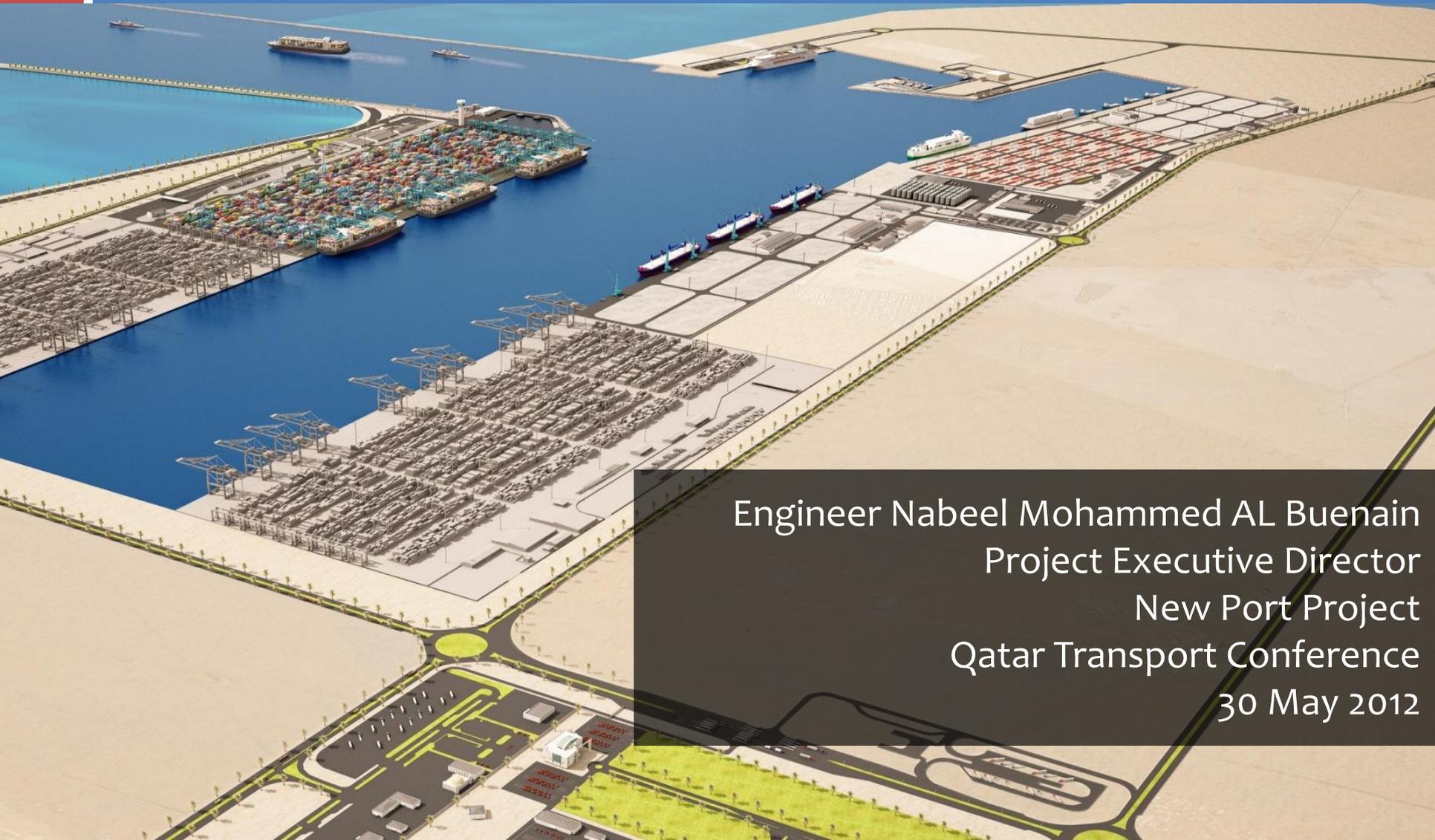


مشروع الميناء الجديد
NEW PORT PROJECT



Engineer Nabeel Mohammed AL Buenain
Project Executive Director
New Port Project
Qatar Transport Conference
30 May 2012

