



# **Zimbabwe Energy Projects Spotlight**

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# Outline

1. Electricity Generation Mix
2. Energy compact targets
3. Fuel Sector Opportunities



# ELECTRICITY GENERATION MIX

	Source	Installed Capacity (MW)
RE	Kariba	1050
	GZ, NRE and other Mini hydros	40.5
	IPP Solar PV Systems	36.4
	Captive RE Power Plants	157.7
	<b>Net-metering</b>	<b>63</b>
	<b>Sub-total</b>	<b>1347.6 (42%)</b>
Non-RE	Hwange	1590
	ZZEE	40
	Captive Thermal Power Plants	220
	<b>Sub-total</b>	<b>1850 (58%)</b>
<b>Total</b>		<b>3,197.6</b>

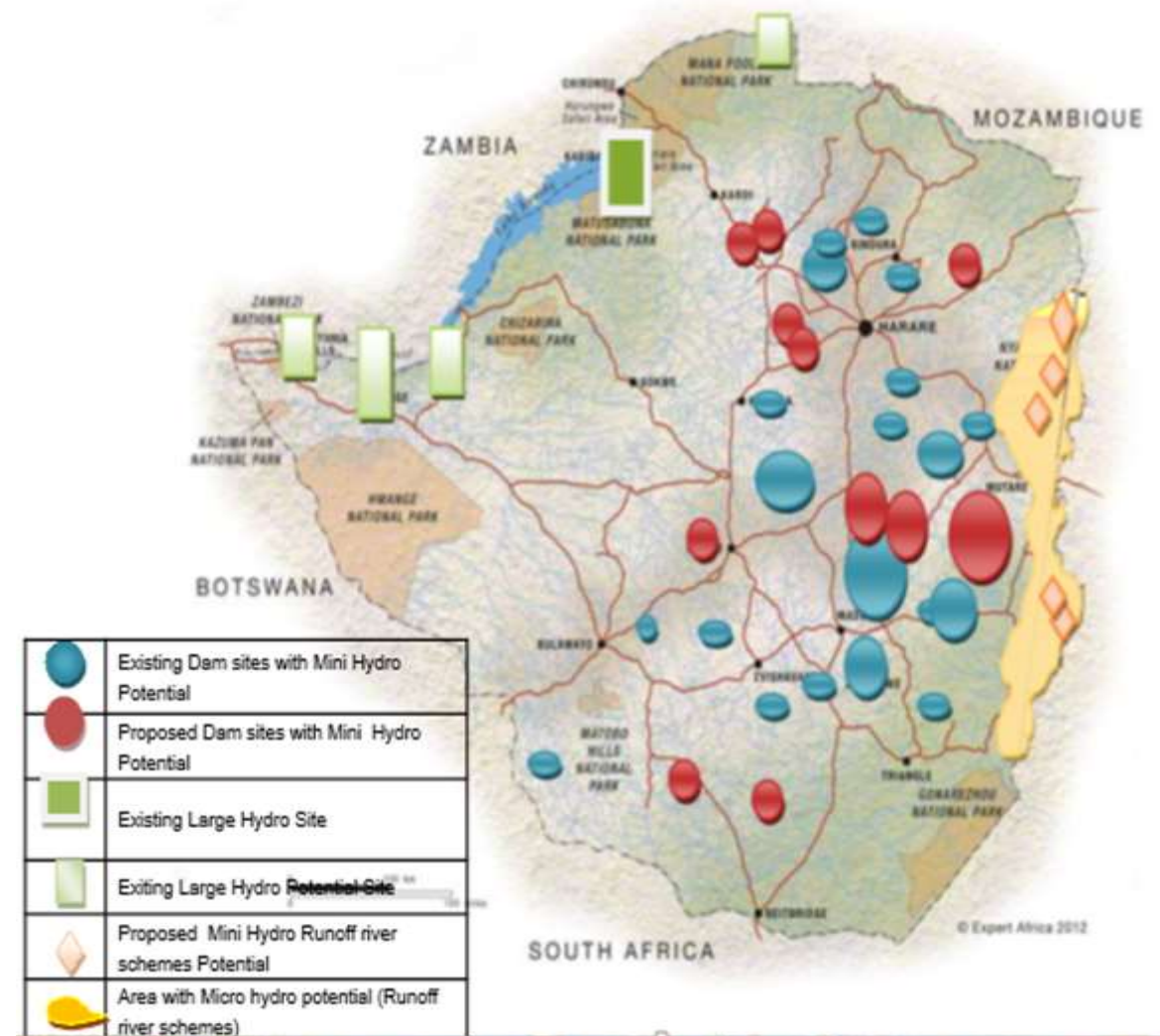
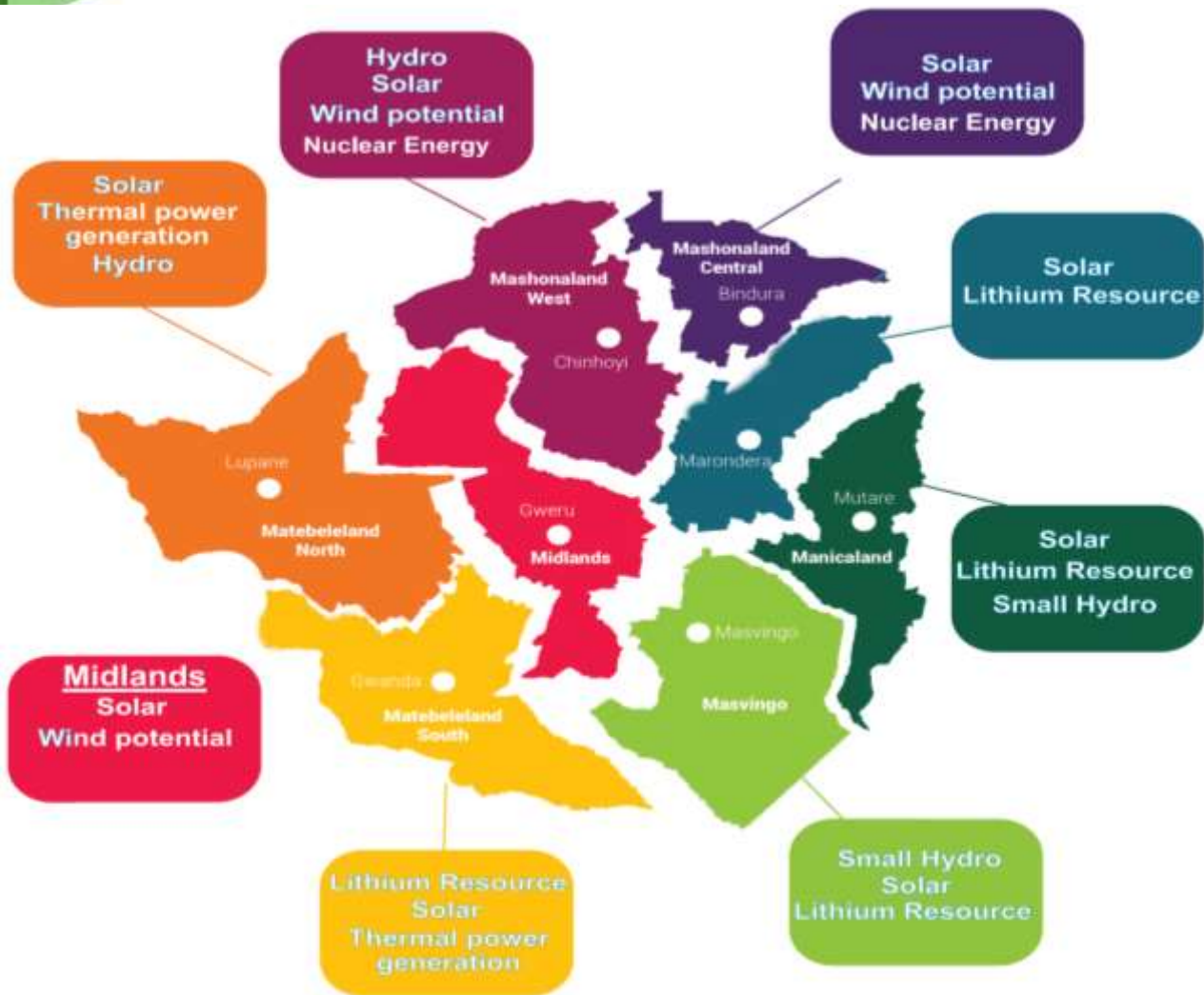


