

Islamic Republic of Iran
Ministry of Roads and Urban Development

Ports & Maritime Organization

وزارت راه و ترابری
سازمان بنادر و دریانوردی

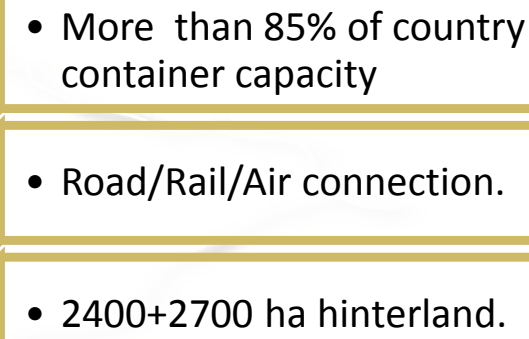


Third Phase of Container Terminal Development Port of Sh.Rajaei



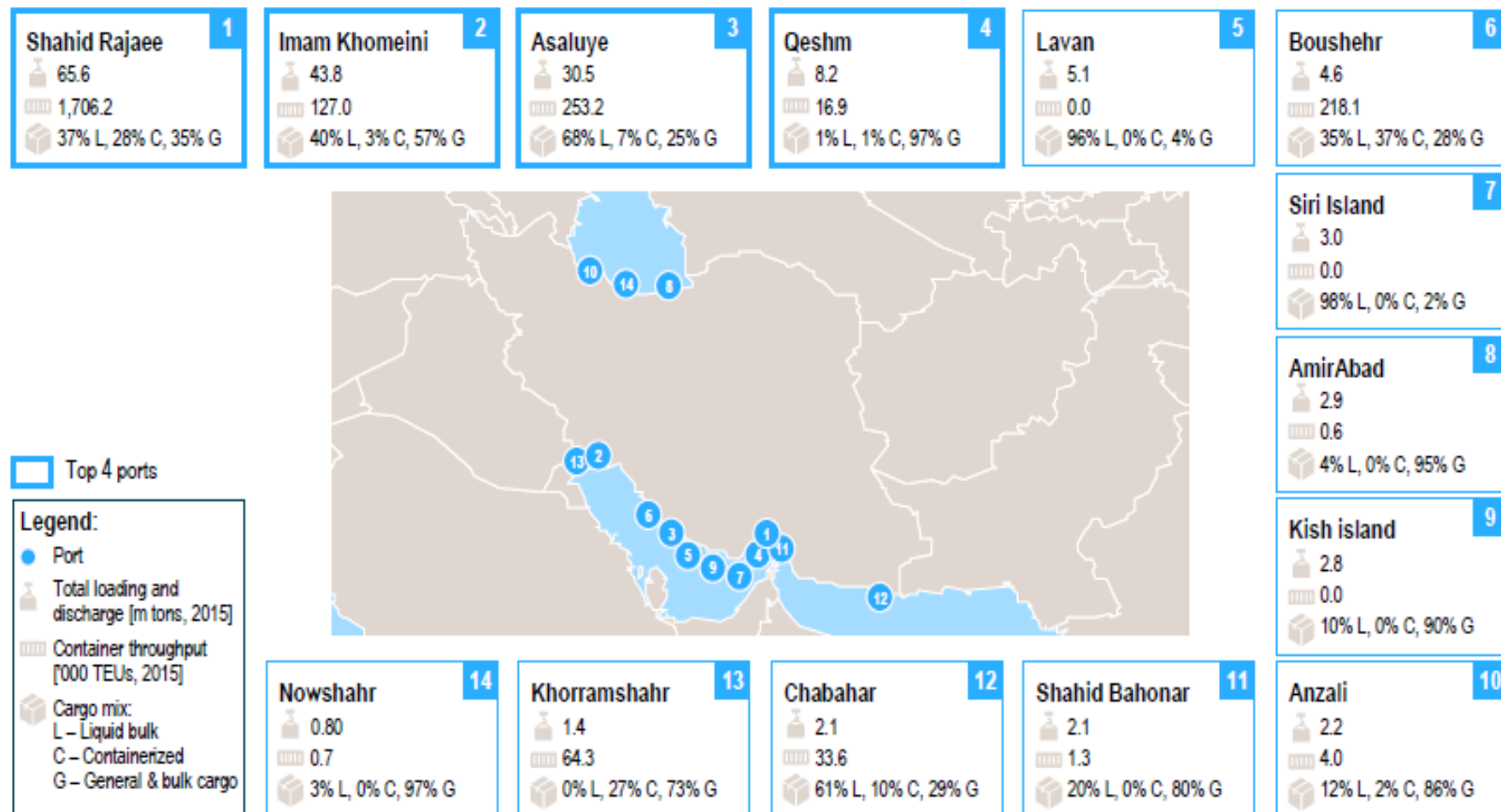
Aria Roustapour Deilamani
The Head of Port Standard Office

