GEORGIA'S LT LEDS

4/07/2023



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LT LEDS OBJECTIVE

Establishing the vision for low-emission development by 2050 and creating an environment for carbon neutrality





INTERNATIONAL CONTEST AND OBLIGATION

Paris Agreement



EU-Georgia AA EnC



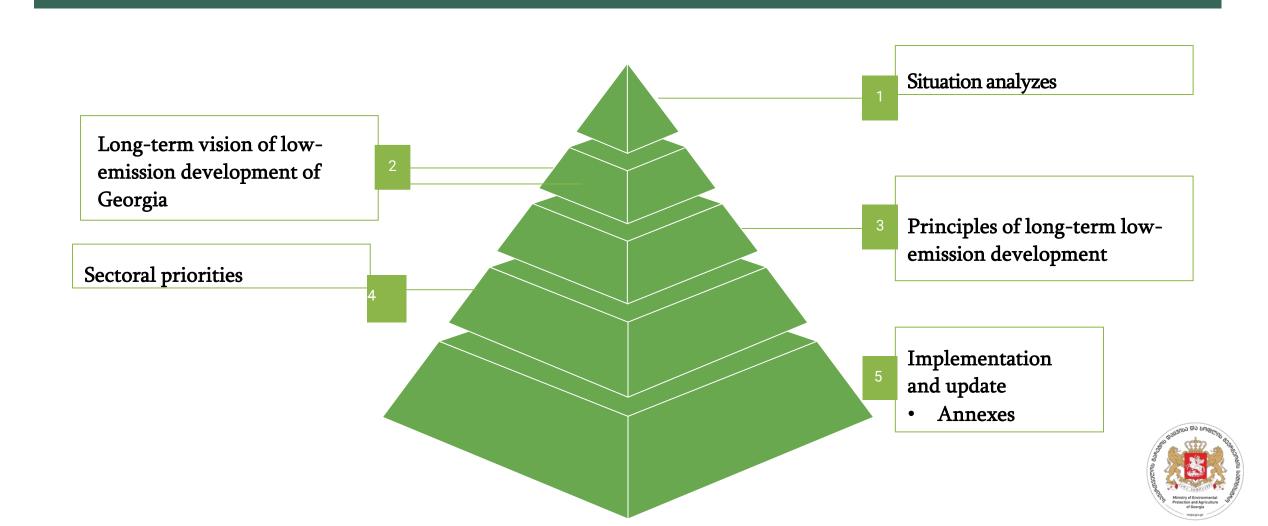


ABOUT THE DOCUMENT

- ➤ Document Type: Concept
- ➤ Base year: 2016 (with data available in 2017-2020)
- > Time scales: 2020-2050, key milestones: 2030, 2040
- > Approach: pessimistic and optimistic
- > Scenarios: WOM (basic), WEM, WAM
- ➤ Main drivers of forecasts: population (P+T), GDP, sector drivers



LT-LEDS STRUCTURE



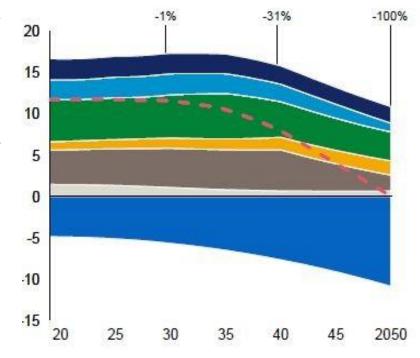
CARBON NEUTRALITY

Climate neutrality can only be achieved through additional policies and measures.

