

FACT SHEET



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LEBANON'S PATH TO CLIMATE RESILIENCE AND SUSTAINABLE GROWTH

Lebanon is at the forefront of climate change impacts, with rising temperatures, reduced rainfall, extreme weather events, and increased environmental challenges threatening its ecosystems, economy, and communities. To secure a sustainable future, Lebanon has developed two complementary strategies:

National Adaptation Plan (NAP, 2025–2035): Short- to medium-term actions to strengthen resilience to climate risks.

Long-Term Low Emission Development Strategy (LT-LEDS): A roadmap for a low-carbon, climate-resilient economy by 2050.

Together, these plans aim to protect lives, livelihoods, and ecosystems while driving sustainable growth.

Short-Term Targets by 2030 (NAP 2025–2035)



Water: Reduce losses by 20%; upgrade water and wastewater systems.



Agriculture: Install 10,000 ha of drip irrigation; train 5,000 farmers in sustainable practices.



Forestry: Apply agroforestry on 20,000 ha; expand forest cover to 30% by 2035.



Urban Resilience: Upgrade drainage; restore degraded ecosystems; integrate climate risk assessments.



Biodiversity: Expand restoration of terrestrial, coastal, and marine ecosystems; protect vulnerable species.



Public Health: Establish community-based risk reduction programs; scale up One Health early warning systems; train health professionals.



Tourism: Climate-proof major sites; promote eco-tourism.



Disaster Risk Reduction: Update hazard maps; pilot early warning systems.

Long-Term Targets by 2050 (LT-LEDS)



Energy: Reach 4.6 GW renewable capacity; phase out fossil fuels by 2045.



Transport: Electrify 100% of public transport; ensure 90–100% emission-free vehicles.



Water: Ensure 100% wastewater treatment and reuse; secure sustainable supply.



Solid Waste: Fully ban landfilling; achieve 100% material recirculation.



Agriculture: Meet 75% of food demand sustainably; expand agroforestry.



Tourism: Achieve a fully climate-resilient tourism sector by 2045, integrated into low-emission pathways.

Climate Action Impacts

Reducing Vulnerability

- Conserve water and build urban resilience.
- Protect ecosystems and key sectors such as agriculture, health, and tourism.

Boosting Growth & Wellbeing

- Create green jobs in energy, agriculture, and tourism.
- Expand social wellbeing through a resilient, inclusive economy.

Healthier Environment

- Cut air pollution deaths to nearly zero.
- Promote cleaner energy and sustainable land use.

Economic Benefits

- GDP growth: 42–53% higher than business-as-usual.
- Jobs: +28% in sustainable sectors.
- Poverty: 31% lower compared to non-reform scenarios.

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