



INVESTING IN RESILIENCE AND SUSTAINABILITY



WORLD ENVIRONMENT DAY | 05 JUNE, 2025

#BEATPLASTICPOLLUTION

*Every year on June 5, we come
together to reaffirm our
commitment to the planet*



At NDRMF, we believe that restoring nature is one of the most effective ways to reduce disaster risks and build resilience. NDRMF is investing in disaster risk reduction and climate adaptation across Pakistan, from building resilient infrastructure and early warning systems to promoting sustainable horticulture interventions

NDRMF has employed an efficient and effective approach for developing the Environment and Social Management System (ESMS) in both Climate Resilience and Disaster Risk Reduction interventions aligned with the donors policies/guidelines and committed to promoting sustainability in all its operations by effectively managing environmental and social risks, enhancing beneficial impacts



***No financing to sub-projects with high risks that
would cause heavy and irreversible/harmful
social and environment impacts***



www.ndrmf.pk



[ndrmf-pk](https://twitter.com/ndrmf-pk)

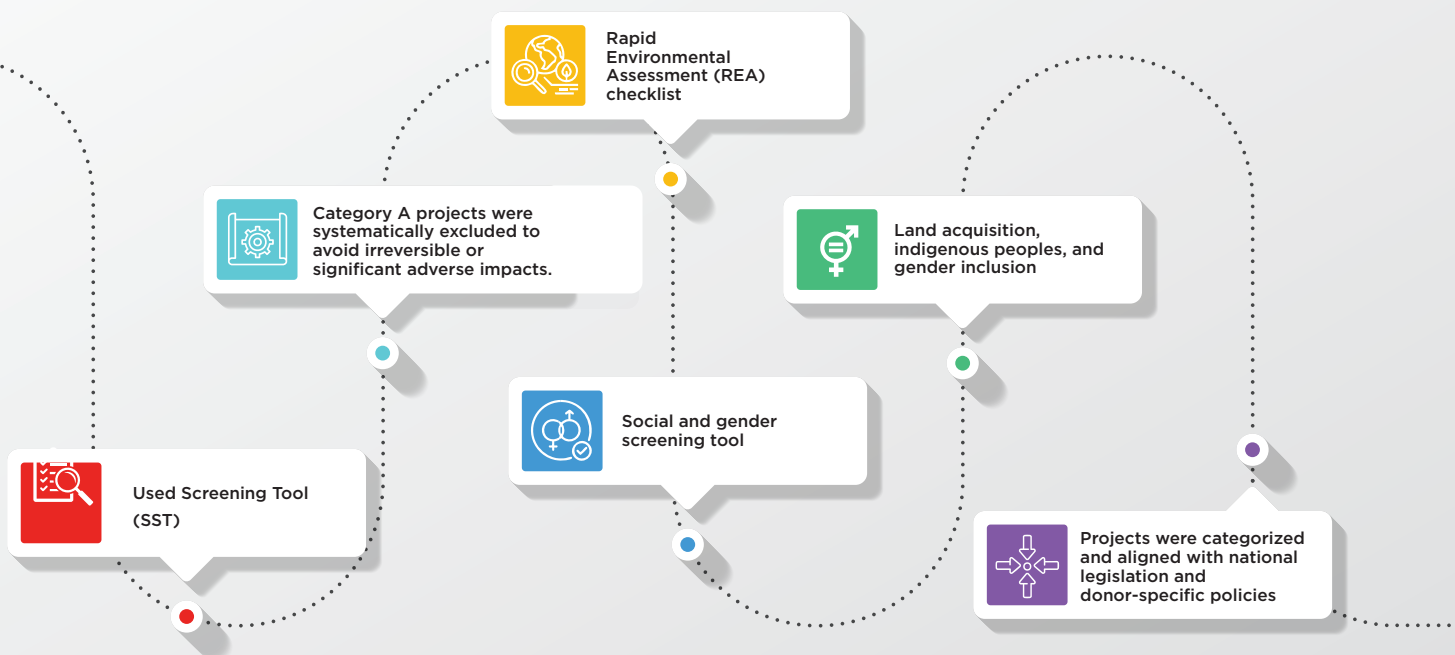


www.linkedin.com/company/ndrmf/

FUND'S COMMITMENT TO RESPONSIBLE PROJECT EXECUTION AND SUSTAINABILITY



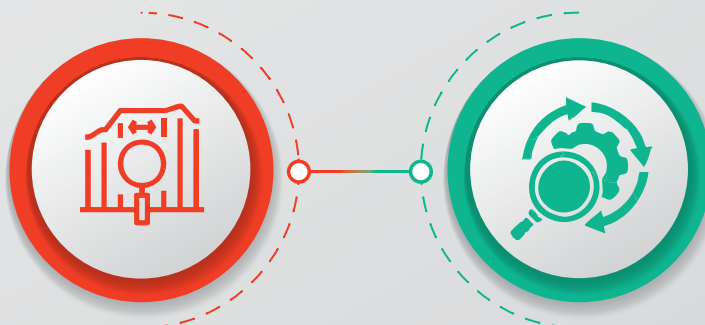
SCREENING AND CATEGORIZATION



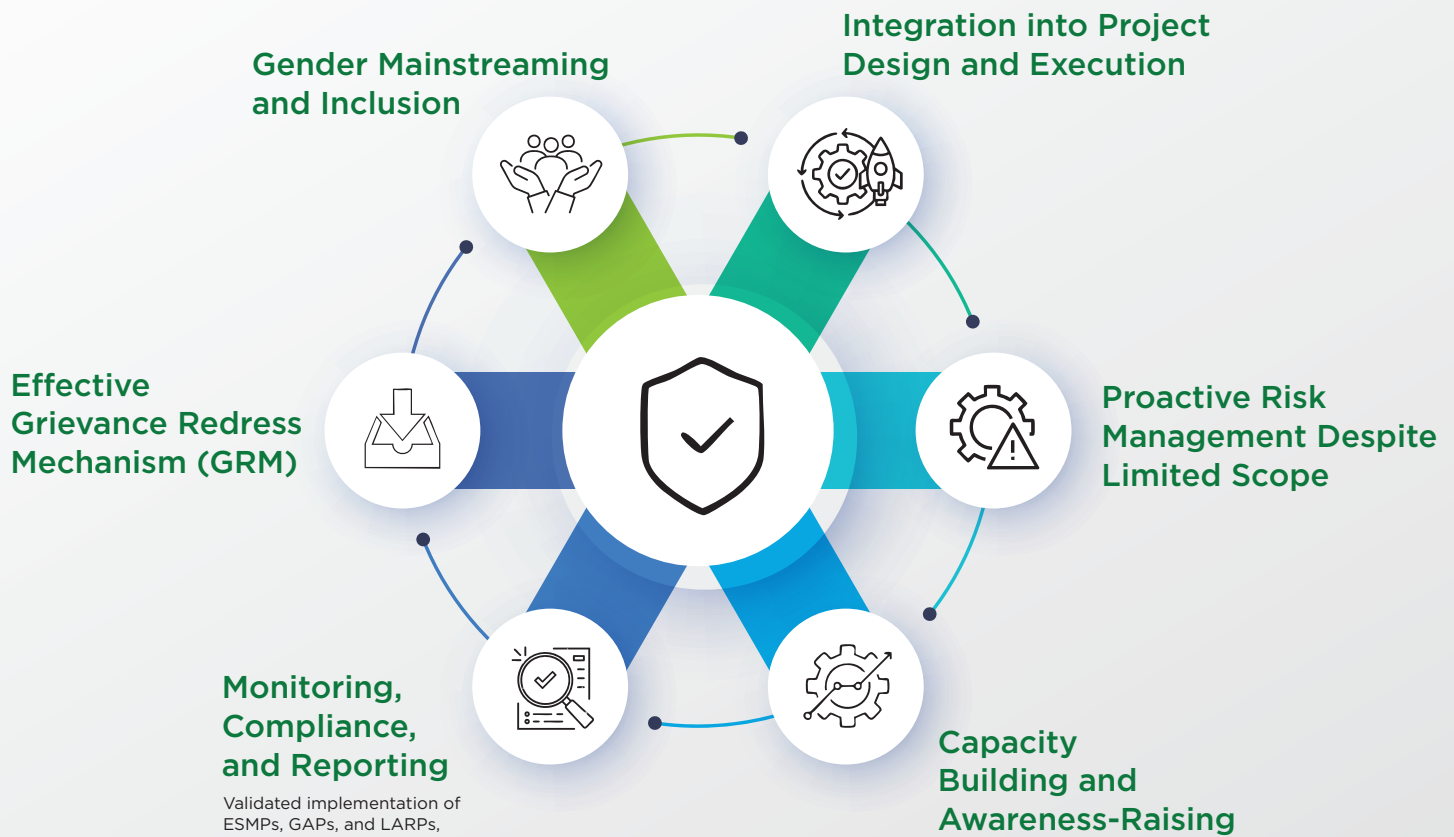
PREPARATION OF SAFEGUARD INSTRUMENTS

In accordance with the risk categorization:

Category B projects required detailed safeguard studies like IEEs/ESMPs, LARPs, and GAPS.