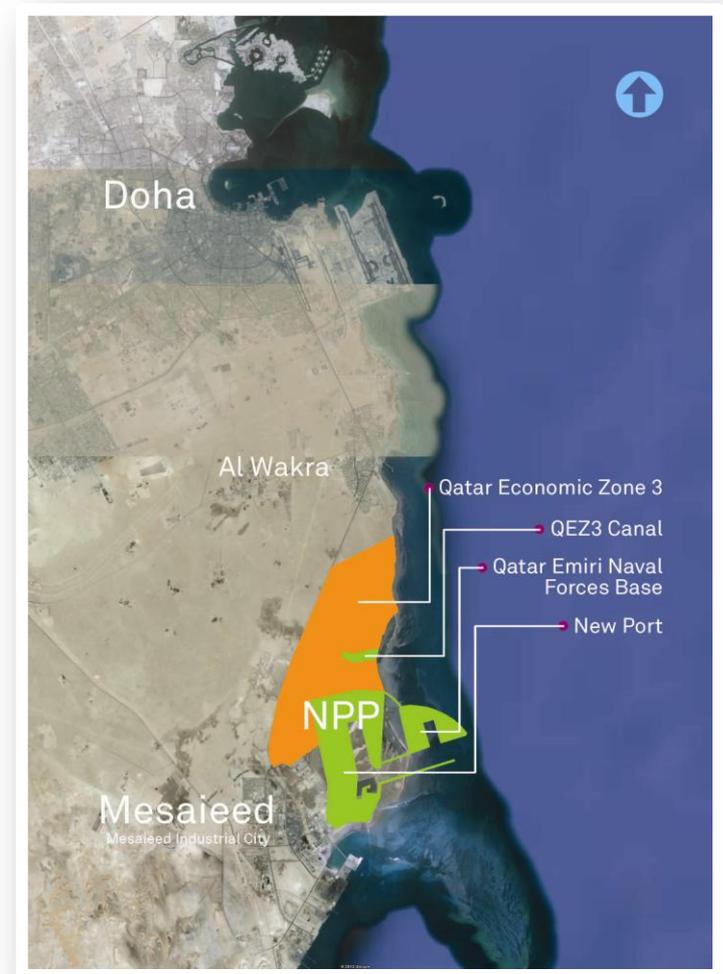
Vision

- Supporting the Qatar National Vision 2030
- Facilitating significant events, including the 2022 World Cup
- Dedicated to SH&E Stewardship



History

- On 19 June 2007 Emiri Decree No. 37 issued
- The New Port Project:
 - Strategic location
 - One of the world's deepest seaports



Objectives

- A leader in state-of-the-art technology
- Accommodates growth to 2030 and beyond
- Connections to internal Qatar rail and GCC rail
- Container capacity of 2 million TEU/year by 2016
- Reflects the country's unique identity and culture through architectural design and environmental preservation



Project Scope

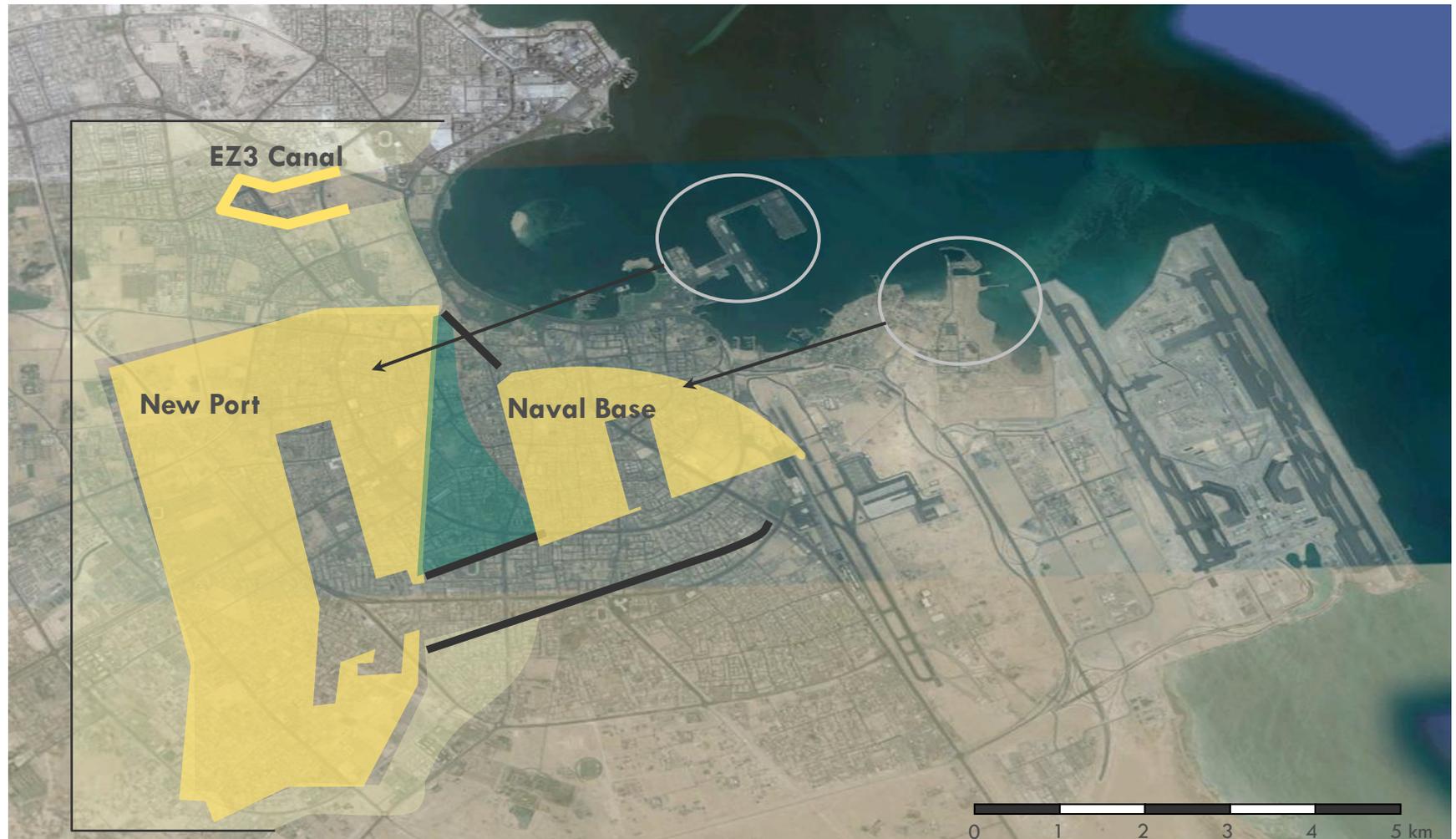
Project Elements:

1. The New Port
2. A new Naval Base for the Qatar Emiri Naval Forces
3. Marine canal for Economic Zone 3

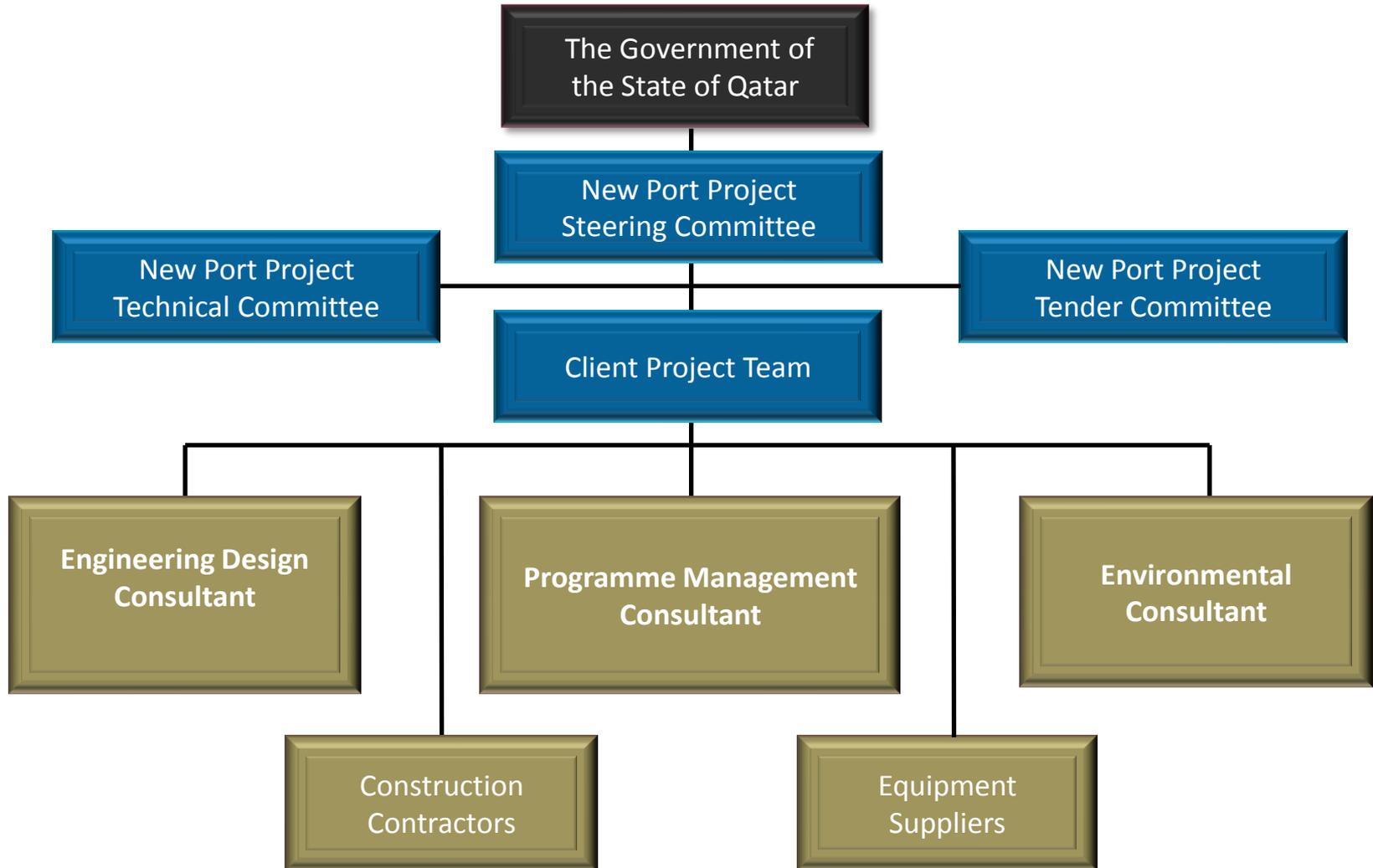
Budget and Area:

- Total estimated budget is 26 billion QAR
- Total area is 26.5 square kilometers

Project Projection on Doha

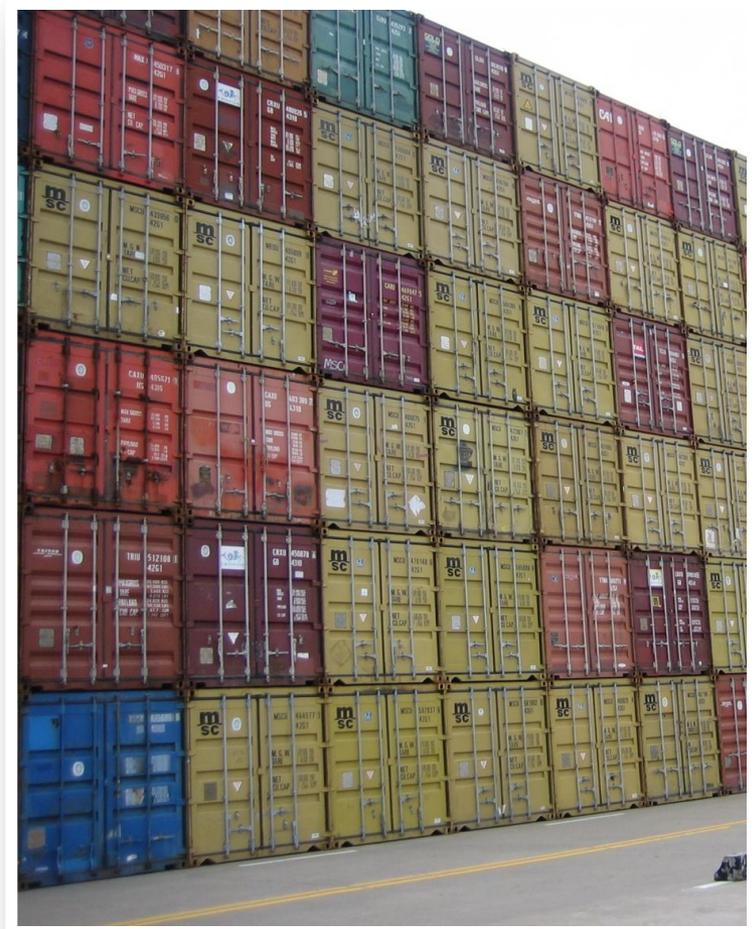


Programme Organization

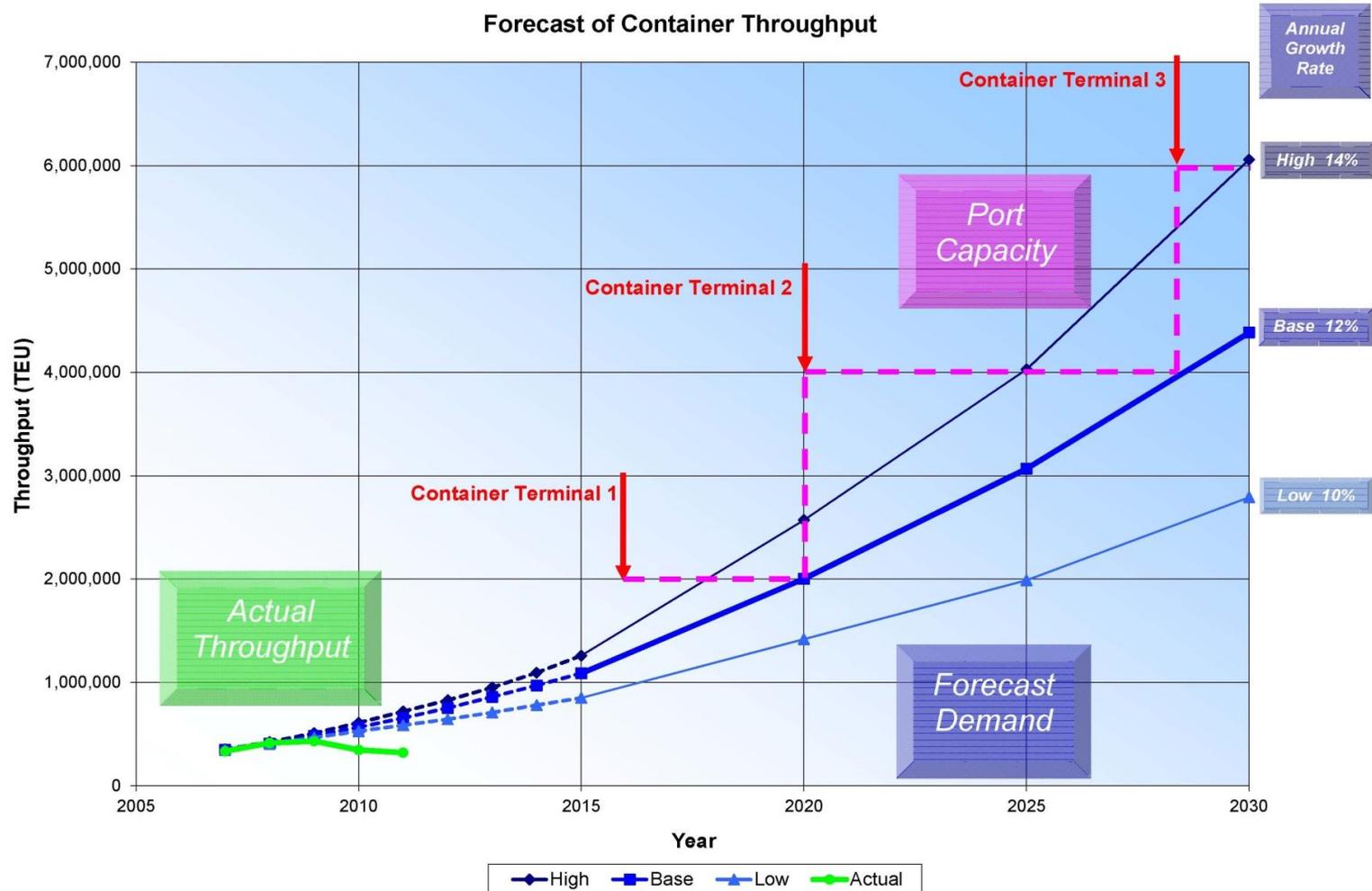


1. New Port

- Deepwater port -17m CD
- Basin 3.8 km in length and 700 m wide
- 63 million m³ of sand and rock excavated
- Access Channel:
 - Over 10 km long
 - 300 m wide
 - 15 m deep
 - 40 million m³ dredged from main channel



Container throughput Projections



Traffic Forecasts

	Capacity	2010	2015	2020	2025	2030
General Cargo (tonnes)	1,766,000	1,427,901	1,532,000	1,522,000	1,639,000	1,766,000
Grain (tonnes)	1,000,000	163,705	384,866	559,829	749,177	959,161
Vehicles (no. units)	500,000	59,854	172,659	258,412	369,243	517,883
Livestock (tonnes)	37,500	12,277	16,700	19,500	21,800	24,300

Port will be further developed as General Cargo and Multi Use terminals reach capacity



2. Qatar Emiri Naval Forces Base

- QENF and the QENF Training School
- Cover an area of 4.5 km²
- Accommodates vessels of the Qatar Emiri Naval Forces, Special Forces and visiting naval forces
- The basin will be:
 - 1.3 km long
 - up to 500 m wide
 - up to 12.5 m deep



3. Canal of Qatar Economic Zone 3

- The project only includes the construction of the canal and access channel. The new Economic Zone is envisaged to become an integrated economic development area that utilizes Qatar's resources in a sustainable manner, bringing added value to Qatar's Economy

Qatar Economic Zone 3 Canal:

- 7 km long access channel
- Basin over 1.5 km in length and 500m wide
- Over 7 million m³ of sand and rock excavated from basin
- Supports emerging business activities in maritime sector



Packages

More than 30 packages including:

1. Excavation, Dredging, Reclamation and Breakwater, Quay Walls Construction

2. Infrastructure:

Electrical, Potable Water , Sanitary Sewer & Storm Water

Roads: 26 km Port – 27 km Navy

3. Port Building (84) :

Concrete – 70,000 m² (43)

Workshops/Shades – 125,000 m² (41)

Navy Buildings (278):

Concrete – 385,000 m² (191)

Workshops/Shades – 146,000 m² (87)

4. Port Equipments:

Quay cranes, yard cranes, cargo handlers & loaders.

