 000,00 €	6 138 228,00 €	1 502 443,00 €

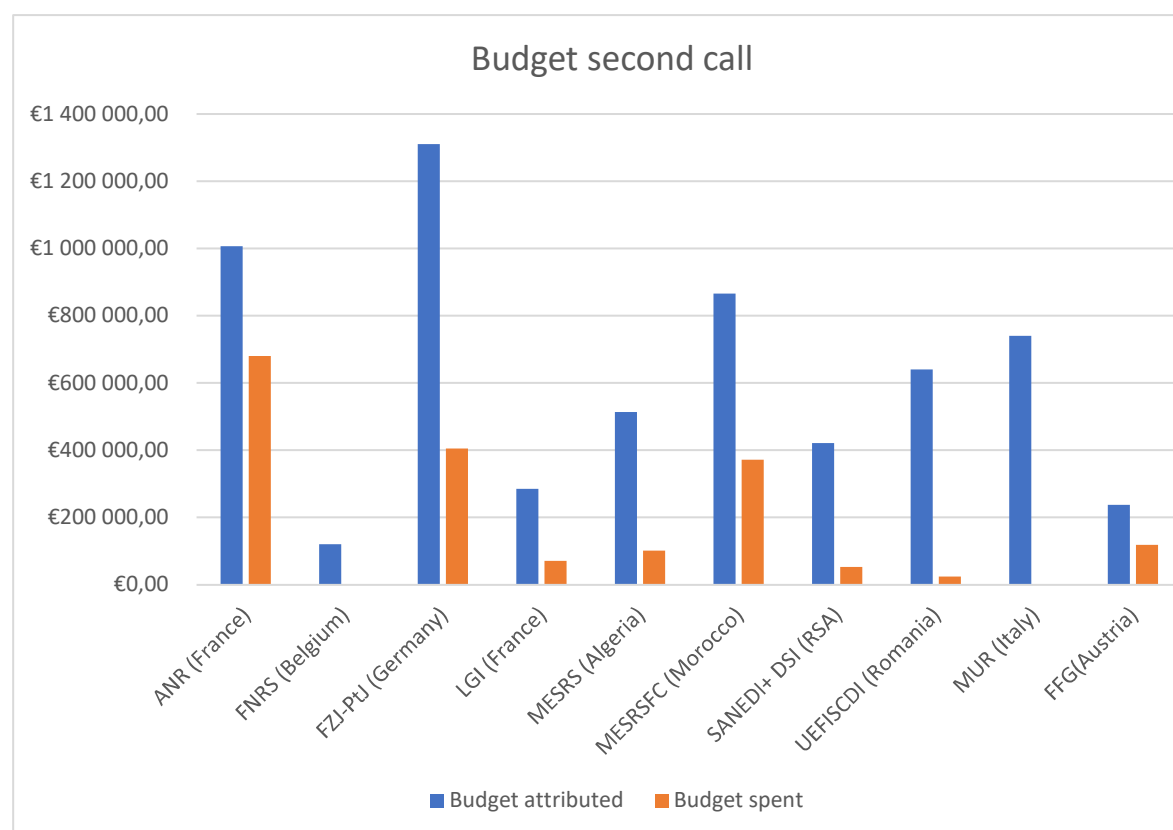
Table 5: Budget commitment, budget requested by agency and Top-up for the second call

- **Top up used for African countries : 285 k€ (Egypt, Kenya, Nigeria, Uganda)**

3.1 Expenditures for the second call

N°	Funding Agencies	budget requested	Budget allocated	Budget spent	% budget spent
1	ANR (France)	1 006 383,00 €	1 006 383,00 €	680152,22€	67,58%
2	FNRS	120 000,00 €	120 000,00 €	00 €	0,00%
3	FZJ-PtJ	1 310 181,00 €	1 225 385,00 €	404711,12€	30,89%
4	LGI (France)	284 922,00 €	284 922,00 €	70541,23€	24,76%
5	MESRS	513541,00 €	250000,00 €	100667,76€	19,60%
6	MESRSFC	865 397,00 €	865 397,00 €	371369,77€	42,91%
7	SANEDI+ DSI	421 074,00 €	421 074,00 €	52148.35,00 €	12,38%
8	UEFISCDI	639 800,00 €	639 800,00 €	23 500,00 €	3,67%
9	MUR (Italy)	739 955,00 €	739 955,00 €	00 €	0,00%
10	FFG(Austria)	236 945,00 €	236 945,00 €	118472,00 €	50,00%
Total		6 138 228,00 €	5 789 861,00€	1 821 562.45€	29.68%

