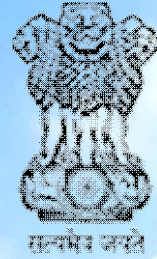


NITI Aayog



Incredible Islands of India (Holistic Development)

Key Note Presentation by CEO - NITI Aayog

Pravasi Bhartiya Kendra
August 10, 2018

Disclaimer

The objective of this document is to provide preliminary information on the development of sustainable eco-tourism projects in Andaman & Nicobar and Lakshadweep Islands to potential investors and other stakeholders to facilitate their evaluation of the investing opportunity in the Project. The Union Territory of Andaman & Nicobar and Lakshadweep respectively are hereinafter referred as the Authority. NITI Aayog is facilitating the implementation of the Project by providing support to the respective UT Administrations.

Each recipient of this document must make its independent assessment of the Project with regard to the relevance and adequacy of the information contained herein, and should make the investigation that it deems necessary, to determine its interest in participating in any way in the Project. This document is not and should not be construed as a recommendation by the Authority or NITI Aayog to participate in the bid process for the Project.

Any statements contained herein characterizing the Project, the market potential and the project economics are statements of opinion and should not be construed to be representations or warranties. The Authority and NITI Aayog disclaim all responsibility for any decisions based on the contents of this document.

This disclaimer does not purport to include any warranties implied by law, which may not be lawfully excluded.

Foreword by CEO - NITI Aayog



Amitabh Kant
CEO – NITI Aayog



The global tourism scenario is changing rapidly. Given the unfolding scenario and opportunities, I have no doubt in my mind that tourism in the country can be one of the biggest drivers of growth and a major employment generator. I also believe that the private sector can play a pivotal role in tourism related projects and in creating a range of new experience for the travellers.

India has a total of 1,382 off-shore identified islands. The development potential of these islands and maritime resources has been accorded high priority. The Government has constituted Island Development Agency (IDA) an apex body, under the chairmanship of Hon'ble Home Minister, in June 2017, which has mandated NITI Aayog to steer the Holistic Development of Islands program.

I would like to thank and acknowledge the continuous support provided by the Lt. Governor of Andaman & Nicobar, Admiral D.K Joshi and Administrator of Lakshadweep Islands, Shri Farooq Khan towards the preparation of these projects.

NITI Aayog, Ministry of Home Affairs and the UT Administrations, along with other agencies of Government of India shall fully endeavour for successful development of these projects. I am therefore pleased to invite you all to have an insight into the proposed contours of the project and assess them as investment opportunities.



