

BRIDGING SPACE AND SEAS:
HARNESSING EARTH OBSERVATION
TECHNOLOGIES FOR
SUSTAINABLE
FISHERIES

LA-QUITA GEORGE
FOUNDER, MISSION 8

THE CARIBBEAN CONTEXT: CASTING A WIDE NET TO READ FISHING GROUNDS

KEY STATISTICS & USE CASES



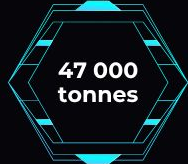
**persons employed in
small - scale fisheries &
aquaculture in CRFM
Member States**



**marine capture fisheries
production in 2023**



**imports valued at USD
348.4 million annually in
2023-2024**



**exports valued at USD 231
million annually in 2023-
2024**



\$10 - 23 billion in losses annually
The Grenz Project, Grenada
Blue Justice Caribbean hub, Jamaica



**505 marine spills in T&T 2016 - June
2025**
**Tobago oil spill (2024) - Intl Charter:
Space & Major Disasters**



**80% ocean floor in Caribbean not yet
mapped**
**Jamaica, The Nature Conservancy,
Pew Charitable Trusts**

FISHERIES AS THE ENTRY POINT TO SPACE ECONOMY

KEY CONSIDERATIONS

CAPACITY-BUILDING

MARKET
OPPORTUNITIES

INFRASTRUCTURE

INSTITUTIONAL
FRAMEWORK

CAPACITY-BUILDING

Cohort
1

Cohort
2

Cohort
3

Fill roles within institutional
framework

Create new businesses linked
to space economy

COOPERATION FOR CLARITY, COHERENCE, CONFIDENCE

CONCEPTUALISATION

Nat'l | Reg'l

Conduct needs
assessment and
review of past
initiatives

PLANNING

Nat'l | Reg'l | Int'l

Curate tailored
programmes,
projects &
initiatives

IMPLEMENTATION

Nat'l | Reg'l | Int'l

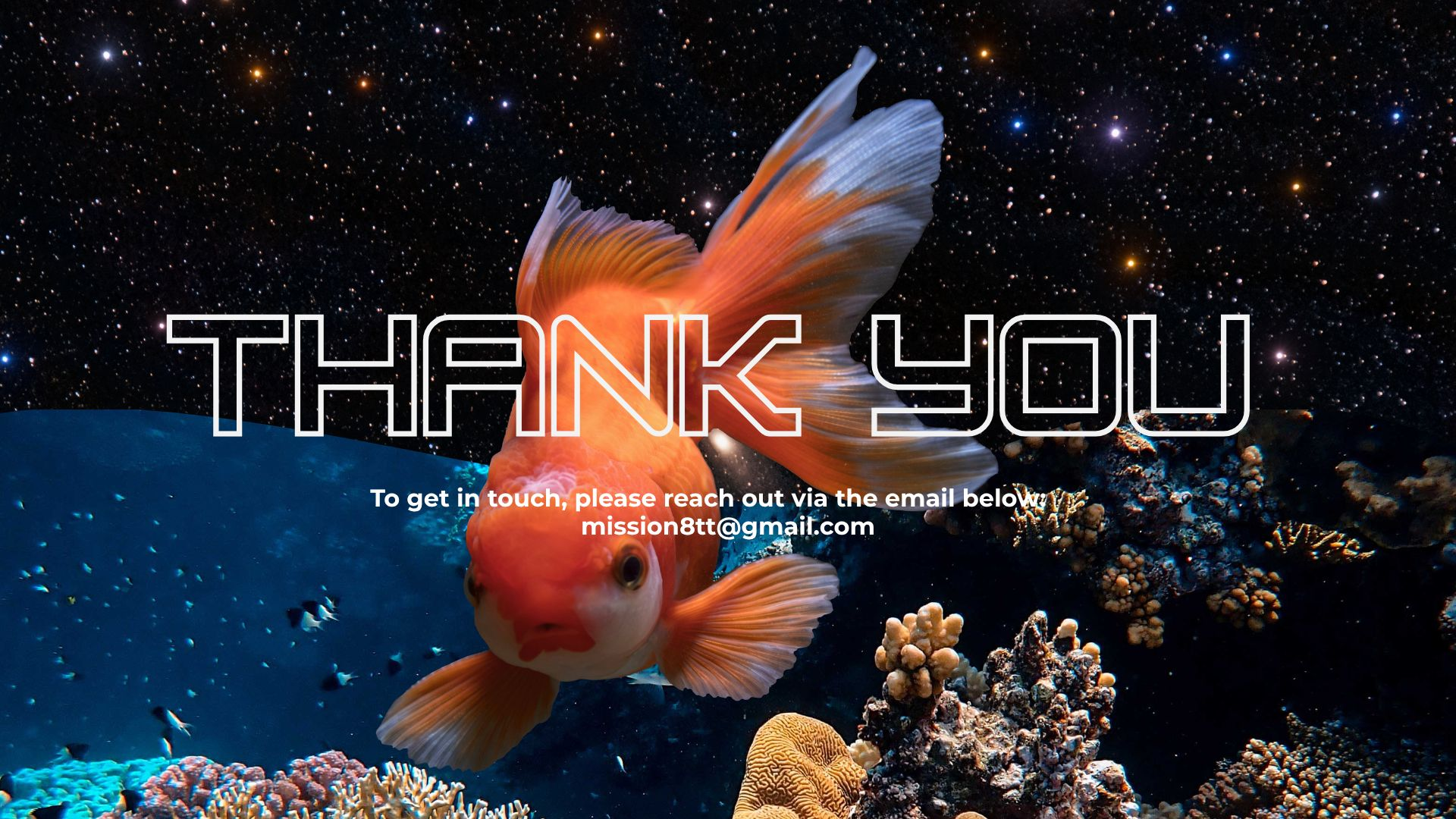
Implement
programmes

Educate on
alternative
livelihoods for
fisherfolk

MONITORING & REVIEW

Nat'l | Reg'l | Int'l

Review successes
and failures of each
iteration



THANK YOU

To get in touch, please reach out via the email below:
mission8tt@gmail.com