Table6: Budget requested, budget allocated and budget spent
(FZJ and MESRS allocated less budget than what was requested)



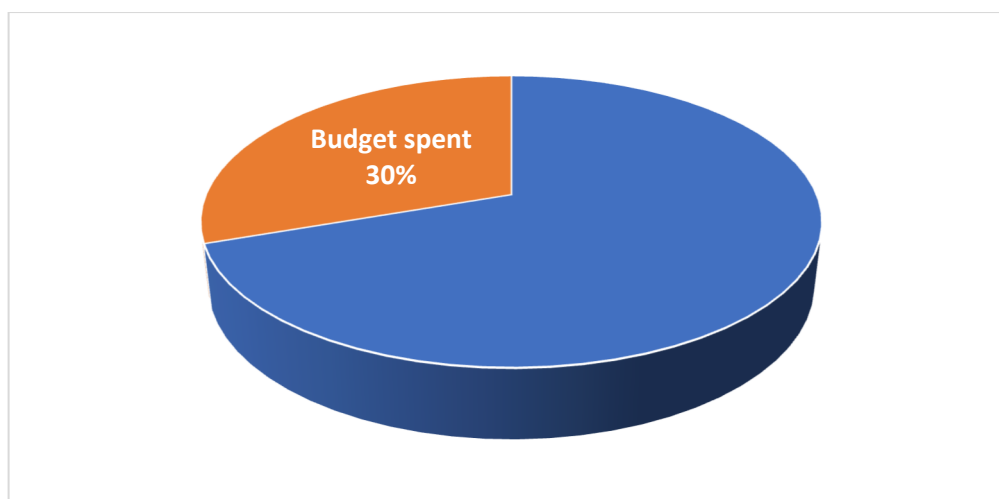
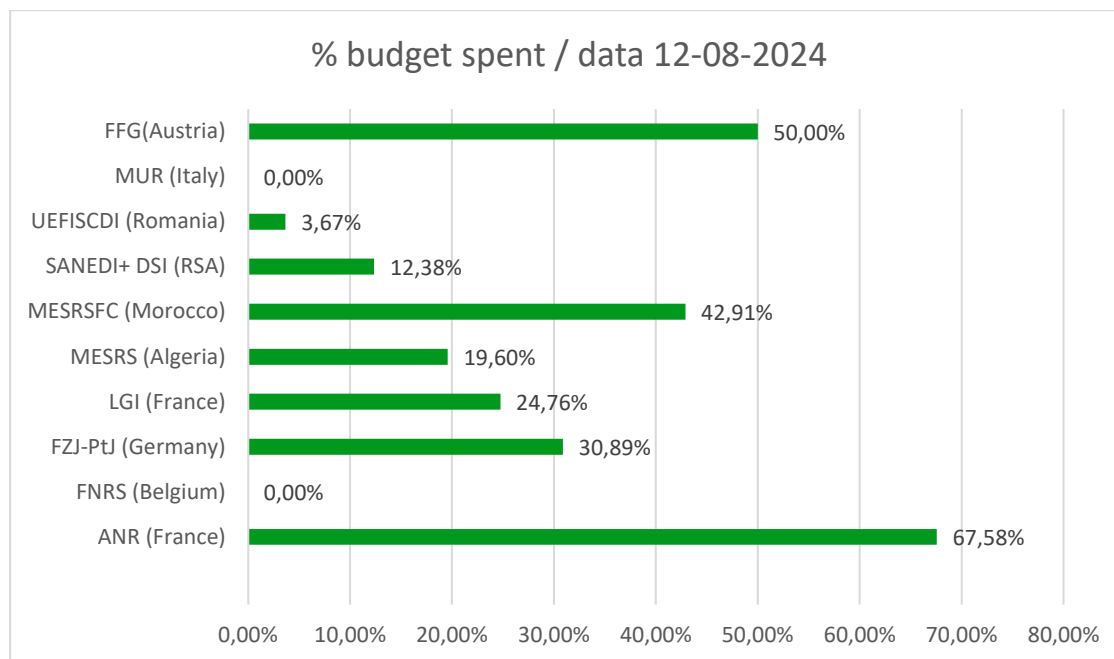


