



# RE & NDC TARGETS

THE SAINT LUCIA APPROACH

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## The Pledge

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St. Lucia's NDC pledges to reduce greenhouse gases (GHGs) by 16% by 2025 and 23% by 2030 , reductions of 634 and 628 kilo-tons (or Gg) of CO2 equivalent below projected 'business as usual' levels in those years.



## St. Lucia's mitigation plan

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- Expanding the share of renewable power generation
- Improving energy efficiency
- Promoting fuel-efficient vehicles
- Other measures such as improving power grid efficiency and expanding public transport

# Financial Requirements



	2025	2030
Total cumulative investment costs	US\$ 183 million	<b>US\$ 218 million</b>
Government programme costs	US\$ 19 million	<b>US\$ 23 million</b>

All at 2015 prices



## St. Lucia's mitigation plan

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- Expanding the share of renewable power generation





**35% Renewable  
Energy Penetration by  
2025**

**50% Renewable  
Energy Penetration by  
2030**

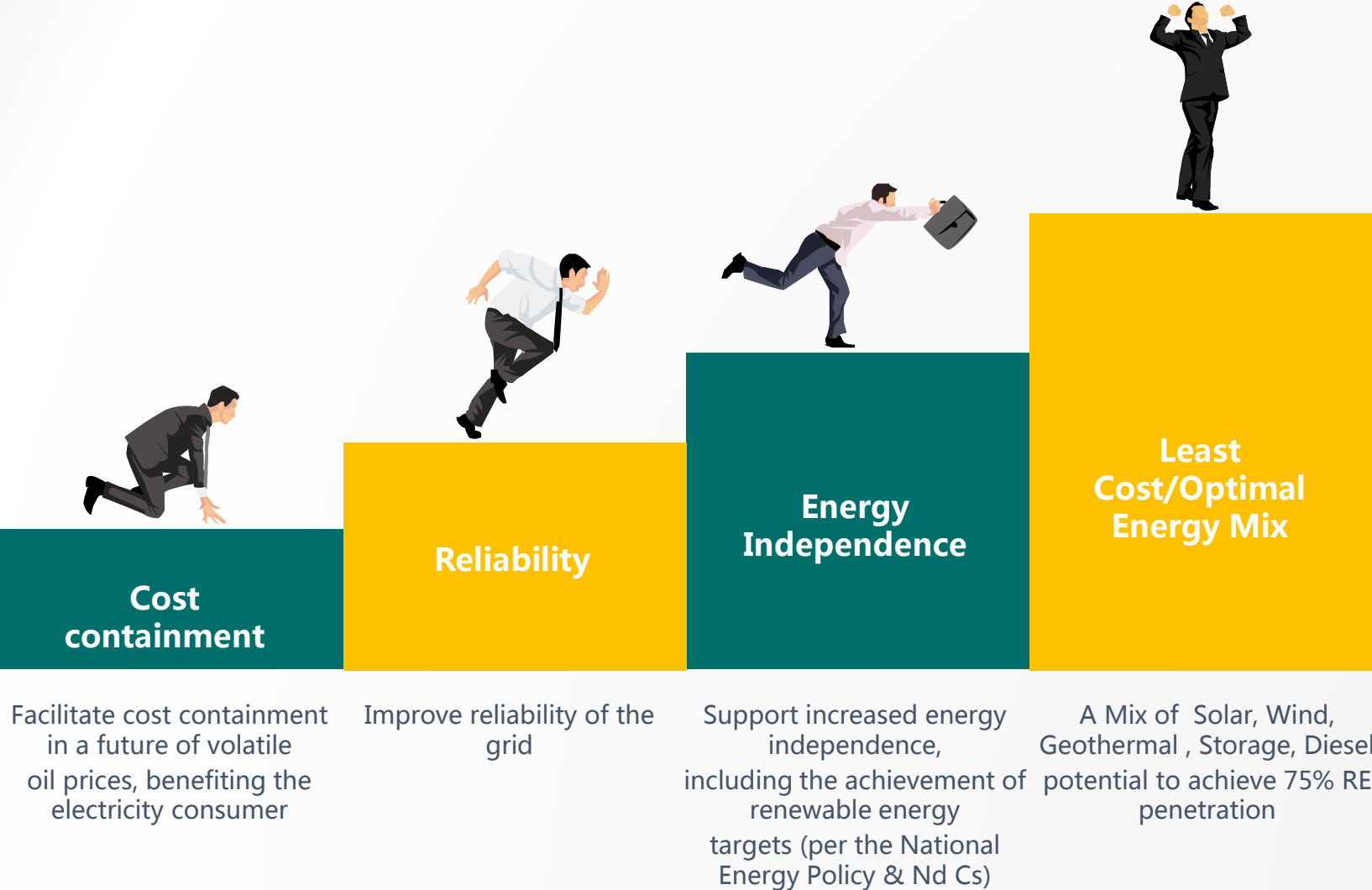
# The Strategy

participatory process, involving all key stakeholders to align around clear and unifying goals.





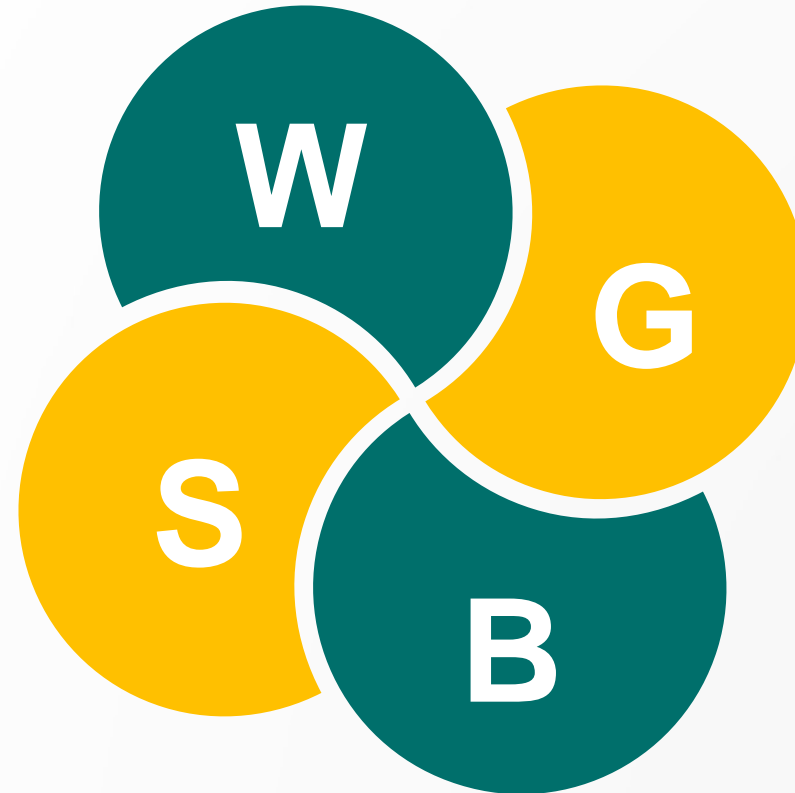
# The Strategy



# 75% Penetration

**Wind**  
12 MW

**Solar**  
23 MW



**Geothermal**  
30 MW

**Battery Storage**  
19 MW

## Key Questions Answered



- How much can new technologies such as solar photovoltaics or geothermal energy generation stabilize and reduce costs, while advancing Saint Lucia's goals to reduce greenhouse gas emissions?
- Do certain levels of new technologies threaten grid stability, and if so, how can these constraints be overcome?
- How can participation from the private sector support national objectives?