Glimpses from the Event



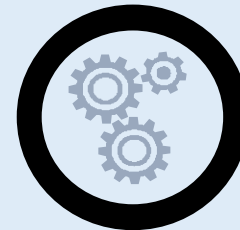
Agenda



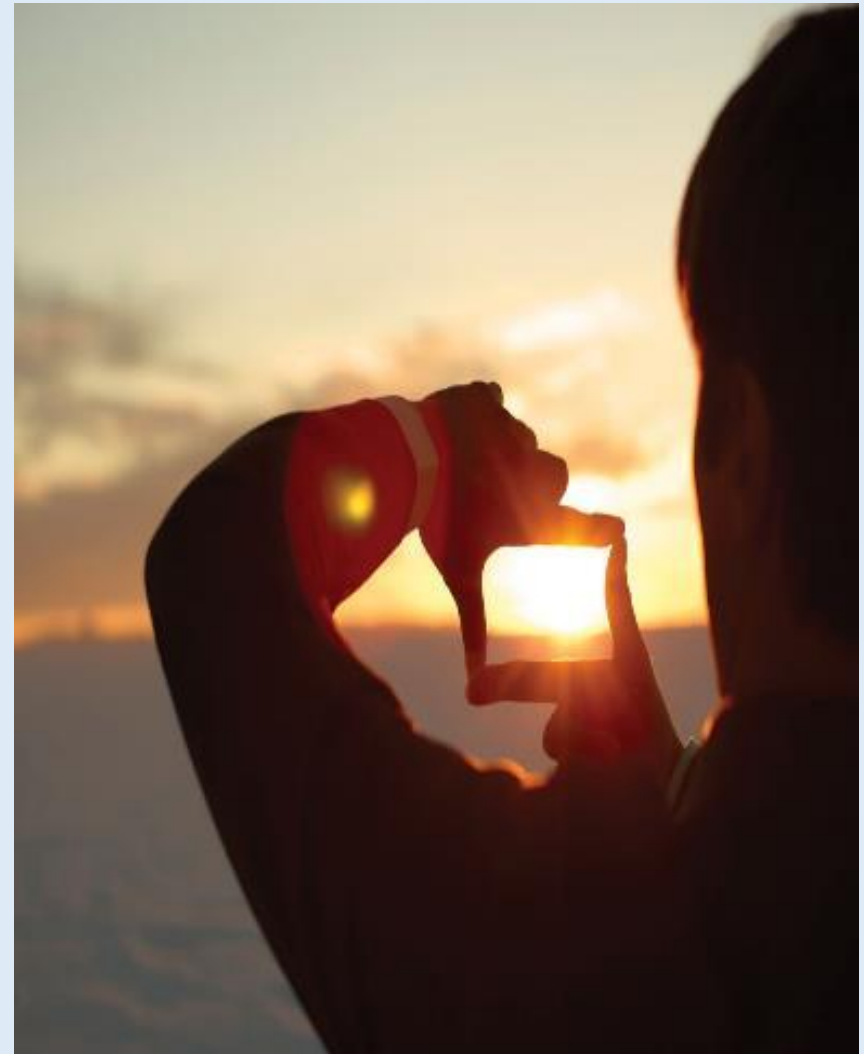
India's Maritime Potential



The Opportunity

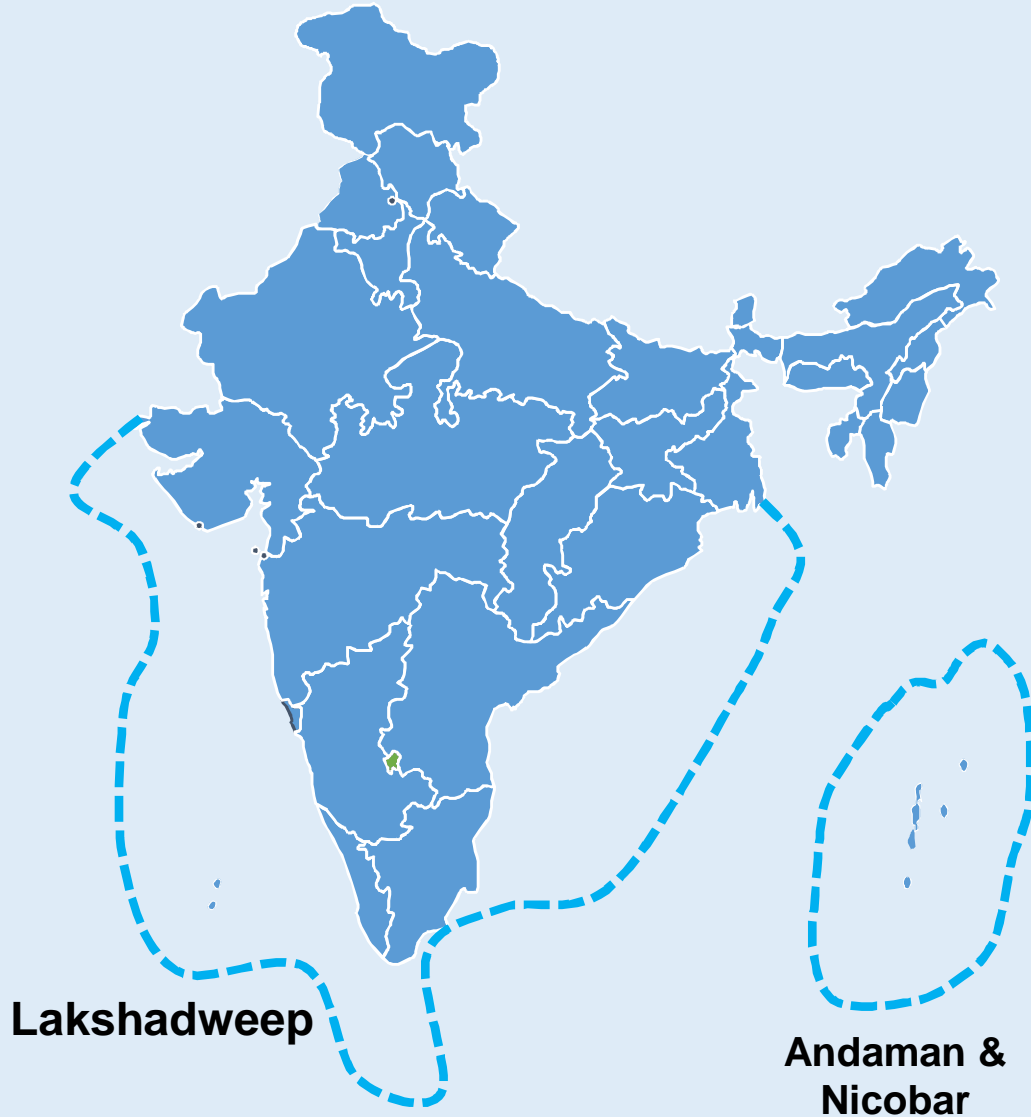


Transaction Structure



India's Maritime Potential

Massive and Unexplored



Coastline
of India



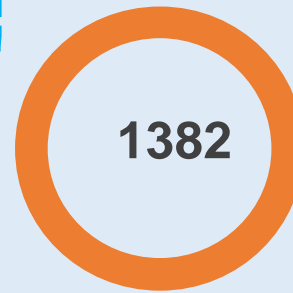
Tourist arrivals
to islands in
2017



EEZ of
India



Unexplored
territories



Offshore
islands &
islets



Tourism
spending
impact on
GDP
spending

Strategic Advantage of the Islands

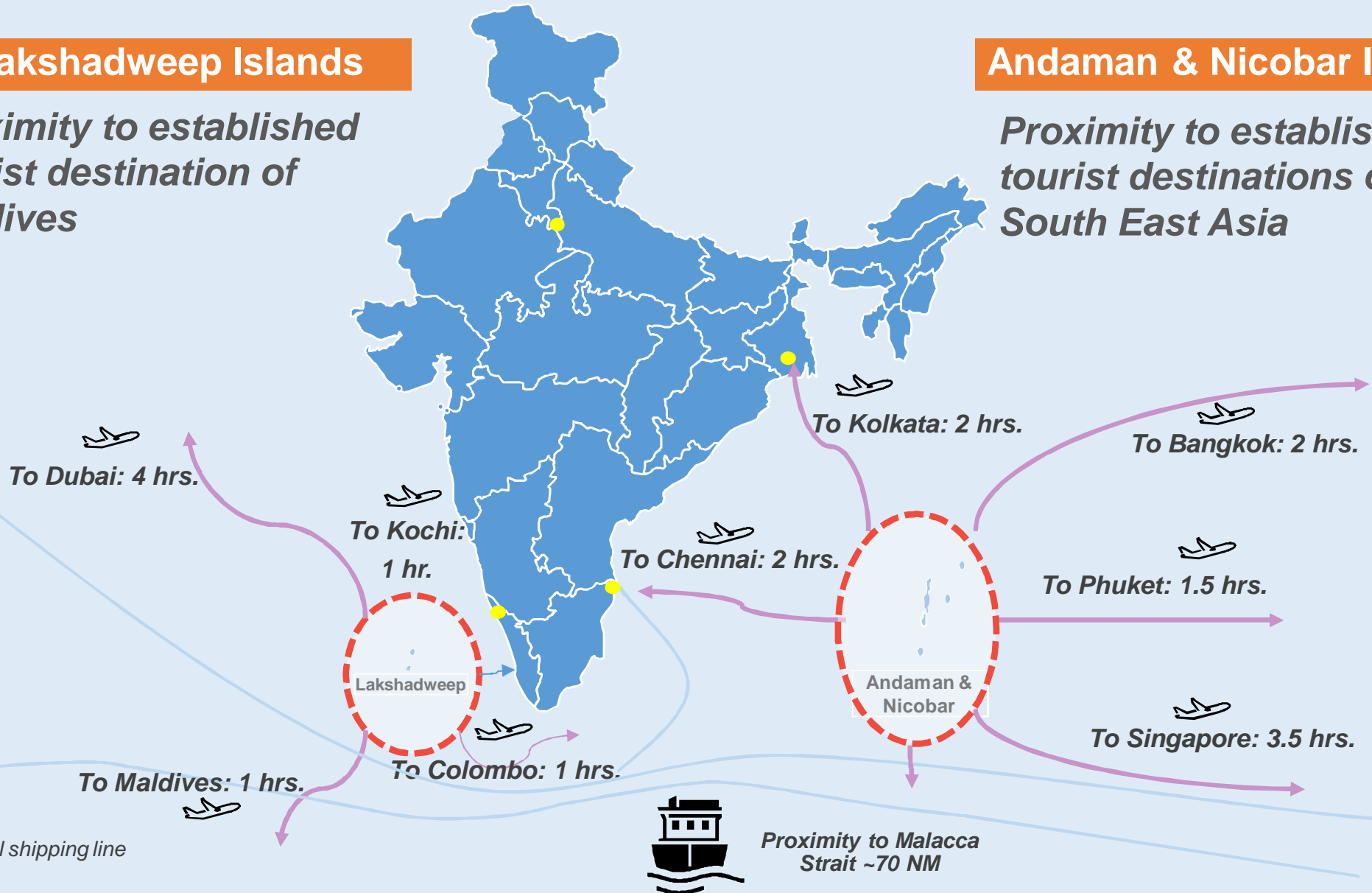
Position as 'exotic island destinations' of the world

Lakshadweep Islands

Proximity to established tourist destination of Maldives

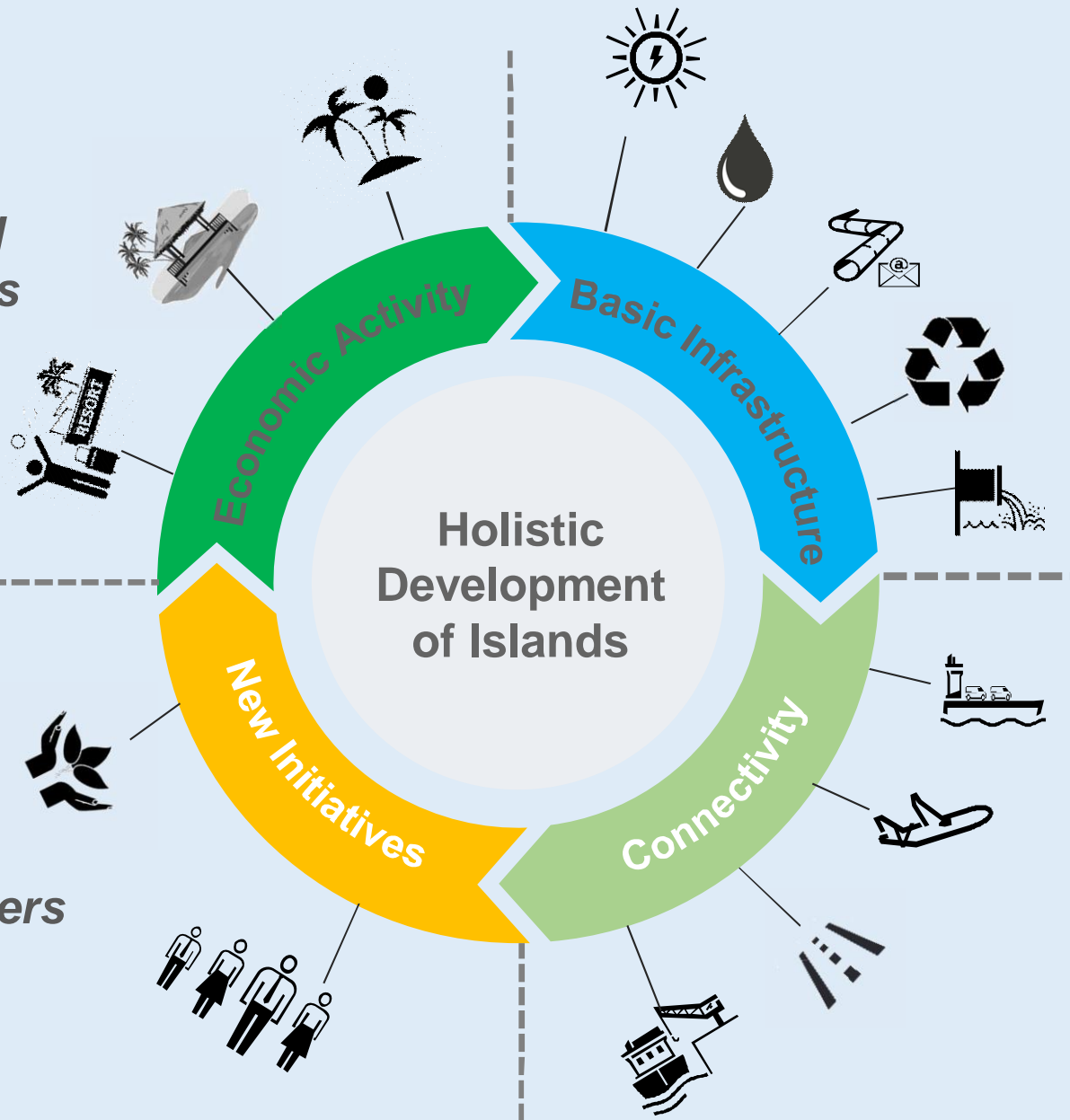
Andaman & Nicobar Islands

Proximity to established tourist destinations of South East Asia



Holistic and Sustainable Development of Islands

Carrying Capacity based tourism and economic activities



Developing basic and support infrastructure to support socio-economic development

