



Al Dhafrah Region Community Ports Development

by Abu Dhabi Ports



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Introduction

Abu Dhabi Ports Company (AD Ports)

Overview

Headquartered in Abu Dhabi, the capital of the United Arab Emirates, Abu Dhabi Ports is a company that owns, manages and operates 11 ports and terminals in the UAE and Guinea.

Since its establishment in 2006, Abu Dhabi Ports has been completely aligned with the economic plans and directives of Abu Dhabi Government's 2030 Economic Vision, by playing a pivotal role in the growth of the emirate, contributing 3.6% of Abu Dhabi's non-oil GDP growth.

Economic Impact



3.6% of Abu Dhabi's non-oil GDP

That's value-added contribution of AED 19.6 Billion to Abu Dhabi GDP



2.2% contribution to UAE Non-Oil GDP

That's AED 24.2 Billion contribution to UAE GDP



Over 60,000 Jobs Supported in Abu Dhabi

And over 90,000 jobs supported in UAE

Facts and Figures



11
Total Ports



36274
Avg. Ships Per Year
no. of vessel calls in



1200
Avg. Trucks Per Day



150000M
Navigational
Channels



60078
Abu Dhabi Jobs
Supported



91293
UAE Jobs
Supported



+USD 5.4BILLION
Non-Oil GDP
Contribution (Abu Dhab)



+USD 6.6BILLION
UAE GDP
Contribution



3.6%
Non-Oil GDP (Abu
Dhabi)



+8.5 Million TEU's
Capacity by 2022



20Million
Tons
General & Bulk
Cargo



15MINS
Fastest Truck
Turnaround Time
Avg. of 2017 and first 6
months of 2018



40
Awards



14000M
Total Quay Wall
Length



351M
Cruise GDP
Contribution

Vision

To be the preferred provider of world-class integrated ports and industrial zone services.

Mission

We enable maritime trade businesses by effectively managing ports and integrated assets and services, promoting Abu Dhabi as a premier trade hub, creating long-lasting relationships with customers, and maximizing shareholder value

Values

- ❖ Ready to respond
- ❖ Eager to collaborate
- ❖ Safe, secure & sustainable
- ❖ Innovative for excellence
- ❖ Fair & committed

Introduction

Al Dhafrah Region (Western Region)

Abu Dhabi's western region is also called Al Dhafra/Al Gharbia region

Al Dhafra region covers seven key settlements Liwa, Madinat Zayed, Mirfa, Delma, Sila'a, Ruwais and Ghayathi.

Al Dhafra is the largest region of the Abu Dhabi Emirate (by land) and holds the majority of the Emirate's oil and gas reserves while being recognized in the Emirate for its diverse agriculture and animal husbandry along with its beautiful natural coastline.



AI Dhafra Key Indicators



10%

Population

of Abu Dhabi's population

2017

Emirati : 31,390
Expats : 334,000
Total : 365,390

2030F

Total 425,000
Population density:
9.5 person per sqkm
Population Growth :
5.5%
CAGR (2010-2016)



GDP (2014)

\$104.5 bn

(40% of Abu Dhabi's GDP)



Agriculture & Live stock

208 km²

Land use for plant holdings

Dates: 33%
Plant holdings: 35%
Livestock: 17%
of Abu Dhabi's total production.



Oil and Gas

Home to 90% of Abu Dhabi's Oil and Gas Reserves

By 2025 the region will be home to:

1.5m bpd Refining capacity
14.4m tons chemical prod capacity
1.6m tons aromatic facility



Area

35,250 sqkm

Source: SCAD, The National, Oxford Business Group

Project Overview



Abu Dhabi Ports has developed and operated key infrastructure, tourism and other economic development projects in the Western Region covering the 4 community ports Mugharraq, Delma, Al Mirfa and Al Sila in addition to Sir Bani Yas Island (cruise terminal) with an investment of around USD 100 million in the ports infrastructure to improve tourism and economic development in the area and to assist local communities, where the sea is often the only means of transport to outlying islands and provides the income for local fishermen and their families.

These development projects are in line with Abu Dhabi Emirate 2030 Plan to develop effective transportation system to serve the community and economy, with an emphasis on the development of sustainable sea transport.

Why Developing Western Area ports?

❖ **Fishermen Needs:**

The western region is the home to 90% of Abu Dhabi's oil and gas reserves, and inhabited by less than 10% of the population of Abu Dhabi. Fishing is not only a traditional profession to many Emiratis, yet it is considered as one main source of income to many families living in the western region (Al Dhafrah). The four ports in the region (namely Mugharraq, Delma, Al Mirfa and Al Sila) have been operational for many years but with a little proper infrastructure.



Why Developing Western Area ports?

❖ Nature and Wildlife:

The western region includes the largest natural island in the United Arab Emirates; Sir Bani Yas. It is located just off the shore of the western region of Abu Dhabi, and it was originally home to Arabia's largest wildlife reserve, thousands of large free-roaming animals and several million trees and plants. A bird sanctuary as well as a wildlife reserve, Sir Bani Yas showcases nature through activities such as adventure safaris, kayaking, mountain biking, archery, hiking and snorkeling.

