

CLIMATE CHANGE CRISIS IN THE HIMALAYAS

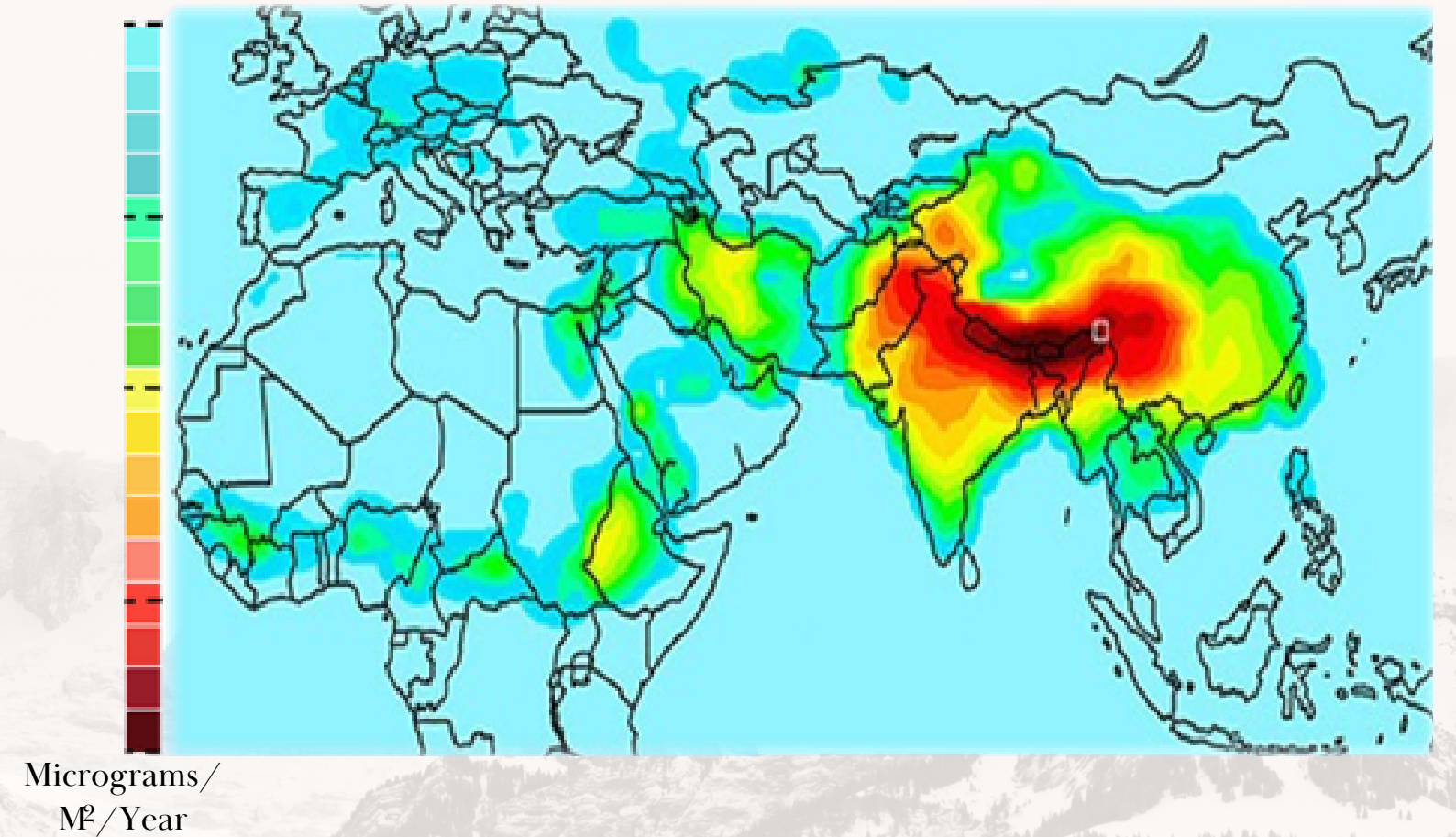
AND HOW TO SOLVE IT

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2025

THE BLACK CARBON CRISIS

- Black Carbon (soot) is the **2nd-largest global warming pollutant** after CO₂, darkening glaciers and increasing heat absorption. Its warming impact is **460–1500 times stronger than CO₂**.
- Everest glaciers are projected to **shrink 39–52% by 2050** and **84–95% by 2100** (Carbon Brief, 2015).