Fig2: Three figures illustrating budget reporting of the second call



4 Annex1: First-Call: List of project and indication on budget spent and budget allocated by project

Name projectPIC	Subgrantee acronym	Agency name	Total requested	Fund received	Taux
HyAfrica	Converge	FCT	109 500,00 €	18 128,68 €	16,56%
HyAfrica	UP	DSI	189 877,78 €	178 466,89 €	93,99%
HyAfrica	ULIMP	DSI	109 308,33 €	64 602,29 €	59,10%
HyAfrica	LIAG	FZJ-PtJ	232 271,00 €	130 356,30 €	56,12%
HyAfrica	IEE	FZJ-PtJ	153 368,00 €	80 952,10 €	52,78%
HyAfrica	UMP	MESRSFC	64 500,00 €	36 000,00 €	55,81%
HyAfrica	UEM	LU	75 250,00 €	47 575,00 €	63,22%
HyAfrica	DNGM	LU	18 875,00 €	9 437,50 €	50,00%
HyAfrica	UL	UL	25 000,00 €	0,00 €	0,00%
LED SOL	CITST	UEFISCDI	250 000,00 €	175 000,00 €	70,00%
LED SOL	UDES /	MESRS	100 000,00 €	75 097,59 €	75,10%
LED SOL	ISO	FZJ-PtJ	200 520,00 €	137 039,37 €	68,34%
LED SOL	TAU	AKA	200 000,00 €	83 340,99 €	41,67%
LED SOL	LAHE	UL	25 000,00 €	4 000,00 €	16,00%
MG-FARM	UL-LEMTA	ANR	168 840,00 €	102 208,00 €	60,54%
MG-FARM	UL-GREEN	ANR	177 800,00 €	107 632,00 €	60,54%
MG-FARM	IECORP SA	Own funds	0,00 €		
MG-FARM	UT-LAT	MESRS	62 900,00 €	47 064,01 €	74,82%
MG-FARM	UDES-CDER	MESRS	89 500,00 €	70 823,18 €	79,13%
MG-FARM	MEI	FZJ-PtJ	103 194,00 €	81 852,32 €	79,32%
MG-FARM	TUB	FZJ-PtJ	140 375,00 €	119 051,78 €	84,81%
MG-FARM	UIR	MESRSFC	31 800,00 €	16 000,00 €	50,31%
MG-FARM	GEP	MESRSFC	60 000,00 €	35 400,00 €	59,00%
MG-FARM	ENSAO	MESRSFC	28 000,00 €	16 640,00 €	59,43%
NANOSOLARCELL	CEMHTI-CNRS	ANR	250 768,76 €	151 804,00 €	60,54%
NANOSOLARCELL	UDES	MESRS	80 000,00 €	64 851,99 €	81,06%
NANOSOLARCELL	MU-EG	ASRT	66 000,00 €	21 000,00 €	31,82%
NANOSOLARCELL	UCA-IMED	MESRSFC	65 000,00 €	38 900,00 €	59,85%
NANOSOLARCELL	TUlas	UEFISCDI	175 000,00 €	101 799,59 €	58,17%
OASES	Fraunhofer IEE	FZJ-PtJ	170 369,54 €	101 256,40 €	59,43%
OASES	Uni KS	FZJ-PtJ	179 984,40 €	89 148,16 €	49,53%
OASES	CSIR	DSI	200 000,00 €	182 837,97 €	91,42%
OASES	UniVen	DSI	50 000,00 €	0,00 €	0,00%
OASES	CDER	MESRS	50 000,00 €	40 710,41 €	81,42%
OASES	HU	ASRT	50 000,00 €	0,00 €	0,00%
OASES	VTT	AKA	250 000,00 €	132 706,40 €	53,08%
PyroBioFuel	CU	ASRT	100 000,00 €	35 000,00 €	35,00%
PyroBioFuel	WITS	DSI	300 000,00 €	155 282,73 €	51,76%
PyroBioFuel	BTU	FZJ-PtJ	376 205,76 €	215 174,87 €	57,20%
PyroBioFuel	PIMM	ANR	100 892,86 €	90 803,86 €	90,00%
PyroBioFuel	UIT	MESRSFC	65 000,00 €	39 000,00 €	60,00%