# Implementation challenges



## Governance

- Policy support
- Concessions



## MRV

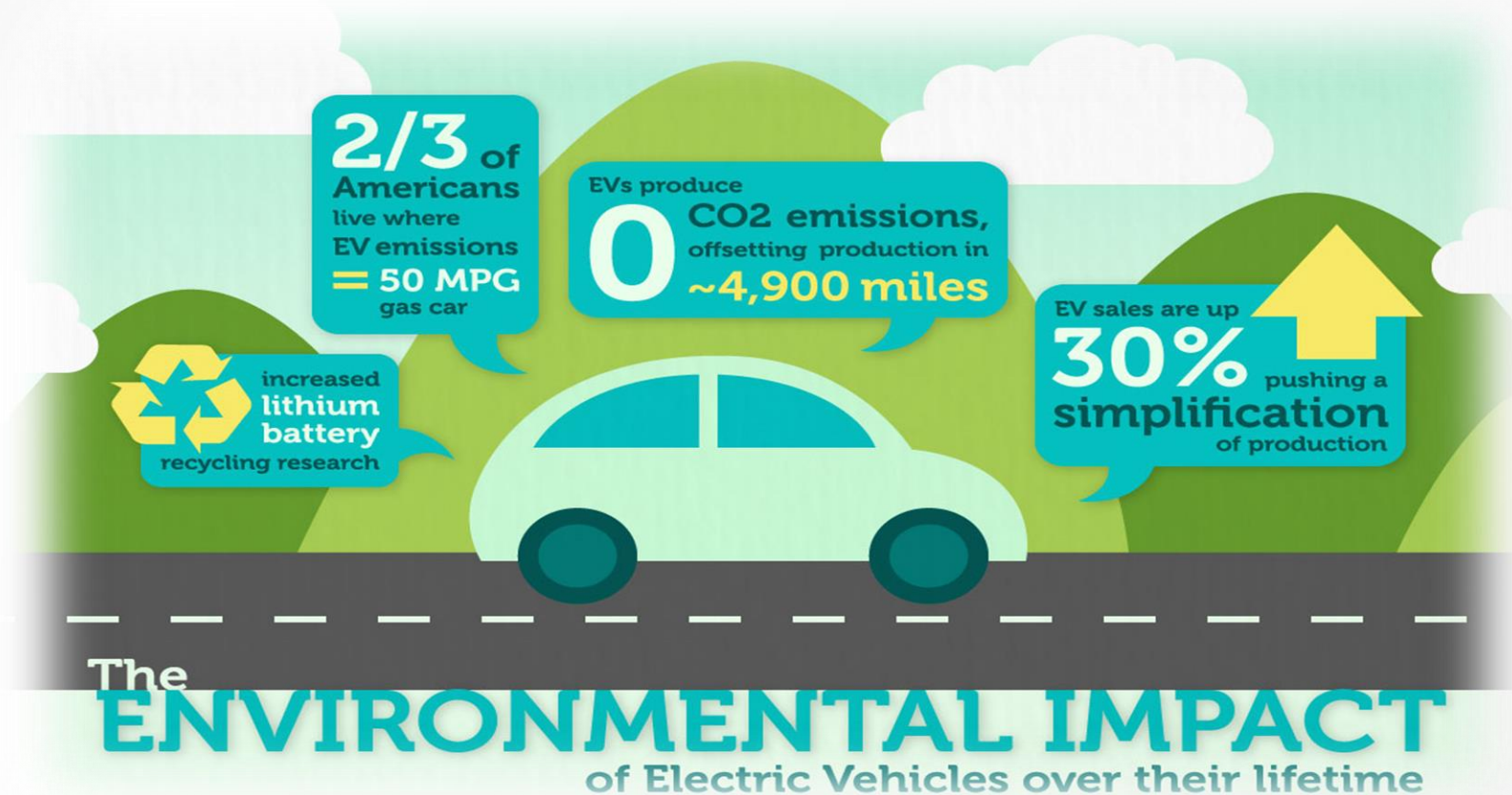
- Capacity



## Finance

- National Budget
- External support

## Re & Transport







A close-up photograph of two hands shaking in a firm grip. The hands are positioned centrally, with the fingers interlocked. The background is a warm, reddish-brown gradient. A semi-transparent teal banner is overlaid across the middle of the image, containing the text "THANKS FOR YOUR ATTENTION" in white, uppercase, sans-serif font.

THANKS FOR YOUR ATTENTION