Nghe An Province’s Vinh City Priority Infrastructure and Urban Resilience Development Project

2024 - 2030

World Bank
Vietnam

NATURE BASED SOLUTIONS

urban green spaces, ponds, lakes, small water bodies

The development objective of the Nghe An Province’s Vinh City Priority Infrastructure and Urban Resilience Development Project for Vietnam is to reduce flood risk in the core urban area, strengthen capacity for urban resilience management, and support the development of integrated infrastructure in Vinh city. The project comprises of four components. The first component, integrated drainage, environmental sanitation, and connectivity investments will implement the delay and discharge parts of Vinh city’s resilience strategy by expanding and improving the secondary and tertiary combined sewer system in all urban wards, while constructing transport links with improved drainage and wastewater collection capacity. It consists of following sub-components: (i) integrated secondary and tertiary sewer improvement; and (ii) resilient road connectivity improvement. The second component, expansion of water storage capacity will implement the storage part of Vinh city’s resilience strategy. It consists of following sub-components: (i) Hung Hoa 2 regulation lake; and (ii) Hoi Chua drainage pumping station. The third component, river improvements and upgrades will further implement the discharge portion of Vinh city’s resilience strategy by increasing the water discharge capacity into the Vinh River and improving the protective capacity of its riverbank. The fourth component, systems and capacity development will support the development of

tools and systems that will enable city officials to better plan and guide the city’s rapid urbanization in a risk-informed and resilient manner and enhance coordination across relevant departments. The project will implement grey-green infrastructure investments and construct a retention lake with surrounding green public spaces to mitigate flood risks.

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https://projects.worldbank.org/en/projects-operations/project-detail/P174157

INTERVENTION

Hybrid

HAZARD

river flooding

SCALE

Regional

RISK REDUCTION BENEFITS

reduce flood risk, water quality

DONORS

IBRD

EST. MONETARY COST

(TODAY'S US$)

57.6

EST MONETARY BENEFITS

Unknown