# Generation Power Projects

	TOTAL		OPERATIONAL PROJECTS		PROJECTS UNDER CONSTRUCTION		PREPARATION STAGE PROJECTS	
	<i>Number</i>	<i>Capacity in MW</i>	<i>Number</i>	<i>Capacity in MW</i>	<i>Number</i>	<i>Capacity in MW</i>	<i>Number</i>	<i>Capacity in MW</i>
Own Use	81	1907.41	52	281.89	18	190.52	11	1435.00
Commercial and Industrial (C&I)	25	1323.24	7	70.50	6	120.62	12	1132.12
Grid Projects	89	4865.27	17	77.73	7	70.37	65	4717.171
Total	195	8095.92	76	430.12	31	381.51	88	7284.291



# ENERGY RESOURCE MAP



# Energy Compact – Key Targets

**Electricity Access:** To achieve 100% household access to electricity by 2030, with 320,000 on-grid and 200,000 off-grid new connections annually between 2025 and 2030.

**Clean Cooking:** To raise access to clean cooking solutions from 38.6% to 70% by 2030. Reducing firewood and charcoal reliance by 50% and ensuring that 80% of new buildings incorporate clean cooking infrastructure.

**Renewable Energy:** To increase renewable capacity from 320 MW (2025) to 1,430 MW by 2030. Resultantly raising non-hydro renewables from 6% to 27% of the energy mix.

**Private sector Participation:** participate in the distribution and retail markets of electricity

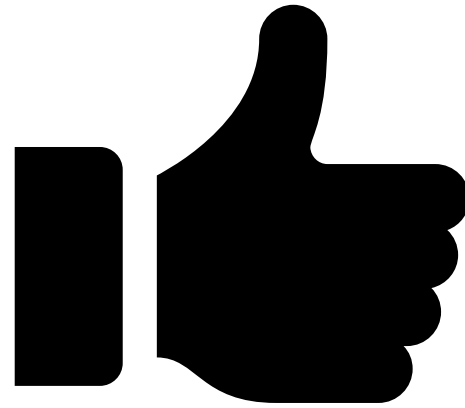


# Fuel Sector

- Potential to be a regional hub for fuel distribution [refinery, pipeline, bulk storage]
- Coal or CBM - potential for gas to liquid fuel production, Gas power stations
- Production of fuels from waste including used oils, plastic waste and old tyres.
- Autogas conversions for vehicles - From petrol to LPG fuel.
- Piped gas installations with smart meters.
- Investors may set up various infrastructures as importers, wholesaler, retailers or manufacturers and revalidation of cylinders.



# THANK YOU



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