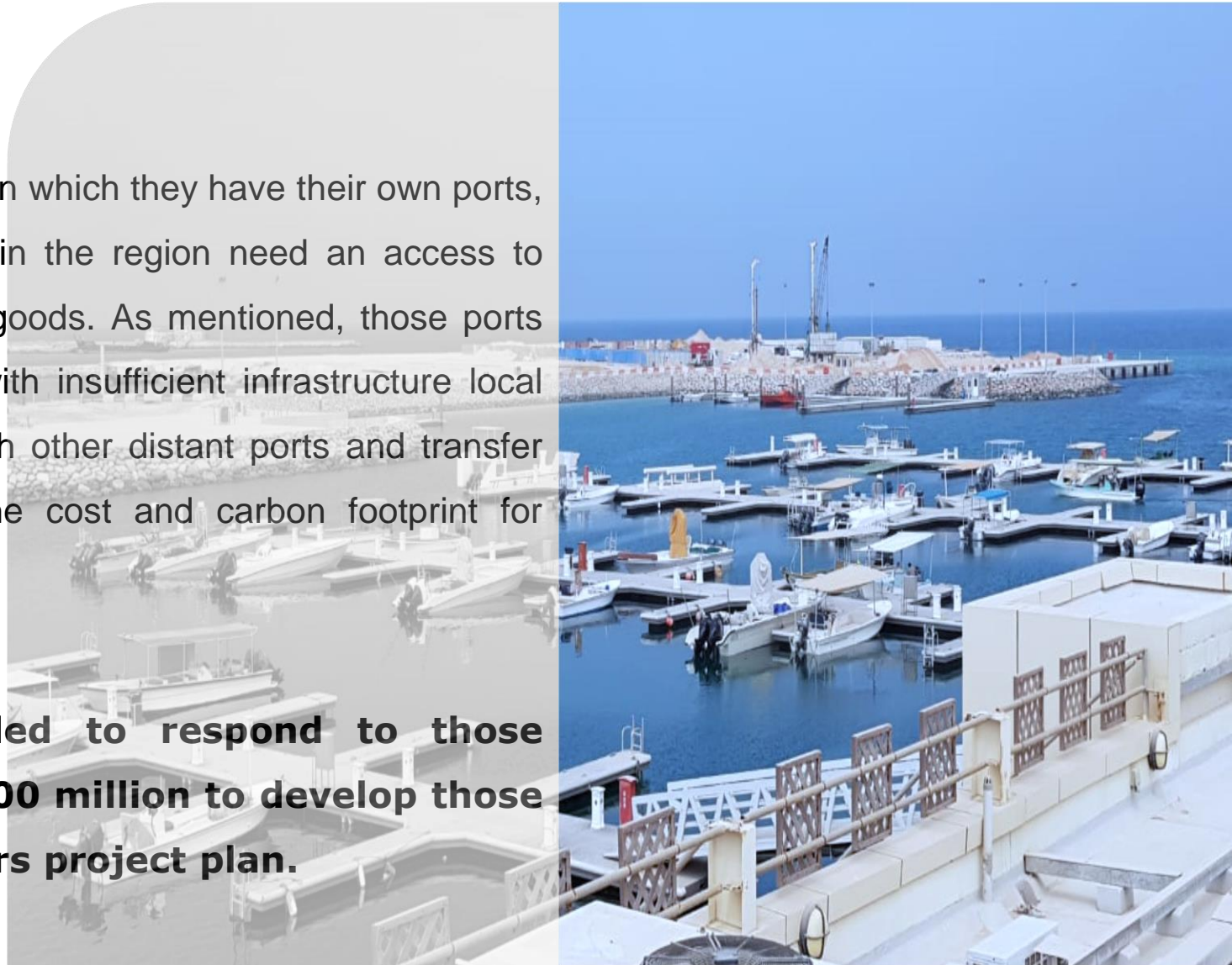


Why Developing Western Area ports?

❖ Local Communities Needs:

Apart from oil companies operating in the region which they have their own ports, local communities run their own businesses in the region need an access to maritime transportation to import and export goods. As mentioned, those ports were not established for this purpose, and with insufficient infrastructure local communities needed to receive goods through other distant ports and transfer them through roadways, which increases the cost and carbon footprint for importing goods.

Therefore, AD Ports Company decided to respond to those community needs and to invest USD 100 million to develop those ports and Sir Bani Yas Beach in a 3 years project plan.



Vision and Leadership

ADPorts Vision is “To be the preferred provider of world-class integrated ports and industrial zone services”.

The development of Western Region Ports comes in line with the Abu Dhabi Plan, which calls for an effective transportation system to serve the community and economy, with an emphasis on the development of sustainable sea transport as per the directives of H.H. Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates, and H.H. Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the United Arab Emirates Armed Forces.”