Astarakhan

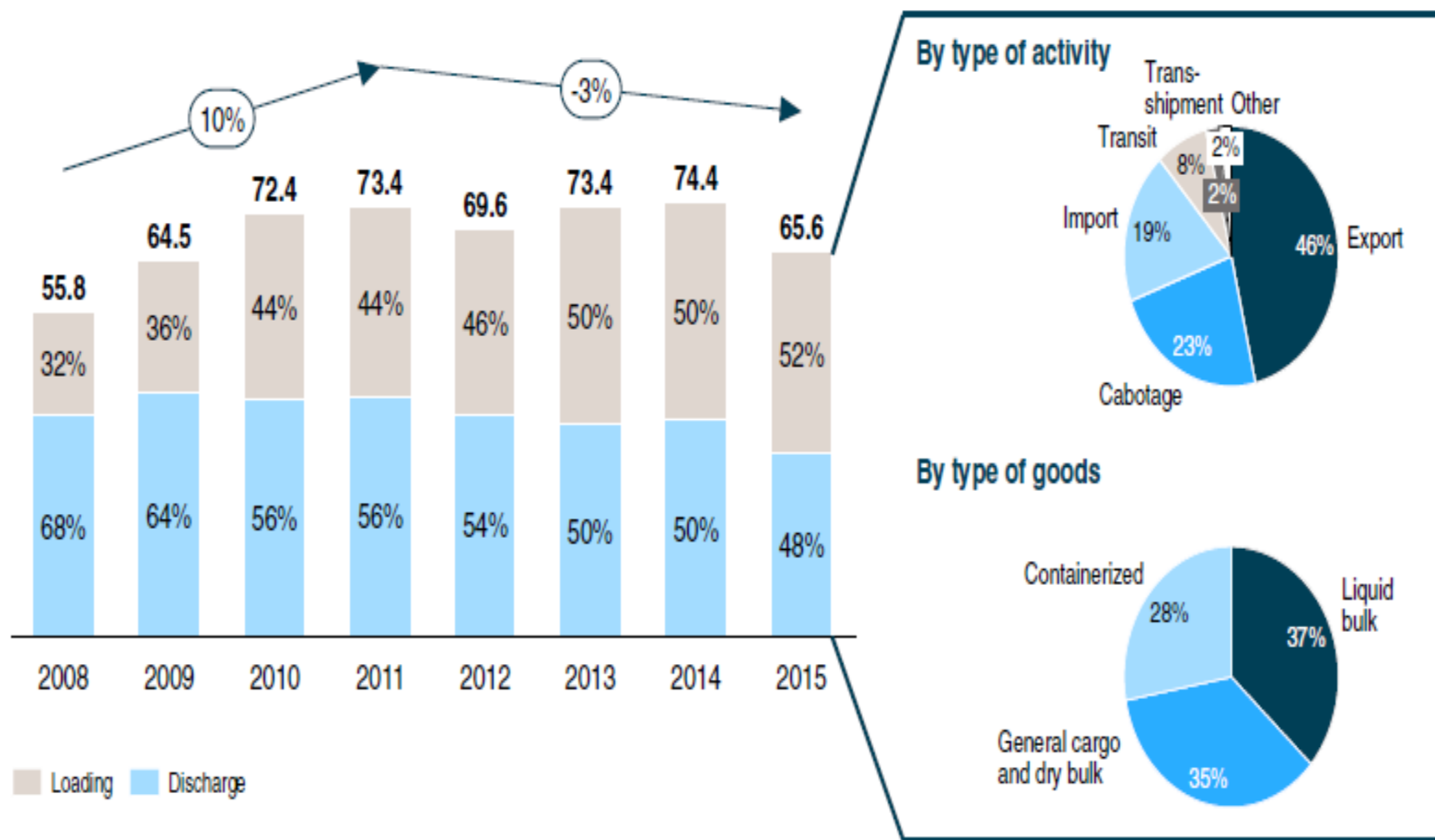


Most of Iran's ports are located on the Persian Gulf, including the top 4 ports, accounting for 83% of total loading and discharge activities

