



Condensed Presentation for AICS on the “JMICC” and associated aspects

5 November 2019

Presentation prepared by Marco Hekkens
EUCAP Somalia – Strategic Adviser
Project Manager Project JMICC

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Joint Maritime Information and Coordination Centre – Upfront (1):



- The JMICC is designed as a testbed environment with its ultimate objective to establish a modern Puntland Situation Centre (SITCEN) in Garowe
 - Purely conceptual approaches towards the aspired SITCEN need a ‘material’ dimension to visualise the concept; and test and validate the various internal and external processes involved in a context and culturally specific environment:
 - The JMICC in Garowe and the Coastal Reporting Nodes represent the “physical & material dimension”
 - The teaching, training and the mentoring, and the experiences gained provide [insights into to] the “human dimension” needed to operationalise the Vision towards the Puntland SITCEN



Joint Maritime Information and Coordination Centre – Upfront (2):



- It needs more tangible involvement and funding support by the Office of the President (OoP), foremost as a sign of formal support for the staff and demonstrate ownership
- Appointment of a dedicated Director JMICC is vital
 - Interaction with – a bridge to – other stakeholder ministries
 - Gain experience to become (Deputy) Director SITCEN
 - Operational background desirable
- Formal message by OoP to Puntland stakeholders that the “JMICC is a Puntland Agency, not a EU(CAP Somalia) organisation”



Project Joint Maritime Information and Coordination Centre – Key Points:



- **Political-Strategic Objective:**
 - support achieving and demonstrate persistent effective Maritime Governance
- **Tactical Objective:**
 - contribute to achieving effective and efficient (coastal) safety and security through improved shared awareness and rapid, factual information exchange; support decision making for cost-effective and efficient tasking of scarce maritime law enforcement capabilities (afloat and ashore); and as well LEA in the coastal areas on land
- **Precursor (i.e. testbed)** for an Interagency Puntland Situation Centre
- **Critical Enabler and Catalyst** for future major infrastructural development and resource generation through the exploitation of the ‘Blue Economy’ potential
 - Nexus security and development: enhancing productivity, sustaining economic recovery, boosting inclusive growth and promoting poverty reduction in Somalia (compare with SDGs).
 - Mitigate as much as possible risks and threats that discourage investment
- **Offset strategy** in view of limited indigenous sea-going law enforcement capabilities
 - Achieve operational effectiveness through targeted and collaborative “information operations”



Joint Maritime Information and Coordination Centre – Existing Risks and Opportunities:



- Level of EU funding and miscellaneous support available for this project during 2020 and thereafter
 - EUCAP Somalia expects a demonstration of ownership by PL Government
 - Explore additional funding opportunities
- Staff Competences
 - Good progress is being made, but challenges remain
- Expansion towards the coastal areas
 - Coastal Reporting Nodes can accelerate achieving Maritime Situation Awareness and demonstrate Puntland' efforts towards Maritime Governance



JMICC 'Standing Banner' (cut in the middle to fit slide)



The JMICC is a new Puntland Government Agency established to improve the sharing and utilisation of information to counter maritime crimes

Vision

To evolve into a globally connected National (Puntland) Situation Centre providing high-grade information and advice to influence Maritime Governance policy development; and support Government decision making processes during incidents, accidents, disasters and crisis management.

Embrace comprehensive inter-agency cooperation to counter future regional risks and threats.

Mission (2019 – 2020)

The JMICC will:

- Provide timely and factual information to Government Institutions and Agencies;
- Build a network of Somali and External Entities to support research, analysis and dissemination of timely, accurate and fact-based information;
- Monitor local, regional and international news and provide 'alerts' in order to support the information requirements of all beneficiaries necessary to plan and conduct their tasks in a safe and expedient manner, within the Rule of Law;

"Encourage Blue Economy Thinking"