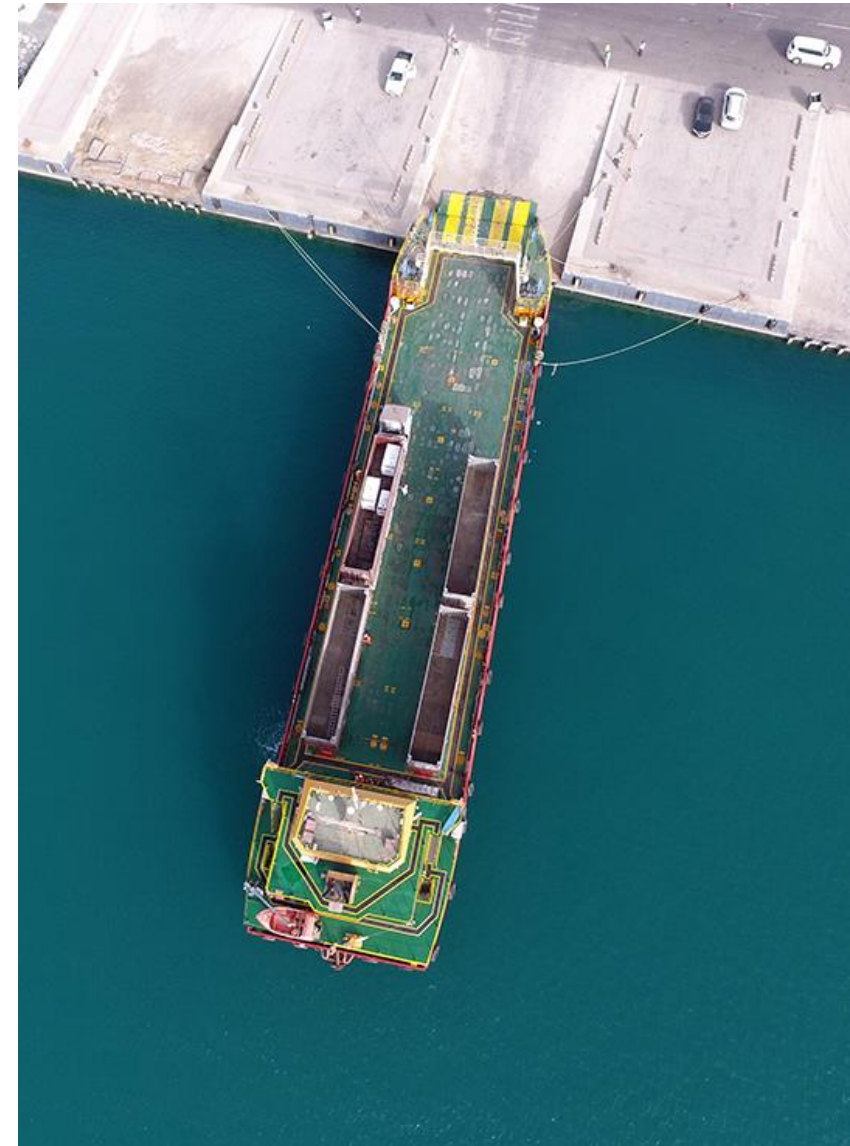
AD Ports leaders provided clear strategic directions in respect of the President’s instructions providing guidance, constant support & follow up, furnishing the budget, creating a specialized project team and empowering them to execute the project to fulfill its objectives.



Project Objectives

The project is developed in line with Abu Dhabi 2030 vision, reflecting the AD Ports vision and Strategic initiatives namely:

- Respond to fishermen needs by establishing a proper infrastructure to provide seamless operations for fishing, and enhance prosperity of fishermen's lives, and enhance society satisfaction through supporting fishermen/ agriculture community & support remote offshore islands.
- Provide access to the public via cruise tourism to appreciate wildlife and nature by developing Sir Bani Yas Island's beach, to be a major destination for cruise tourism.
- Provide effective transport system to serve the community by developing the Western Region (Al Dhafra) Ports.
- Support the economy by instigating the commercial activities at Western Region; in addition to supporting stream industries from tourism, oil and gas to promote overall economic value chain.
- Attract, retain and develop capable UAE Talents by providing new job opportunities in Western Region.
- Develop cruise industry in Al Dhafra primarily Sir Bani Yas Island to promote Eco Tourism serving Abu Dhabi 2030 Plan in projecting the Emirates as a preferred tourism destination.



Western Region Community Ports



Key :

- 1. Delma Port:** Community port, Fish Market, Dry and Wet Parking, Rest., Ferry Terminal and Roro Ops
- 2. Sila Port** semi commercial & community, Development start 2019
- 3. SBY Port** 2nd Cruise
- 4. Mugharraq Port** semi commercial & community, Development start 2019
- 5. Al Mirfa Port** Community port, Fish Market, Dry and Wet Parking, Rest.

Mirfa Port Development

Objective:

Provide suitable parking areas for the local community to eliminate parking boats on the street and/or in unapproved areas within Marfa. Additionally, the local community requested additional facilities be constructed in Marfa. AD Ports has identified an area of land adjacent to the existing facilities that could be used for this purpose.

Scope:

Develop the following additional facilities on the land adjacent (36,000m2 approx) to the existing port facilities:

- Dry berths to accommodate 150 boats (Which will be leased to occupants)
- Three (3) repair workshops (Approx. 200m2 each) for lease to enable boat repair services to the local community
- One (1) gear store (Approx. 4,000m2) segregate-able to enable lockable gear storage for fishermen on a 4m x 4m each basis
- Associated fencing & gates to enable security of the area
- Associated utilities to the same level as those within the existing facilities (i.e. water, storm water, etc)
- Development of the remaining unused area within the affection plan to the north of the family boat parking area.