Green Energy (de-dieselization), Promotion of Fisheries, Job creation for Islanders

Providing fast, reliable and cost effective connectivity – intra & inter islands

Key Initiatives by the Government

Substantial ground covered, high degree of preparedness



Institutional Structure

Island Development Agency - Apex body

NITI Aayog - Steering body

UT Administrations - Concessioneing authorities

ANIIDCO & SPORTS - Project Management Agencies



Project Preparation

Technical studies

Project packaging

RAP requirement for foreigners visiting A&N Islands has been dispensed with



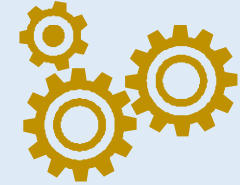
Supporting Infrastructure

Infrastructure projects taken up as Early bird projects

ü Connectivity

ü Power

ü Water



Transaction Process

Transaction Advisor appointed

Investors' Conference

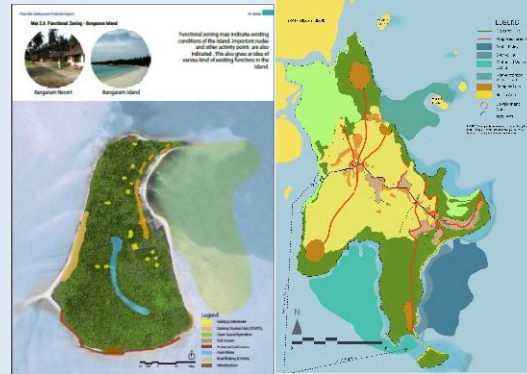
Bid documents being finalised

2 stage bid process

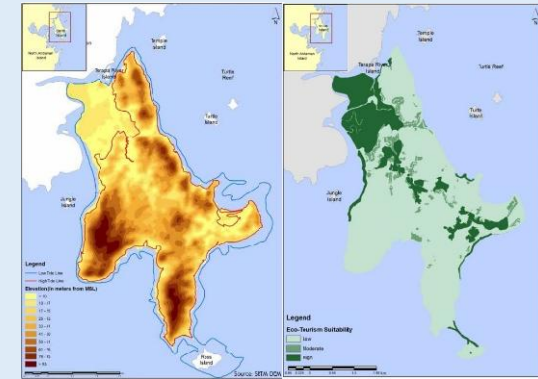
Project Preparation



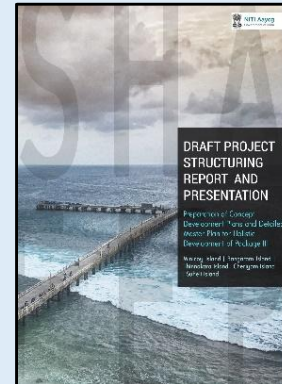
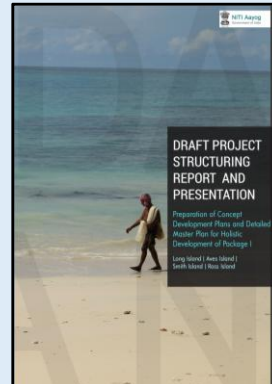
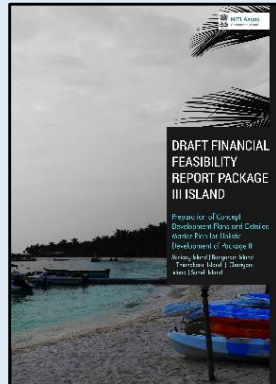
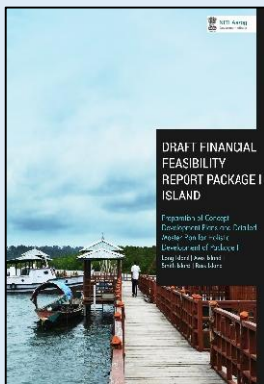
ü **Development potential of all Islands**



ü **Master Planning for sustainable development**



ü **Carrying Capacity & Environmental Zoning**



ü **Project Structuring and Financial Feasibility**



ü **PPP Projects identified for implementation**

Project Packaging – The Concession Package



Maximum number of Keys based on Carrying Capacity



Captive infra-projects to ensure Self - Sustainance



Development Standards - (LEED, GRIHA, GREEN GLOBE)



Upfront CRZ Clearance & other key approvals



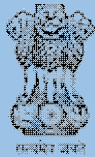
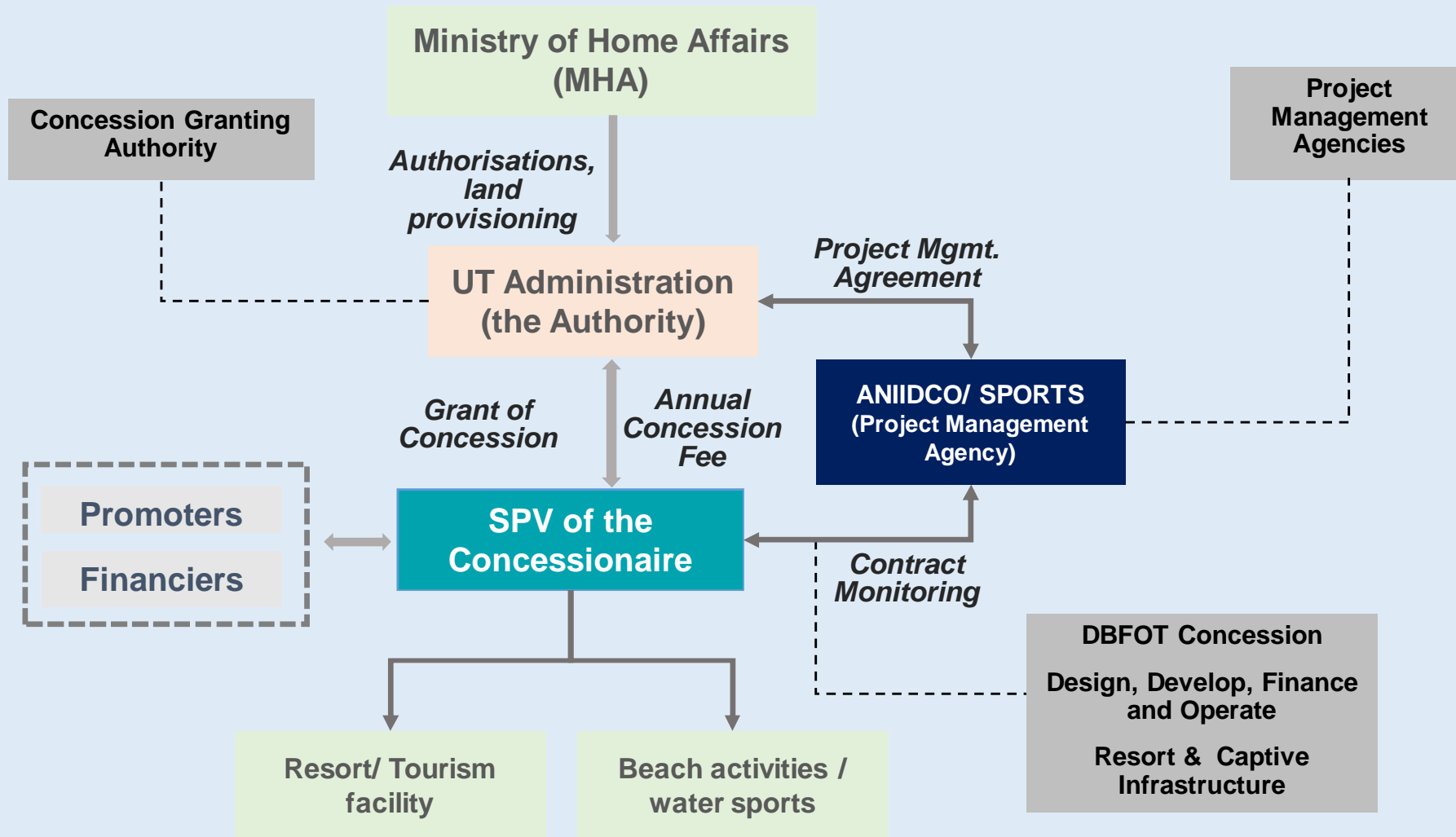
Encumbrance Free Land (Government Owned)

Transaction Structure



Picture: Long Island, Andaman & Nicobar

Transaction Structure



NITI Aayog
(Steering Body)

Key Approvals

Approval*	Authority
Coastal Regulation Zone (CRZ)	✓
Liquor / Alcohol & Bar License	✓
'Consent to Establish' & utility requirement during construction	✓
Approvals for tourism activities	✓
Fixing the Carrying Capacity for tourist activities	✓

