



SDG Fund Side Event



Why invest in Madagascar's energy sector ?

- Great solar energy potential
2.800 hours of sunshine a year
average incident solar energy of around 2,000 kWh/m²/year
- hydropower potential of **almost 8,000 MW**
of which only 160 MW are currently exploited

Availability of a pipeline of bankable projects with ADER totaling **USD 390.509.888**
to produce a total of ninety-five (95) MW, including 10 MW of solar photovoltaic and 85 MW of hydroelectricity, with more than 1.6 million new people electrified

- Availability of **incubator** for sustainable energy projects
- Madagascar offers an attractive and secure business climate

Madagascar's financial instruments to accelerate energy transition

- Financial instruments available for investment

 - ✓ Sovereign Wealth Funds ;
 - ✓ National Sustainable Energy Fund (FNED).
- Typology of financing mechanisms

 - Derisking Facility ;
 - Concessional loans;
 - Subsidies or Grants ;
 - Guarantee funds;
 - Mixed financing.

Advantages for investing in Madagascar

- ✓ Abundant natural resources ;
- ✓ Increasing energy demand: With economic development;
- ✓ Government incentives;
- ✓ Attractive regulatory framework;
- ✓ Access to regional markets.

PERIODE 2022 -
AP6: BETSIBOKA 2022

 Hydro : 7,9 MW, Population : 130 000
 solaire : 0,27MW Population : 19 000
124 Localités

AP9 ANALAMANGA 2023

 Hydro : 7,2 MW, Population: 13 000
 Solaire : 0,31 MW Population : 19 000
98 Localités

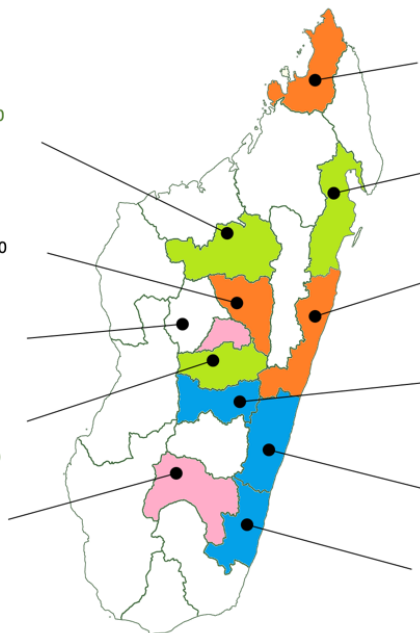
AP8: ITASY 2023

 Hydro : 1,18 MW, Population : 35 000
34 Localités

AP6 VAKINANKARATRA 2022

 Hydro : 16MW, Population 274 000
 Solaire : 2,06MW Population : 177000
177 Localités

AP8: IHOROMBE 2023

 Hydro : 0,16MW, Population: 5700
 Solaire : 0,65MW , Population 25 000
13 Localités

AP9: DIANA 2023

 Hydro : 3,5 MW, Population : 94 000
 Solaire : 1,3MW, Population 60 000
59 Localités:

AP6: ANALANJIROFO 2022

 Hydro : 22 MW, Population : 214 000
 Solaire : 1,6MW , Population 108 500
175 Localités:

AP9: ATSIANANA 2023

 Hydro : 47,3MW, Population : 540 000
 Solaire : 1,1MW Population 138 000
287 Localités

AP7 AMORON'I MANIA 2023

 Hydro : 3,74MW, Population 115 000
 Solaire : 1 MW , Population : 92 000
128 Localités

AP7: VATOVAVY et FITOVINANY 2023

 Hydro : 4,2MW, Population 242 000
 Solaire : 2,91 MW Population 269 000
215 Localités

AP7: ATSIMO ATSIANANA 2023

 Hydro : 12,7MW, Population : 291 000
 Solaire : 1,9MW Population 150 000,
276 Localités

Appels à Projets (AP 6 à 9) en cours d'attribution ou à venir par l'ADER

Calls for Projects (CFP6 to 9) currently being awarded or to be awarded by ADER. Since 2022, ADER has been in the process of launching and awarding four (04) new calls for projects (CFP 6 to 9). These new RFPs cover twelve (12) regions, as shown in figure, and will provide access to electricity for more than 1.6 million people, with a total capacity to be installed of ninety-five (95) MW, including 10 MW of solar photovoltaic and 85 MW of hydroelectric power. The electricity access rate will increase from 35,1% to 41,25%, gaining 6,15%

Investissement requis

Investment cost estimates for the various PAs are given in Table below. The total investment required for both production and distribution is **USD 390,509,888**.

CFP	Region	Power Puissance (MW)	Hydro Power(MW)	Target subscribers	MV Network (km)	LV Network (km)	Investment Production (USD)	Investment Distribution (USD)
6	BETSIBOKA	0.547	0	4,836	0	69	5,292,440	1,764,147
	VAKINANKARATRA	0.332	0.843	11,010	87.5	153	5,459,543	4,899,388
	ANALANJIROFO	0.91	0	6,814	0	114	7,903,159	2634,386
Sub-Total CFP-6		1.789	0.843	22,660	87.5	336	18,655,142	9,297,921
7	AMORON'I MANIA	1.442	4.720	30,721	345	470	29,328,546	9,776,182
	FITOVINANY	1.705	2.020	33,723	109	464	26,389,555	8,796,518
	VATOVAVY	1.224	6.011	30,823	267	532	29,994,099	9,998,033
	ATSIMO ATSIANANA	1.834	18.99	63,745	931	977	68,254,487	22,751,496
Sub-Total CFP-7		6.205	31.741	159,012	1,652	2,443	153,966,687	51,322,229
8	ITASY	0.869	1.181	6,340	56.5	124	13,483,935	4,494,645
	IHOROMBE	0.661	0.165	3,258	21.1	53	3,644,541	1,214,847
Sub-Total CFP-8		1.53	1.346	9,598	77.6	177	17,128,476	5,709,492
9	ATSIANANA	0.682	47.310	108,296	1,151	1,091	82,966,134	27,655,378
	ANALAMANGA	0	0.465	2,311	191	262	5,072,993	1,690,998
	DIANA	0.079	3.490	18,413	214	142	127,83,329	4,261,109
Sub-Total CFP-9		0.761	51.265	129,020	1,556	1,495	100,822,456	33,607,485
TOTAL		10.285	85.195	320,290	3,373.1	4,451	290,572,761	99,937,127