PyroBioFuel	IRESEN	MESRSFC	65 000,00 €	26 000,00 €	40,00%
QDSOC	LRGP	ANR	207 967,29 €	124 780,00 €	60,00%
QDSOC	IJL	ANR	79 100,00 €	47 460,00 €	60,00%
QDSOC	Wits-Nano	DSI	115 000,00 €	108 523,53 €	94,37%
QDSOC	ULiege-GREENMAT	FNRS	199 000,00 €	38 094,51 €	19,14%
QDSOC	MSN	MESRSFC	59 000,00 €	39 000,00 €	66,10%
QDSOC	MANAPSE	MESRSFC	60 000,00 €	35 900,00 €	59,83%
RESTART	UCA	MESRSFC	75 000,00 €	45 000,00 €	60,00%
RESTART	GEP	IRESEN	119 988,00 €	124 548,93 €	103,80%
RESTART	UM6P	MESRSFC	65 000,00 €	39 000,00 €	60,00%
RESTART	KSIU	ASRT	8 500,00 €	0,00 €	0,00%
RESTART	Aalto	AKA	249 665,00 €	83 042,61 €	33,26%
RESTART	CNRS DR12	ANR	162 698,00 €	97 618,00 €	60,00%
RESTART	BBU	UEFISCDI	200 000,00 €	56 227,59 €	28,11%
SIREVIVAL	UCLouvain	FNRS	200 000,00 €	200 000,00 €	100,00%
SIREVIVAL	CRTSE	MESRS	100 000,00 €	62 646,37 €	62,65%
SIREVIVAL	IEMN	ANR	201 784,10 €	121 070,00 €	60,00%
SIREVIVAL	ENSIT	LU	31 980,00 €	22 855,30 €	71,47%
SIREVIVAL	CRTEn	LU	65 020,00 €	45 930,74 €	70,64%
SoCoNexGen	SIJ	FZJ-PtJ	260 261,41 €	158 148,66 €	60,77%
SoCoNexGen	IBEU	FZJ-PtJ	84 980,00 €	81 144,00 €	95,49%
SoCoNexGen	low-tec	FZJ-PtJ	53 149,04 €	53 149,04 €	100,00%
SoCoNexGen	CDER	MESRS	75 000,00 €	62 402,41 €	83,20%
SoCoNexGen	UMP	MESRSFC	65 000,00 €	37 345,00 €	57,45%
SoCoNexGen	UdE	FCT	150 000,00 €	22 500,00 €	15,00%
SoCoNexGen	UTM	LU	50 000,00 €	18 650,00 €	37,30%
SolChargE	TUM	FZJ-PtJ	310 323,00 €	194 578,93 €	62,70%
SolChargE	SBU	DSI	423 614,00 €	262 984,02 €	62,08%
SolChargE	ASTU	LU	127 735,00 €	63 867,50 €	50,00%
SolChargE	CEA/LITEN	ANR	127 414,00 €	76 448,00 €	60,00%
SunGari	NRI	NRI (own fund)			
SunGari	UP	DSI	63 350,00 €	87 014,26 €	137,35%
SunGari	ULi	DSI	28 200,00 €	229 461,81 €	813,69%
SunGari	UniKassel	FZJ-PtJ	95 500,00 €	95 633,00 €	100,14%
SunGari	SST	FZJ-PtJ	106 362,00 €	109 400,40 €	102,86%
SunGari	ULo	UL	88 786,00 €	19 000,00 €	21,40%
SOLAR INDUCE	COPRECI	CDTI	253 452,00 €	101 254,00 €	39,95%
SOLAR INDUCE	TUT	DSI	83 625,00 €	117 462,89 €	140,46%
SOLAR INDUCE	WSU	DSI	73 000,00 €		0,00%
SOLAR INDUCE	BUE	ASRT	93 000,00 €		0,00%
SOLAR INDUCE	ESUT	LU	125 000,00 €		0,00%
SOLAR INDUCE	SPG	LU	124 999,00 €	31 250,00 €	25,00%
SOLAR INDUCE	UNN	Own funds			
Total			10 272 553,27€	6 236 335,88 €	60,70%

