

MauStats Platform

Modern Statistic System for Mauritius

Mauritius
OCTOBER, 2025

OBJECTIVES

IMPROVE SERVICE
DELIVERY



ENHANCING SECURITY AND
CONFIDENTIALITY



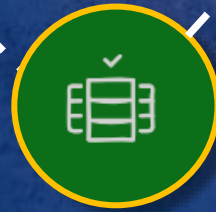
BECOMING
RESILIENT



ONE STOP
SHOP



ACHIEVING OPERATIONAL
EFFICIENCY



ADOPTING e-
GOVERNANCE
PRINCIPLES



BENEFITS

Automating and integrating SM's data lifecycle

01

From acquisition to dissemination using Generic Statistical Business Process Model (GSBPM) framework

02

Robust and scalable data layer

03

A single source of truth on data assets

04

Do You Own Analysis (Self-Service) capabilities

05



DATA ACQUISITION

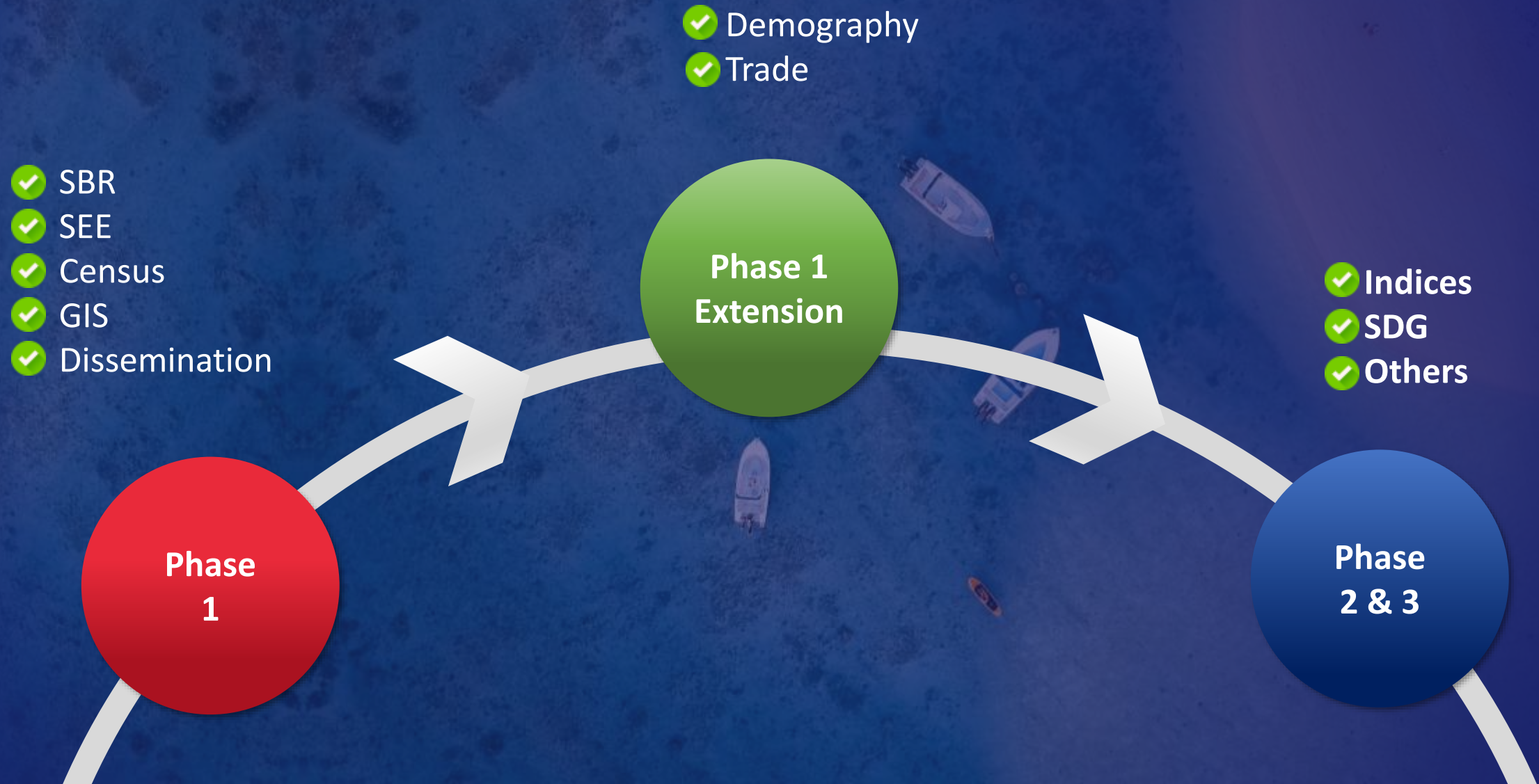


DATA ANALYSIS

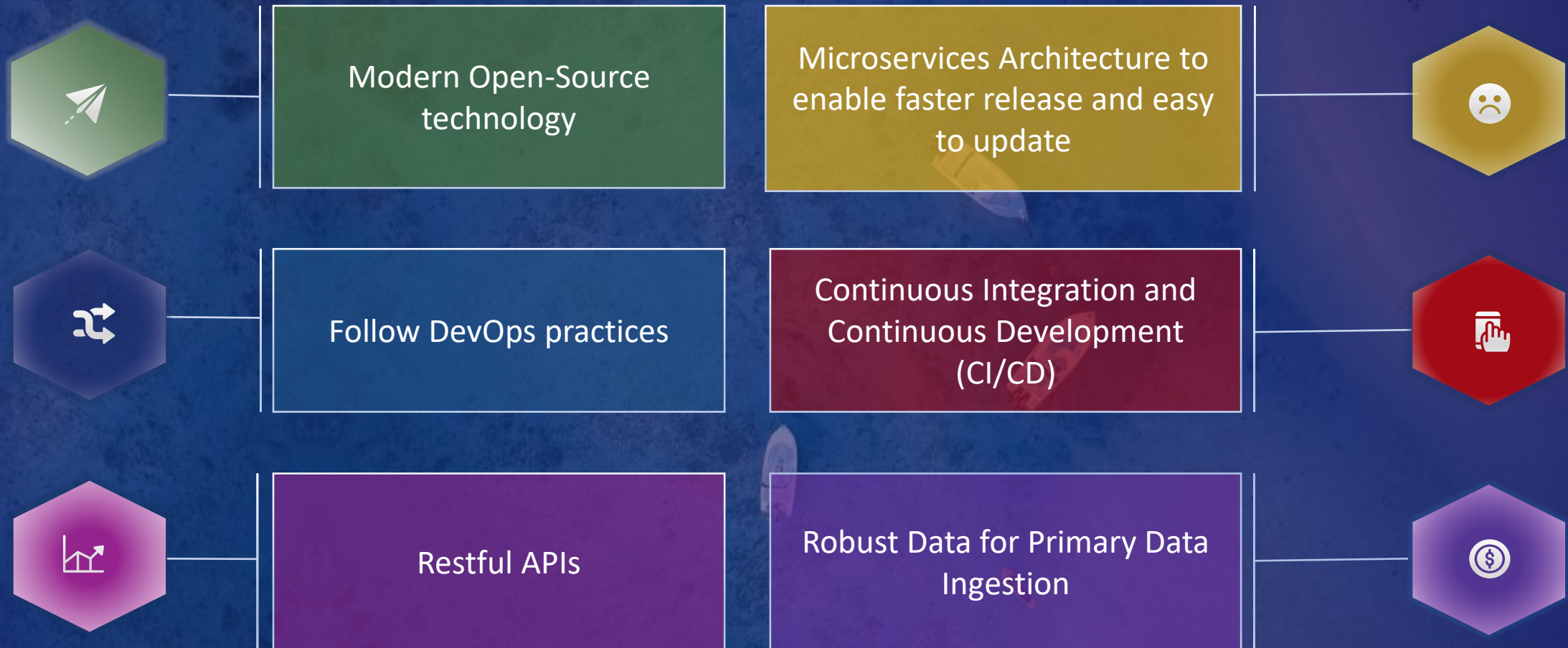


DATA DISSEMINATION

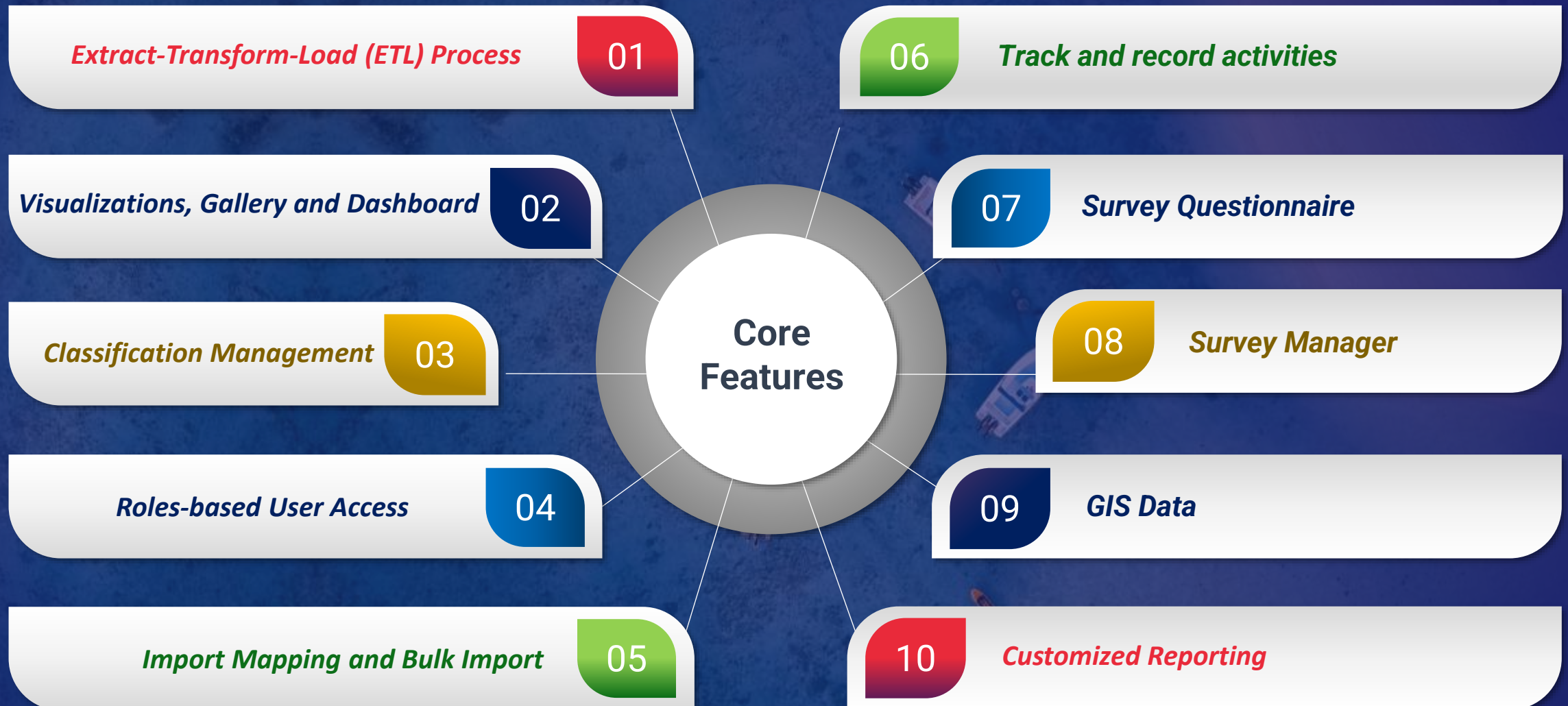
PHASEWISE IMPLMENTATION



TECHNICAL HIGHLIGHTS



FUNCTIONAL HIGHLIGHTS