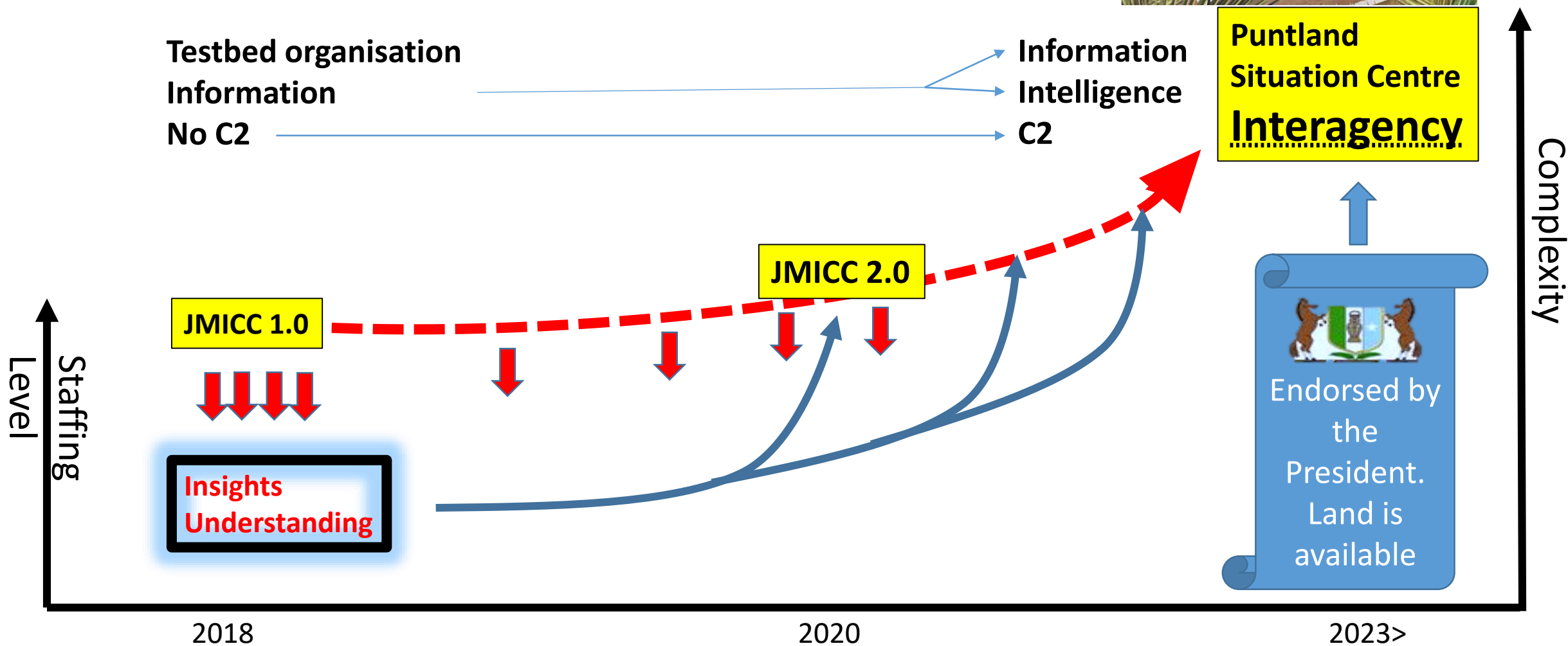


The JMICC is established with support from EU CAP Somalia

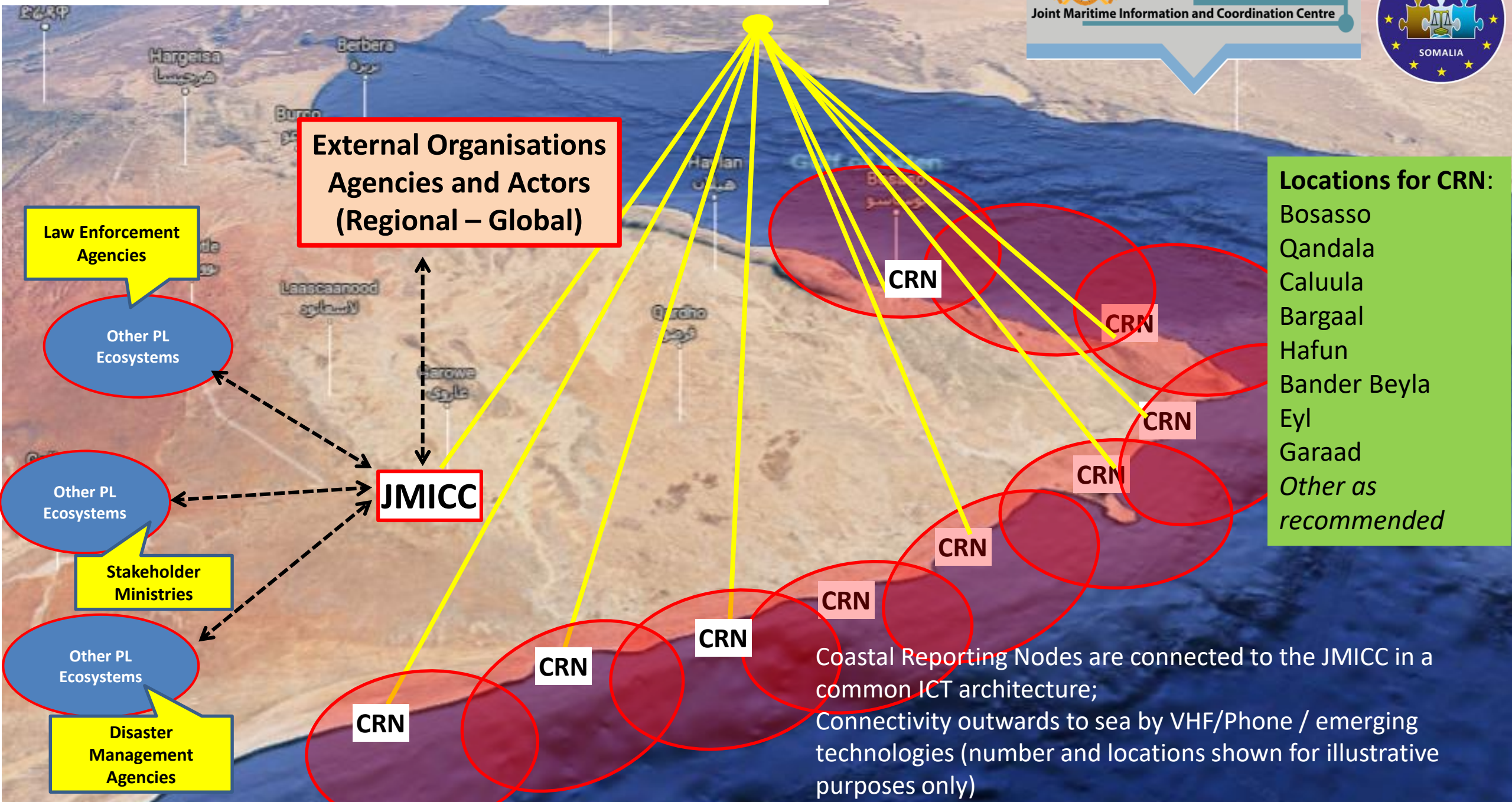




Vision for gradual transition and development



JMICC Local, Regional, Global Connectivity



External Organisations
Agencies and Actors
(Regional – Global)