5 Annex2: Second-Call: List of project and indication on budget spent and budget allocated by project

Project acronym	"Partner organisation short name	Agency	Tot request	Fund received	% Spent
BIOOTHEREP	UM6P	MESRSFC	70 000,00 €		
BIOOTHEREP	UIT	MESRSFC	48 000,00 €	28 800,00 €	
BIOOTHEREP	UKZN	DSI	60 000,00 €		
BIOOTHEREP	MUT	DSI	25 000,00 €		
BIOOTHEREP	FGE	DSI	10 000,00 €		
BIOOTHEREP	CDER	MESRS (Algérie)	50 000,00 €	20 133,55 €	
BIOOTHEREP	HTW Berlin	Juelich	149 947,56 €	37 803,66 €	
BIOOTHEREP	BEB	Juelich	51 682,26 €	14 173,07 €	
BIOOTHEREP	Cairo University	Own funds	0,00 €		
BIOOTHEREP	ICARE	ANR	139 981,82 €	76 989,00 €	
BIOOTHEREP	UNIPG	MUR	70 000,00 €	0,00 €	
D3T4H2S	S VERTICAL	ANR	61 191,00 €	18 357,00 €	
D3T4H2S	ENSTA Bretagne	ANR	135 939,00 €	109 232,50 €	
D3T4H2S	UNISA	DSI	86 074,00 €		
D3T4H2S	UIR	MESRSFC	43 400,00 €		
D3T4H2S	UH2C	MESRSFC	48 000,00 €	24 000,00 €	
D3T4H2S	UGAL	UEFISCDI	55 000,00 €		
MiDiNA	IREENA	ANR	199 987,00 €	159 990,00 €	
MiDiNA	MU	MESRS (Algérie)	50 000,00 €	20 133,55 €	
MiDiNA			0,00 €		
MiDiNA	USMBA	MESRSFC	48 000,00 €	28 800,00 €	
MiDiNA	UM5R	MESRSFC	48 000,00 €	28 800,00 €	
MiDiNA	TUCN	UEFISCDI	199 800,00 €	23 250,00 €	
OPTiMG	RLI	Juelich	250 930,80 €	107 580,30 €	
OPTiMG	UCT	DSI	50 000,00 €		
OPTiMG	TUT	DSI	50 000,00 €		
OPTiMG	EGS	MUR	70 000,00 €	0,00 €	
OPTiMG	GEP	MESRSFC	48 000,00 €		
OPTiMG	H2UC	MESRSFC	48 000,00 €	26 900,00 €	
RCLIB	NIMP	UEFISCDI	160 000,00 €		
RCLIB	CITST	UEFISCDI	90 000,00 €		
RCLIB	UBMA	MESRS (Algérie)	50 000,00 €	20 133,55 €	
RCLIB	INFN	MUR	200 000,00 €	0,00 €	
RCLIB	UM6P	MESRSFC	48 000,00 €	28 000,00 €	
RCLIB	UCA	MESRSFC	48 000,00 €	28 500,00 €	
REPTES	UNICA	MUR	130 000,00 €	0,00 €	
REPTES	SCI	MUR	70 000,00 €	0,00 €	

REPTES	ULIEGE	F.R.S.-FNRS	120 000,00 €		
REPTES	GEP	MESRSFC	24 200,00 €	16 827,27 €	
REPTES	ENSAM Rabat	MESRSFC	36 400,00 €	33 142,50 €	
REPTES	ENSMR	MESRSFC	36 400,00 €	18 200,00 €	
REPTES	FUPRE	LGI	133 650,00 €	33 142,50 €	
REPTES	ASE	UEFISCDI	135 000,00 €		
SHE	TUG	FFG	173 455,00 €	86 722,00 €	
SHE	CC	FFG	63 500,00 €	31 750,00 €	
SHE	EE	DSI	35 000,00 €	0,00 €	
SHE	TUT	DSI	50 000,00 €	0,00 €	
SHE	IMT MINES ALBI	ANR	149 944,20 €	119 955,72 €	
SHE	MAK	LGI	70 000,00 €	17 500,00 €	
SmartAPV-Fruit	Fraunhofer ISE	Juelich	223 390,51 €	173 051,77 €	
SmartAPV-Fruit	RAACH	Juelich	0,00 €	0,00 €	
SmartAPV-Fruit	UWC	DSI	40 000,00 €	10 000,00 €	
SmartAPV-Fruit	FruitsRouges	ANR	120 000,00 €	36 000,00 €	
SmartAPV-Fruit	UIZ	MESRSFC	24 000,00 €	12 600,00 €	
SmartAPV-Fruit	INRA	MESRSFC	48 000,00 €	27 000,00 €	
SmartAPV-Fruit	UCA	MESRSFC	24 000,00 €	14 200,00 €	
SmartAPV-Fruit		Own funds	0,00 €	0,00 €	
SWITCH	THI	Juelich	246 783,10 €	12 000,00 €	
SWITCH	WECF	Juelich	53 212,50 €	15 241,00 €	
SWITCH	UA	MESRS (Algérie)	26 000,00 €	10 066,78 €	
SWITCH	UAT	MESRS (Algérie)	24 000,00 €	10 066,78 €	
SWITCH	AIT	MUR	200 000,00 €	0,00 €	
SWITCH	AUI	MESRSFC	42 636,70 €		
SWITCH	UMP	MESRSFC	26 100,50 €		
SWITCH	INPT	MESRSFC	27 259,80 €		
Vil2Bio	GEPEA	ANR	109 414,00 €	87 532,00 €	
Vil2Bio	ICARE	ANR	89 926,00 €	72 096,00 €	
Vil2Bio	Altran	Own funds	0,00 €		
Vil2Bio	CDER	MESRS (Algérie)	50 000,00 €	20 133,55 €	
Vil2Bio	TUHH	Juelich	196 947,56 €	41 676,89 €	
Vil2Bio	IBBK	Juelich	52 490,75 €	3 184,43 €	
Vil2Bio	KIRDI	LGI	49 159,00 €	12 473,73 €	
Vil2Bio	UONBI	LGI	29 700,00 €	7 425,00 €	
Vil2Bio	UH1	MESRSFC	48 000,00 €	28 800,00 €	
Vil2Bio	USMS	MESRSFC	48 000,00 €	26 800,00 €	
TOTAL			5 789 503,06 €	1 779 164,10 €	30%