The background of the slide is an aerial photograph of a coral reef. The water is a deep blue, and the coral appears as darker, textured patches. Several small white and blue boats are visible on the water. A white rectangular box with a thin horizontal bar in green, yellow, and red at its top edge is positioned on the left side of the slide.

SYSTEM ARCHITECTURE

SYSTEM APPLICATIONS

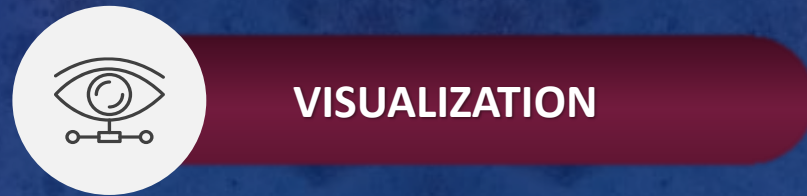


**USER INTERFACE
APPLICATION**



**DATA MANAGEMENT
SYSTEM APPLICATION**

USER INTERFACE APPLICATION



DATA MANAGEMENT SYSTEM APPLICATION

Data Management

Topic and Subtopic

Primary Data

Data Mapping

Import Rules

Import Mapping



Other Admin Modules

Classification

GIS

Generate Report

Audit Trail

Access Control

Resource

Export Data

Import Logs

XLS

CSV



SBR

Enterprise Group

Enterprise

Establishment

Snapshot

Common Frame

Survey Frame

SEE

Survey
Questionnaire

Survey
Frame

Demography

Live Birth

Still Birth

Marriage

Death

Trade

Transaction

Achieve
Transaction

The background of the slide is an aerial photograph of a coral reef. The water is a deep blue, and the coral appears as darker, textured patches. Several small white boats are visible on the water. A white rectangular box with a thin horizontal bar in green, yellow, and red at its top edge is positioned on the left side of the slide.

USER JOURNEYS

PUBLIC USER

MAUSTATS
PLATFORM

Public users access the
MauStats Platform



1

Browse, search and update their specific datasets



2

Create customized visualizations using the published datasets



3

Download visualizations and data in PNG, JPEG, SVG and CSV formats



4

View published visualizations, dashboards and advanced visualizations



5

Submit query or request for data and information.