- **1.3 billion** people depend on Himalayan water sources.
- **Nepal, Indian bordering states, and Bangladesh** are downstream regions facing extreme poverty & high climate risk.



The Regional Accumulation of Black Carbon

Source: World Bank, 2016

NEPAL'S ENERGY ROADMAP

CURRENT DEVELOPMENT

7,000 MW under construction
Government Plan: **28,500 MW**
by 2035

FUTURE COMMITMENTS

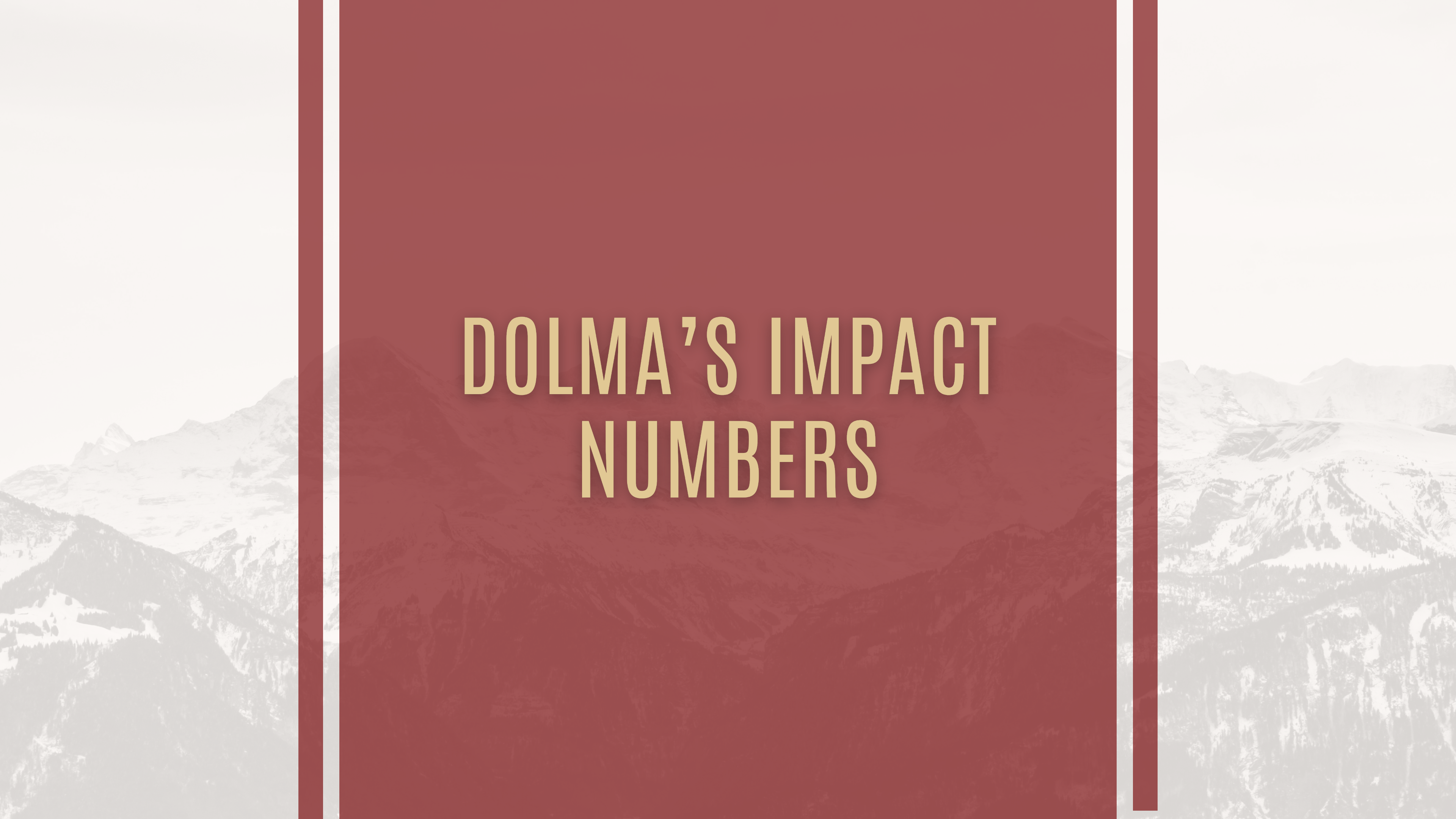
5,000 MW to Bangladesh by 2034
10,000 MW to India by 2034