Outcomes:

- Since there is no nearby location to get sufficient ice for fisherman; we have (AD Ports) constructed Ice Plant with the intention to serve the community with low cost.
- Capacity of the plant is 3tons per day (Crushed Ice - 25Kg Bags)
- We have developed the Boat parking space (about 120 slots) for fisherman which enable them to park inside the port premises under the AD ports security surveillance on free of charge.
- Allowed storing of Fisher man's nets (Free of charge)
- Provision of water & electricity (Free of charge)

Mirfa Port – Al Faiyay Island Development

Objective:

Develop Al Fiyay island located approximately 35 KM north-west of Marfa Port to accommodate berthing/loading boats, and Provision of recreational facilities for the local community at Marfa Port, project area 52,000 m².

Scope:

Carry out marine and landside development works including the following:

- Dredging , Reclamation , protection , floating pontoons to create a safe berthing for the small population who live in and visit the island.
- 10 Prefab porta cabins , interlocking, Generators and Fuel tank , Water tank, Underground GRP septic tank.
- Admin Building, Fish Market and Restaurant,
- 550m of revetment
- 29,500m² roads and paving
- 4 number pontoons with 140 wet berths

Delma Port Development

Objective:

Develop Delma port southern part with additional facilities to turn it into international port with 220M breakwater, Quay wall & road, utility, buildings serving as a general, multipurpose port to handle cargo, passenger ferries and fishing vessels.

Scope:

Develop the following additional facilities to the existing port facilities

- Develop a platform breakwater that shelters the southern harbor with a ferry terminal and a quay wall.
- Development of fishermen and leisure facilities on the western side of the harbor.
- Construction of a breakwater on the north side to provide complete coverage of the entire harbor area.
- Construction of additional facility to allow the transfer of the large fishing dhows from the existing harbor to the new Delma Port constructed in 2015 - 2016.



Outcomes:

- Increase Dhows parking from 20nos to 60nos after we develop individual quay wall for them.
- Supplying water & electricity to fisherman – Free of Charge to help them in their necessary needs.
- Fish Market also build for them to sell their fishes with minimum rent.



Mugharraq Port Development

- Located 240 km from Abu Dhabi city, Mugharraq Port is located on the mainland facing Sir Bani Yas Island.
- Vessel Traffic System (VTS) was installed with a protected basin, 100m long quay wall and seven meters of draughts was built.
- Currently, the port offers limited general cargo handling facilities and supports ferry and logistics connections to Delma Island and Sir Bani Yas Island.
- With six RoRo berths and open area for cargo and goods storage, the port benefitted from the overall redevelopment masterplan for the Al Dhafra Region ports, including additional slipways, building of a revetment for shoreline protection, deepening of the port basin, and the modification of the existing landing ramp.



Sila Port Development

Objective:

Refurbish the port to enhance the Community port activity; and upgrade it to a commercial port to provide cargo services, support the local fishing industry and offer recreational activities.

Scope:

Carryout various remedial works including:

- Develop new logistical and technological features, with a wide range of facilities including Ro-Ro ramps, Vessel Traffic System (VTS) and radar as well as an open storage area.
- Improve the infrastructure with a protected basin, a 300 m quay wall, six meters of draught, paving of southern area, boat ramp & slipway.
- Replace the pontoons with new ones to serve 80 vessels.
- Construct 3 new buildings.



Sir Bani Yas Island

The late Sheikh Zayed bin Sultan Al Nahyan's vision embodied sustainable development of our economy, our society and our environment.

Following in the footsteps of our Late Founding Father, Abu Dhabi Ports constructed Sir Bani Yas Cruise Beach with a vision to create a sustainable cruise destination which is now renowned for being the first and only dedicated cruise beach of its kind in the region offering tourists an incredible cruise stop adventure.

Activities include a wildlife safari tour, kayaking, paddle boarding, shisha lounge and a 200 m² inflatable waterpark.

Sir Bani Yas Island, with over 15,000 free roaming animals and being one of the most diverse and protected natural reserve in the region, utmost care was taken by AD Ports during and after the construction of the 1.2 KM stretch cruise beach.



Sir Bani Yas Island

Passenger numbers visiting Sir Bani Yas through the Cruise Beach grew from a mere 15,000 to over 90,000 in just under three years. And that figure is expected to increase to more than 120,000 by the end of 2021.

This increase in footfall has had an amazing impact on the local economy and to the various stakeholders such as ADNOC and Etihad, and at the same time resulting in a tremendous boost to the eco tourism vision of the Emirate.

The success of the Cruise beach and it's allure to the different demographics of the visiting passengers is evident as over 18,800 activity tours have been conducted in the second cruise season alone.

With only signs of a rise in PAX numbers for the next three years, SBY Cruise Beach will position itself as an unparalleled cruise stopover destination in the region.



Sir Bani Yas Island – Destination

About Sir Bani Yas Island

- Sir Bani Yas Island is 87 square kilometres, making it one of the largest natural islands in the United Arab Emirates. The nature-based destination is situated in the Arabian Gulf, in the western region of the Emirate of Abu Dhabi.
- Sir Bani Yas Island was originally developed as a wildlife reserve by the late founder and president of the United Arab Emirates; Sheikh Zayed bin Sultan Al Nahyan in 1971 to ensure the survival of Arabia's endangered species.
- Sir Bani Yas Island is home to over 30 species of free-roaming animals and birds, including many migratory birds that arrive seasonally on the island.