* Subject to fulfilling extant guidelines and regulations

Critical approvals provided upfront by the Concessioneing Authority with an objective of de-risking the development period substantially

Roadmap Ahead

10 Aug 18
Investors'
Conference



Aug'18
Launch of
RFQ*



End Sep'18
Receipt of RFQ
applications



Mid Oct'18
Shortlisting
and issue of
RFP*



Mid Nov'18
Site visit &
pre-bid
meetings



End Dec'18
Award of
Project



End Jan'19
Signing of
Agreement



The Opportunity – Private Sector Participation



Picture: Smith Island, Andaman & Nicobar

Andaman & Nicobar Islands – The Projects



§ **Eco-Tourism Project Pipeline – 6 projects** for private sector participation:

- **Ready to Launch** - 3 projects in Smith, Aves, Long Island
- **Under preparation :**
 - 2 projects in Little Andaman
 - 1 project in Neil

§ **Connectivity & Infrastructure** projects

§ More projects being identified in Ross & Smith, Aves, Long Island

§ Committee constituted for Little Andaman and Great Nicobar to address land issues for holistic development

Lakshadweep Islands – The Projects



§ **Eco-Tourism Project Pipeline – 5 projects** for private sector participation:

§ **Ready to Launch**

- 3 projects in Kadmat, Minicoy and Suheli
- 2 water villa projects in Minicoy and Suheli

§ **Connectivity & Infrastructure projects**

§ More projects being identified in Suheli, Minicoy, Bangaram, Thinnakara & Cheriyam

§ Action plans being prepared for another five Islands – Kalpeni, Kadamat, Agatti, Chetlat and Bitra

Andaman and Nicobar

1. Ready to Launch Eco-Tourism Resort Projects



Picture: Lalaji Bay, Long Island, Andaman & Nicobar



Admiral D. K. Joshi

Foreword by Hon'ble Lt. Governor, Andaman & Nicobar Islands



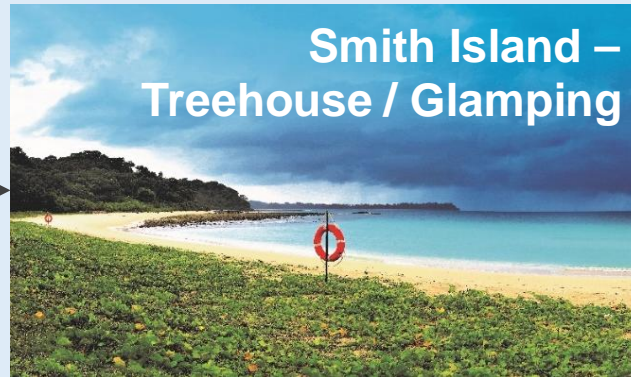
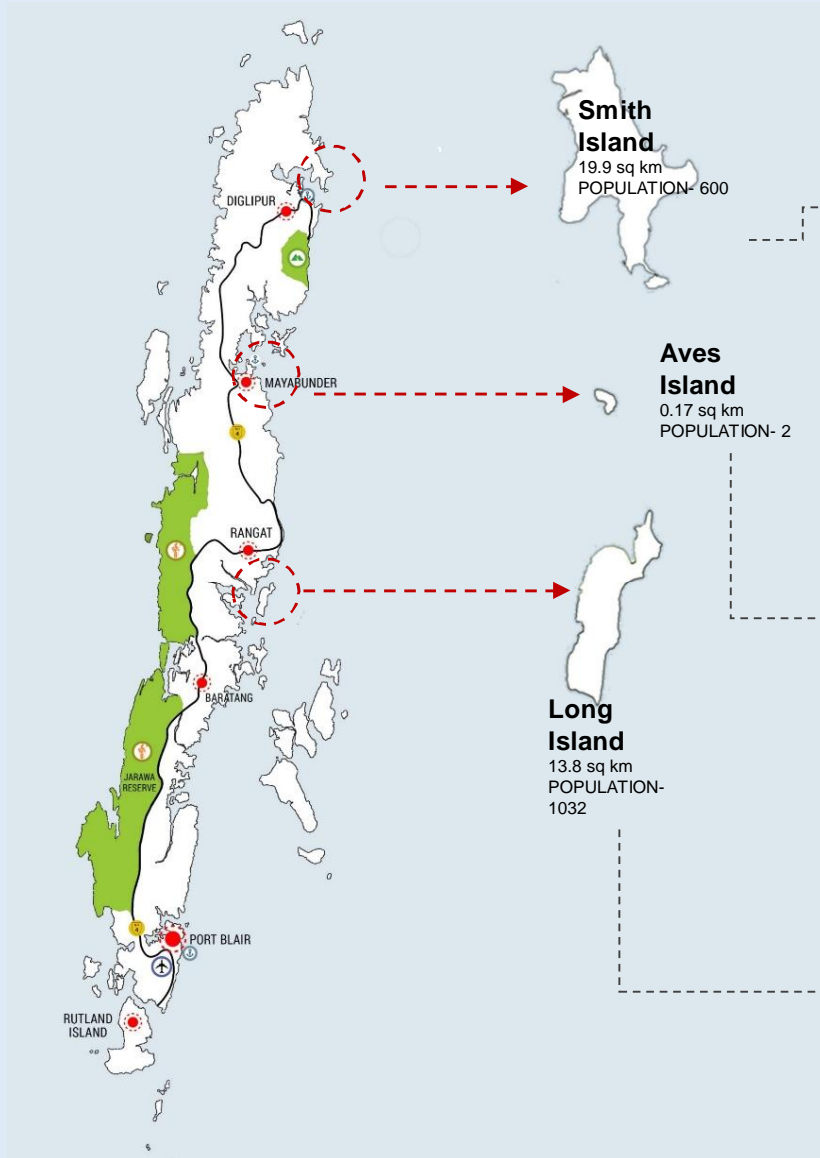
The re-constitution of Islands Development Agency in 2017 is an indicator of the intent, vision and focus of the Government towards holistic development of our islands territories. The identification of hitherto suppressed and under-exploited engines of growth, i.e. our island territories and focusing on them will not only benefit the islanders but will also contribute significantly to our overall economic profile. The A & N Administration is the beneficiary of NITI Aayog's professional support in furthering these initiatives.

The focus on holistic development will foster growth of tourism in the region, invigorate the economic potential of the islands and provide remunerable job opportunities to the inhabitants. Eco-tourism activities sensitive to the ecology, bio-diversity and the strategic locations of the islands are being promoted through this initiative. The government is supporting not only tourism-based initiatives through single window-clearances and information system, but other integrated aspects related to physical and digital connectivity are also being addressed. The A & N Administration is working in tandem with NITI Aayog on these initiatives and is committed to supporting the projects vigorously to ensure their timely commissioning.

The projects are expected to usher the islands into a new era. By matching the considerations of economic growth with sensitivity towards history and heritage, ecology, flora and fauna of the islands, I am hopeful that a new model and benchmark will be set, which can further be emulated and adopted.