Figure 4: % budget spent (15/08/2024) for the second call

6 List of institutions involved in the calls

6.1: First Call

PIC numbers	Subgrantee acronyms	Subgrantee name	Agency name
892127043	Converge	CONVERGE! Lda	FCT
999861645	UP	University of Pretoria	DSI
997769937	ULIMP	University of Limpopo	DSI
997819213	LIAG	Leibniz Institute for Applied Geophysics	FZJ-PtJ
999984059	IEE	Fraunhofer Institute for Energy Economics and Energy System Technology IEE	FZJ-PtJ
996183890	UMP	Université Mohammed Premier	MESRSFC
998737512	UEM	University Eduardo Mondlane	LU
Not available	DNGM	Direção Nacional de Geologia e Minas	LU
893999822	UL	University of Lomé	UL
953188155	CITST	IT Center for Science and Technology	UEFISCDI
999531069	UDES / EPST- CDER	Unit of Solar Equipment Development	MESRS (Algérie)
914860060	ISO	Institut für Sozialforschung und Sozialwirtschaft e. V.	FZJ-PtJ
902999288	TAU	Tampere University	AKA
996969978	LAHE	Laboratory of Applied Hydrology and Environment, UNIVERSITY OF LOME	UL
954831626	UL-LEMTA	Laboratoire d'énergétique et de mécanique théorique et appliquée	ANR
954831626	UL-GREEN	GROUPE DE RECHERCHE EN ENERGIE ELECTRIQUE DE NANCY	ANR
Not available (non financé)	IECORP SA	IECORP SA	Own funds
998022040	UT-LAT	Laboratoire d'Automatique de Tlemcen - Université de Tlemcen	MESRS (Algérie)
941834693	UDES-CDER	Unité de Développement des Equipements Solaires-CENTRE DE DEVELOPPEMENT DES ENERGIES RENOUVELABLES	MESRS (Algérie)
952563572	MEI	MicroEnergy International GmbH	FZJ-PtJ
999986678	TUB	TU Berlin	FZJ-PtJ
951928707	UIR	Université Internationale de Rabat, Laboratoire des Energies Renouvelables et Matériaux Avancés	MESRSFC
906552980	GEP	GREEN ENERGY PARK	MESRSFC
996183890	ENSAO	Ecole Nationale des Sciences Appliquées d'Oujda	MESRSFC
999997930	CEMHTI-CNRS	Conditions Extrêmes et Matériaux : Haute température et Irradiation	ANR
941834693	UDES	Centre de Développement des Energies Renouvelables, EPST-CDER	MESRS (Algérie)
986258947	MU-EG	Mansoura University	ASRT