Law Enforcement
Agencies

Other PL
Ecosystems

Other PL
Ecosystems

Stakeholder
Ministries

Other PL
Ecosystems

Disaster
Management
Agencies

JMICC

CRN

CRN

CRN

CRN

CRN

CRN

CRN

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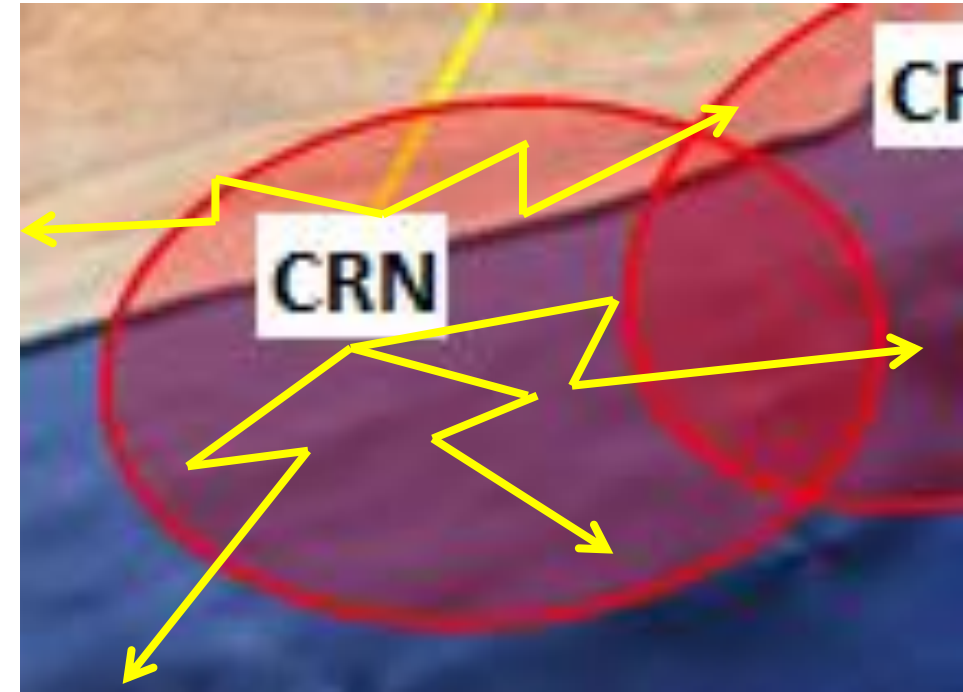
CRN

Locations for CRN:
Bosasso
Qandala
Caluula
Bargaal
Hafun
Bander Beyla
Eyl
Garaad
Other as recommended

Coastal Reporting Nodes are connected to the JMICC in a common ICT architecture;
Connectivity outwards to sea by VHF/Phone / emerging technologies (number and locations shown for illustrative purposes only)

Challenging Issues – Engineering assured Data Exchange in the Coastal Areas out to at least 12NM*

- The necessary hardware is ‘COTS’ available; no excessive pricing
- Issues to be addressed:
 - “Legacy” or more technologically advanced
 - Licences and frequency allocation for radio equipment
 - Delivery to Puntland and CRNs
 - Installation, upkeep and running costs
 - Procedural Training / TOT with Police



LoRaWAN = Long Range Wide Area Network

* Linked to initial ambition for MLEA



Provisional Implementation of the Maritime Safety and Security Architecture for Puntland



Focus Area ↓ / Year →	2019	2020	2021	2022
Joint Maritime Information and Coordination Centre	JMICC at Limited Initial Operational Capability (L-IOC)	JMICC at IOC; Link to NMISC* established (TBC)	Further improve linkage to external organisations and agencies	Commence planning for transition into the Puntland SITCEN
Coastal Reporting Nodes (CRNs)	Approx. 3-4 CRN at L-IOC	All CRN at IOC by end 2020	Introduce new technologies	Expand infrastructure
Puntland SITCEN	Awareness raising & orientation phase	Formulate design; identify funding instruments	Towards implementation if funding successful	Training Core Staff
Maritime Rescue Coordination Centre (MRCC)	Awareness raising & orientation phase (where situated?)	Implementation if possible, collocate with selected CRN	MRCC at IOC	Further improve and introduce new technologies
Education, Teaching and Training	For JMICC, CRNs, BP-MPU	As 2019 <i>plus</i> MRCC; include other security actors	Abroad courses	Abroad courses
Coast Guard Functions	Prioritisation; limited training and exercises	Focused engagement and exercises	Continue and expand	Continue and expand
Sea-going Capability Packages	Mentoring; limited equipment support (UNODC leading)	As 2019, within means and capability	TBC	TBC

NMISC – (Somali) National Maritime Informational Sharing Centre (i.a.w. Jeddah Amendment to Djibouti Code of Conduct)