This means:

- Technological rearmament in all sectors.
- Introducing new policy measures/regulations that promote carbon neutrality
- Additional financial resources to finance additional measures
- Allocate appropriate time for performance

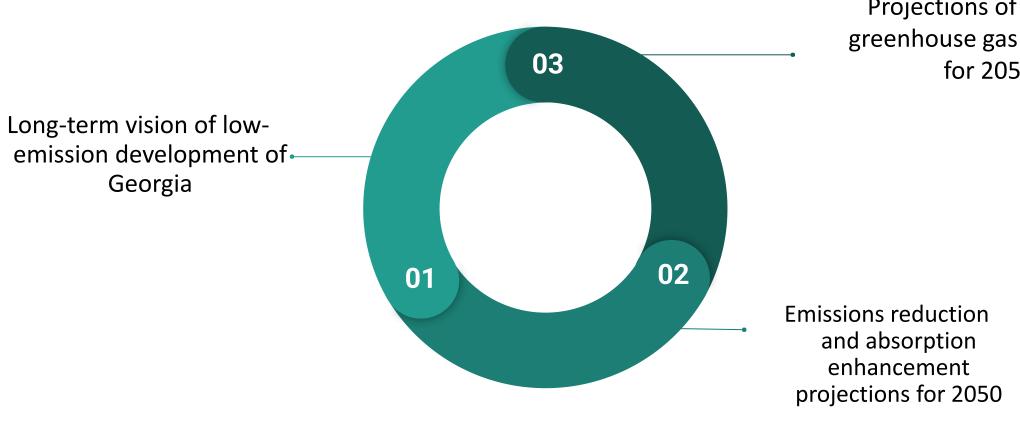




	vs. 2019 (%)	
Sector	2030	2050
Agriculture	-12%	-21%
Buildings	-11%	-55%
Industry	-16%	-32%
Power ¹	+50%	+70%
Transport	+19%	-54%
Waste	-54%	-56%
LULUCF ²	+58%	+124%



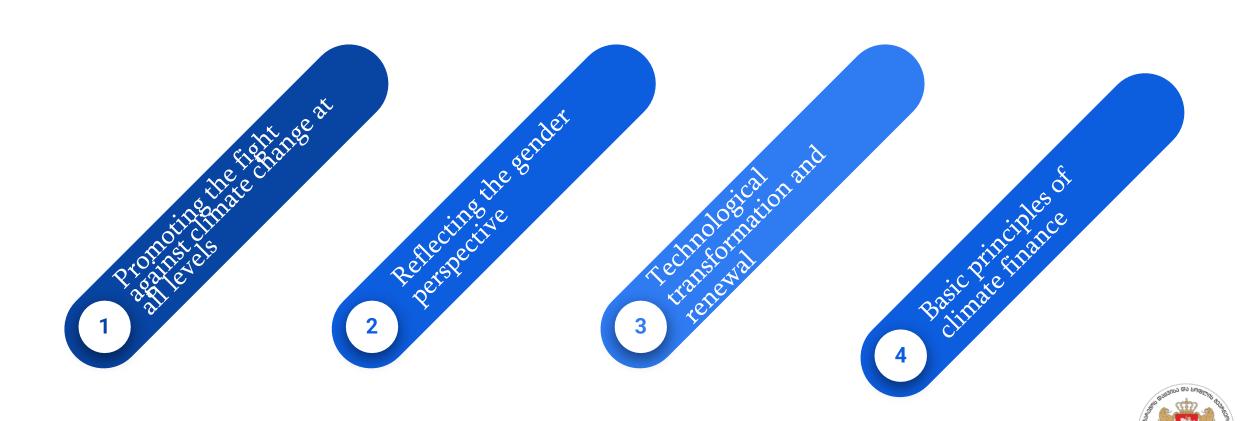
LONG TERM LOW EMISSION DEVELOPMENT OF **GEORGIA**