Port Basin and Inner Breakwater Excavation

Details:

Contract with China Harbour Engineering Company (CHEC) signed on 13 Mar 2011:

Contract Amount: 3.2 Billion QAR
Start Date: 24 January 2011
End Date: 6 August 2015

Scope:

- Excavation (and landfill) of 63 million m³ material
- Construction of 10 km quay wall

Current Status:

- Since January 2011, 18 million m³ of rock and sand excavated.
- Administration offices constructed; more than 900 pieces of heavy equipments delivered to site.



Access Channel Dredging and Outer Breakwaters Construction

Details:

Contract with Middle East Dredging Company (MEDCO) signed on 18 Mar 2012:

Contract Amount: 4.5 Billion QAR

Start Date: 18 March 2011

End Date: 16 January 2016

Scope:

- Dredging of access channel, 10km long, 300m wide, 15m deep
- 45 million m³ material (incl. rock)
- Land fill and 4.5km² reclamation
- Construction of a 3.1km breakwater and 10km revetment

Current Status:

- Kick-off meeting held on 22 March 2012
- Mobilizing equipment



Future Packages

New Port Project:

- Container Terminal Infrastructure & Utility Buildings
- Commercial Terminal Infrastructure & Buildings
- Primary Electrical Supply
- Coast Guard Infrastructure and Buildings
- Port Administration & Government Offices Infrastructure & Buildings
- Port Marine Services Area Infrastructure & Buildings
- Port Vehicle Traffic Management System
- Port Security Operation
- Container Terminal Ship to Shore Cranes and Yard Cranes
- Commercial Terminals Port Equipment
- Tugboats

Future Packages

Qatar Emiri Naval Base

- Quay Wall and Basin Revetments
- Infrastructure , Utility Buildings and Security Facilities
- Buildings
- Access Bridge
- Security Facilities
- Equipment Procurement and Installation

Qatar Economic Zone 3 Canal

- QEZ3 Canal Excavation, Quay Walls and Channel Dredging

Programme

Contract Packages	2012	2013	2014	2015	2016
New Port					
Port Basin and Inner Breakwaters	[Red bar from start of 2012 to end of 2015]				
Dredging, Reclamation and Outer Breakwaters	[Green bar from start of 2012 to end of 2012] [Red bar from start of 2012 to end of 2015]				
Container Terminal Infrastructure and Buildings	[Blue bar from start of 2012 to end of 2012] [Green bar from start of 2012 to end of 2012] [Red bar from start of 2012 to end of 2015]				
Commercial Terminal Infrastructure and Buildings	[Blue bar from start of 2012 to end of 2012] [Green bar from start of 2012 to end of 2012] [Red bar from start of 2012 to end of 2015]				
Coast Guard Facility, Port Administration and Port Marine Unit	[Blue bar from start of 2012 to end of 2012] [Green bar from start of 2012 to end of 2012] [Red bar from start of 2012 to end of 2015]				
Port Security Systems	[Blue bar from start of 2012 to end of 2012] [Green bar from start of 2012 to end of 2012] [Red bar from start of 2012 to end of 2015]				
ORAT	[Blue bar from start of 2014 to end of 2014] [Red bar from start of 2014 to end of 2015]				

Design
[Blue bar]

Procurement
[Green bar]

Construction
[Red bar]

Programme

Contract Packages	2012	2013	2014	2015	2016
Qatar Emiri Naval Forces Base					
Quay Walls & Revetments					
Infrastructure, Buildings & Security Systems					
Access Bridge					
Equipment Procurement & Installation					
ORAT					
Qatar Economic zone 3 Canal					
Canal Excavation, Quay Walls and Channel Dredging					

Design

Procurement

Construction

Stakeholders



vodafone



برنامج قطر الوطني للأمن الغذائي
QATAR NATIONAL FOOD SECURITY PROGRAMME



قطر Qatar
الهيئة العامة للسياحة
Qatar Tourism Authority



المؤسسة العامة للقطر والكهرباء والماء
Qatar General Electricity & Water Corporation