Ready To Launch – Projects



25 Ha

70 Keys

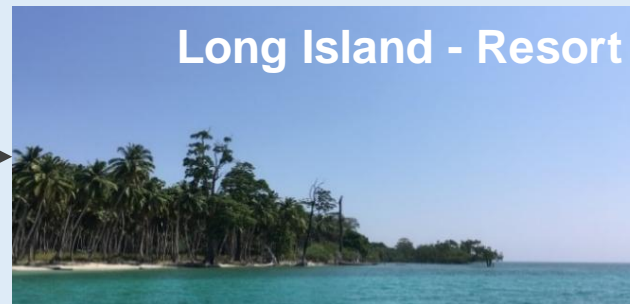
~70 Cr



2.75 Ha

50 Keys

~40 Cr



42 Ha

220 Keys

~400 Cr

Ready To Launch – Resort at Lalaji Bay

Long Island



Existing Naval Setup



Long Island Landscape

Eco-tourism Resort

INR ~400 Cr

220 Keys

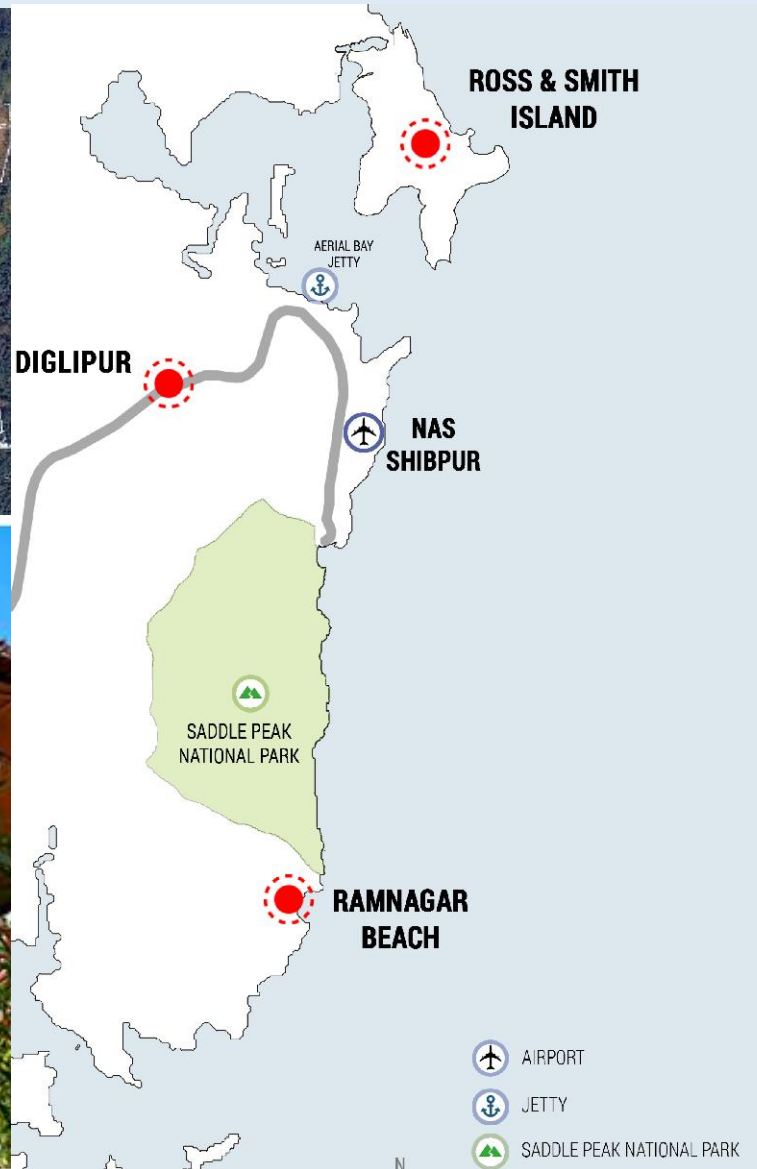
42 ha

Benchmarking Standards
GRIHA, LEED, Green Globe

Captive-Infrastructure

License and Permits for
Tourism Activities

Ready To Launch – Smith Island



Tree-house / Glamping

INR ~70 cr

25 ha

70 Keys

**Benchmarking Standards
GRIHA, LEED, Green Globe**

Captive-Infrastructure

**License and Permits for
Tourism Activities**

▶ 20 minutes boat ride from Diglipur Airport

Ready To Launch – Aves Island



Glamping

INR ~40 Cr

50 Keys

2.75 Ha

Benchmarking Standard
GRIHA, LEED, Green Globe

Captive-
Infrastructure

License and Permits
for Tourism
Activities



- 20 minutes boat ride from Mayabunder
- Along the Portblair- Diglipur sea route

3 Ready To Launch projects – Current Status

- **Development studies, feasibility & project structuring** undertaken
- **Survey and Demarcation** of project areas completed
- **CRZ application** filed
- **Transaction Advisor** appointed
- **Pre-qualification** exercise to commence shortly