Category C projects were supported by Due Diligence Reports (DDRs).



OUR NATURE-BASED SOLUTIONS:



Mangrove Plantations: Strengthening coastal resilience, reducing storm surge, and protecting biodiversity



Saffron Cultivation: Promoting climate-resilient cash crops in water-scarce regions, boosting local incomes



Olive Grafting: Supporting sustainable agriculture in arid zones, enhancing soil conservation, and generating climate-smart livelihoods



Afforestation and Reforestation in Drylands: Reduced soil erosion, improved water retention, curbed desertification



Greening barren lands to combat desertification, enhance carbon capture, and restore ecosystems

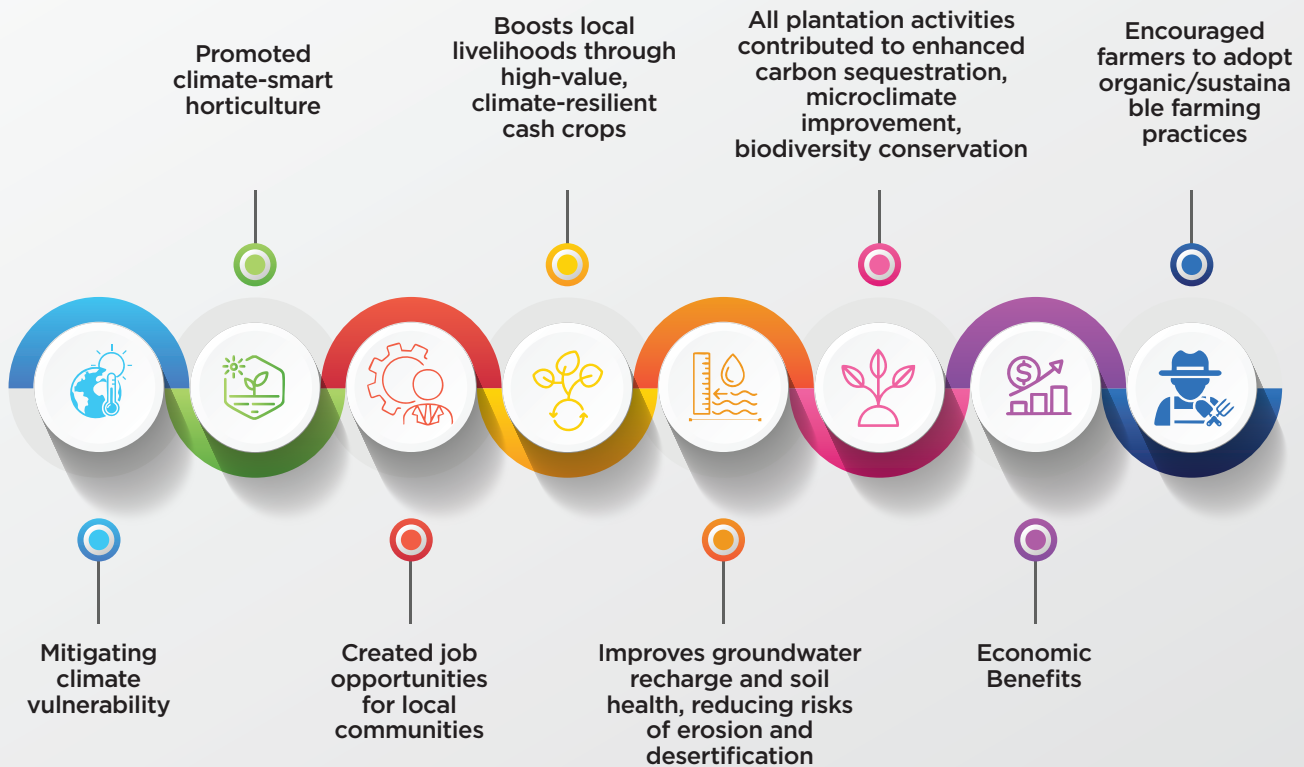


Fruit Orchards: Reviving rural livelihoods while enriching local microclimates and food security