الهيئة العامة للطيران المدني
CIVIL AVIATION AUTHORITY

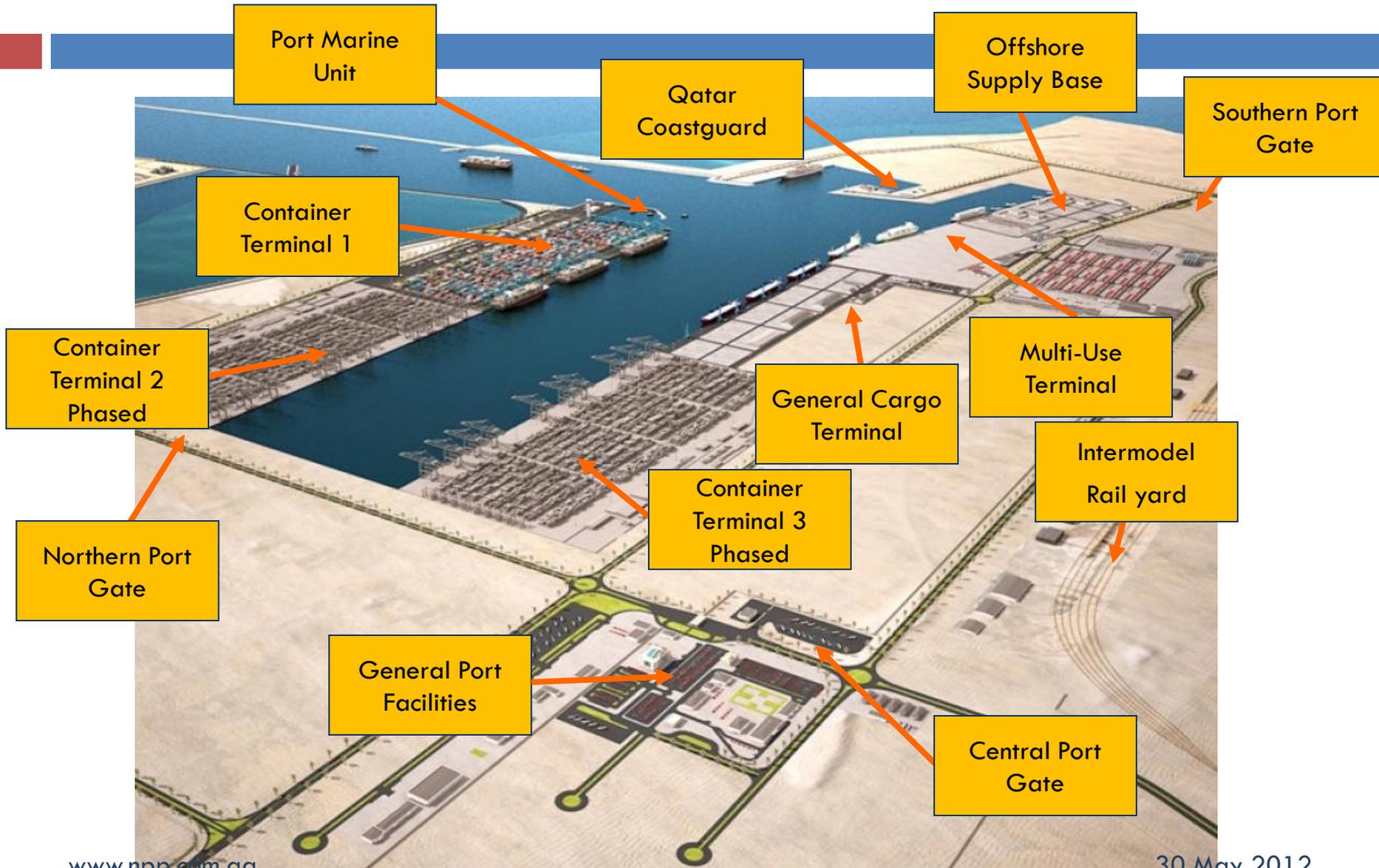


Tender Principles

- **Four Procurement Routes being used:**
 - ▣ Open Tender
 - ▣ Restricted Tender
 - ▣ Expression of Interest
 - ▣ Prequalification
- Process involves Client/Consultant Team, Technical and Tender Committees
- Tenders consist of separate Technical and Commercial Submissions
- Tenders reviewed against pre-approved evaluation procedures
- Evaluations undertaken by joint Client/Consultant Team under strict confidentiality
- Technical Evaluation Report is approved by Technical and Tender Committees
- Only technically compliant tenders progress to Commercial Evaluation
- Commercial Evaluation Report is approved by Tender Committee
- Recommendation to Award is approved by Tender Committee, Steering Committee, Prime Minister and Ministry of Finance