Projections of national greenhouse gas emissions for 2050



PRINCIPLES OF LONG-TERM LOW-EMISSION DEVELOPMENT



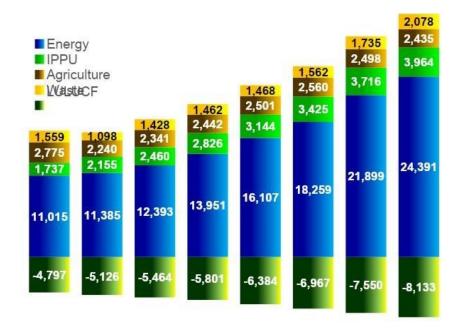
IMPLEMENTATION

MRV Finance roadmap Coordination



CONSISTENCY WITH OTHER POLICY DOCUMENTS

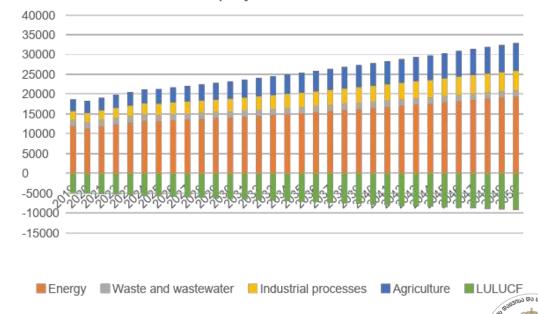
LT LEDS WeM optimistic



total (excl LULUCF)	32,868
total (incl LULUCF)	24,736

NECP WEM

GHG emission projections - NECP scenario



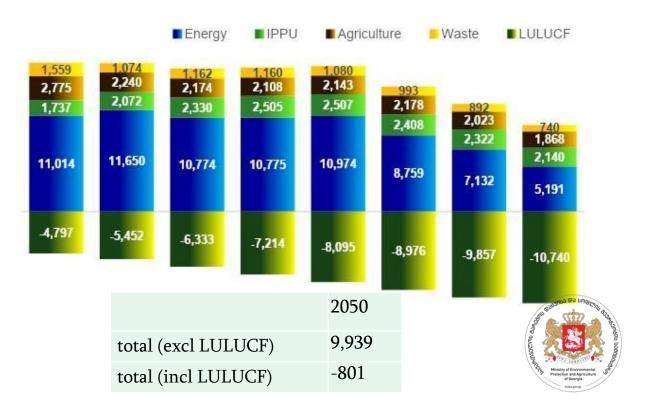
total (excl LULUCF)	32,895
total (incl LULUCF)	23,631

SCENARIOS WITH ADDITIONAL MEASURES

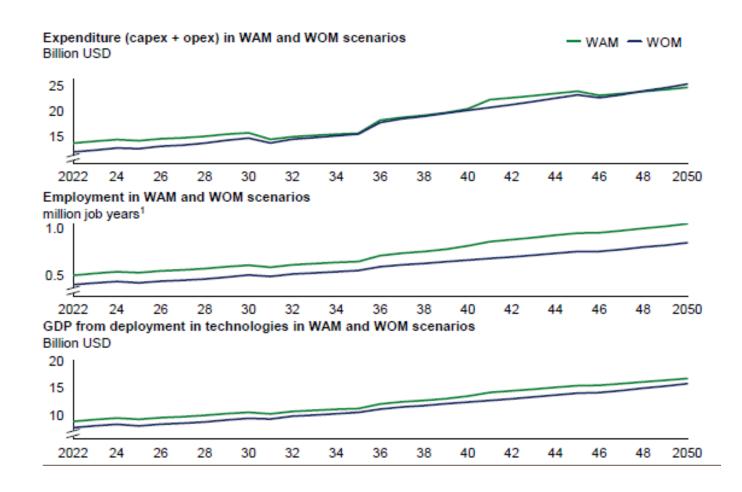
WaM optimistic

■ Energy **■**IPPU ■ Agriculture ■ Waste **■** LULUCF 1,518 2,240 2,072 1,035 2,376 2,634 1,559 1,049 2,352 2,547 2,775 1,737 2,296 2,330 1.020 2,400 1,033 2,221 2,693 2,646 2,042 2,622 12,248 11,014 10,736 10,663 11,151 8,802 7,047 4,969 -6,333 -7,214 -8,095 -8,976 -9,857 -10,74 2050 total (excl LULUCF) 10,720 total (incl LULUCF) -20

WaM pessimistic



ECONOMIC ASSESSMENT OF LT LEDS



 Investing in climate change will contribute to the sustainable development of Georgia



THANK YOU

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