Overview of key ports¹⁾ in Iran



SRP total loading & unloading, Mtons



SHAHID RAJAEI PORT

SPECIAL ECONOMIC ZONE





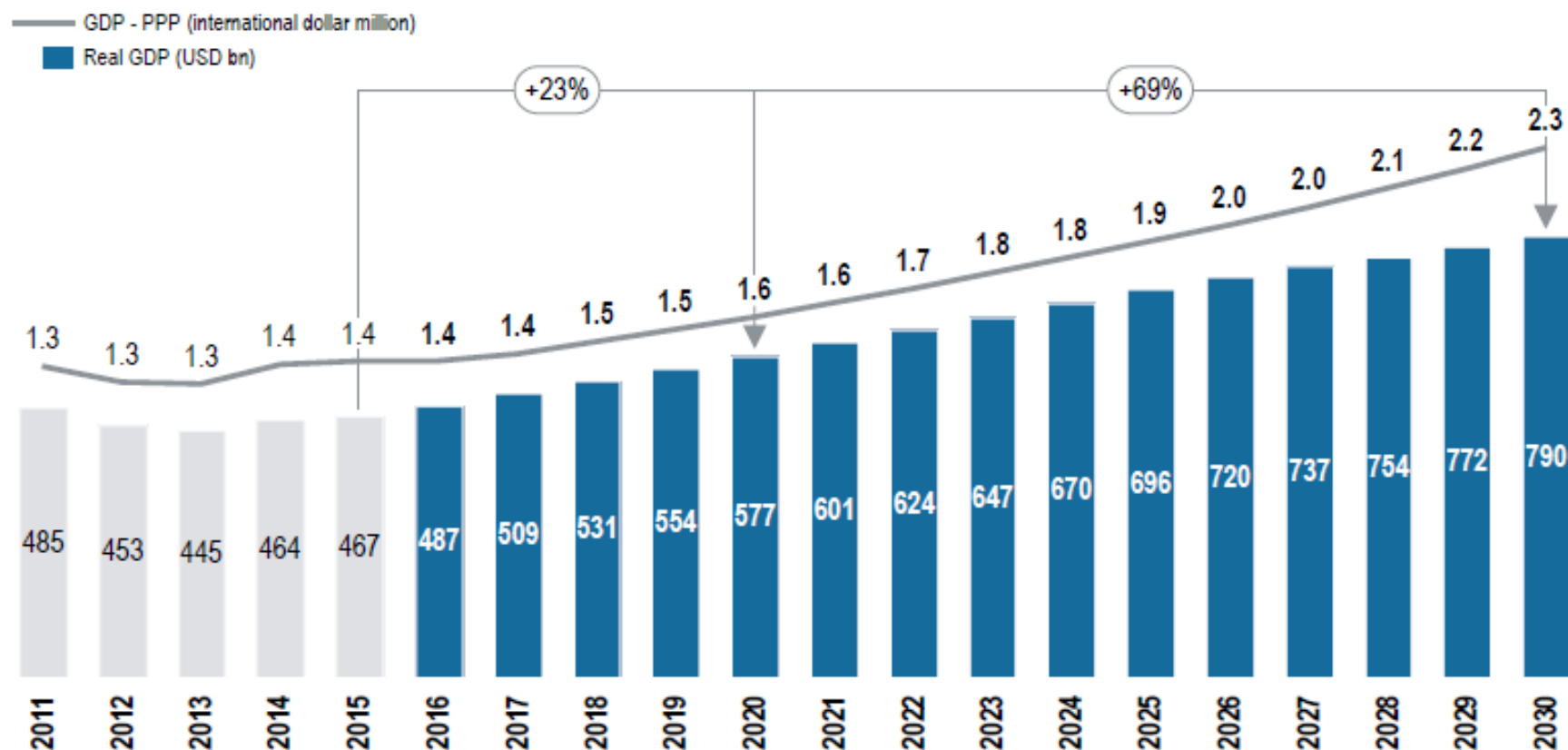
Key Objectives of

Third Phase of Container Dev. Rajae

- accommodation of 18400 TEUs vessels.
- 1500 m quay wall with 16 m Draft
- 15 STS, super post panamax gantry cranes, 67 m outreach.
- adding at least 2 M TEUs capacity to current capacity.
- semi automated operation and advance technology.

With the recent lifting of sanctions, Iran's economy is projected to grow steadily over the next 15 years