Cultivation & Protection of Indigenous Plants: strengthen ecological resilience, restore degraded lands, and support biodiversity in disaster-prone regions

OUTCOME



COMPLIANCE OF ENVIRONMENTAL SAFEGUARDS



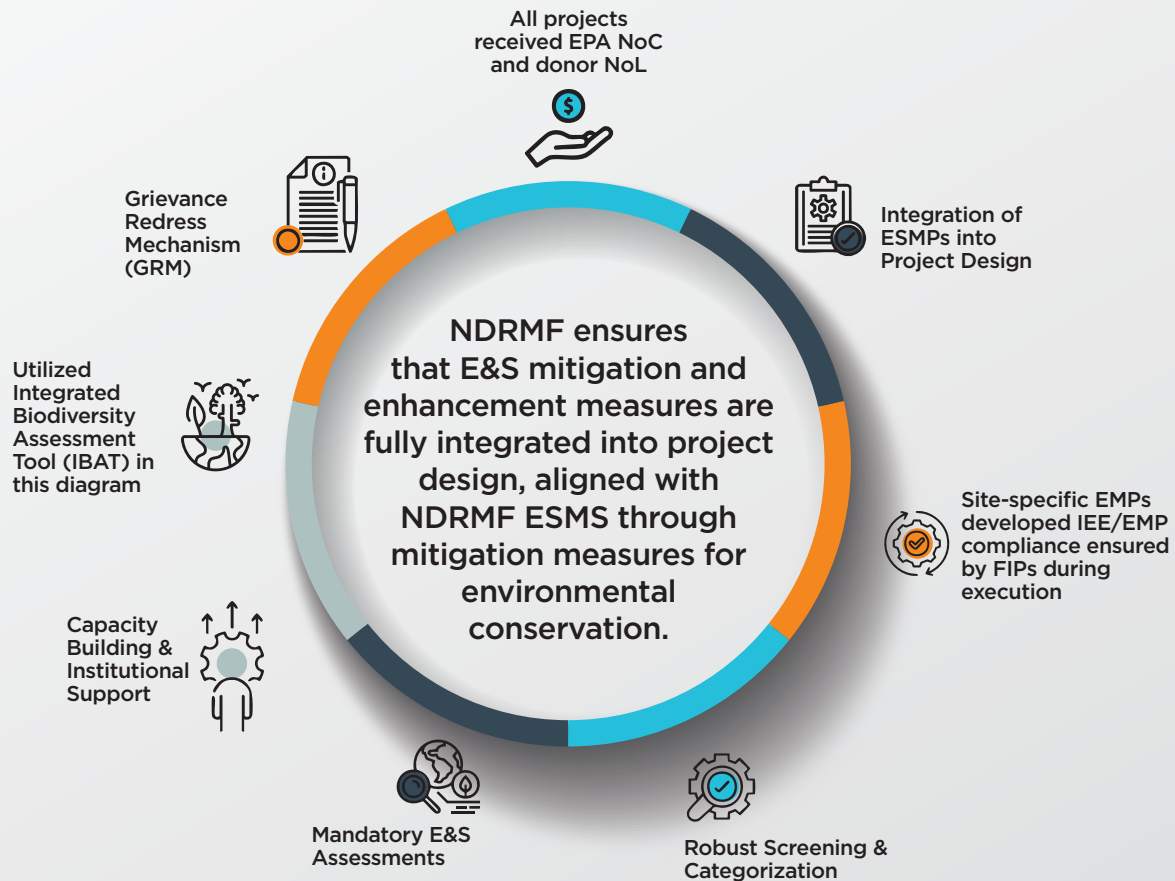
Though PHCSP involved no civil works, all plantation interventions have undergone environmental screening and assessment under the ESMS framework

