

Transforming Karachi Port into a Green Port





CHALLENGES

**Transition to
Modernization
& Retrofits**

**Energy
Transition &
Supply**

**Shore Power &
Clean
Bunkering**

**Water
Management &
Pollution**

**Stakeholder
Coordination &
Governance**

**Climate
Change
Vulnerabilities**

**Financing &
Investment**

**Clean
Innovation**

WHAT WE HAVE ACHIEVED



CAPACITY BUILDING



WASTE MANAGEMENT & ZERO PLASTIC USE POLICY



ENVIRONMENTAL POLICY & RENEWABLE ENERGY



EMISSION REDUCTION BY PORT CRAFTS



MECHANIZATION & DIGITIZATION - SHORTER VESSEL TURNAROUND



COMPLIANCE OF INTERNATIONAL CONVENTIONS



RE- HABILITATION OF MANGROVE ECHO SYSTEM



FLEET ELECTRIFICATION

ROAD AHEAD



**Green
Financing &
Investment**

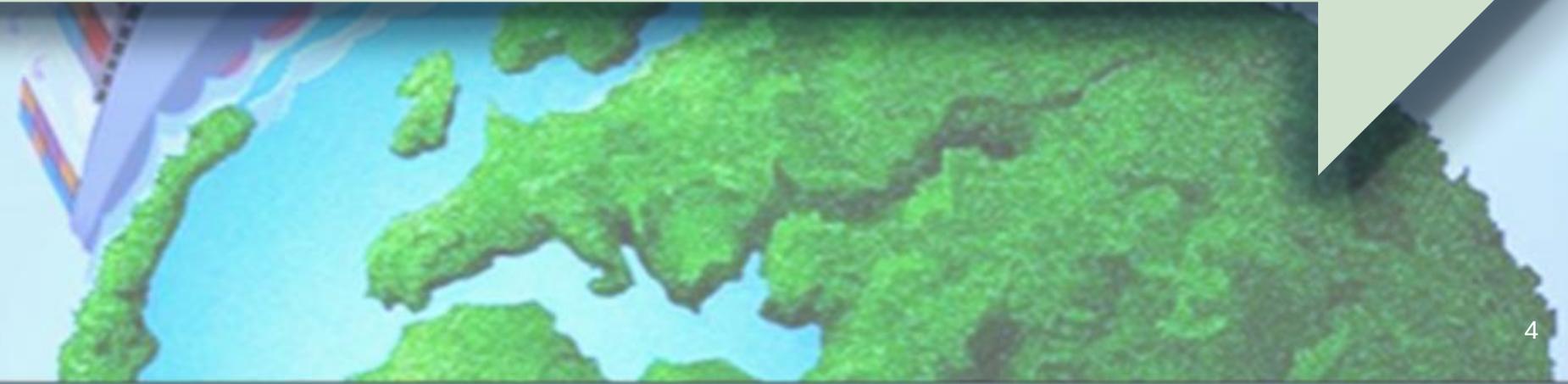
**Clean
Bunkering**

**Integrated
Climate Risk
Assessment**

**Sustainable
Logistics &
Smart Port
Technologies**

**Collaboration
with Global
Green Port
Networks**

**Community &
Stakeholder
Involvement**





WHAT WE SEEK

01

Models for Public Private Collaboration to Invest In Green Port Infrastructure without Overburdening Government

Insights on Implementing Shore Power, Electrified RTGs / Yard Equipment

02

03

Lessons on Building Zero-Carbon Terminals and Green-Fuel Bunkering Capabilities

Environmental Risk-Insurance Models and Climate-Adaptation Frameworks

04

THANK YOU