

World Energy Outlook 2016

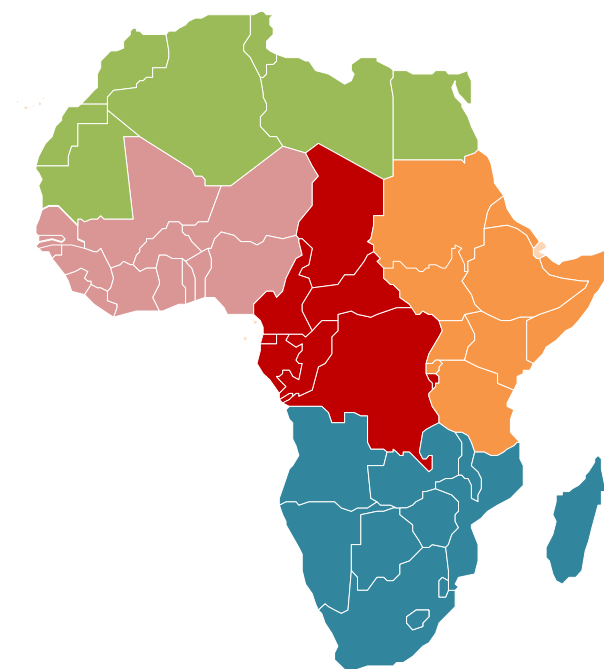
Insights on Africa

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A continent poor in energy supply

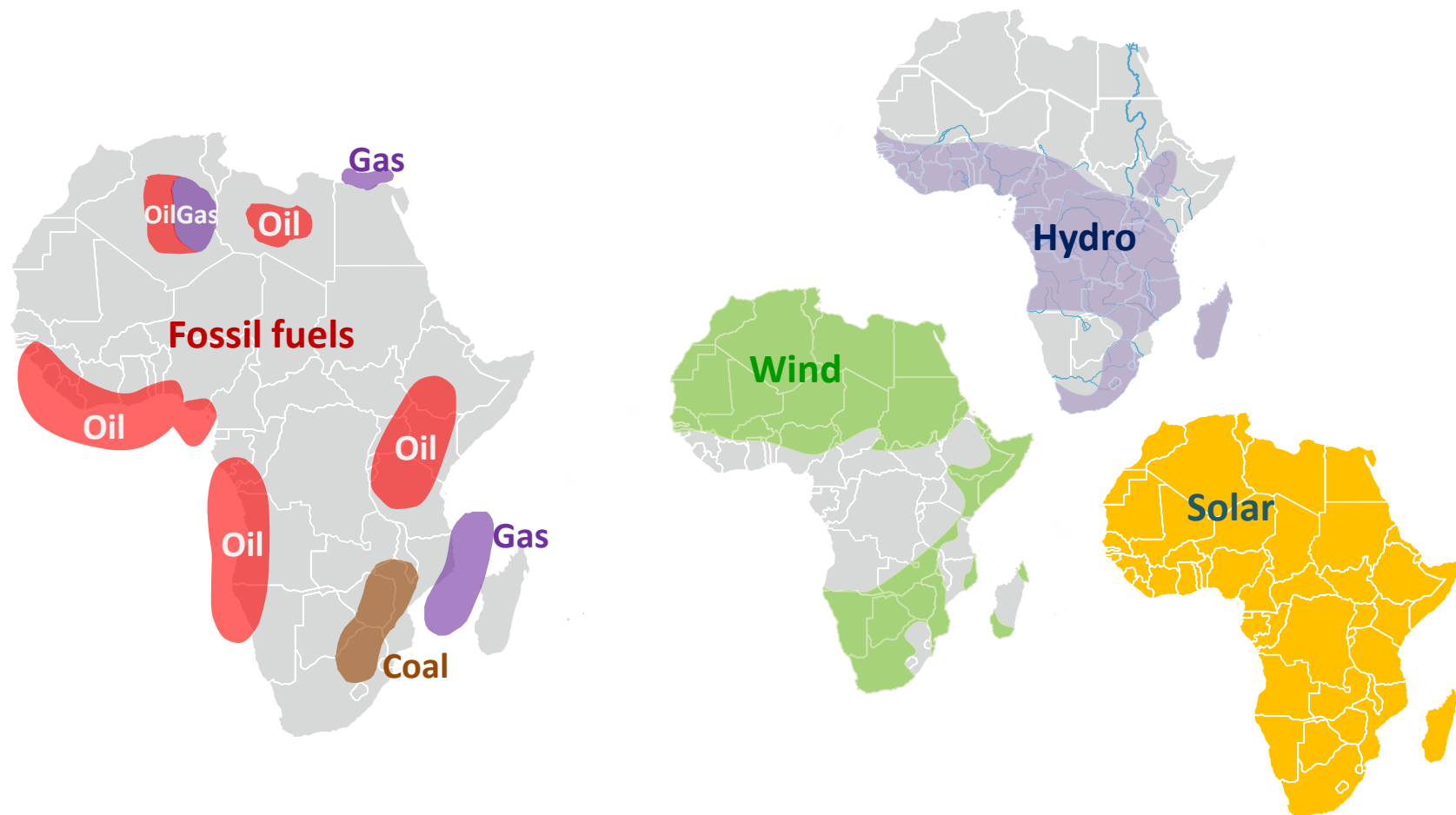
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	Electricity access	Clean cooking access	Mortality rate from indoor air pollution
	2014	2014	Deaths per 100,000 capita, 2012
North	98%	98%	3
West	42%	18%	73
Central	33%	15%	199
East	25%	10%	44
Southern	46%	40%	49



