

ENVIRONMENTAL MANAGEMENT

Strengthening the management of India's natural resources for sustainability and livelihood improvement

Target: 2.5-3 GT CO² equivalent



District-level forest-management plans for increased carbon sequestration, biodiversity conservation, and water flows

support for nationally determined contribution (NDC) 2030 carbon-sink target of 2.5-3 Gt CO² equivalent

Advanced geospatial tools for forest carbon monitoring



Improvement of livelihoods

of poor and marginalized communities (particularly women) through strengthening of natural resource-based value chains

5 renewable energy pilots

large-scale renewable energy (RE) deployment/integration pilots

RENEWABLE ENERGY

Supporting Government of India's goal to install 500 GW RE by 2030

Credit loan guarantees for modern energy services to underserved populations

Installation of solar panels/plants in railway stations and oil refineries



Validation of BESS (battery energy storage systems)

Nationally certified utility engineer training programs

Policy and regulatory support to 10 states on RE deployment

150,000 super-efficient air-conditioning units

48,000 affordable "green" homes (Lucknow Development Authority green housing)

Modernization of India's power grid

Indian Railways net-zero construction initiative

Support of CDRI (Coalition for Disaster Resilient Infrastructure)

10,000+ implementations of national energy-conservation building code

Delivery of climate-resilient services

drinking water and sanitation

Partnerships to promote awareness and behavior change to reduce pollution

Collaboration with CDRI to equip India against and respond to climate-related disasters

Promotion of climate-smart agriculture

INFRASTRUCTURE UPGRADATION AND ADAPTATION

Creating energy efficiencies and infrastructure resilience