- Used solar panels in energy scarce areas to power plantation related operations, this includes solar-based drip irrigation systems to minimize water loss, particularly in water-stressed zones.
- Water use through energy and water efficient systems
- Preference was given to indigenous plants species. Prohibited use of exotic species, encouraged biological pest control methods
- Protected agriculture land and avoided land degradation
- No significant waste generation and efficient resource utilization
- Positive impacts on biodiversity, avoided air pollution and water pollution
- Raised community awareness and strengthened community capacity
- Discouraged use of chemical fertilizers
- No adverse impact on flora and fauna



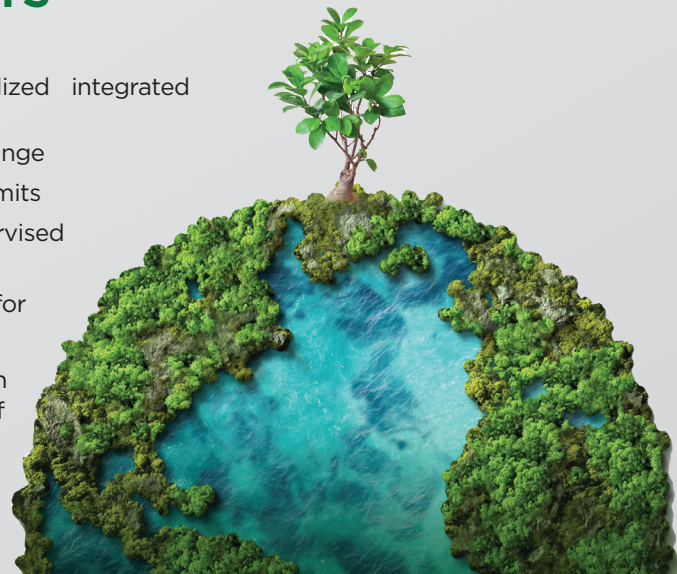
HOW NDRMF ENSURES ESMS COMPLIANCE IN DRR PROJECTS

All projects have been systematically screened under NDRMF's ESMS to assess potential environmental impacts. Each project has been assigned an appropriate environmental category (A, B, or C) based on the scale and type of risks.



OUTCOMES OF ESMS COMPLIANCE IN NDRMF'S DRR PROJECTS

- Environmentally Sustainable Project Implementation. Utilized integrated biodiversity assessment tool
- Projects deemed safe with no forest clearance or land use change
- Air, water, and noise levels remained within NEQs and WHO limits
- Avoided environmentally damaging activities (unsupervised excavation, waste dumping, or deforestation)
- Climate adaptive solutions (afforestation, bioengineering for slope stabilization, and rain water harvesting were promoted)
- Protected/restored natural ecosystems (local forests through site specific interventions, reducing ecological footprint of infrastructure projects)
- Reduced Environmental & Social Risks.
- Avoided interventions in ecologically fragile locations.



Successful ESMS compliance demonstrated NDRMF's commitment to responsible development, leading to increased trust from national stakeholders and international development partners.

At the National Disaster Risk Management Fund (NDRMF), integrating environmental safeguards into projects with both civil works and non-civil works has not only been a compliance requirement, but a strategic priority. These safeguards ensure that development does not come at the cost of environmental degradation or increased vulnerability.

By embedding the Environmental and Social Management System (ESMS) across all project types, NDRMF has elevated disaster risk reduction efforts into models of responsible development. Whether through physical infrastructure or community-based interventions, environmental considerations have remained a consistent priority for long term resilience.

The lessons learned and challenges overcome across these projects reaffirm that resilience is most effective when it is environmentally sound, socially inclusive, and sustainably executed.

On this World Environment Day, NDRMF reaffirms its commitment to a future where every investment whether structural or non-structural contributes to protecting people and the planet.

At NDRMF, we remain steadfast in our mission to integrate environmental sustainability into every project we undertake. By ensuring ESMS compliance, NDRMF turned risk reduction projects into models of environmental care and social responsibility



NDRMF

Conceptualise and Prepared by
Reema Zuberi
Deputy Manager
Media and Communications NDRMF

Environmental Safeguards at
NDRMF are overseen by
Mr. Ali Durrani
Deputy Manager (Environment)

ensuring that all projects adhere to national environmental regulations and international best practices, promoting sustainable and climate resilient development across NDRMF's portfolio.

NDRMF, 5th Floor, EOBI House, Mauve Area, Sector G-10/4, Islamabad

 www.ndrmf.pk  [ndrmf-pk](https://twitter.com/ndrmf-pk)  www.linkedin.com/company/ndrmf/