Energy poverty remains a fundamental barrier to human and economic development

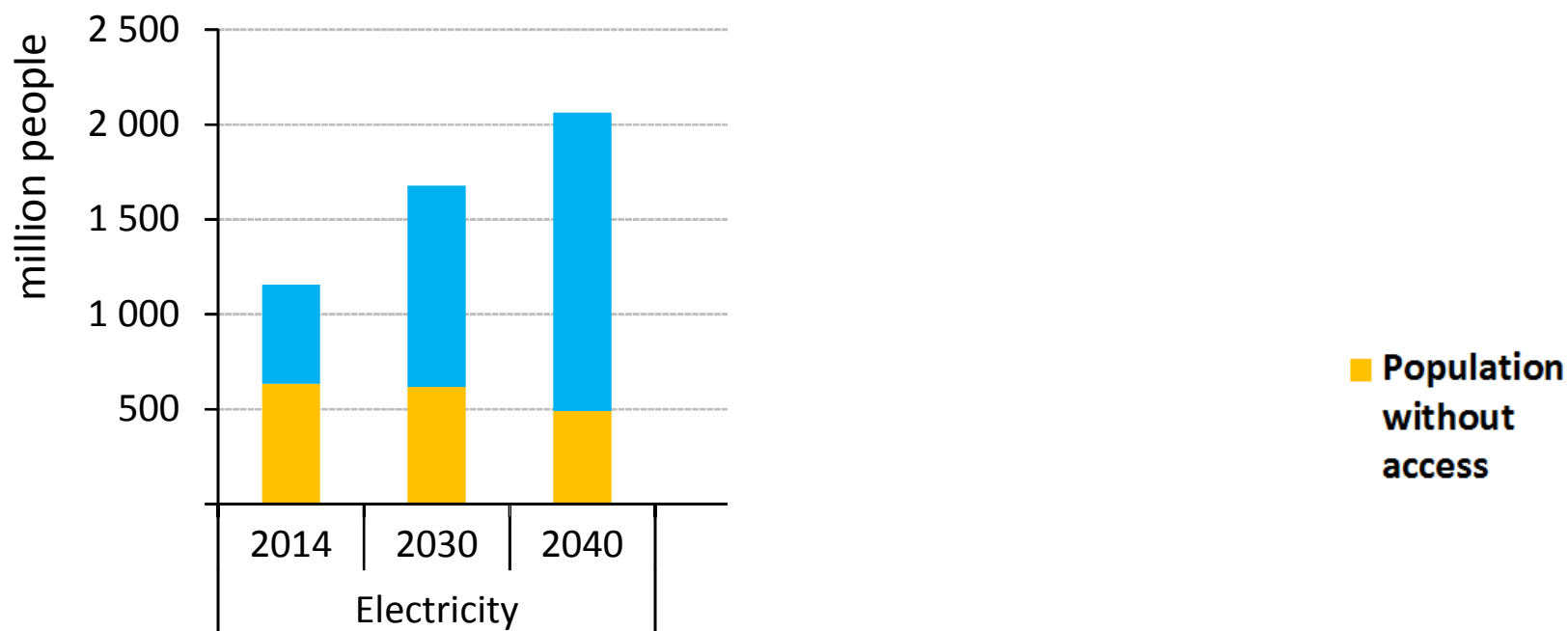
... but rich in resources



*In recent years, there have been major oil & gas discoveries in Africa;
the region has vast untapped renewables potential*

The outlook for access is bittersweet

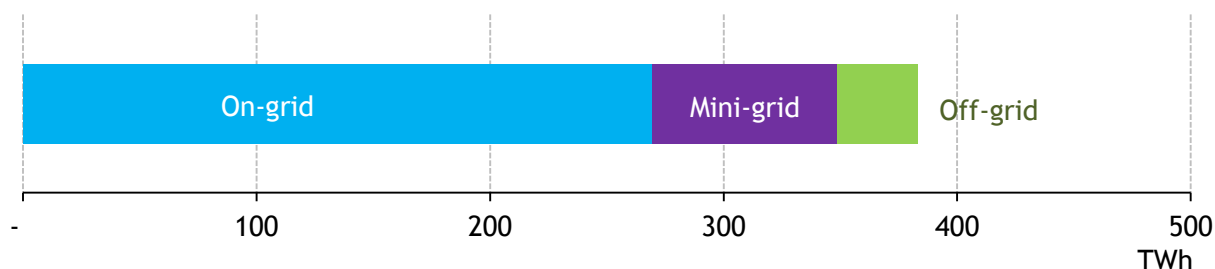
Access to modern energy in Africa



Hundreds of millions remain without access in 2040, despite growing momentum and the population with electricity tripling

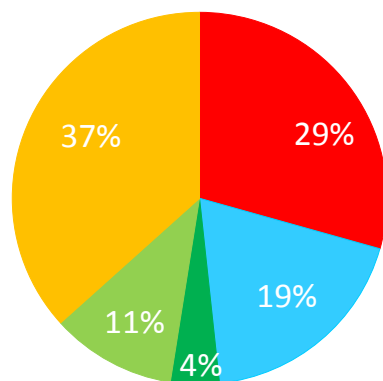
Achieving universal electricity access

Africa electricity generation for achieving universal access to electricity, 2040

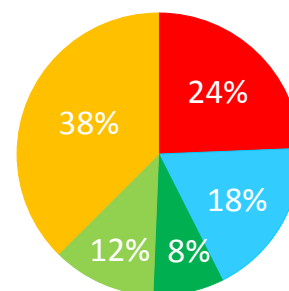


Mini-grid: 79 TWh

Off-grid: 35 TWh



■ Oil
■ Hydro
■ Biomass
■ Wind
■ Solar PV



The path to power will vary across and within African countries and renewables can play a major part in the solution

In conclusion

- Energy is a cornerstone of sub-Saharan strategies for development and economic growth
- Energy reforms in progress and market activity increasing, but still a long way to go; partnerships with other governments, companies and civil society can pay big dividends
- Africa is not yet on track to achieving SDG7, but signs of increasing momentum are encouraging
- The shortest route to power is a combination of regional and national level grid projects, and local mini- and off- grid projects
- *WEO-2017* will have a special focus on energy and development