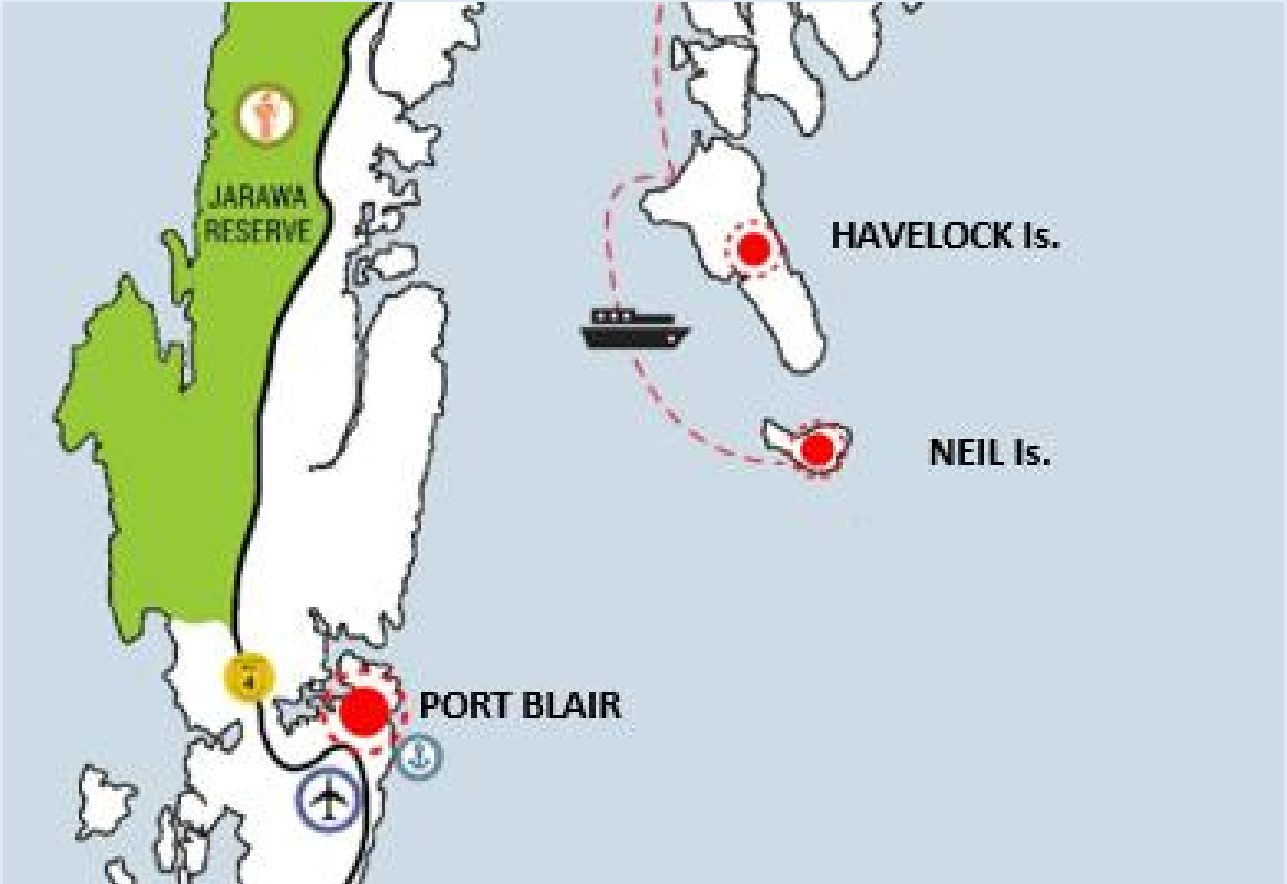
Andaman and Nicobar

2. Under Preparation Eco-Tourism Resort Projects



Picture: Smith Island, Andaman & Nicobar

Under preparation – Resort at Neil Island

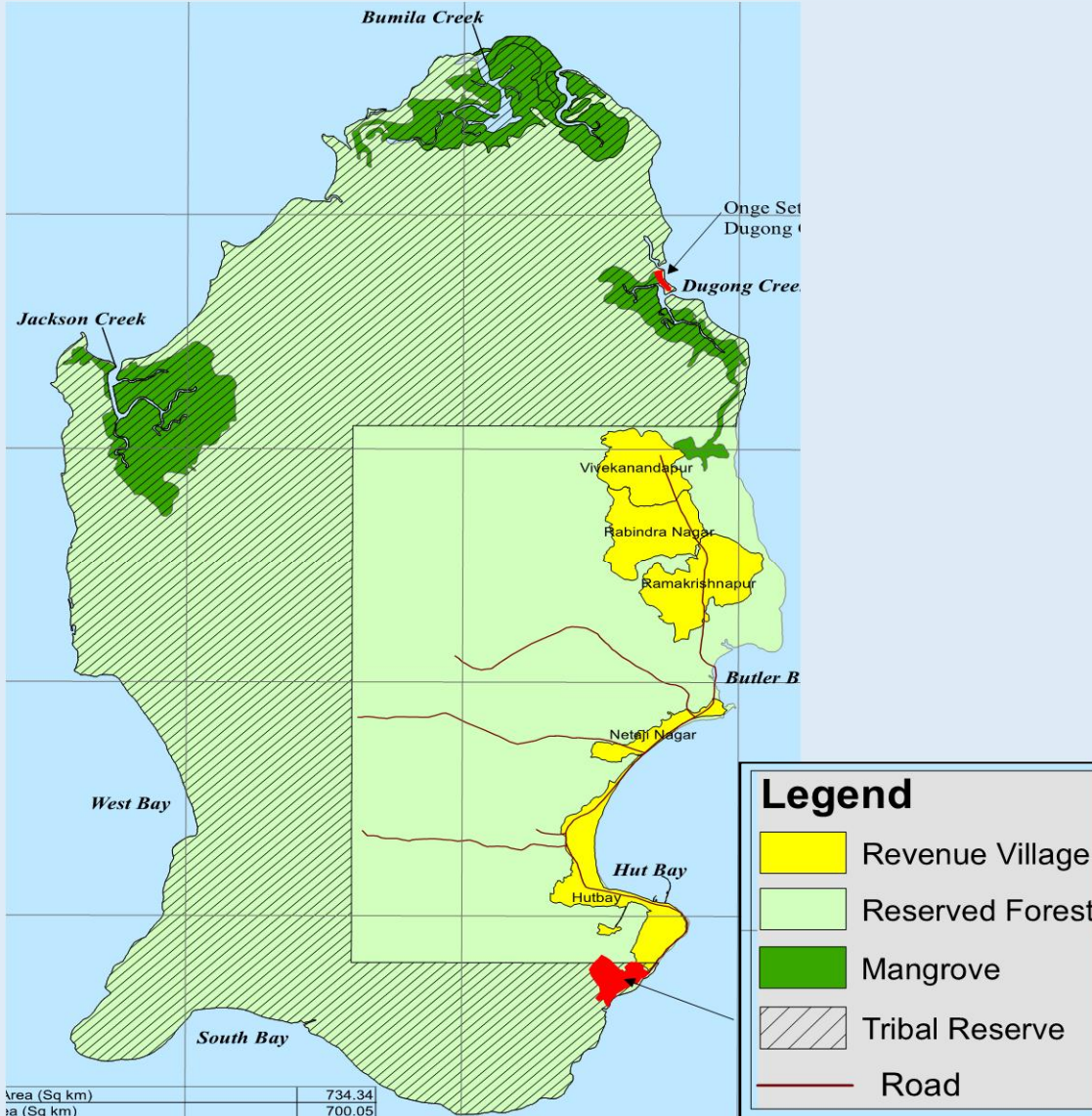


9.7 Ha

**Benchmarking Standard
GRIHA, LEED, Green
Globe**

**42 km from Port Blair via sea (~1.5 hrs)
16 km from Havelock Island via sea
(~1 hr)**

Under preparation – Resort at Little Andaman



- Total Area – ~734 sq km
- 2 sites identified on revenue land for eco-tourism development

**Benchmarking Standard
GRIHA, LEED, Green Globe**

100 km from Port Blair via sea

Andaman and Nicobar

3. Under Preparation Infrastructure and Connectivity Projects

Picture: Smith Island, Andaman & Nicobar

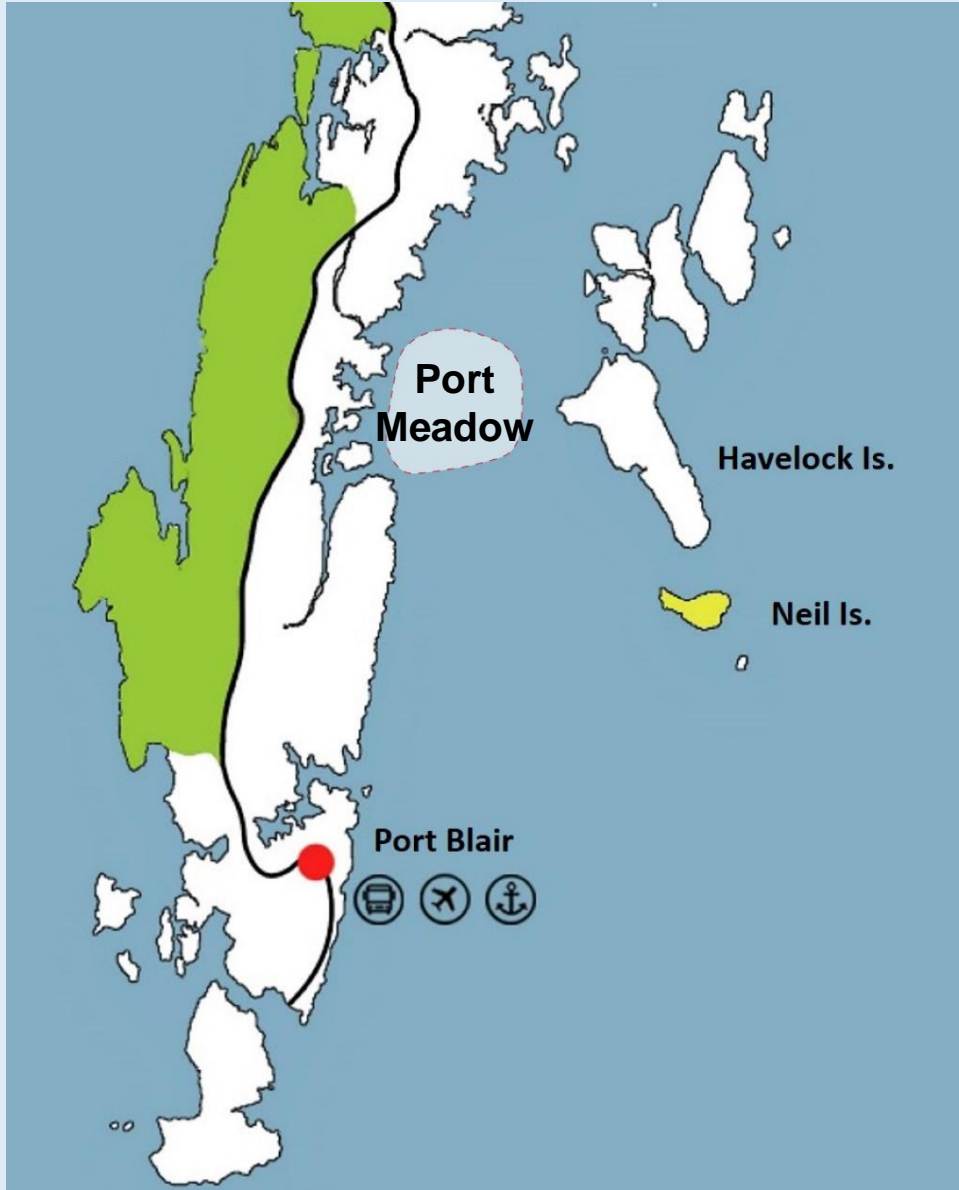


Under preparation Transshipment Project, Great Nicobar



- The largest Island in A & N (1045 sq km)
- Close to Malacca Strait (90 km)
- Trans-shipment terminal at South Bay – feasibility being explored
- A Potential Ecotourism Site in Great Nicobar – carrying capacity being assessed

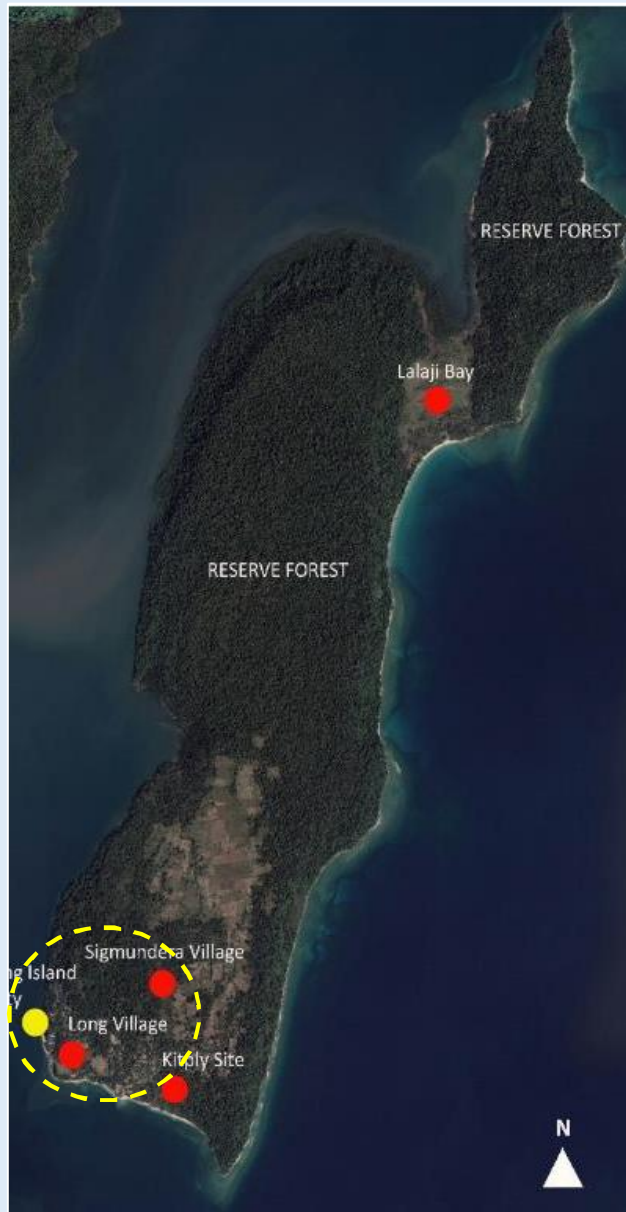
Port Meadow



- STS Transshipment Hub at Port Meadow
- Development of Marina to be explored
- All weather tranquillity to perform STS operation
 - Natural depth - 50 m
 - Turning circle – 2 NM
 - Basin area - 66 Sq NM
- Notified as Port vide GSR 995(E) on 20th Oct 2016