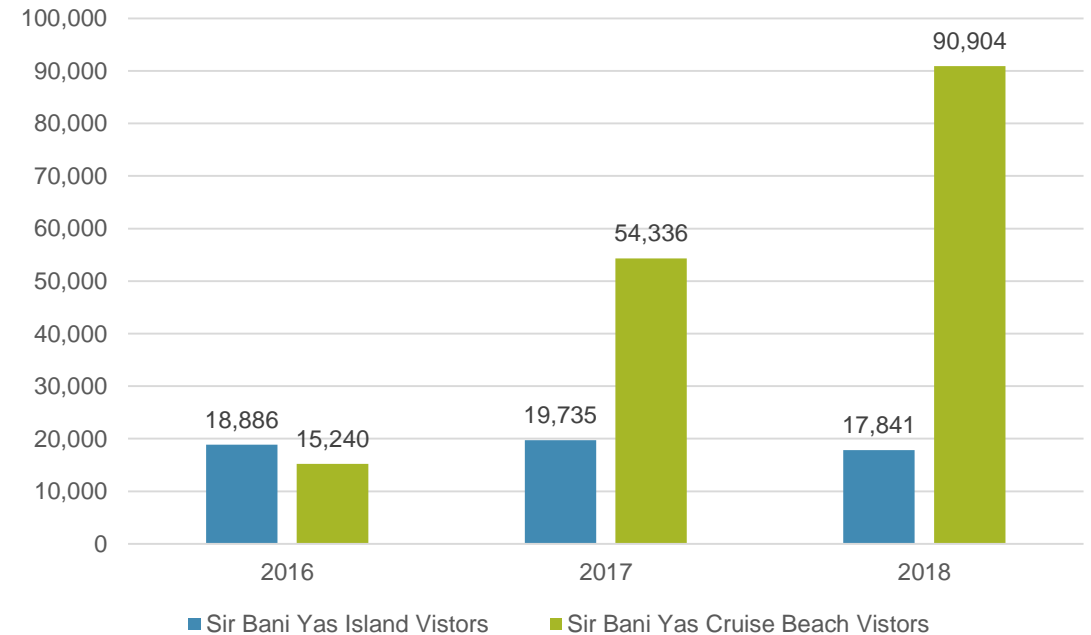
Sir Bani Yas Cruise Beach

- The region's first cruise beach stop over experience developed and managed by Abu Dhabi Ports officially launched in December 2016.
- The 1.2 Km cruise beach of more than 4000 passenger's capacity with its different Areas (Al Maha , Al Reem , Llama and Al Ghazelle) is designed to cater cruise liners and its visitors' overall requirements offering a unique opportunity for regional cruise itineraries.
- Diversity of offerings as cruise visitors will not only experience the activities regularly anticipated as island calls such as beach sports, snorkeling, kayaking etc but also experience unique excursions such as a cultural heritage tour of the island, a safari tour of the wildlife reserve (which holds a number of exciting species such as Giraffes, Cheetah, Hyena, Oryx , Ostrich and many more).



Cruise Itineraries and the need for new destination

- When the cruise lines deploy their vessels into a region for a season they always looking for more destination so they are able to extend the season as long as possible
- Before 2016 the Arabian gulf region were only having 3-4 destination, Abu Dhabi ports looked into developing Sir Bani Yas Cruise Beach as a new product for the cruise itineraries and to be the first dedicated cruise beach destination the region
- The aim beside opening new destination for the cruise lines in the region is to increase the tourism footprint in the western region of Abu Dhabi and support the local community
- Since SBYCB started operations we received in the first year of operations more than 15,000 Pax, and the numbers kept increasing as the next year we received more than 50,000 pax



Original and innovative character of the project

AD Ports faced challenges in executing this project and provided solutions for them, mainly:

- AD Ports opted compensated the owners of lands inside the port by offering them lands outside the port's boundaries.
- Constructing a fence surrounding the development areas with a small window for the fishermen to allow them crossing to the sea and carryout their fishing activities.
- In order not to disturb the ferry operations in Mugharraq Port, AD Ports transferred the Ferry Terminal to Al Dhannah to secure users safety and provide smooth Ferry Operations.
- To ensure non disturbance of the water and electricity underground cabling system, AD Ports opted to carryout 8M dredging instead of 14m while agreement is undergoing to transfer the cable to a more suitable area to enable complete execution of the 14M dredging plan.
- In support of environment and sophisticated appearance of the areas; AD Ports opted to transfer the Mangrove trees from Al Faiay Island to a new location to preserve them in addition to the water cooling system. As well as joining efforts with Abu Dhabi municipality to remove the abandoned/ unknown boats in Al Sila Port to achieve sophisticated appearance of the aarea.
- The project included a plan to develop the untapped Sir Bani Yas beach location transforming it into an international tourism destination.
- In addition, it supports offshore oil and gas industry through onshore supply chain.