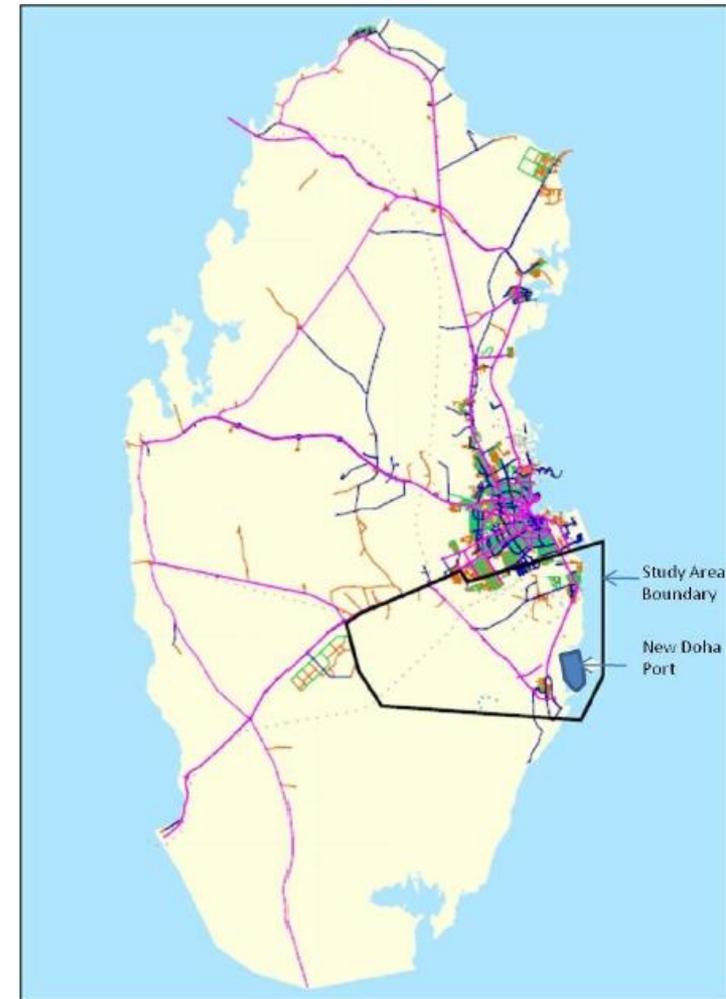
www.npp.com.qa

Master Plan



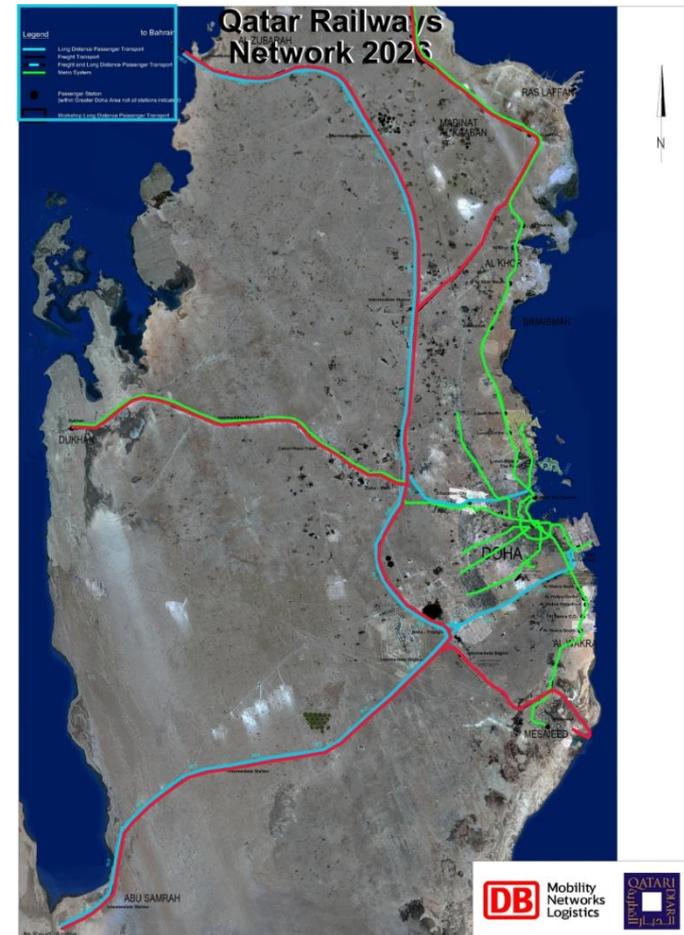
Road Network

- 26 km's of road within the Port
- 27 km's of road in the Naval Base
- Traffic Impact Study completed –
Investigated the impact of the port on Qatar's road network
- Ashghal constructing the 2 main intersections with external highways
- Link to new orbital network



Railway

- Rail intermodal terminals planned for the port
- Planned connections with Qatar Railway and GCC Railway



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