

BUILDING WITH NATURE

Concepts tested by EcoShape

STIMULATING DUNE HABITAT DEVELOPMENT

NATURE BASED FLOOD DEFENCE
Monitored at the Hondsbossche Dunes



TIDAL PARKS

RESILIENT DELTA CITIES
Applied at the Tidal Park project in Rotterdam



SANDY FORESHORE

NATURE BASED FLOOD DEFENCE
Piloted and implemented at the Houtribdijk



MEGA NOURISHMENT

NATURE BASED FLOOD DEFENCE
Extensively studied at the Sand Motor in Kijkduin



MUD MOTOR

SUSTAINABLE PORT DEVELOPMENT
Executed and researched in the Mud Motor project in Harlingen



SALT MARSH DEVELOPMENT ON A BANK CREATED WITH SEDIMENT

SUSTAINABLE PORT DEVELOPMENT
Experimented in the Marconi salt marsh development project in Delfzijl



CLAY RIPENER

SUSTAINABLE PORT DEVELOPMENT
Piloted in the Clay Ripener project in the Eems Dollard estuary



VEGETATION RECOVERY

ECOSYSTEM RESTORATION
Implemented and researched in Demak, Indonesia



NATURAL ISLANDS

ECOSYSTEM RESTORATION
Applied and studied in the Marker Wadden project in Markermeer



This project has a positive effect on

Flood risk management	CO2 sequestration
Recreation	Climate regulation
Biodiversity / Nature development	Water infiltration
Local economy	Water storage
Health and well being	Navigability
Water quality	Building material
	Food (shrimp/fish)