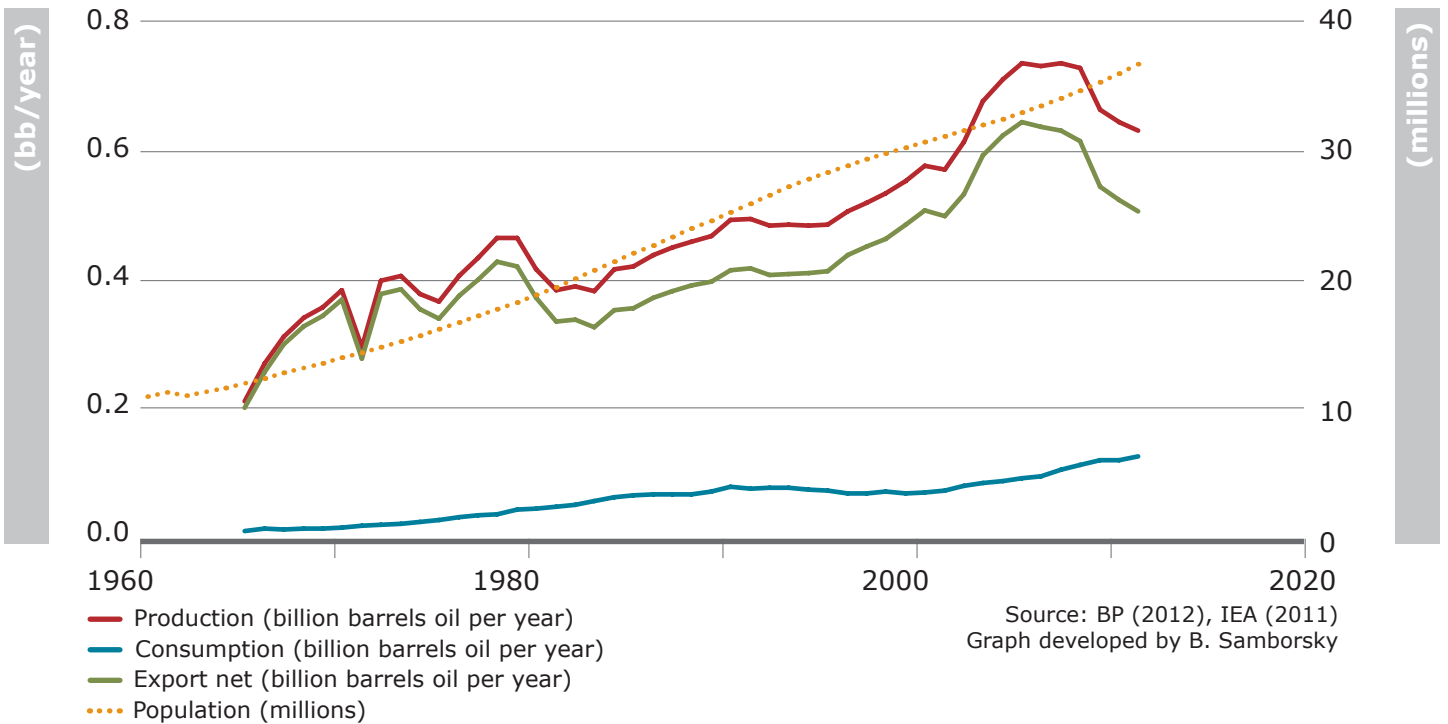


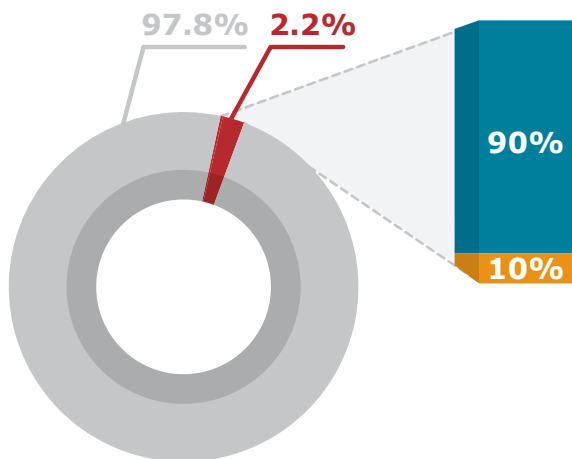


Renewable Energy Country Profile

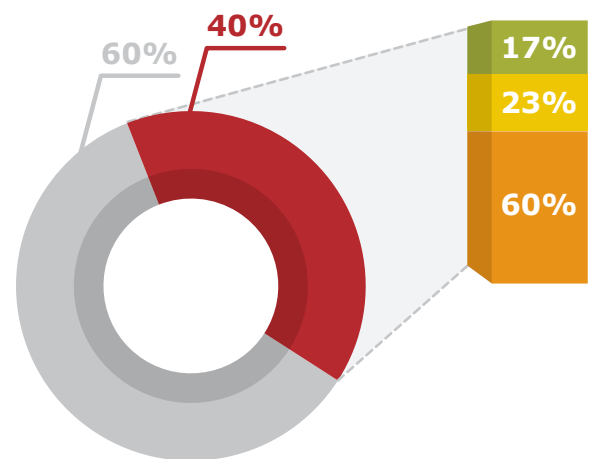
Energy Supply and Demand – Current Trends



Current Installed Capacity



RE Targets - Year 2030



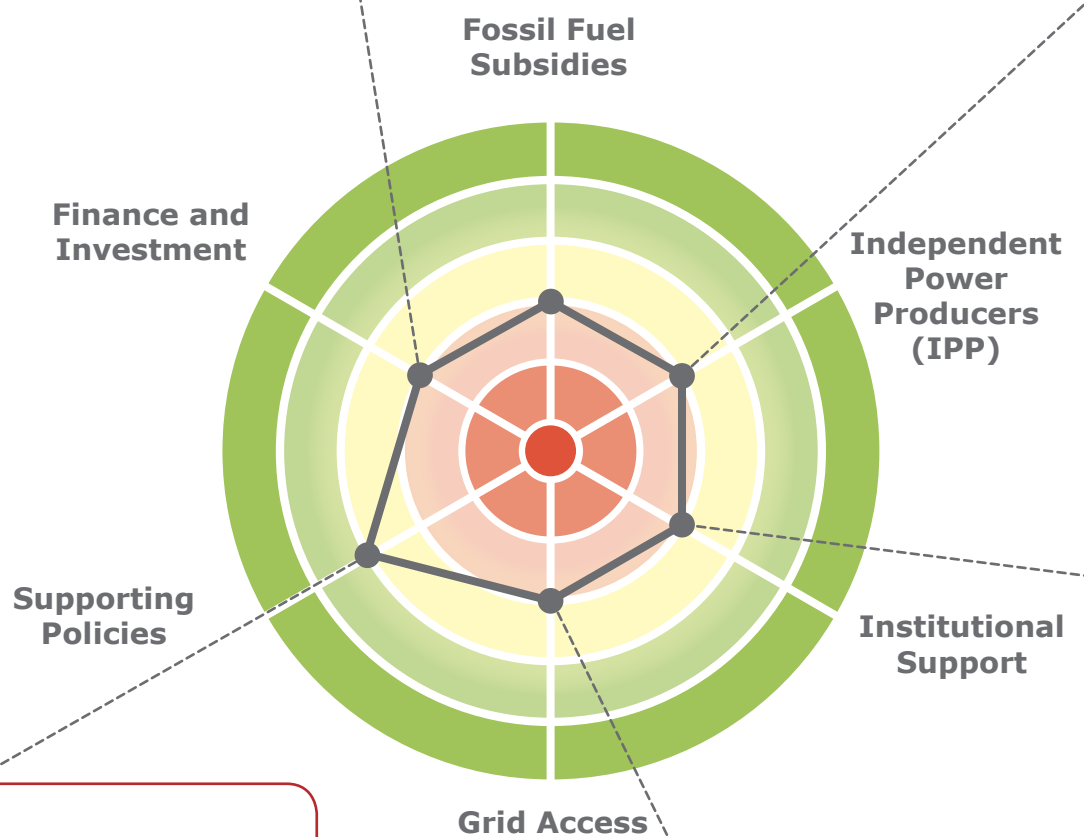
■ Fossil fuel ■ RE ■ Wind ■ PV ■ CSP ■ Hydro

	Wind	PV	CSP	Hydro	Total RE	Total all Energy
MW	0	0	25	228	253	11390

	Wind	PV	CSP	Total	Target Date
MW	10	6	25	41	2013
MW	50	182	325	557	2015
MW	270	831	1500	2601	2020
MW	2000	2800	7200	12000	2030

Finance and Investment

- RE fund has been established by executive decree No. 11-423 (December 2011).
- No policy of providing financial guarantee to private investors to ensure payment under power purchase agreement.
- No customs duty or internal tax benefits for renewable energy projects.