Sea Connectivity

- Improvement of Existing Jetty in Long Island
- Ministry of Tourism to fund from its ongoing schemes
- Potential of developing Yacht Marina on PPP



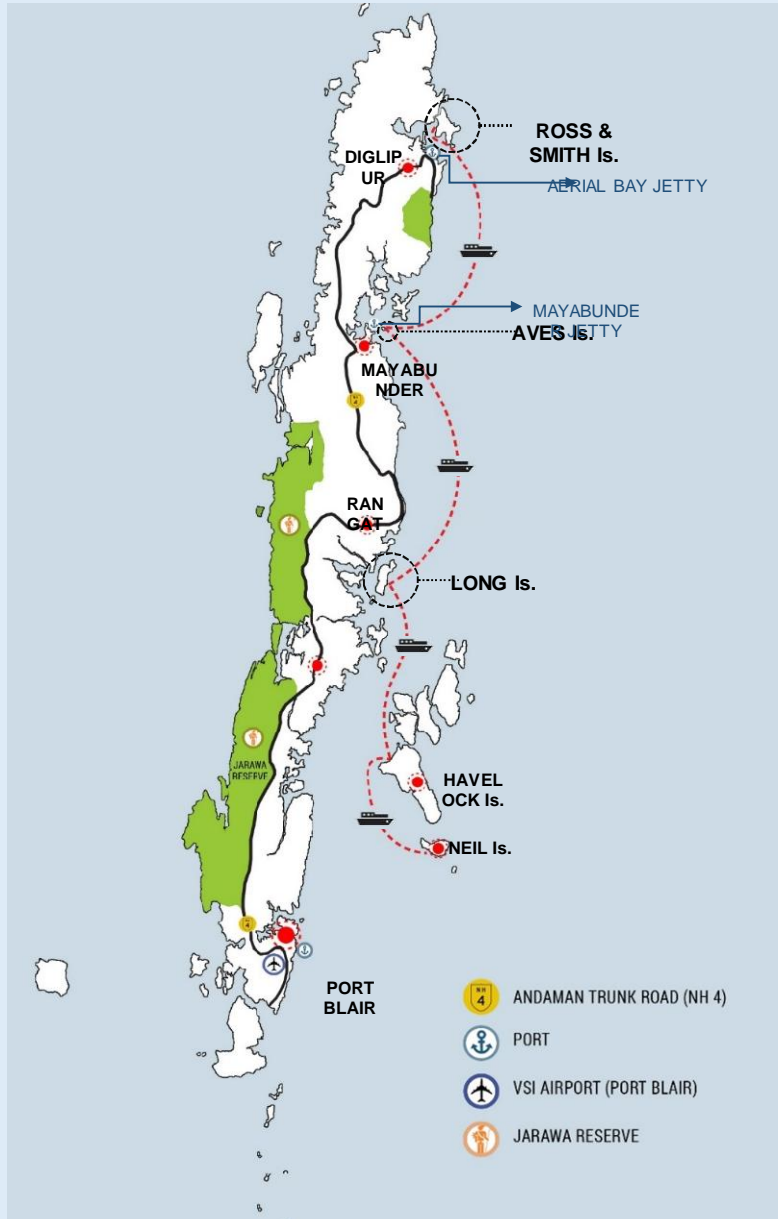
Existing jetty Site



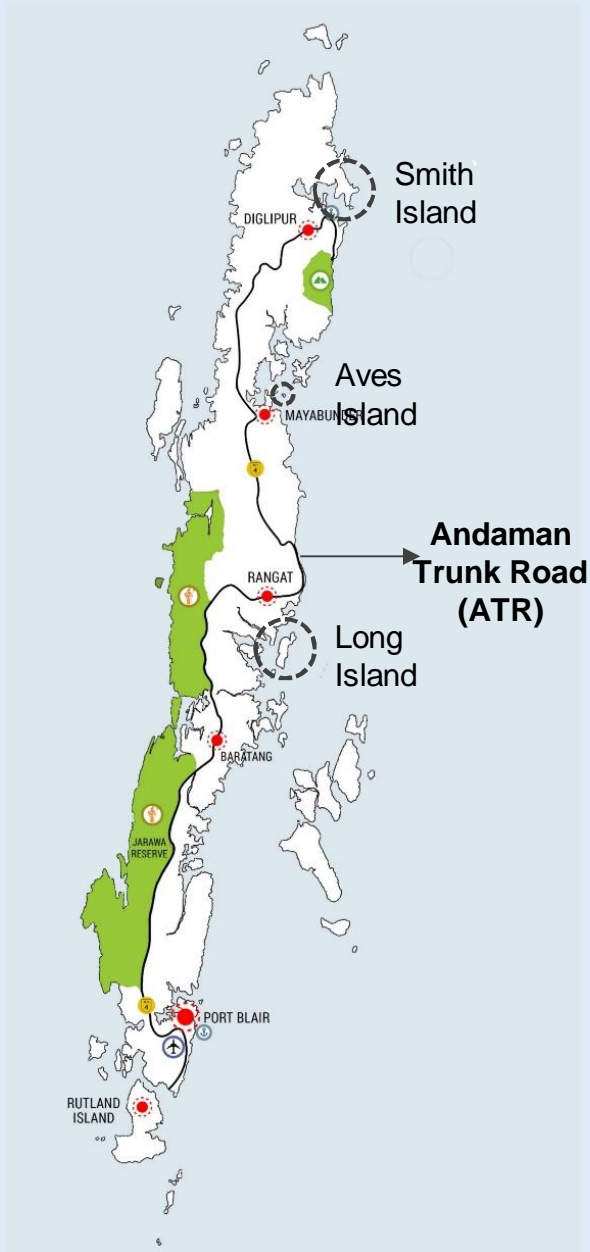
Kochi Marina

Roll-on/Roll-off (RoRo) Connectivity

- Roll-on/Roll-off Ferry Project on PPP Mode to boost sea connectivity
- NITI Aayog finalizing:
 - Techno-Economic Feasibility
 - Revenue Model
 - Concession Agreement

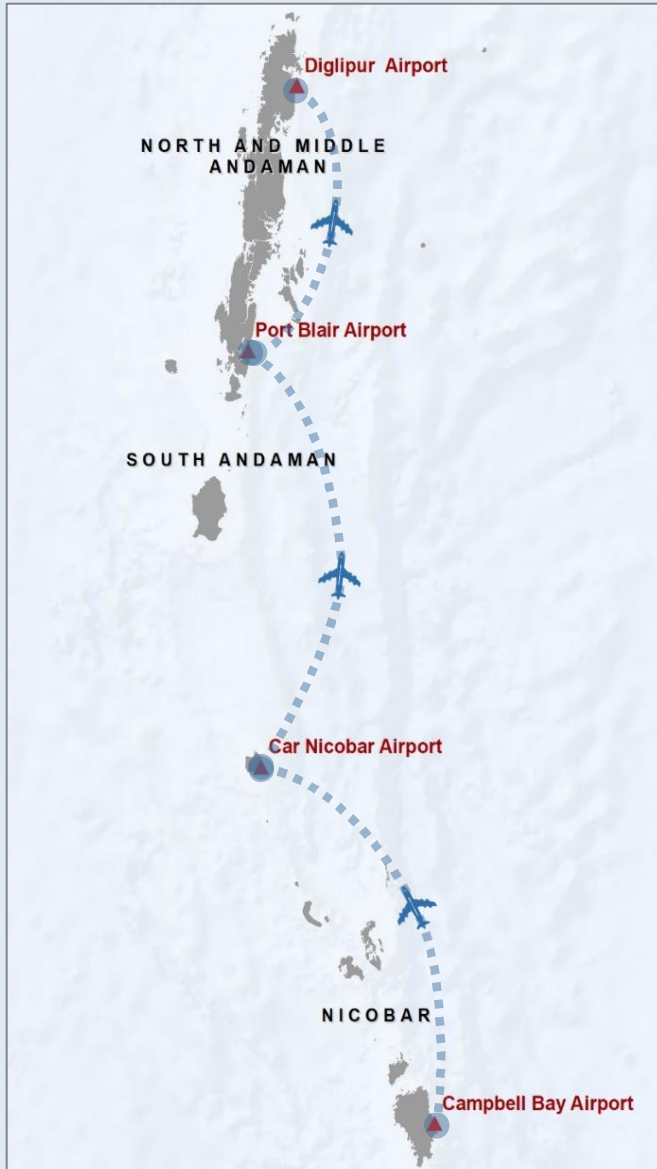


Road Connectivity



- **Andaman Trunk Road (ATR)** - an important road - connects Port Blair to Middle and North Andaman
- NH-4 upgradation has been included in the early bird project
- Construction of **Humphrey Strait Bridge** started
- Middle Strait Bridge – Review application for CRZ clearance filed before NGT
- Agreed by Ministry, Clearance from NGT being taken

