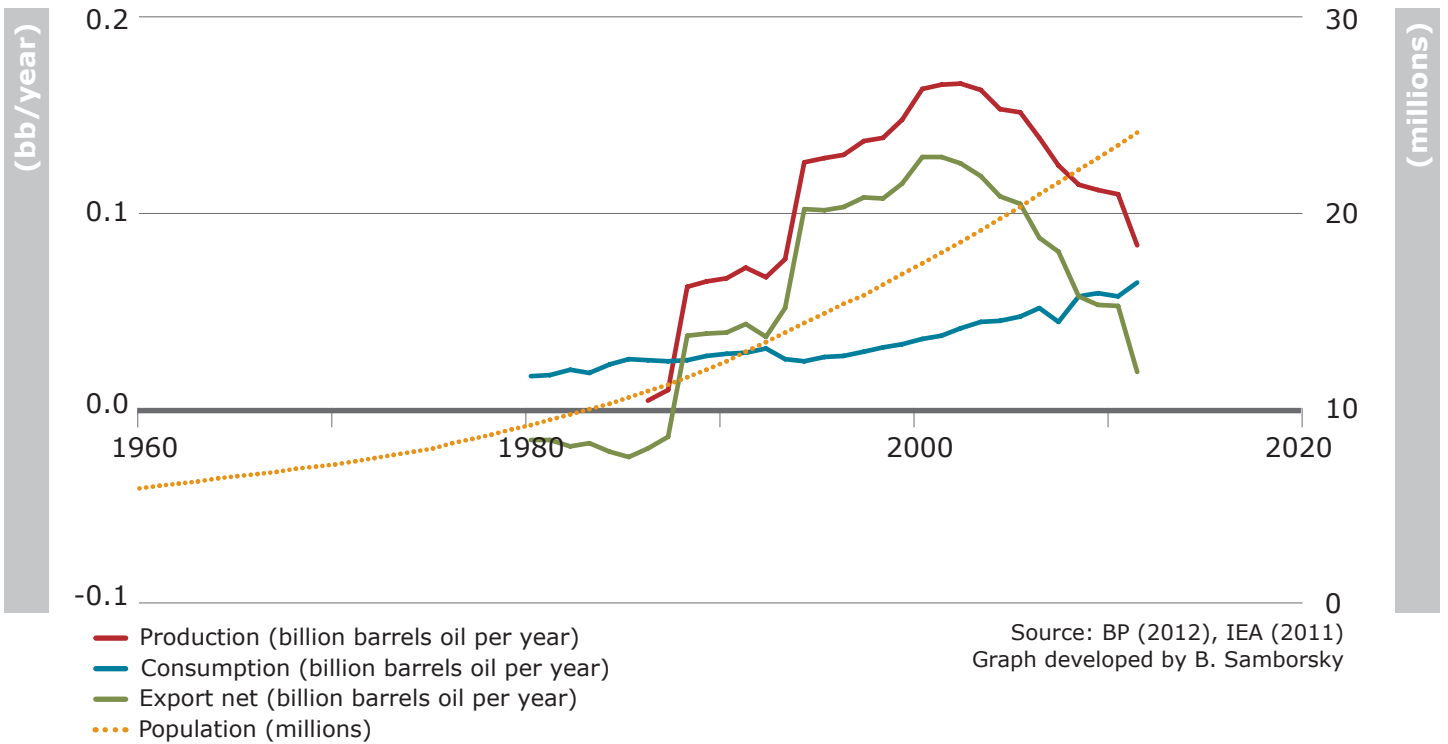


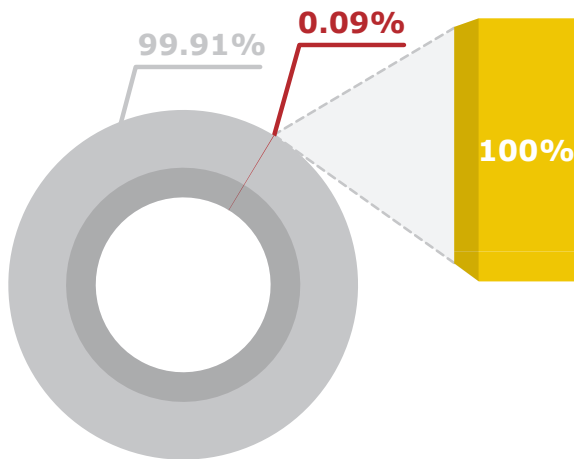


## Renewable Energy Country Profile

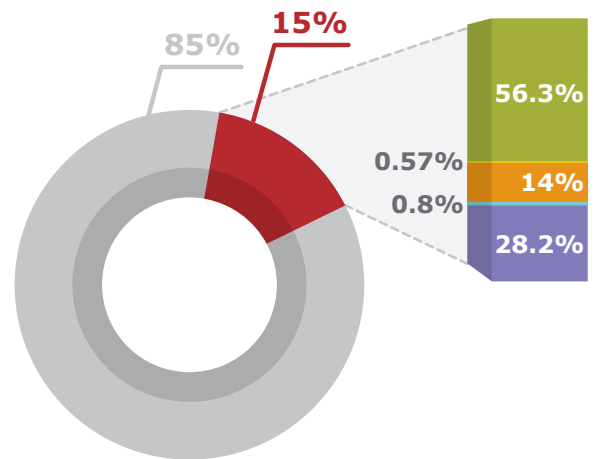
### Energy Supply and Demand – Current Trends



### Current Installed Capacity



### RE Targets - Year 2025



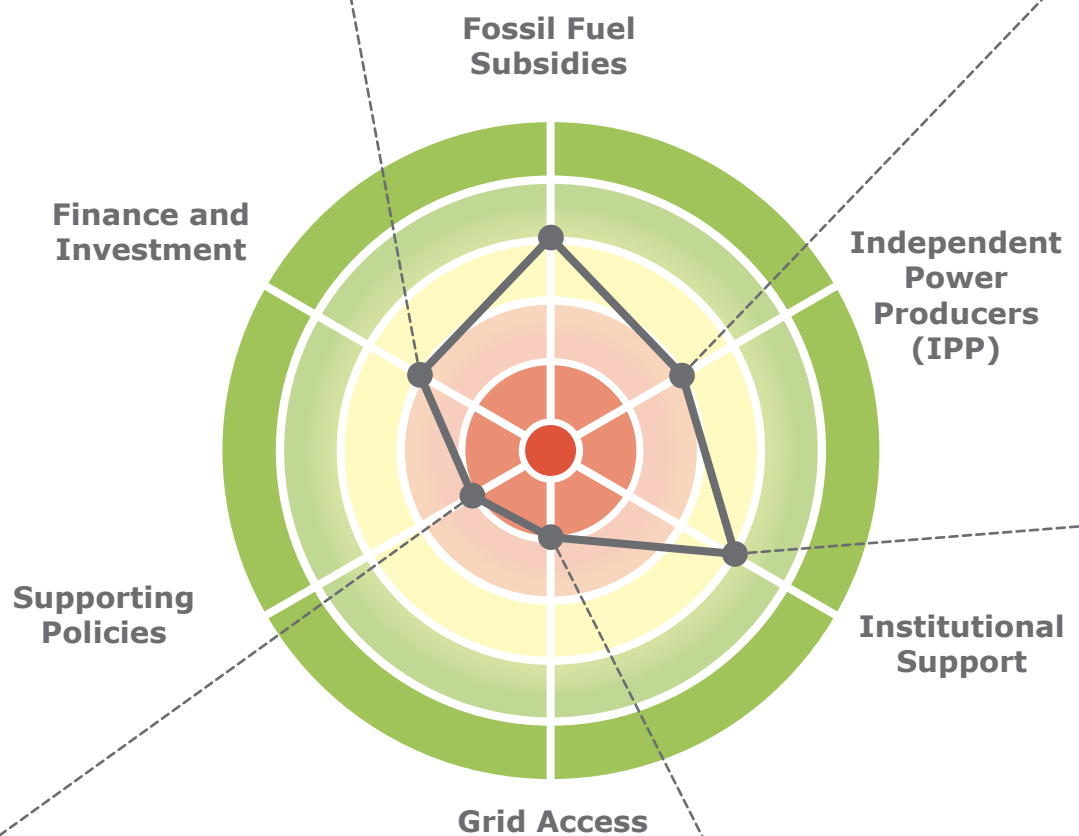
■ Fossil fuel ■ RE ■ Wind ■ PV ■ Biomass ■ CSP ■ Hydro ■ Geothermal

	Wind	PV	CSP	Hydro	Total RE	Total all Energy
MW	0	1.5	0	0	1.5	1521.5

RE Targets (MW Installed Capacity)						
Wind	PV	CSP	Biomass	Geothermal	Total	Target Date
400	4	100	6	200	710	2025

## Finance and Investment

- No RE fund is established for financing RE projects yet. Currently, a draft resolution on RE fund prepared by the Ministry of Electricity and Energy is under consideration by the cabinet for the final approval.
- No policy of providing financial guarantee to private investors to ensure payment under power purchase agreement.
- Generally, RE projects do not enjoy customs duty exemptions or internal tax privileges; however in some cases the government of Yemen provides customs duty exemption to RE projects.