Supporting Policies

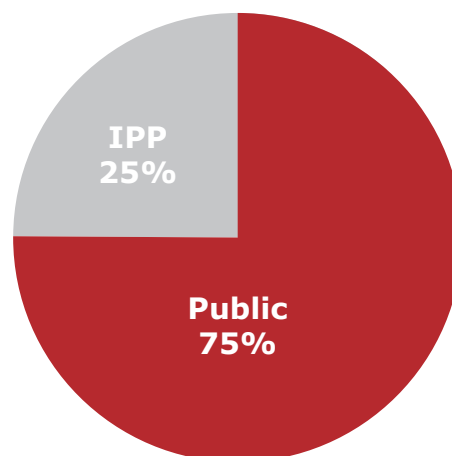
- Public competitive bidding for large scale private RE projects.
- Law No 02-01 on electricity and distribution of gas (2002) ensures the purchase of energy from renewable sources.
- Feed-in Tariffs adopted by law No. 02-01 (2002);
- Decree No. 04-92 on the diversification of power generating costs (2004) but remain not operational.
- No net-metering policy for small scale RE projects.

Grid Access

- Priority access to RE is granted by executive decree No. 06-428 of 26 November 2006, executive decree No. 06-429 of 26 November 2006, and the order of 21/02/2008.
- Renewable energy grid code is under preparation.
- No detailed grid map for designated renewable energy sites.

Independent Power Producers (IPP)

- Law No 02-01 (2002) on electricity and distribution of gas authorizes private generation of power from RE. Today total generation capacity of conventional electricity by IPPs constitutes 2886 MW.
- No IPPs producing RE exist yet.
- Self-production (auto-producers) of power from RE is permitted by the same law; however there is still no decree specifying the conditions of sale of excess electricity to the grid. The decree is under preparation.
- No RE auto-producers exist in practice.



Institutional Support

- The New Energy of Algeria (NEAL) is responsible for promoting and supporting RE.
- No detailed wind atlas is published.
- Land for large-scale wind projects is not yet allocated for private development.
- Land for large-scale solar projects is not allocated yet for private development.
- Detailed solar atlas is published. Based on this atlas the following areas have been identified for the deployment of large-scale solar projects.

Specific Sites Identified	Site Specific Measurements
Tammanraset	2660 kWh/m ²
Algiers	2000 kWh/m ²
Djanet	2620 kWh/m ²
Ghardala	2560 kWh/m ²

Grid Interconnections

Country	Length (km)	Voltage (KV)	Capacity (MW)	Status
Tunisia	35.5	90	74	In operation
	60	90	63	In operation
	65	150	14	In operation
	60	225	217	In operation
	160	400	961	Under construction
Morocco	49	225	235	In operation
	67	225	235	In operation
	230	400	2400	In operation

Projects

Wind	CSP	Geothermal
In Operation		
	Project: SPP I Hassi Rmel Capacity: 25 MW Developer: Public (NEAL) In operation since: 2011	
Under Construction		
Project: Kabertene Wind Farm - Adrar city Capacity: 10.2 MW Developer: SONELGAZ		Project: Geothermal Capacity: 5 MW Developer: Public
In Pipeline		
Project: Khenchela Capacity: 20 MW Developer: Public Project: Naama Capacity: 20 MW Developer: Public Project: Undefined Capacity: 170 MW	Project: SPP II Meghair Capacity: 80 MW Project: SPP III Naama Capacity: 70 MW Project: SPP IV Hassi Rmel Capacity: 70 MW Project: El Oued Project Capacity: 150 MW	
Projects Percentage of Total Capacity		
4.6%	95.4%	6.3%
	93.7%	100%

■ In Operation
 ■ Under Construction
 ■ In Pipeline

Featured Partner



Contributors

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