Real GDP performance outlook, 2011 – 2030



TERMINAL 3

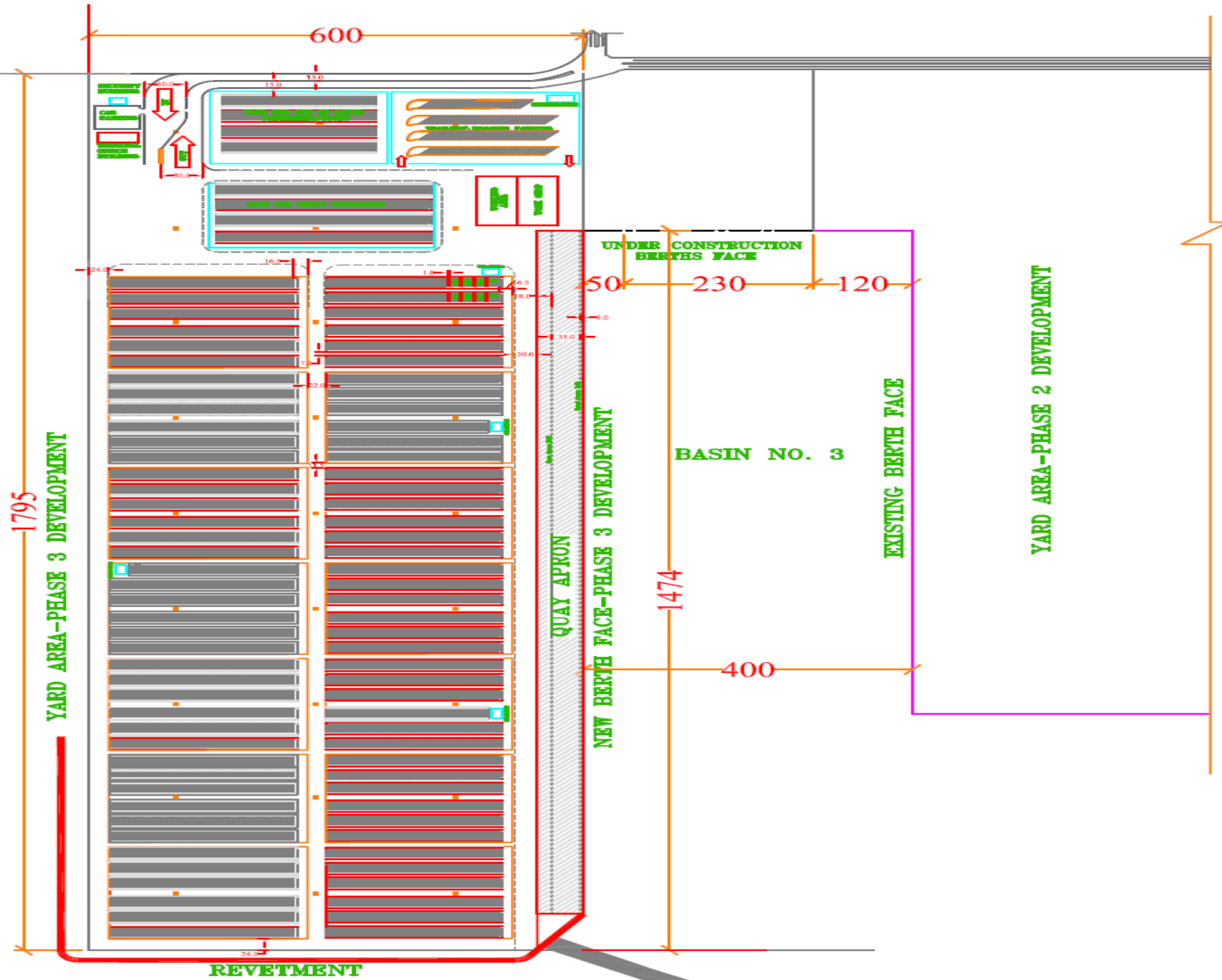
Geographical Position



Development project of Construction & Operation of Shahid Rajaei Port Container Terminal (Phase III)