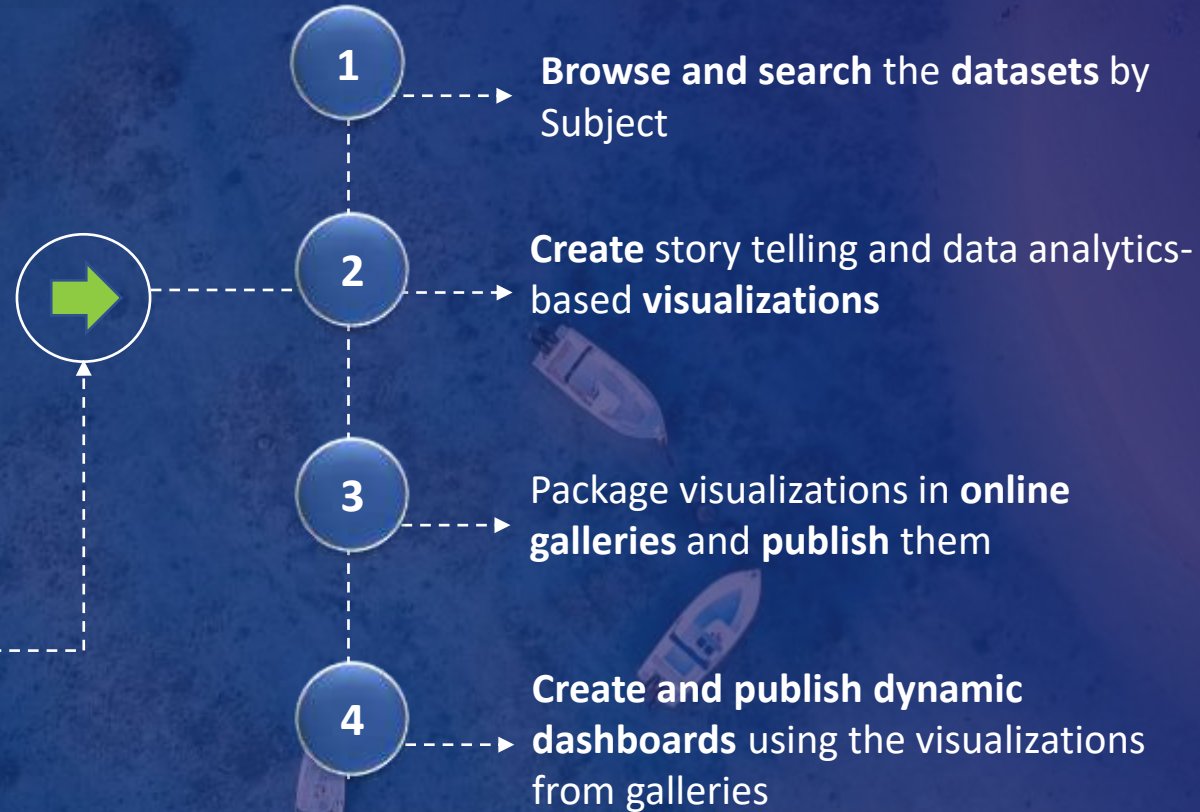
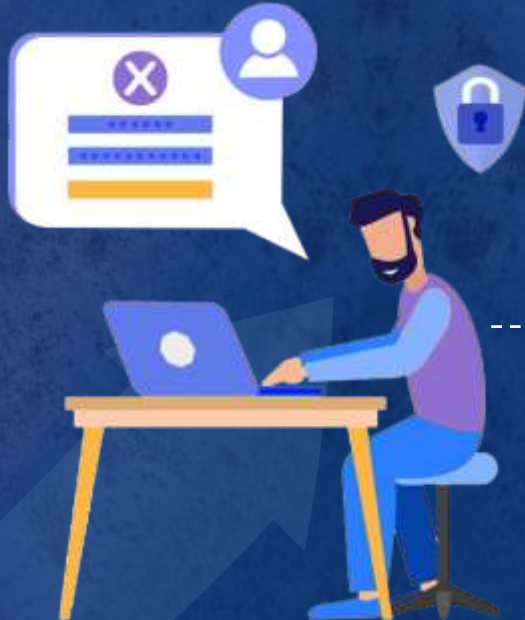


MAUSTATS PLATFORM



SM SUBJECT SPECIALISTS

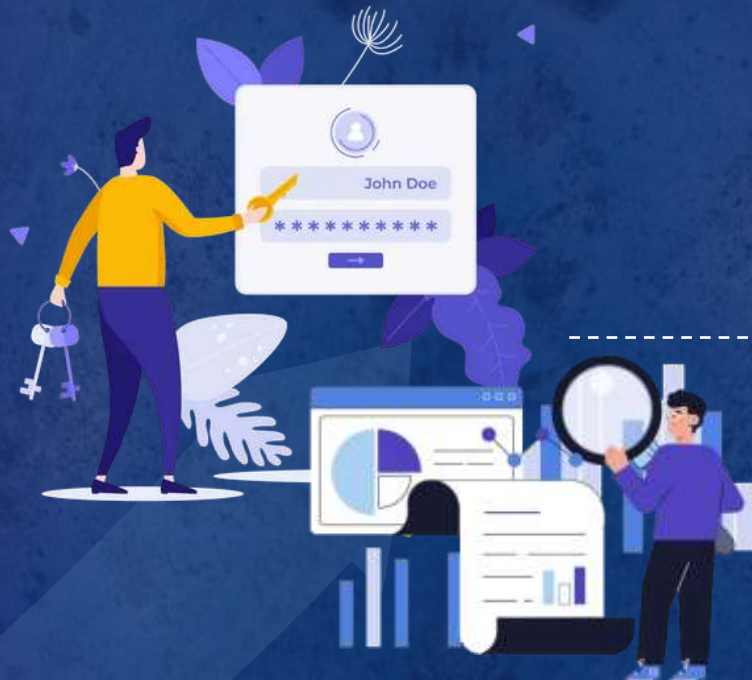
SM subject specialist **logs in**
to the **MauStats Platform**