Budget uncertainties

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Back-up Slides

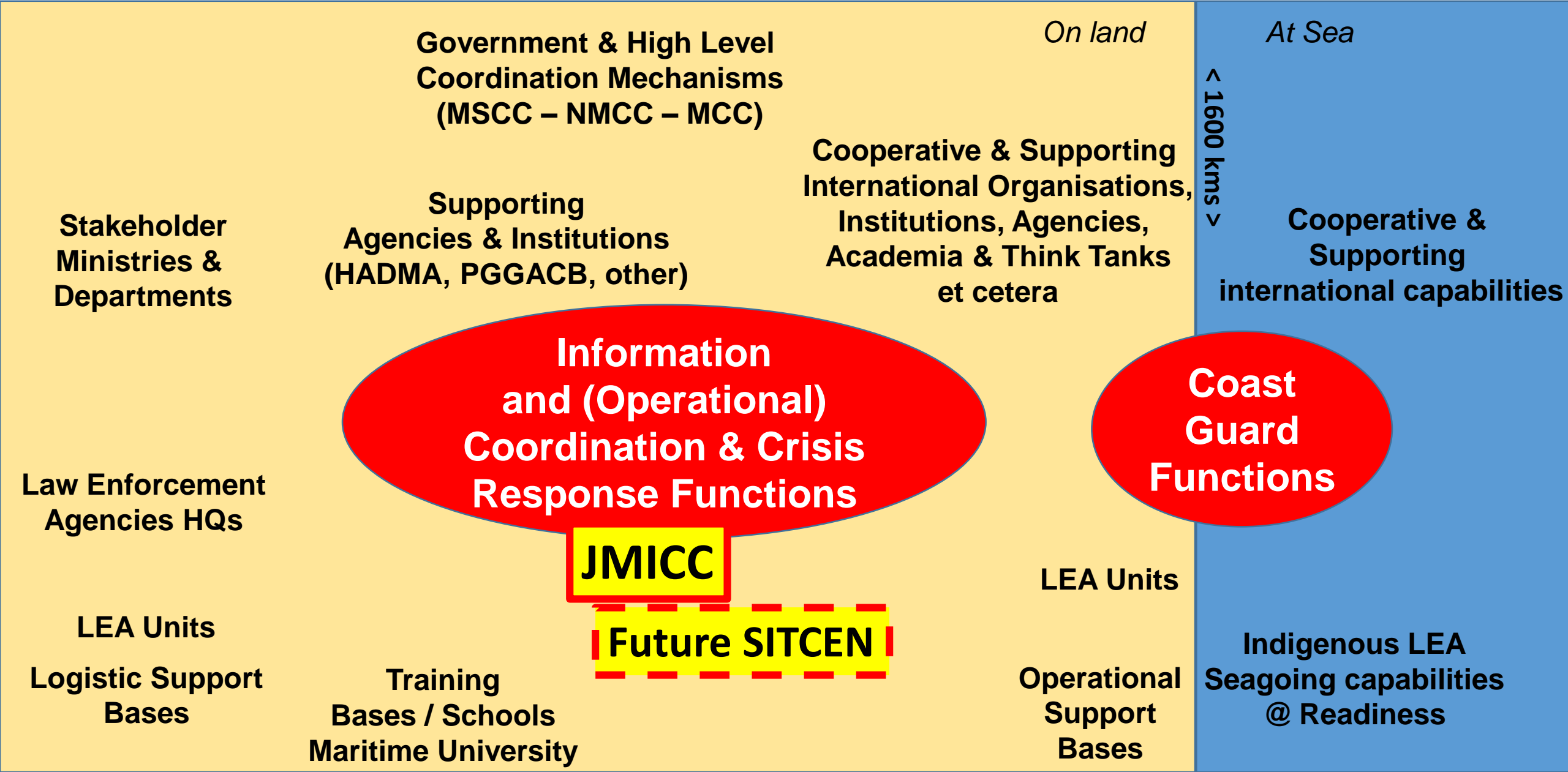
Value Chain Maritime Governance

JMICC 'Iceberg'

Transition JMICC 1.0 towards 2.0 (up to end 2020)



The Value Chain for Maritime Governance



The “JMICC Iceberg”



JMICC in its current location: a Working environment with IT, flat screen TVs, server room, office furniture and equipment, etc.