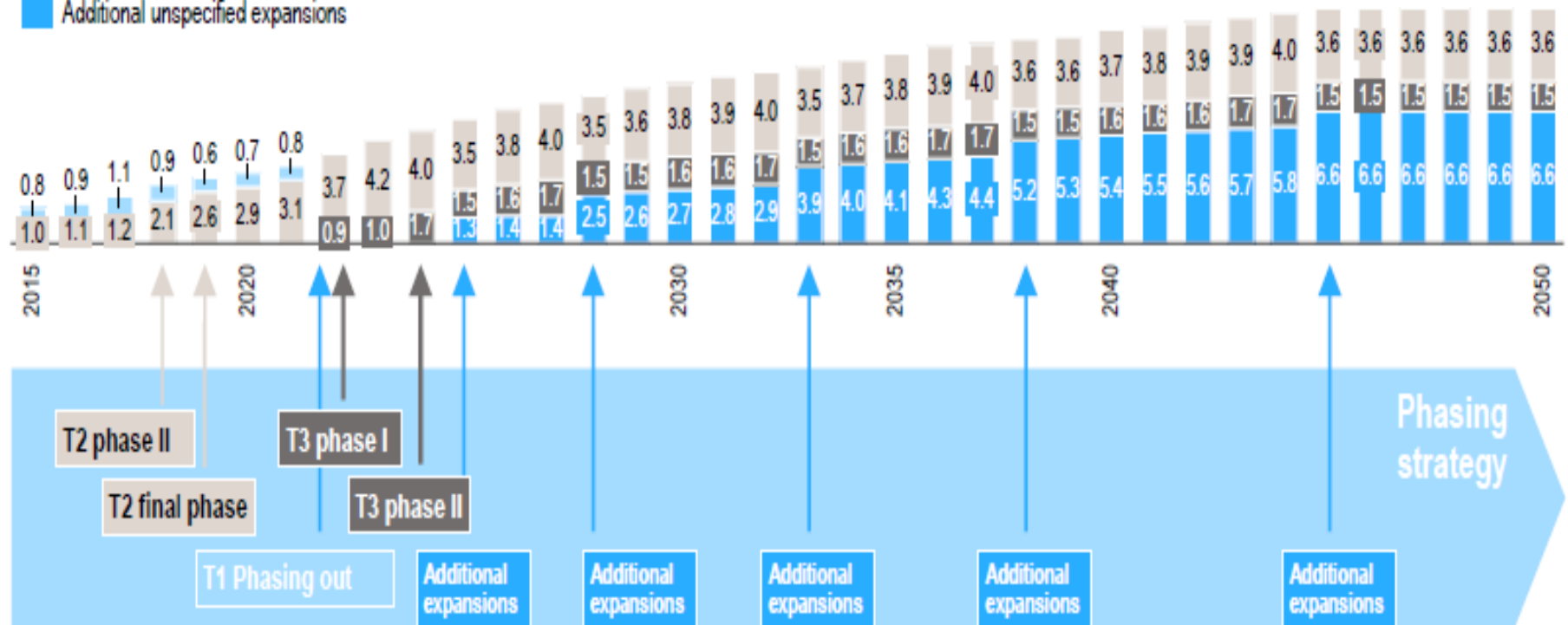
SPECIAL ECONOMIC ZONE





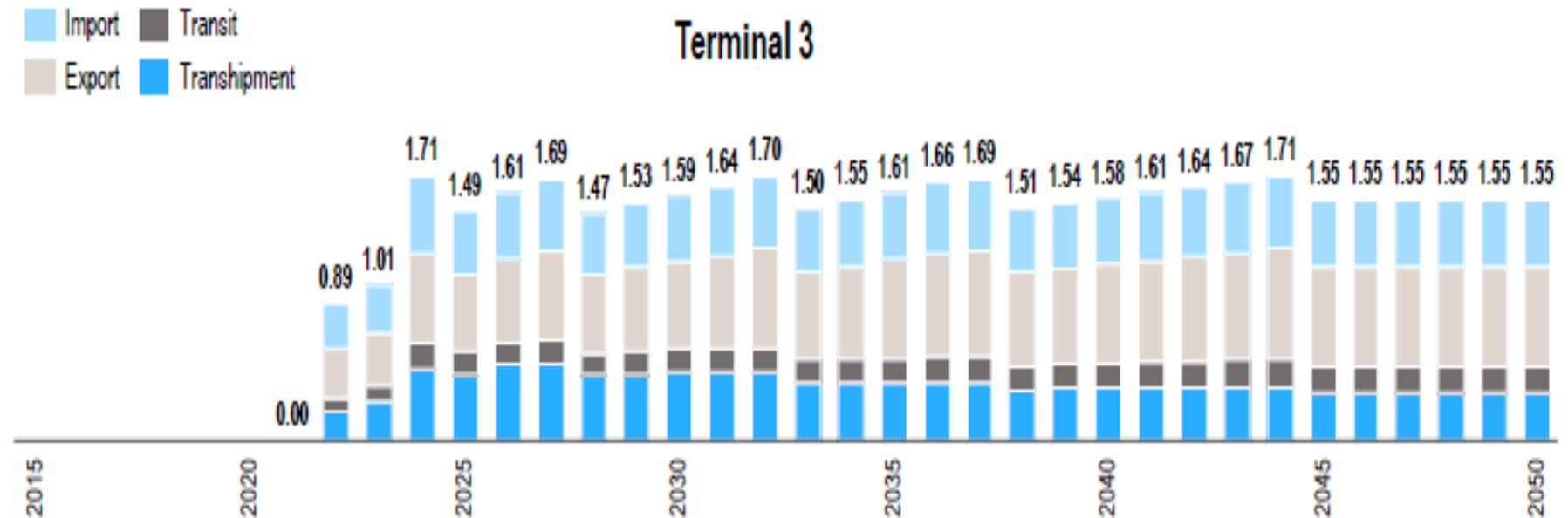
Container forecast in SRP by terminal, 2015 – 2050 [TEU m]

- Terminal 1
- Terminal 2
- Terminal 3
- Additional unspecified expansions



T3 is expected to capture 890,000 TEU in its first year and 1.7 million TEU after the opening of the second phase

Container forecast by activity, 2015 – 2050 [TEU m]



Investment Project Specification

SHAHID
RAJAEI
PORT



Characteristics

- Quay wall construction about **1474** & **16m** Draft.
- Container yard construction about **105hec**.
- Supply and installation of **15** units ship to shore container handlings and **54** unit of RTG.
- **7.1 Million m³** dredging in west of third basin.

Super & Infrastructure Investment

	Quantity	Price (USD)	Total (USD)
Gantry crane	15	8.000.000	120.000.000
RTG	45	1.600.000	72.000.000
Infrastructure	---	---	155.800.000
Dredging	---	---	71.000.000
Total			480.000.000

Overview of required equipment



15 Quay cranes, 20 – 23
container outreach



46 terminal tractors with 96
trailers



54 A-RTG's



8 reach stackers for increased
flexibility & rail loading
capabilities



State of the art Terminal
Operating System (TOS)



30 trucking gates to handle 360
trucks per hour
Wagon loading capacity & rail
connectivity