## Supporting Policies

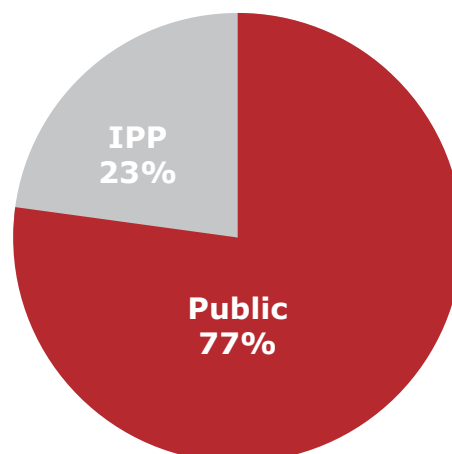
- Public competitive bidding process for private development of large-scale RE projects exists.
- No obligation to conclude long-term power purchase agreements with RE producers.
- No Feed-in Tariffs.
- No net-metering policy for small-scale RE projects.

## Grid Access

- No priority access to RE is granted by law.
- No grid code for RE is developed.
- No detailed grid map for designated renewable energy sites.

## Independent Power Producers (IPP)

- Private power generation was authorized in Yemen in 2009 with the adoption of electricity law No 1. Today, total generation capacity of conventional electricity by IPPs constitutes 450MW.
- No IPPs producing RE exist.
- Currently, Yemen's legal framework does not allow private self-generation of RE (auto-producers) with the possibility of feeding surplus electricity to the grid.
- No RE auto-producers in practice.



## Institutional Support

- In 2002, the Renewable Energy Department under the Ministry of Electricity and Energy (MEE) was established with the goal of promoting and supporting RE projects in Yemen. In 2009, the department was extended and reorganized into two departments: Solar Energy, and Wind Energy.
- Yemen has published a wind map based on satellite data, but no detailed wind atlas is developed yet.
- For public and private wind projects, land has been identified only in Al-Moccha project. For other private projects, land has not been identified or allocated yet.
- No detailed solar atlas published exists.
- Land for large-scale solar projects is not allocated for private development.

## Projects

Wind	PV	Geothermal
<b>In Operation</b>		
	<p>Project: Sheikh Salem PV project for lighting Capacity: 3.25 kWp Developer: Public In operation since: 2003</p> <p>Project: Matlaresh PV Project for lighting Capacity: 3.2 kWp Developer: Public In operation since: 2005</p> <p>Project: Mahmeyet Araf PV for lighting Capacity: 10 kWp In operation since: 2010</p> <p>Project: Hessn Haleed PV for lighting Capacity: 3.85 kWp Developer: Public In operation since: 2009</p> <p>Project: Qaawa Village PV electrification Capacity: 5.6 kWp Developer: Public In operation since: 2009</p> <p>Project: Saqatra Island PV for lighting Capacity: 12 KW Developer: Public In operation since: February, 2013</p>	
<b>Under Construction</b>		
	<p>Project: Wehda Hospital PV for lighting Capacity: 0.48MW Developer: Public Commissioning date: 2014</p>	
<b>In Pipeline</b>		
<p>Project: Moccha wind farm-1 Capacity: 60 MW Developer: Public</p> <p>Project: Moccha wind farm-2 Capacity: 60 MW Developer: Private</p>	<p>Project: Saqatra Island PV for lighting Capacity: 1 MW Developer: Public</p> <p>Project: 20,000 Home lighting PV project Capacity: 4 MW Developer: Public</p>	<p>Project: Themar geothermal project Capacity: 1 MW Developer: Public</p>
<b>Projects Percentage of Total Capacity</b>		
100%	21.5% 6.9%	71.6% 100%

■ In Operation   
 ■ Under Construction   
 ■ In Pipeline

### Contributors

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