Stakeholders



Others:

- ❖ Fishermen Association – Abu Dhabi
- ❖ Tourist companies
- ❖ International cruise liners
- ❖ Oil and gas support industries
- ❖ Polymers and chemical industries (downstream from oil and gas activities)

Partnership – stakeholders

ADNOC (Abu Dhabi National Oil Company)

- Sir Bani Yas island is located southwest of Abu Dhabi and to reach the island the vessels need to go through PPA (Petroleum Port Authority) port limits thus we approached ADNOC to ensure the smooth vessel transit from the channel to the anchorage position at the island
- To support the tourism in the western region ADPorts approached ADNOC to create a LUMSUM amount for the cruise vessel irrespective to the size to go through the channel and use the pilots and tugs to arrive safely to the anchorage point to the beach and we signed a contract with them to ensure smooth operations for the cruise vessels

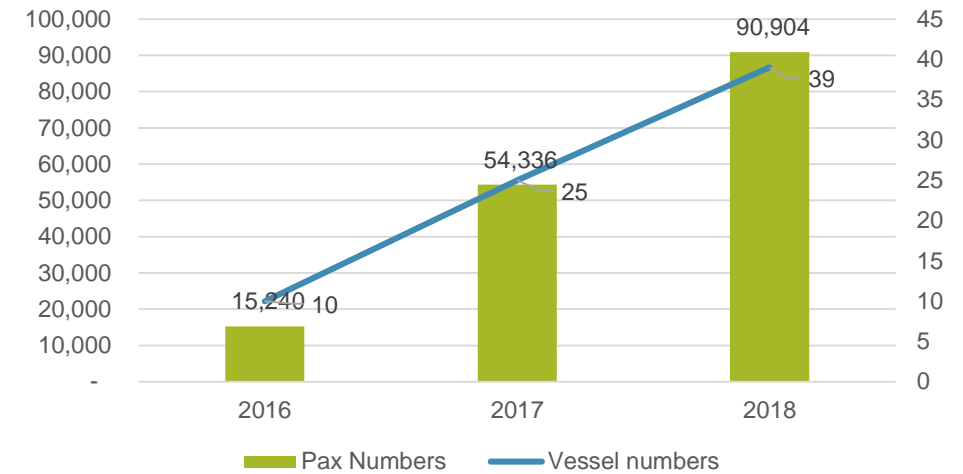
Cruise lines

- Since we started SBYCB the number of vessel increases as shown in the graph and this has certainly reflected on the Passengers numbers.

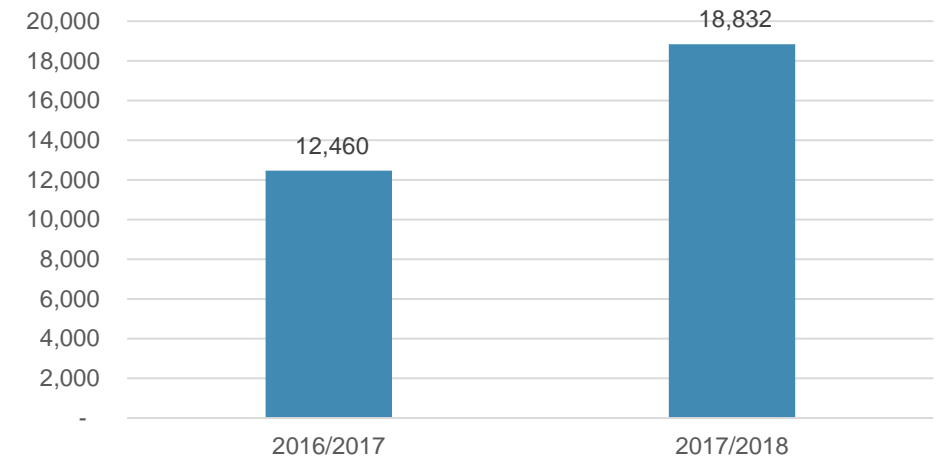
Tour Operator:

- To ensure that the Passengers arriving to SBYCB enjoy their visit ADPorts signed a concession agreement with Hala Abu Dhabi to take over the tours for the passengers to the natural park and as it shows in the graph the PAX numbers that went to tours on the island

Vessel and Pax number



Total Numbers of Tours



Project Sustainability Factors

The breakwater constructed in Delma port helped to reduce the strength of the waves, leading to the prosperity of marine life.

Waste inventory at Al Mrifa Port enriched the hygiene of the surrounding environment

Protected the mangrove trees at AlFaiyay island through the cooling water flow system that ensures constant refreshing and adequate watering of these trees.

Project Sustainability Factors

Sir Bani Yas Island Cruise Beach has taken all efforts to maintain the pristine environment it is home to. Several Environment studies were undertaken prior to and after the construction of the beach. This has shown that the presence of the beach has improved the water quality in the surrounding lagoons, which is home to mangroves and several native and migratory species of birds that visit Sir Bani Yas Island.

A causeway over the lagoon was necessary to connect the beach to the island, and for the construction, only locally found rocks were used. Large pipes were used instead of pylons to support the structure and to increase the water flow into the lagoon.



Project Sustainability Factors



Biosecurity Measures

Special care is taken to minimize the carbon footprint arising from the beach's operation. Biosecurity measures are enforced to screen every passenger visiting the beach. Plastic use is reduced at all levels as recyclable/reusable materials are prioritized for all Food and Beverage purposes.

Programs such as kayaking and wildlife tours emphasize on the importance of the sustainability of the nature and the wildlife.



Kayaking



Wildlife Safari

Project Sustainability Factors

Electric Golf Buggies are provided for ease of movement of passengers on the beach.

Monastery tour takes passengers on a cultural history into the UAE's only discovered Christian monastery built in 600 AD.

The presence of only indigenous and native plants emphasize the importance of sustainability of the beach.