Trained and competent staff; working practices (SOP, SOI, etc.); Budget for running costs; JMICC POC Network; Coastal Reporting Nodes; enhanced facilities (kitchen/toilet); High Capacity internet; Formal Establishment; Achieving 24/7 ‘open for business’; motivated and happy staff; Stakeholder support; Sponsorships; external training courses; clear Vision and Mission; Job Descriptions; Staff’ “Critical Requirements”; HR policy; Mentor and OJT programme;

ET CETERA!!!



JMICC – Stakeholder Ministries

- Office of the President
- Ministry of Security & DDR
- Ministry of Maritime Transport, Ports & Maritime Crime Prevention
- Ministry of Fisheries and Marine Resources
- Ministry of Interior, Federalism and Democratization
- Ministry of Information, Telecommunication, Post and Cultural Heritage
- Ministry of Agriculture, Environment and Climate Change
- Ministry of Justice, Constitution & Religious Affairs and Rehabilitation
- Ministry of Finance
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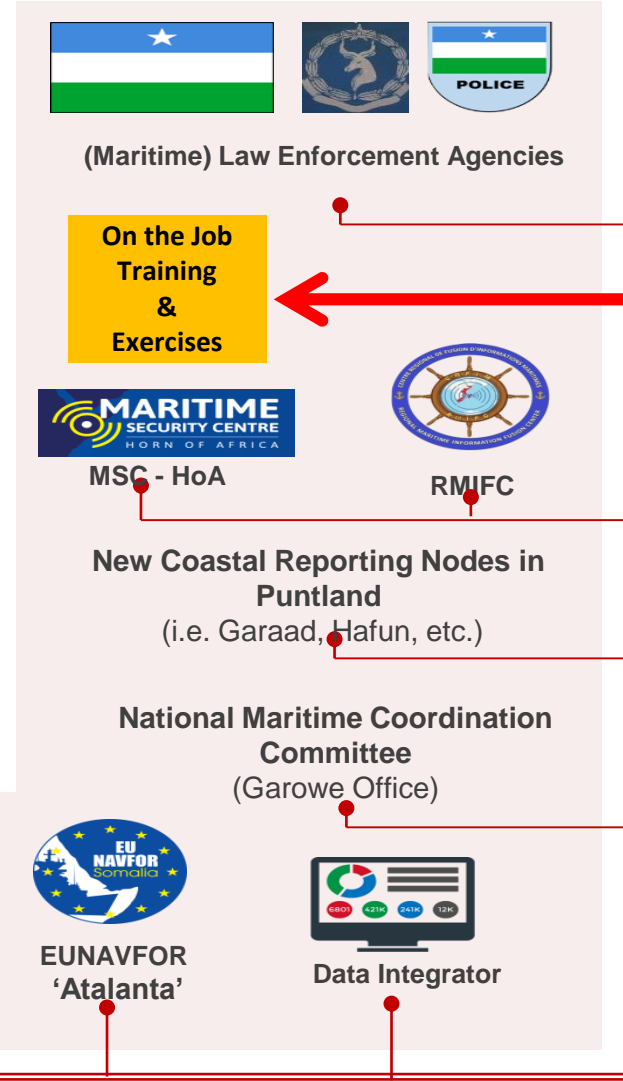
IMPLEMENTATION PLAN – TRANSITION JMICC 1.0 TO JMICC 2.0 (2019 – 2020)