MAUSTATS PLATFORM

SM UNIT-LEVEL USERS

SM unit level users **logs in** to the **MauStats Platform**



1

Access the **Unit specific** modules and features



2

Collect, update, validate and aggregate their unit specific data



3

Search, filter and download historical data and perform required operations



4

Generate **customised reports** periodically



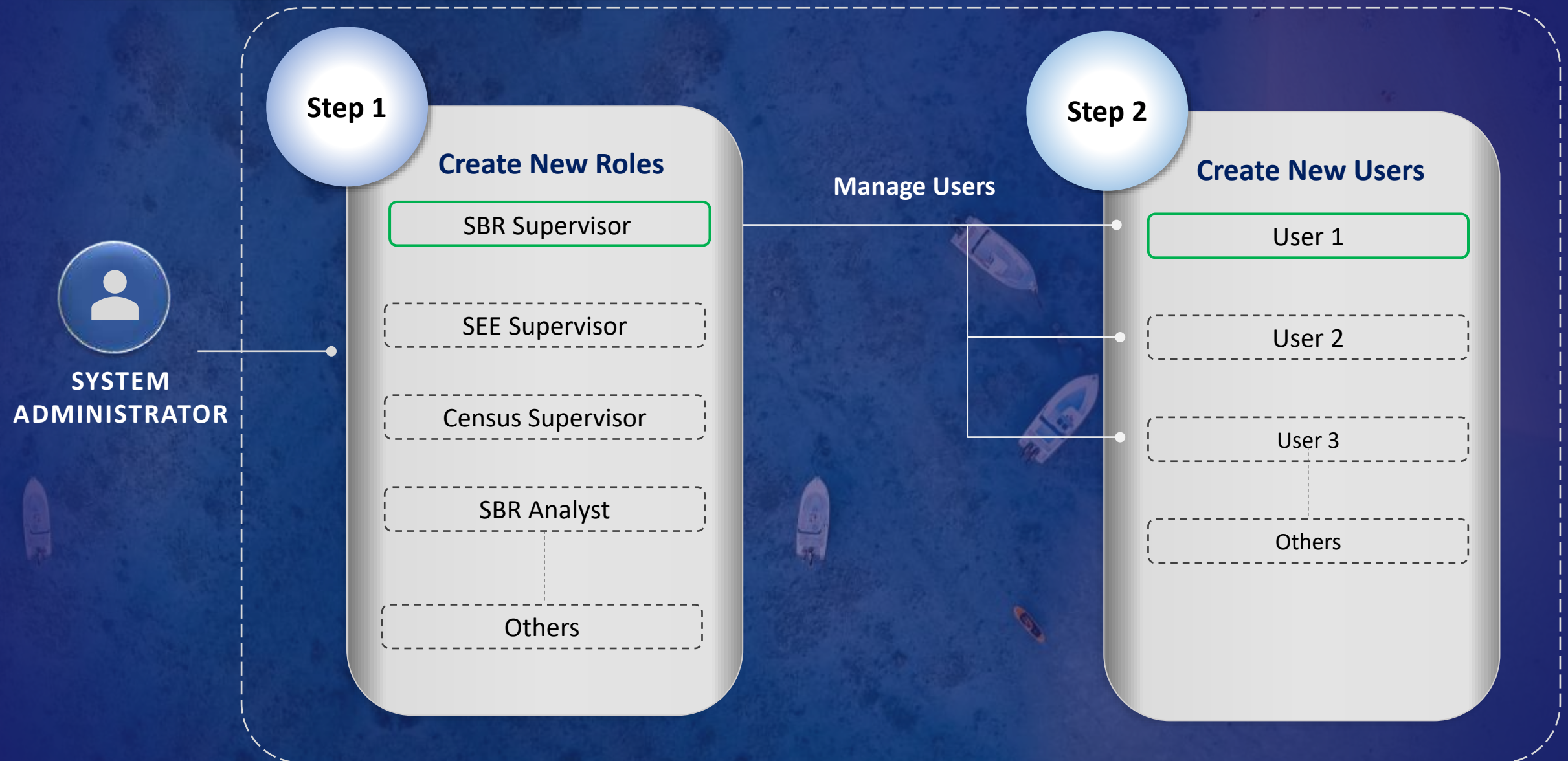
MAUSTATS PLATFORM



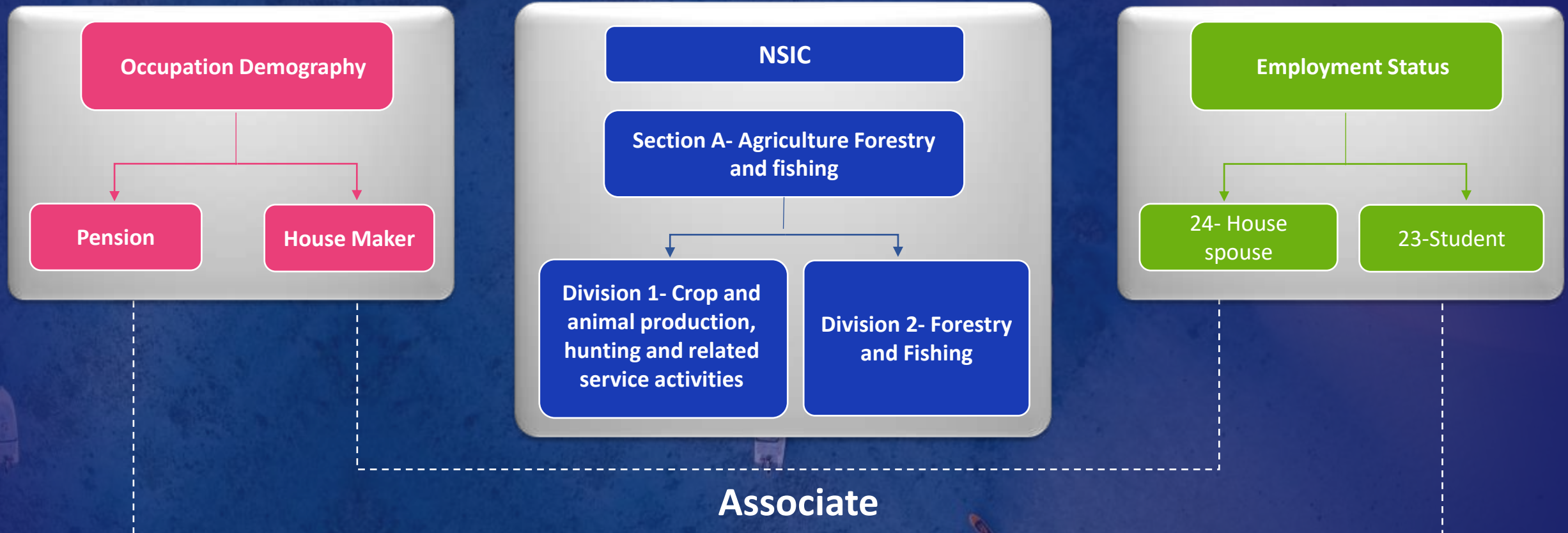
A white rectangular title card with a horizontal bar at the top divided into green, yellow, dark blue, and red segments. The text "SAILENT FEATURES" is centered in a blue, sans-serif font.

