

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

Progress by innovation





UNIDO-GEF COOPERATION GEF-8 Focal Areas

CONTEXT

With the GEF's support, UNIDO will address environmental challenges and promote inclusive and sustainable industrial development. Through UNIDO-GEF projects on biodiversity, chemicals & waste, climate change, international waters, and land degradation, countries will achieve global environmental benefits and pave the way towards a greener, more resilient future.

UNIDO CONTRIBUTION AND STRATEGY

Biodiversity: UNIDO will work with industries to leverage innovation in addressing biodiversity loss caused by productive sectors, promoting industrial and nature-based solutions to foster economic development and nature conservation.

Chemicals and waste: UNIDO will help countries to adopt sound management of chemicals and hazardous waste across a number of sectors, minimizing their adverse effects on health and the environment, and fostering sustainable waste practices.

Climate change: UNIDO will assist countries to mitigate and adapt to cli-

mate change by reducing greenhouse gas emissions, promoting innovative renewable energy technologies, enhancing resilience & transitioning to a low-carbon economy.

International waters: UNIDO will focus on managing transboundary water bodies, to protect marine and freshwater ecosystems and ensure sustainable use of water resources through reduction of untreated effluent discharges.

Land degradation: UNIDO will continue to empower smallholder farmers and agro-processors to combat land degradation and climate vulnerability through integration of sustainable and climate resilient agriculture, land rehabilitation, and land governance practices.

IMPACT

UNIDO's work across the GEF-8 focal areas will stimulate industrial development, tackle urgent environmental challenges, and support countries in achieving global environmental benefits through impactful and sustainable projects.

COUNTRIES

More the 100 countries across the globe

FIND OUT MORE





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WORKING TOWARDS THE SDGs















IMPORTANCE OF BIODIVERSITY





RESPONSIBLE WASTE

MANAGEMENT -

THE 9Rs

PREFERRED OPTION

RETHINK

REFUSE

REDUCE

REUSE

REFURBISH

REPAIR

RECYCLE

ROT

RESPONSIBLE

LAST RESORT

FOR ENVIRONMENTS

Clean air and water

Natural disaster resilience

Natural water purification

Climate, water, waste & pollination cycles regulation

FOR HUMANS

Food & freshwater security

Nature-based solutions to environmental challenges

Natural medicines & pharmaceuticals

Enhanced health

FOR ECONOMIES

Resource & energy security

Resistance to environmental and societal shocks

Recreation & tourism

lob creation

CLIMATE CHANGE

ELEMENTS OF

MELTING ICE CAPS & SEA-LEVEL RISE PUT COAST-AL AREAS UNDER THREAT

> **INCREASED CO₂ CAUSES OCEAN ACIDIFICATION** HARMING MARINE LIFE

> > **HEATWAVES POSE HEALTH RISKS AND** STRAIN RESOURCES

ECOSYSTEM DISRUPTIONS, BIODIVERSITY LOSS, SPECIES EXTINCTION



RISING TEMPERATURES

EXTREME WEATHER EVENTS: HURRICANES, DROUGHTS, FLOODS

OCEAN WARMING AFFECTS MARINE LIFE AND PROMOTES STORMS

ALTERED RAINFALL PATTERNS NEGATIVELY **AFFECT WATER RESOURC-ES AND AGRICULTURE**

FOOD INSECURITY AND THREAT TO HUMAN **WELL-BEING**

By rethinking consumpand production patterns, we can minimize waste generation and promote a more sustainable future. Reusing products extends their lifespan, while recycling diverts waste from landfills. As a last resort, responsible disposal methods can be employed.