899348790 / 915624420	UCA-IMED	University Cadi Ayyad	MESRSFC
999853303	TUlas	UNIVERSITATEA TEHNICA "GHEORGHE ASACHI" IASI / Gheorghe Asachi Technical University of Iasi	UEFISCDI
999984059	Fraunhofer IEE	Fraunhofer Institute for Energy Economics and Energy System Technology IEE	FZJ-PtJ
999852624	Uni KS	University of Kassel	FZJ-PtJ
999646693	CSIR Energy Centre	Council of Scientific and Industrial Research CSIR	DSI
947695627	UniVen	University of Venda	DSI
999531069	CDER	Renewable Energy Development Center Algeria CDER	MESRS (Algérie)
990143991	HU	Helwan University	ASRT
932760440	VTT	VTT Technical Research Centre of Finland	AKA
999843215	CU	Cairo University	ASRT
998014086	WITS	University of Witwatersrand	DSI
937759529	BTU	Brandenburg University of Technology	FZJ-PtJ
999997930	PIMM	Procédés et Ingénierie en Mécanique et Matériaux	ANR
925495722	UIT	Ibn Tofail University	MESRSFC
952594612	IRESN	Institut de Recherche en Energie Solaire et en Energies Nouvelles	MESRSFC
999997930	LRGP	Laboratoire Réactions et Génie des Procédés	ANR
999997930	IJL	Institut Jean Lamour	ANR
998014086	Wits-NanoWEBS	University of the Witwatersrand, NanoWEB Research Group	DSI
999976105	ULiege-GREENMAT	Université de Liège - Group of Research in Energy and ENvironment from MATerials	FNRS
893965290	MSN	Materials Science, Energy and Nanoengineering	MESRSFC
929283572	MANAPSE	Materials, Nanomaterials for Photovoltaic conversion and Electrochemical Storage	MESRSFC
998639930	UCA	Cadi Ayyad University, Marrakesh	MESRSFC
906552980	GEP	Green Energy Park	IRESN
893965290	UM6P	Mohammed VI Polytechnic University	MESRSFC
	KSIU	KSIU	ASRT
991256096	Aalto	Aalto	AKA
998162884	CNRS DR12 - CEREGE	Centre National de la Recherche Scientifique Délégation Provence et Corse - Centre européen de recherche et d'enseignement de géosciences de l'environnement	ANR
999860578	BBU	BBU	UEFISCDI
999980664	UCLouvain	Université catholique de Louvain	FNRS
952498388	CRTSE	Centre de Recherche en Technologie des Semi-conducteurs pour l'Energétique	MESRS
999997930	IEMN	Institut d'Électronique de Microélectronique et de Nanotechnologie	ANR
949399432	ENSIT	École nationale supérieure d'ingénieurs de Tunis	LU

996585470	CRTEn	Centre de Recherches et des Technologies de l'Energie	LU
996033928	SIJ	Solar-Institut Jülich of the FH Aachen University of Applied Sciences	FZJ-PtJ
881348888	IBEU	Ingenieurbüro für Energie- und Umwelttechnik	FZJ-PtJ
919476969	low-tec	low-tec gemeinnützige Arbeitsmarktförderungsgesellschaft Düren mbH	FZJ-PtJ
999531069	CDER	Centre de Développement des Energies Renouvelables	MESRS (Algérie)
996183890	UMP	Université Mohammed Premier Oujda	MESRSFC
998269196	UdE	Universidade de Évora - Renewable Energies Chair	FCT
897135541	UTM	Université de Tunis El Manar- labo ATSSEE- FST	LU
999977463	TUM	Technical University Munich	FZJ-PtJ
999 877 359	SBU	Stellenbosch University	DSI
500274512	ASTU	Adama Science and Technology University	LU
999992401	CEA/LITEN	Laboratoire d'Innovation pour les Technologies des Energies nouvelles et les Nanomatériaux	ANR
999867756	NRI	Natural Resources Institute of University of Greenwich	NRI (own funding)
999861645	UP	University of Pretoria	DSI
997769937	ULi	University of Limpopo	DSI
999852624	UniKassel	Fachgebietsleiter Agrartechnik, Universität Kassel	FZJ-PtJ
890795815	SST	Simply Solar Technology Consulting GbR	FZJ-PtJ
996969978	ULo	University of Lome	UL
991133973	COPRECI	COPRECI, S.COOP.LTDA	CDTI
923729740	TUT	Tshwane University of Technology	DSI
915391717	WSU	Walter Sisulu University	DSI
934503142	BUE	The British University in Egypt	ASRT
894727225	ESUT	Enugu State University of Science and Technology	LU
891854861	SPG	S&P Global Resources Nigeria Limited	LU
999859705	UNN	University of Northumbria at Newcastle	Own funds

6.2 - List of institutions involved in the second call

893965290	UM6P	Mohammed VI Polytechnic University	MESRSFC
925495722	UIT	Ibn Tofail University	MESRSFC
891526904	UKZN	University of KwaZulu-Natal	DSI
933850041	MUT	Mangosuthu University of Technology	DSI
881653565	FGE	Fountain Green Energy	DSI
999531069	CDER	Centre de Développement des Energies Renouvelables	MESRS (Algérie)
997713289	HTW Berlin	Hochschule für Technik und Wirtschaft Berlin - University of Applied Sciences	Juelich
881640664	BEB	Bioenergy Berlin GmbH	Juelich
999843215	Cairo University	Cairo University	Own funds