Results and Impact

Results and Impact

\$100 ↑

USD million
Total Investments

487 ↑

Total Berthing Boats



596% ↑

Increase in Cruise tourism to
Sir Bani Yas (2016-2018)



160k ↑

Cruise Tourists Visited Sir Bani
Yas (2016-2018)



**Increase
in Jobs
Created** ↑



**Decrease in CO₂
Emissions and
Traffic on Roads
from trailers**



75% ↑

Society Satisfaction



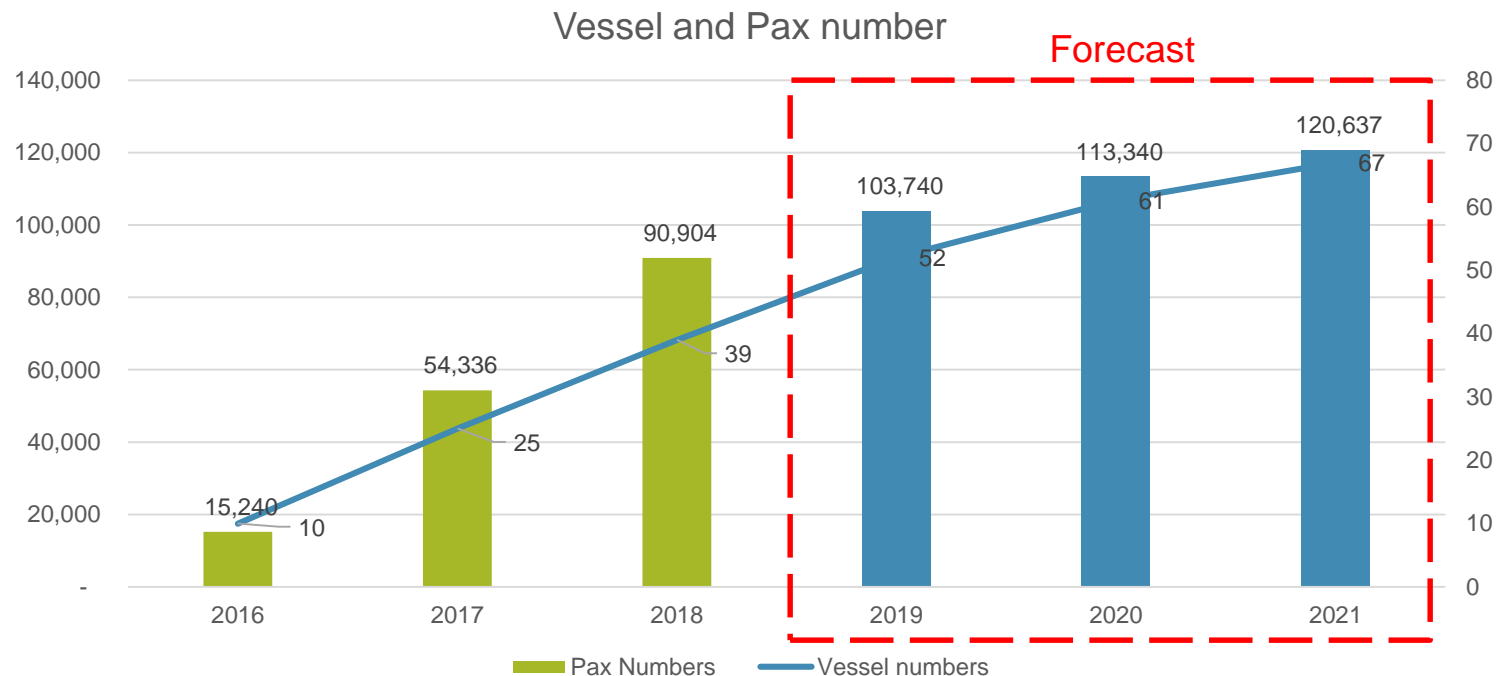
1st

Cruise Island Destination
in the GCC
with access to Wildlife Reserve



Results & Impact

- Sir Bani Yas Cruise Beach started to support the tourism industry in the western region and increase the footfall to the island and it succeeded to attract as shown below numbers and the expectation numbers.
- That means off course more revenue for all our commercial stakeholders including adports, ADNOC / PPA and Hala Abu Dhabi



Results & Impact

- ❖ Upgraded **Delma Port's** facilities to serve as a general, multipurpose port to handle cargo, passenger ferries and fishing vessels to a single central port that handles cargo, passenger ferries, landing crafts and fishing activities featuring the below facts:
 - 300-metre berth for general break bulk cargo vessels and covers a total area of 280,725 m², with 58,500 m² of pavement for easy transport.
 - Accessible breakwater with a platform to integrate the operations of ferry terminal and CICPA facilities.
 - A marina with 280 boat slips, 160 wet berths and 104 dry berths for fishing and recreational crafts supports the local boat industry, while other facilities include an administration building, a fish market, a restaurant, a sheltered storage area for fishing equipment and an ADNOC Marine fueling facility.
- ❖ With **Al Mirfa Port** being the first port dedicated to supporting the local fishing industry and community in the Emirate, efforts were put to enhance and develop its infrastructure upgrading them to include a breakwater to protect the port from strong currents, new berths for fishing and leisure vessels, as well as dedicated space for retail and small local businesses.

Other facilities include pontoons capable of accommodating 140 fishing boats and leisure ferries, a multi-purpose administration building, a modern restaurant, shaded car park, a dedicated fish market as well as two plots for maintenance companies and spare-part vessel suppliers. The port also features a dedicated plot for small businesses and an ice making plant that caters to fishermen and the overall needs of the community.