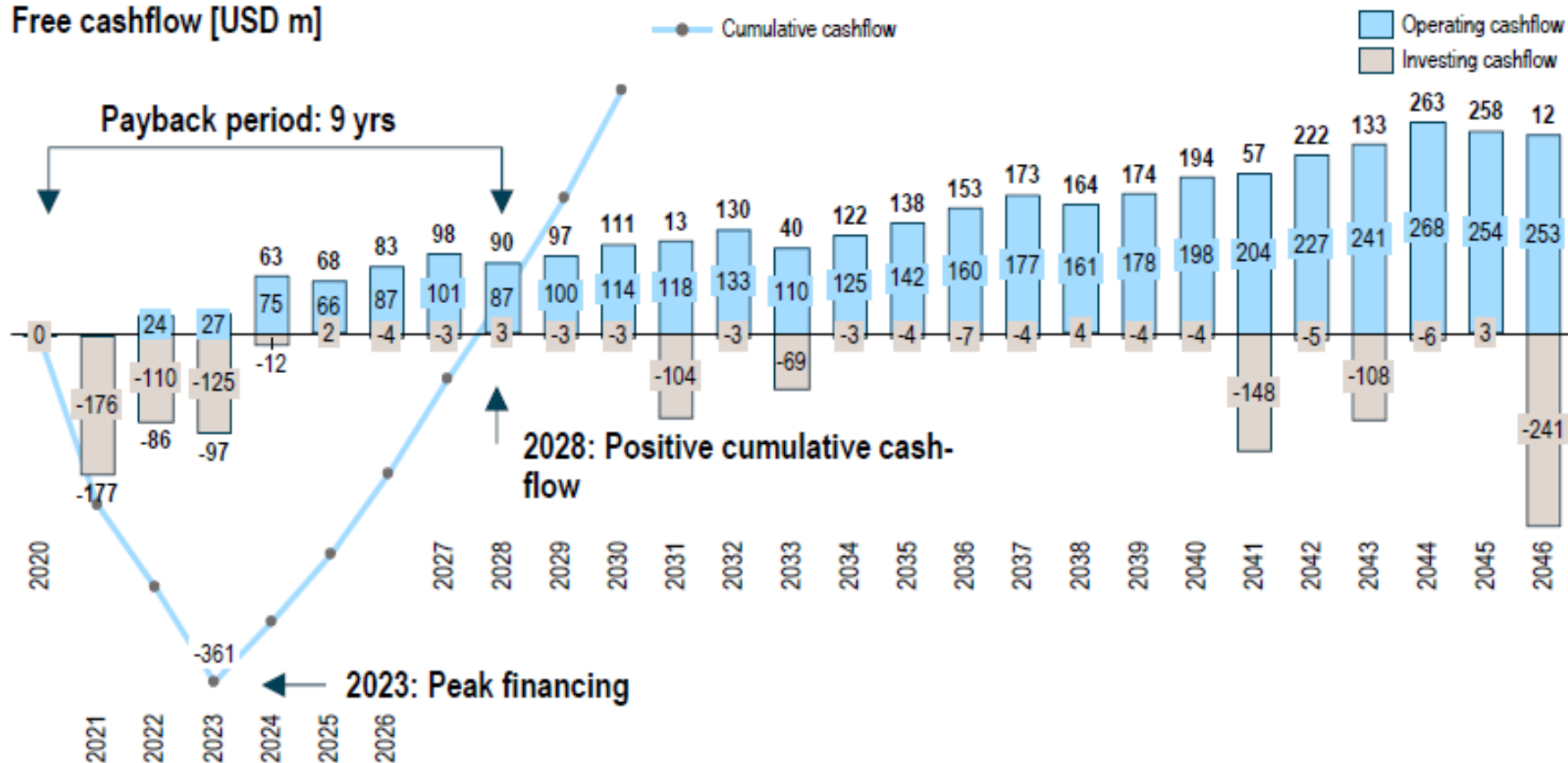


Financial Results

Financial Results	
Investment Expenditure	480 million \$
Construction period	2 years
Operation Period	25 years
Internal Rate of Return	21.34 %
Pay Back	8 years
Operational Capacity	1.700.000 TEU
Nominal Capacity	2.000.000 TEU
Type of contract	BOT

Cashflow overview

Free cashflow [USD m]





**Thanks
for
your attention**