Air Connectivity



- Diglipur Airport to be made operational for civilian aircrafts by December, 2018
- Port Blair, Car Nicobar, Campbell Bay and Diglipur Airports to form an Air Circuit
- Diglipur, Car Nicobar and Campbell Bay airports are also included in Regional Connectivity Scheme (UDAN)
- Reviving Sea Plane Operations under UDAN Scheme
 - Water drone locations has been identified at Diglipur and Mayabunder.
 - In 2nd Phase Smith, Long and Neil Islands are under consideration
- Existing helipads (17 Nos.) to promote Heli-Tourism

Digital Connectivity & Green Energy



Digital Connectivity

- Augmentation of satellite bandwidth from 1.118 Gbps to 2.7 Gbps to be completed by Dec., 2018
- Under Sea OFC awarded, to be completed by Dec., 2019
- Promotion of IT - based MSMEs can be taken up
- Incentives as contained in Industrial Policy for North East (NEIDS, 2017) could be extended to both A&N and Lakshadweep

Promotion of Green Energy



- Augmenting power generation - using diesel not desirable
- A Roadmap put in place for promotion of renewable energy
- MoUs signed with NLC India Ltd. and NTPC Ltd. for 45MW Renewable Energy projects
- Feasibility assessment for Solar Projects (11.5 MW each in Long and Smith Island, 0.8 MW in Aves Island) completed – MNRE to support UT Administration in project implementation



Lakshadweep

1. Ready to Launch Eco-Tourism Resort Projects



Picture: Minicoy Island, Lakshadweep

Ready To Launch – Projects



5.5 Ha

50 Keys

~90 Cr



3.2 Ha

44 Keys + 44 Villas

~80 Cr*



1.7 Ha

38 Keys + 32 Villas

~65 Cr*

* Water Villas – Being reviewed, cost estimates not available



Ready To Launch – Resort & Villas at Minicoy



1.7 ha

38 Keys

32 Villas*

65 Cr*

** Water Villas – Being reviewed, cost estimates not available*

**Benchmarking
Standard
GRIHA, LEED, Green
Globe**

Captive-Infrastructure




**License and Permits
for Tourism Activities**

- 2 hours Helicopter ride from Agatti Airport
- Shipping Service from Kochi
- 66 nm from Maldives



Ready To Launch – Resort & Villas at Suheli



-  Site for Resort
-  Additional Site for resort – land issues being resolved
-  Identified Location for Water Villa

License and Permits for Tourism Activities

3.2 Ha

44 Keys

44 Villas*

80 Cr*

* Water Villas – Being reviewed, cost estimates not available

Benchmarking Standard GRIHA, LEED, Green Globe

Captive-Infrastructure

- 20 minutes Helicopter ride from Agatti Airport

Island Water Villas

- Proposal agreed by MoEF & CC for implementation on a pilot basis
- Guidelines / Criteria for Island Water Villas formulated





Ready To Launch - Resort at Kadmat



SPORTS operates existing resort at Kadmat

5.5 Ha

50 Keys

~ INR 90 Cr

Benchmarking Standard GRIHA, LEED, Green Globe

Captive-Infrastructure

License and Permits for Tourism Activities

- 20 minutes Helicopter ride from Agatti Airport
- Shipping Service from Mangalore and Kochi



Ready To Launch Projects – Current Status

- **Survey and Demarcation** of project areas completed
- **Transaction Advisor** appointed
- **CRZ application** – To be filed



Lakshadweep

2. Under Preparation Eco-Tourism Resort Projects



Picture: Suheli Island, Lakshadweep

Additional Eco-Tourism Projects



Beach-side Cottages at Minicoy
(43 Keys; 6.9 ha; 65 cr)



Redevelopment & Extension of
Bangaram Resort
(114 Keys; 15.2 ha; 175 cr)



Resort at Minicoy
(66 Keys; 15.6 ha; 100 cr)



Resort at Suheli
(30 Keys; 4.1 ha; 45 cr)



Resort at Cheriyam
(100 Keys; 35.2 ha; 160 cr)



Redevelopment & Extension of
Tourist Huts at Thinakkara
(102 Keys; 15.6 ha; 150 cr)

Committee constituted for devising a model for Islanders' participation in the projects, island visits undertaken, report expected soon.



Lakshadweep

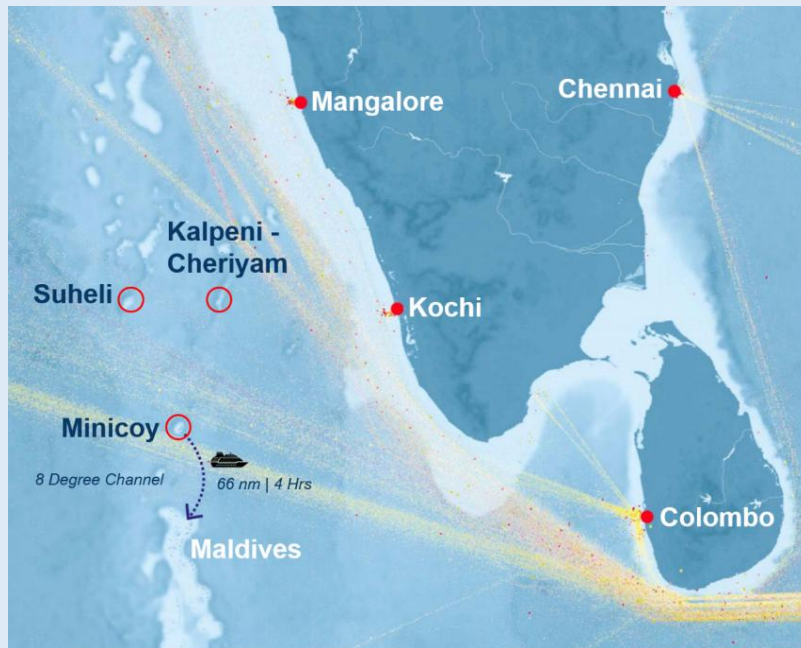
3. Under Preparation Infrastructure and Connectivity Projects



Picture: Minicoy Island, Lakshadweep

Air and Sea Connectivity

Air Connectivity



- Minicoy Island, strategically located
- Airport at Minicoy
- IAF to construct the Airport
- Existing Agatti Airport being expanded
- Sea Plane Connectivity – Feasibility completed

Sea Connectivity



- Kavaratti Jetty being modernized
- Concept Note being prepared by Indian Navy



Promotion of Fisheries and Green Energy

Promotion of Fisheries

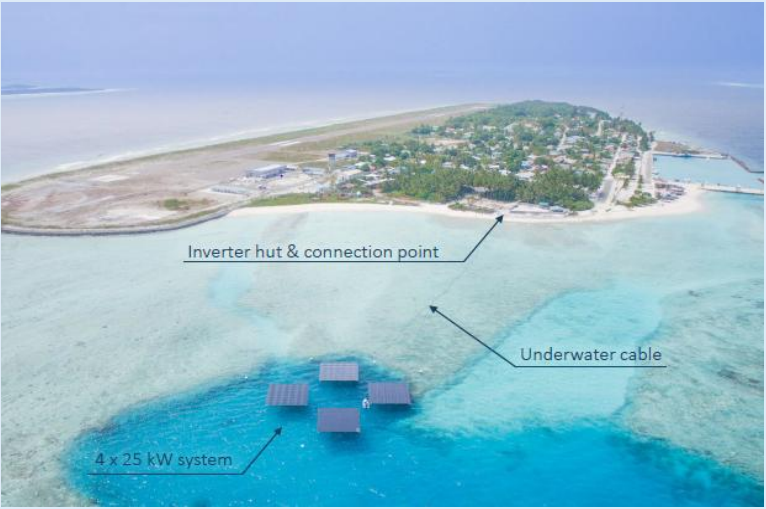
- Huge Potential for Tuna Fishing in Minicoy Island
- Feasibility study for sustainable utilization of existing potential carried out
 - 10 Modern Shipping Vessels proposed
 - Development of Tuna Processing Plant through PPP
 - Promotion of “Lakshadweep Tuna” as a brand for international marketing



Promotion of Green Energy

Feasibility assessment for Solar Projects completed -

Islands	Minicoy	Suheli	Bangaram	Cheriyam	Thinakara	Kadmat
Capacity (MW)	5	1.1	2	1.4	1.5	0.84





THANK YOU