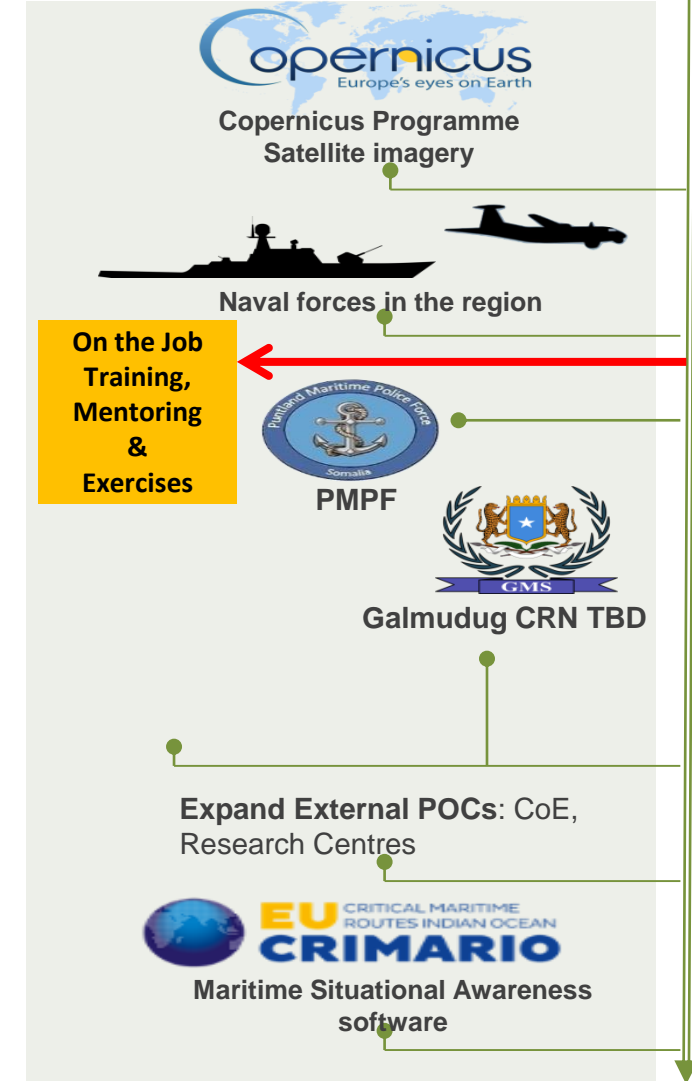
Phase 1 Q1 – Q3 2019



Phase 2 Q3 – Q4 2019



Phase 3 Q1 – Q4 2020



2019: Limited – Initial Operational Capability

Dec 2020: Initial Operational Capability

PUNTLAND SITUATION CENTRE

Towards a Puntland SITCEN

- Initial scoping of the design started
- Apparent appetite with EUCAP Somalia and 'Brussels' to support the ambition to develop a SITCEN that can operate beyond the maritime domain
 - Puntland Office of the President to formally request EU Delegation in Somalia for support
- Recommendation to OoP to establish a "SITCEN Taskforce" to commence the work
 - 1st suggestion offered on 10 Dec 2017
 - Action now required to meet provisional timeline

CONCEPT 3D IMPRESSION



SECTION - CLIMATE RESPONSIVE ARCHITECTURE



CONCEPT 3D IMPRESSION



Instructing authorities:

JMICC

Mr. M.J.M.S. Hekkens

Mr. G. Ahmed

Analysis and design:

Stijlgroep

Piekstraat 33

3071 EL ROTTERDAM

PO box 50511

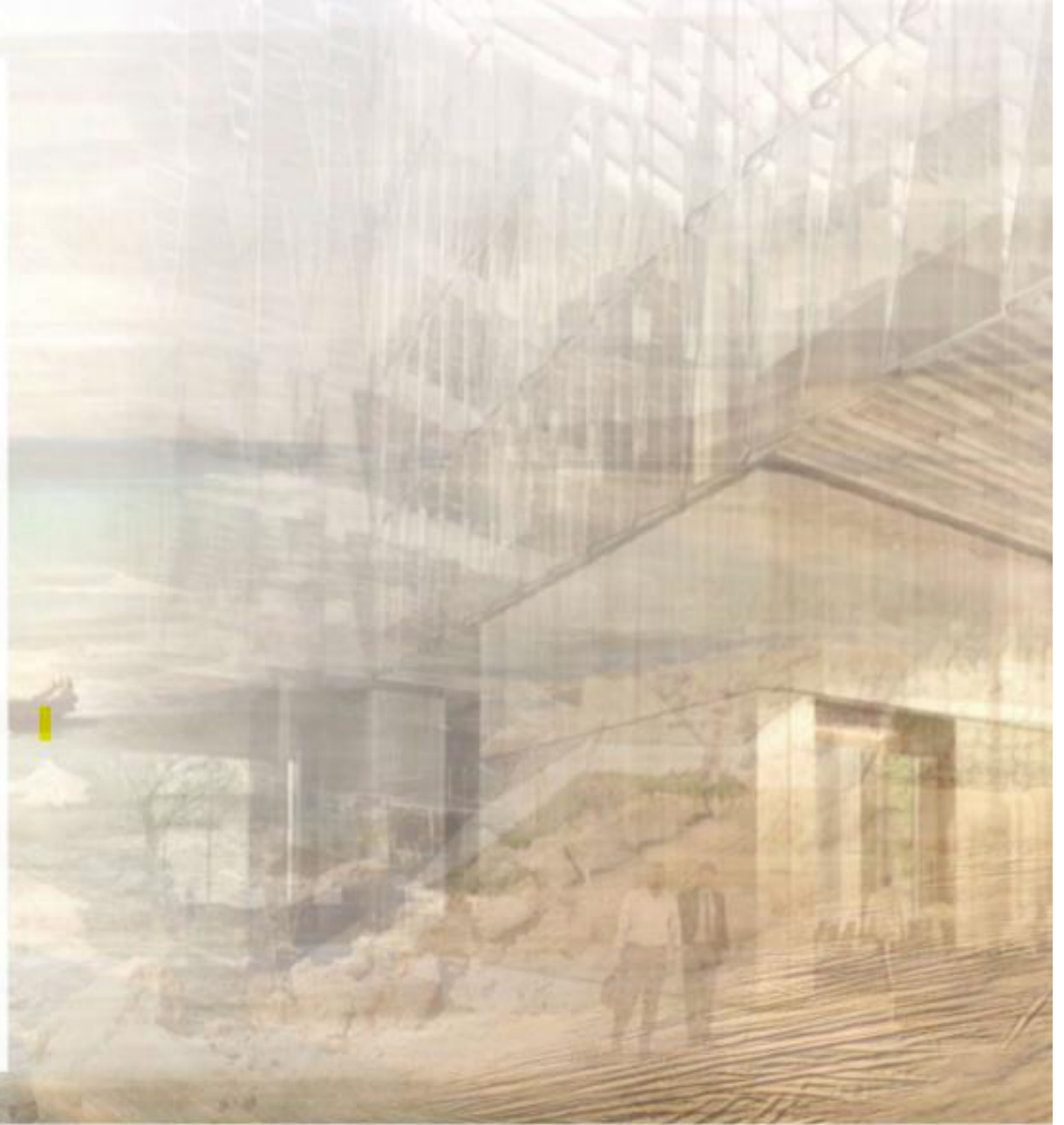
3007 JA ROTTERDAM

THE NETHERLANDS

T +31(0)10 413 8020

mail@stijlgroep.nl

www.stijlgroep.com



Challenges and Opportunities

General and regional
Challenges JMICC
Opportunities



General - Challenging Engagement Environment

- Full Puntland Governmental level buy-in of the utility of the JMICC needs further consolidation with the Administration
- Cultural and historical influences and ‘legacies’ are not conducive to \updownarrow and \leftrightarrow information sharing
- Human Resources - young and inexperienced staff
- Geographical situation, remote areas and ‘ungoverned spaces’
- Infrastructural and technological limitations
- Limited indigenous sea-going capabilities (< 12NM)



Sea of Oman, 13 June 2019

*“Regional
atmospherics”*



Four commercial vessels were sabotaged near Fujairah emirate, 12 May 2019

Challenges JMICC – two main categories

- Increase individual and collective skillsets and competences
 - Language
 - General knowledge
 - Specific knowledge
 - Balance ‘cultural aspects’
- Sustainable and predictable (‘guaranteed’) funding streams
 - EU funding mechanisms
 - Puntland Authorities
 - Public and Private Sponsors / Partnerships
 - Other (‘crowd funding’)

Opportunities – “many, however....”

- JMICC is a ‘driver for change’
- Gradual increase in enhanced awareness in maritime safety and security across government
 - Need mentoring and coaching
 - ‘Theory needs to go hand in hand with equipment and skilled HR’
- Future employment prospects for young professionals, seeking a career in the Maritime Cluster
- Positive signal for FDI