❖ **Al Sila Port** being the largest public marina in the Emirate it provides cargo services, supports the local fishing industry and offers recreational activities. The port was built to serve as a fishing harbor and now upgraded to a commercial port with a host of new logistical and technological features, with a wide range of facilities including Ro-Ro ramps, Vessel Traffic System (VTS) and radar as well as an open storage area.

Infrastructure improved with a protected basin, a 300 m quay wall and six meters of draught.

Recently, facilities for the fishing community were upgraded as part of Abu Dhabi Ports' overall redevelopment plan for the Al Dhafra Region ports and future development plans include enhancing the cargo handling facilities.

DEVELOPMENT OF MARFA PORT TO ACCOMMODATE FISHERMEN'S SOCIETY REQUIREMENTS AND TO PROVIDE RECREATIONAL WATER FACILITIES FOR THE LOCAL COMMUNITY

MARFA PORT

AFTER WORKS

MAY 2016

INAUGURATION

DECEMBER 2015

BEFORE WORKS

AUGUST 2013



Aug 2013	• AWARD MARINE WORKS CONTRACT COMPLETE	3 nr	• BUILDINGS (Fish Market, Restaurant, Administration Building)	52,000 m²	• OVERALL PROJECT AREA
Jun 2014	• AWARD LANDSIDE WORKS CONTRACT COMPLETE	140 nr	• WET BERTHS	550 m	• REVETMENT
Jul 2015	• PONTOONS INSTALLATION COMPLETE	83 nr	• DRY BERTHS	29,500 m²	• ROADS AND PAVING
Sep 2015	• BUILDINGS AND ASSOCIATED INFRASTRUCTURE COMPLETE	2 nr	• SLIPWAY	4 nr	• PONTOON SETS
Oct 2015	• OPERATIONS COMMENCEMENT COMPLETE				
Dec 2015	• INAUGURATION CEREMONY COMPLETE				

AT COMPLETION
DECEMBER 2016

CURRENT STATUS
MAY 2016

BEFORE WORKS
FEBRUARY 2015



May 2015	• AWARD MARINE CONSTRUCTION CONTRACT COMPLETE	5 nr	• BUILDINGS (Administration Building, Ferry Terminal, Fish Market, Public Building, Restaurant)	280,725 m²	• OVERALL PROJECT AREA
Jan 2016	• AWARD LANDSIDE AND PONTOONS CONSTRUCTION CONTRACTS COMPLETE	160 nr	• WET BERTHS		
Dec 2015	• AWARD LAST CONSTRUCTION CONTRACT COMPLETE	104 nr	• DRY BERTHS	103 m	• QUAY WALL
May 2016	• MARINE WORKS SUBSTANTIALLY COMPLETE	3 nr	• PONTOON SETS	57,000 m²	• ROADS AND PARKING
May 2016	• FISHERMEN PONTOONS, ADMINISTRATION BUILDING AND ASSOCIATED INFRASTRUCTURE SUBSTANTIALLY COMPLETE	3 nr	• FERRY AND RORO RAMP		
Aug 2016	• COMPLETE PONTOON WORKS ON TRACK	1 nr	• SLIPWAY	500 m	• PLATFORM BREAKWATER
Jan 2017	• FULL OPERATIONS COMMENCEMENT ON TRACK				
62%	• OVERALL PROJECT WORKS COMPLETE AT END OF MAY 2016				

AT COMPLETION

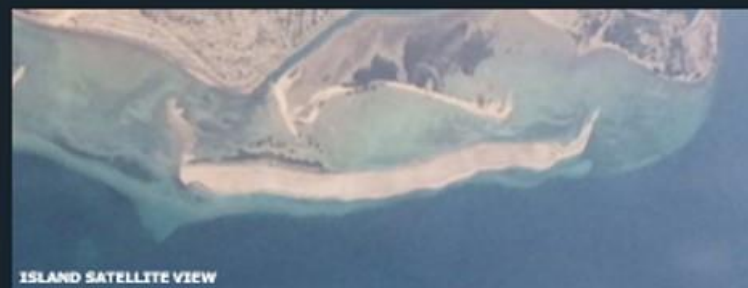
NOVEMBER 2016

CURRENT STATUS

MAY 2016

BEFORE WORKS

SEPTEMBER 2015



Sep 2015

• AWARD OF MASTER PLAN AND CONCEPT DESIGN CONSULTANT | **COMPLETE**

Apr 2016

• AWARD OF MAIN WORKS CONTRACT | **COMPLETE**

Apr 2016

• CAUSEWAY AND ACCESS ROAD | **SUBSTANTIALLY COMPLETE**

Nov 2016

• READY FOR 2016/2017 CRUISES OPERATIONS | **ON TRACK**

30%

• OVERALL PROJECT WORKS COMPLETE AT END OF MAY 2016



17
nr

STRUCTURES

- Administration Building
- Information Centre
- Transportation Centre
- Selling Centre
- Standard Buffet
- Family Buffet
- Yacht Club Buffet (VIP)
- Main Bar (x2)
- Tiki Bar (x4)
- Beach Lounge (x3)
- Yacht Club Beach Lounge (VIP)

328,000 m²

• OVERALL PROJECT AREA

45 m

• QUAY WALL/JETTY

385 m

• CAUSEWAY ACCESS ROAD

870 m

• REVETMENT & SLOPE PROTECTION

THANK YOU