SAILENT FEATURES

ROLE-BASED ACCESS CONTROL



CLASSIFICATIONS

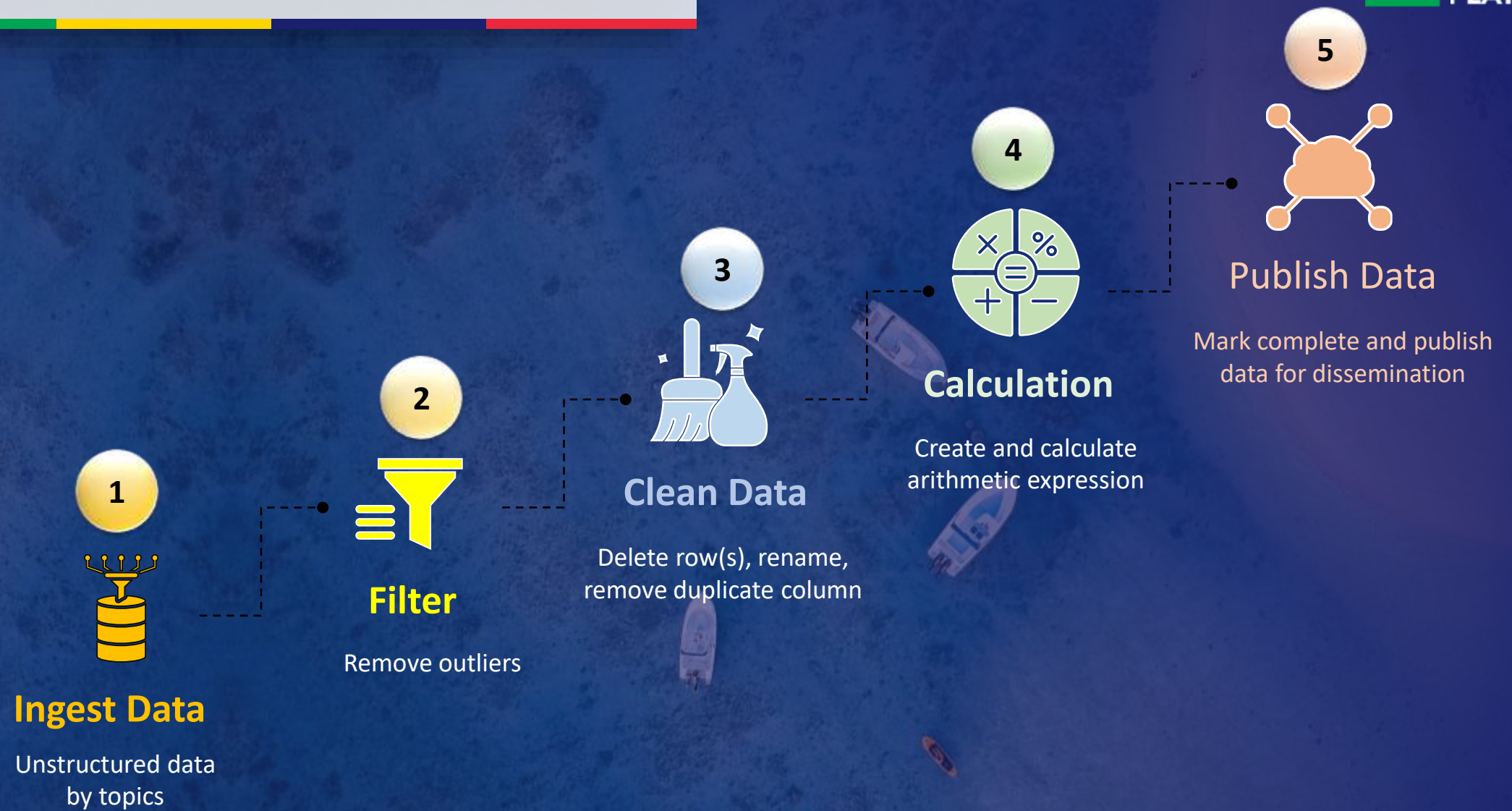




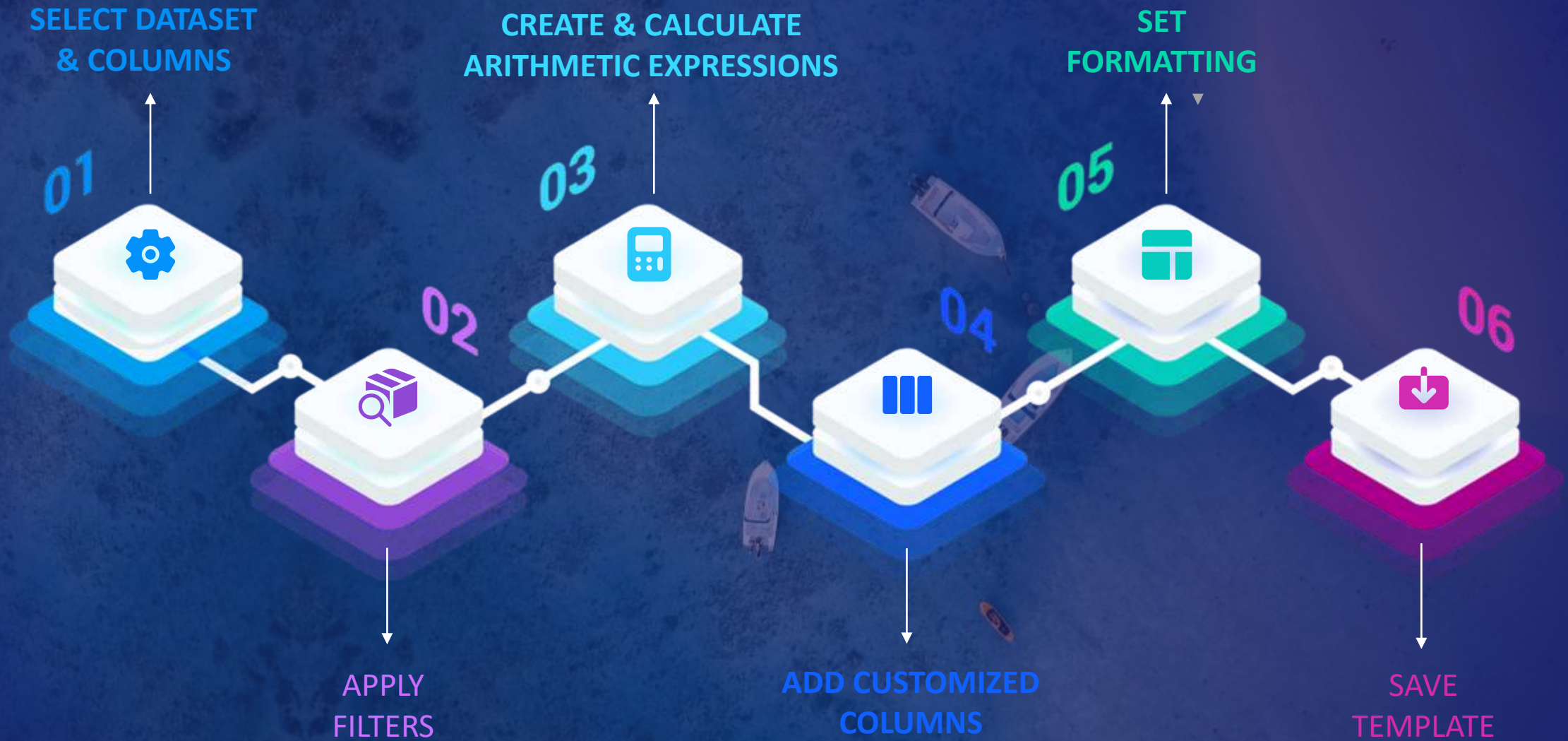
IMPORT DATA



PRIMARY DATA INGESTION



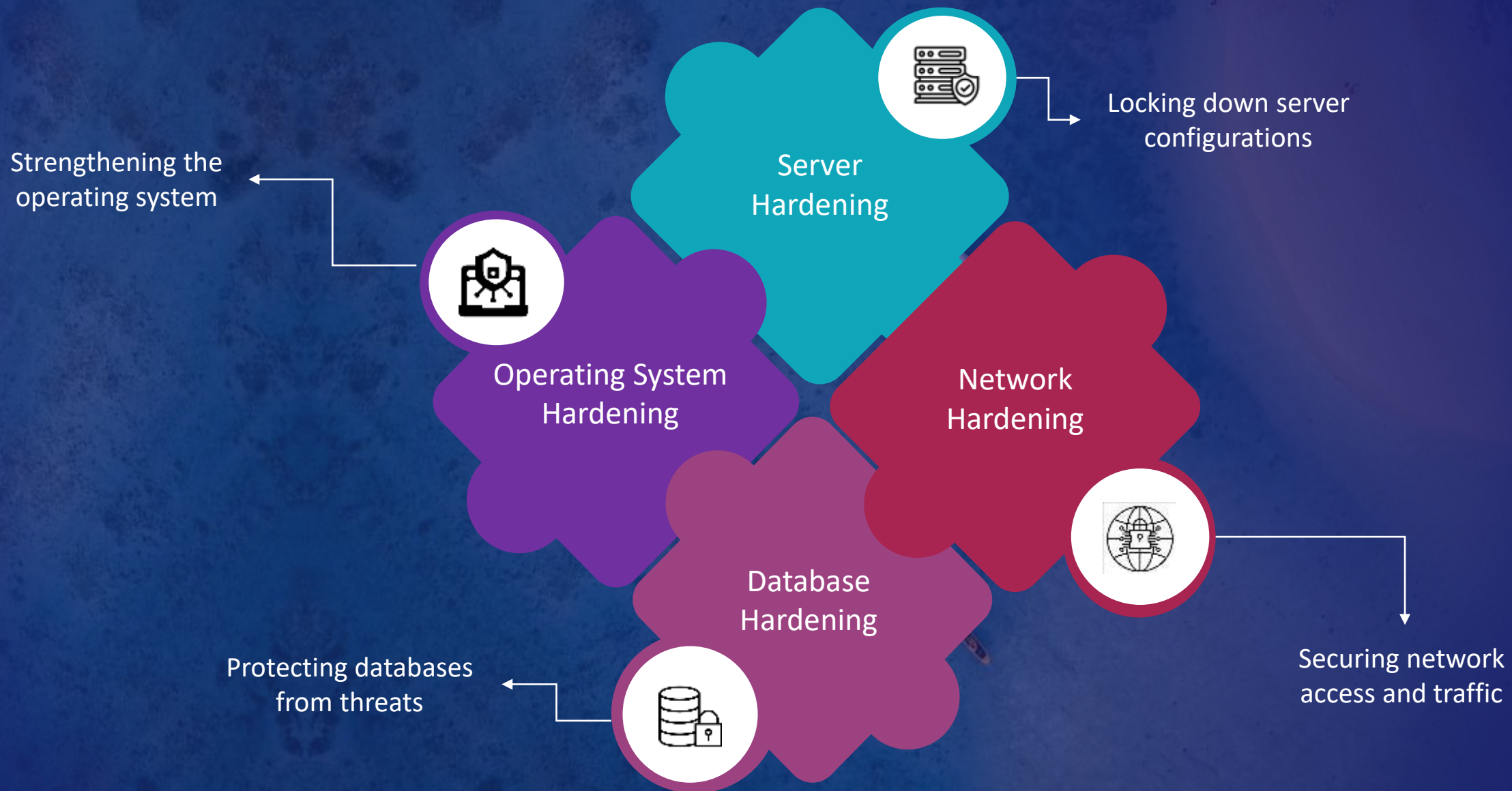
GENERATE REPORT



The background of the slide is an aerial photograph of a coral reef. The water is a deep blue, and the coral appears as darker, textured patches. Several small white and blue motorboats are visible on the water. A white rectangular box with a thin horizontal bar in green, yellow, and red is positioned on the left side of the slide.

SECURITY & CONTINGENCY

SYSTEM HARDENING





Access Security

- ✓ Password policy
- ✓ Secure credential storage
- ✓ Session management
- ✓ Real-time monitoring & alerts
- ✓ Regular security audits



Password Policy

- ✓ Password complexity
- ✓ Expiration & history
- ✓ Multifactor authentication



Data Security

- ✓ Backup and recovery system
- ✓ Staff security training
- ✓ Third-party risk control
- ✓ Data encryption & privacy compliance

IT SECURITY POLICY

Based on ISO 27001
standards for
Information Security



Based on ISO/IEC 27002
for Security Risks and
Mitigation

IT CONTINGENCY PLAN



The background of the slide is an aerial photograph of a tropical beach. The water is a deep blue, and the sand is a lighter, textured blue. Several small boats are visible in the water, including a white motorboat, a blue and white motorboat, and a small orange boat. The overall tone is serene and coastal.

TECHNOLOGY STACK AND WEB HOSTING

A white rectangular box with a horizontal bar at the top divided into green, yellow, dark blue, and red segments. The text 'CAPACITY BUILDING' is centered in blue.

CAPACITY BUILDING





iTech Mission

for a better world