999997930	ICARE	Institut de Combustion Aérothermique Réactivité Environnement	ANR
999846319	UNIPG	Università degli Studi di Perugia	MUR
885083582	S VERTICAL	S VERTICAL	ANR
999864167	ENSTA Bretagne	ENSTA Bretagne - Institut de Recherche Dupuy de Lôme	ANR
990429850	UNISA	University of South Africa, College of Science, Engineering and Technology, School of Engineering	DSI
951928707	UIR	Université Internationale de Rabat	MESRSFC
934714214	UH2C	University of Hassan II Casablanca	MESRSFC
884576078	UGAL	Université "Dunarea de Jos" de Galati	UEFISCDI
888458988	IREENA	INSTITUT DE RECHERCHE EN ENERGIE ELECTRIQUE DE NANTES ATLANTIQUE	ANR
915480957	MU	Université de M'sila	MESRS (Algérie)
		AOUINA KAMEL	
998163854	USMBA	Université Sidi-Mohamed Ben-Abdellah	MESRSFC
929283572	UM5R	Université Mohammed V de Rabat	MESRSFC
999897244	TUCN	Technical University of Cluj Napoca	UEFISCDI
953906343	RLI	Reiner Lemoine Institut	Juelich
999849229	UCT	University of Cape Town	DSI
923729740	TUT	Tshwane University of Technology	DSI
892107449	EGS	EnGreenSolutions	MUR
906552980	GEP	GreenEnergyPark	MESRSFC
934714214	H2UC	Hassan II University of Casablanca	MESRSFC
996587119	NIMP	National Institute of Materials Physics	UEFISCDI
953188155	CITST	IT Center for Science and Technology	UEFISCDI
999808683	UBMA	Badji Mokhtar University	MESRS (Algérie)
999992789	INFN	Istituto Nazionale di Fisica Nucleare	MUR
893965290	UM6P	Mohammed VI Polytechnic University	MESRSFC
904777104	UCA	Université Cadi Ayyad	MESRSFC
999841663	UNICA	University of Cagliari	MUR
913770750	SCI	Smart City Instrument	MUR
999976105	ULIEGE	University of Liege	F.R.S.-FNRS
906552980	GEP	Green Energy Park	MESRSFC
881373720	ENSAM Rabat	Ecole Nationale Supérieure d'Arts et Métiers Rabat - UM5	MESRSFC
933681067	ENSMR	Ecole Nationale Supérieure des Mines de Rabat	MESRSFC
913021328	FUPRE	Federal University of Petroleum Resources Effurun	LGI
998405966	ASE	Bucharest Academy of Economic Studies	UEFISCDI
999977948	TUG	Graz University of Technology, Institute of Thermal Engineering	FFG
881659288	CC	Carbon Compass	FFG
891879790	EE	EKASI Energy	DSI
923729740	TUT	Tshwane University of Technology	DSI

999849326	IMT MINES ALBI	INSTITUT MINES TELECOM	ANR
999856601	MAK	Makerere University	LGI
999984059	Fraunhofer ISE	Fraunhofer Institute for Solar Energy Systems	Juelich
891590342	RAACH	Raach Solar Projects GmbH	Juelich
999883373	UWC	University of the Western Cape	DSI
879776906	FruitsRouges	FruitsRouges&Co	ANR
925129741	UIZ	Université Ibn Zohr, Agadir	MESRSFC
997320148	INRA	INRA	MESRSFC
998639930	UCA	Cadi Ayyad University Marrakech, Faculty of Sciences Semlalia	MESRSFC
911400070		Insolight	Own funds
986080370	THI	Technische Hochschule Ingolstadt	Juelich
972828327	WECF	Women Engage for a Common Future e.V.	Juelich
922226337	UA	University of Adrar	MESRS (Algérie)
937798232	UAT	University of Ain Temouchent	MESRS (Algérie)
891022019	AIT	Aitown	MUR
996897810	AUI	Al Akhawayn University	MESRSFC
996183890	UMP	University Mohammed Premier	MESRSFC
918219558	INPT	Institut National des Postes et Télécommunications	MESRSFC
999997930	GEPEA	LABORATOIRE DE GENIE DES PROCÉDES - ENVIRONNEMENT - AGROALIMENTAIRE	ANR
999997930	ICARE	Institut de combustion, aérothermique, réactivité et environnement	ANR
	Altran	Altran Technologies	Own funds
999531069	CDER	Centre de développement des énergies renouvelables	MESRS (Algérie)
999838753	TUHH	Hamburg University of Technology	Juelich
963072455	IBBK	International Biogas and Bioenergy Competence Center	Juelich
916974660	KIRDI	Kenya Industrial Research and Development Institute	LGI
918190555	UONBI	University of Nairobi	LGI
944996602	UH1	Université Hassan Ier	MESRSFC
933648766	USMS	Sultan Moulay Slimane University	MESRSFC