EXPORTS

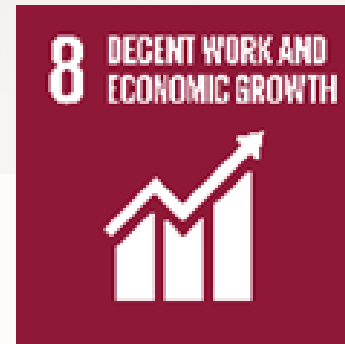
1,000 MW to India (Jan 2025)
40 MW to Bangladesh (1st
multilateral export via India)

FINANCING NEEDS

USD 46.5 billion by 2035



DOLMA'S IMPACT NUMBERS



11670+

Jobs Created



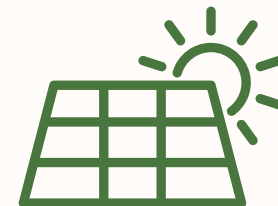
9980+

Youth Employment



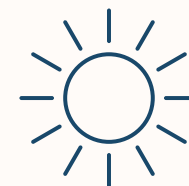
2543

Women Employment



159.5 MW

Renewables Portfolio Capacity



553.72 GwH/Yr

Power Production



849064 Tonnes

GHG Emissions
Avoided Annually



15

Portfolio Companies



US\$ 108.56 Mn

Fund Size

OUR RENEWABLE ENERGY PORTFOLIO & PIPELINE

Dolma Impact Fund

159.5 MW

Green Bond Financing

150 MW

Dolma Climate Fund

800 MW

Total Financed Projects

1,108.5 MW



GREEN BONDS

Overview

Offshore Bond Issuance for financing Nepal's renewable energy projects.

Special Purpose Vehicle (SPV)

Raises funds from investors.

Channels proceeds to Nepal's renewable energy projects.

Investors' Benefits

AA- Fitch-Rated Guarantee Wrap

Masala Bond Structure (issued in offshore Indian Rupees)

Currency Hedging Mechanism

The image features a wide-angle landscape of a mountain range. The mountains are rugged and partially covered in snow, with some evergreen trees visible in the lower elevations. The sky is a pale, clear blue. A large, semi-transparent dark red rectangle is centered over the image, serving as a background for the text. The text 'DOLMA CLIMATE FUND' is written in a bold, uppercase, sans-serif font in a light yellow or gold color. The overall composition is clean and professional, suitable for a corporate or organizational logo or header.

DOLMA CLIMATE FUND

Fund Life	10 to 12 Years
Investment	USD 300 Million
Investment Strategy	Hydropower, Solar, EVs, PV, Hydrogen
Exit Strategy	IPO, PE Buyouts, YieldCo Buyout (India)
Project Scope	Hydropower, On-Grid & C&I Solar (Up to Category A projects as per IFC Performance Standards)
Off - Taker	Nepal Electricity Authority
Contractors	Promoters or External Parties

A grayscale photograph of a mountain range with snow-dusted peaks and dense evergreen forests in the valleys. The text "THE END" is centered over the image in a bold, dark red font. A solid dark red horizontal bar is located at the bottom of the page.

THE END