

Statement of future projects at the Ministry of Transport Vision 2030



Arab Republic of Egypt - Development Corridor



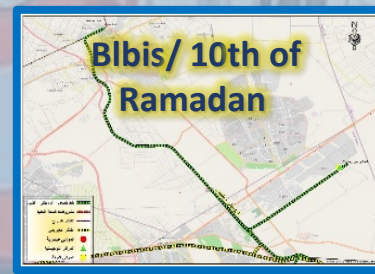
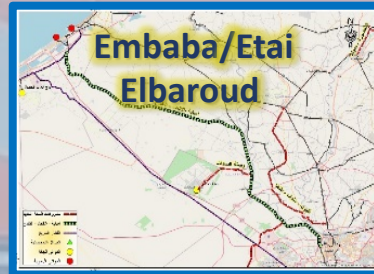
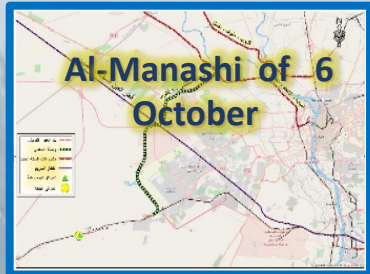


وزارة النقل
MINISTRY OF TRANSPORT



Projects of the Egyptian National Railways

Projects of the Egyptian National Railways



Future Projects of the Ministry of Transport

Railways
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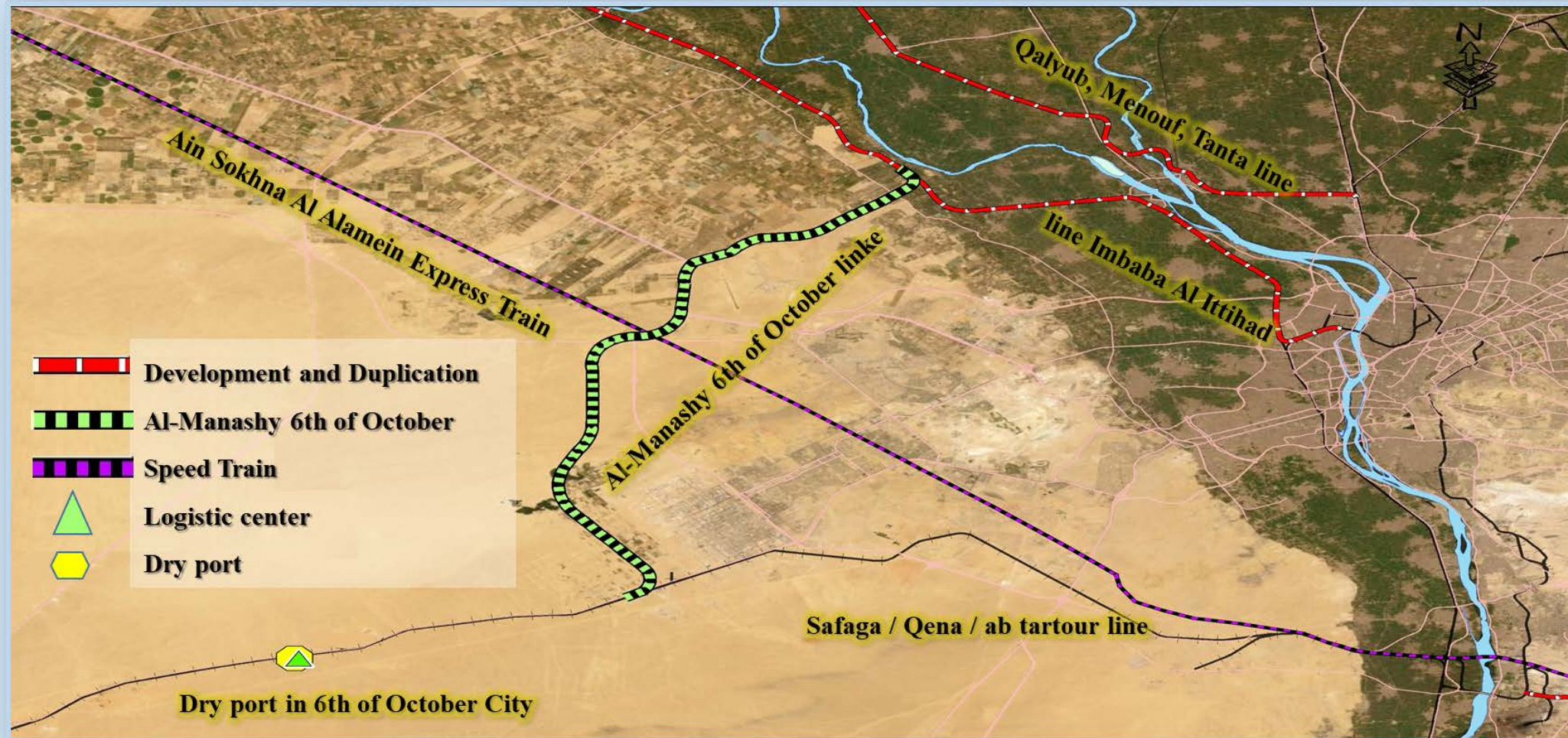
NO	PROJECTS	Estimated cost of construction
1	Construction of a 49 km railway between Al-Manashi and The City of 6 October	\$300 Million
2	The Development of double track line of 227km-long Embaba/Etai Elbaroud Line	\$425 Million
3	Construction of a cargo railway of 61 km Blbis/ 10th of Ramadan / Rubik	\$210 Million
4	The construction of the Matrouh / Jarjoub railway line with a length of 45 km and the rehabilitation of Matrouh / Salloum with a length of 270 km	\$375 Million
5	Extension of the railway line (Cairo / Aswan) to Toshki and extend it to the state of Sudan	850 Million Euro To Toshki
6	Rehabilitation of al-Fardan Railway / Al-Qunetra East / Bir Al-Abd al-Arish / Rafah / Taba	\$580 Million To Bir Al-Abd
7	Reconstruction, operation and maintenance of the Abu Tartoor/Qena	\$580 Million
8	Management and operation of the main workshops of the Egyptian National Railways	—
9	Management and operation of railway companies, sectors and lines	—

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1 Construction of a 49 km railway between Manashi and 6th of October City



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1 Construction of a 49 km railway between Manashi and 6th of October City

PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u> Al-Manashi / City of 6October</p> <p><u>the goal of the project:</u></p> <ul style="list-style-type: none">transporting goods between the ports of Alexandria and Dekhila and the dry port of October 6 using the cargo fleet of the Railway Authority, especially container transport.The project also aims to avoid conflicting cargo trains with passenger trains in the Cairo/Aswan line, which reduces the journey time or time taken to perform the cargo transport service.Increase the capacity of the cargo transport to the dry port by 6 October to 3 million tons per year. <p><u>The components of the project</u></p> <p>are 49 km long and a serious economic study is under way by the Italian company Italfer and the study ends December 2020.</p>	<p>\$300 million</p>	<p>Partnership with the private sector</p>

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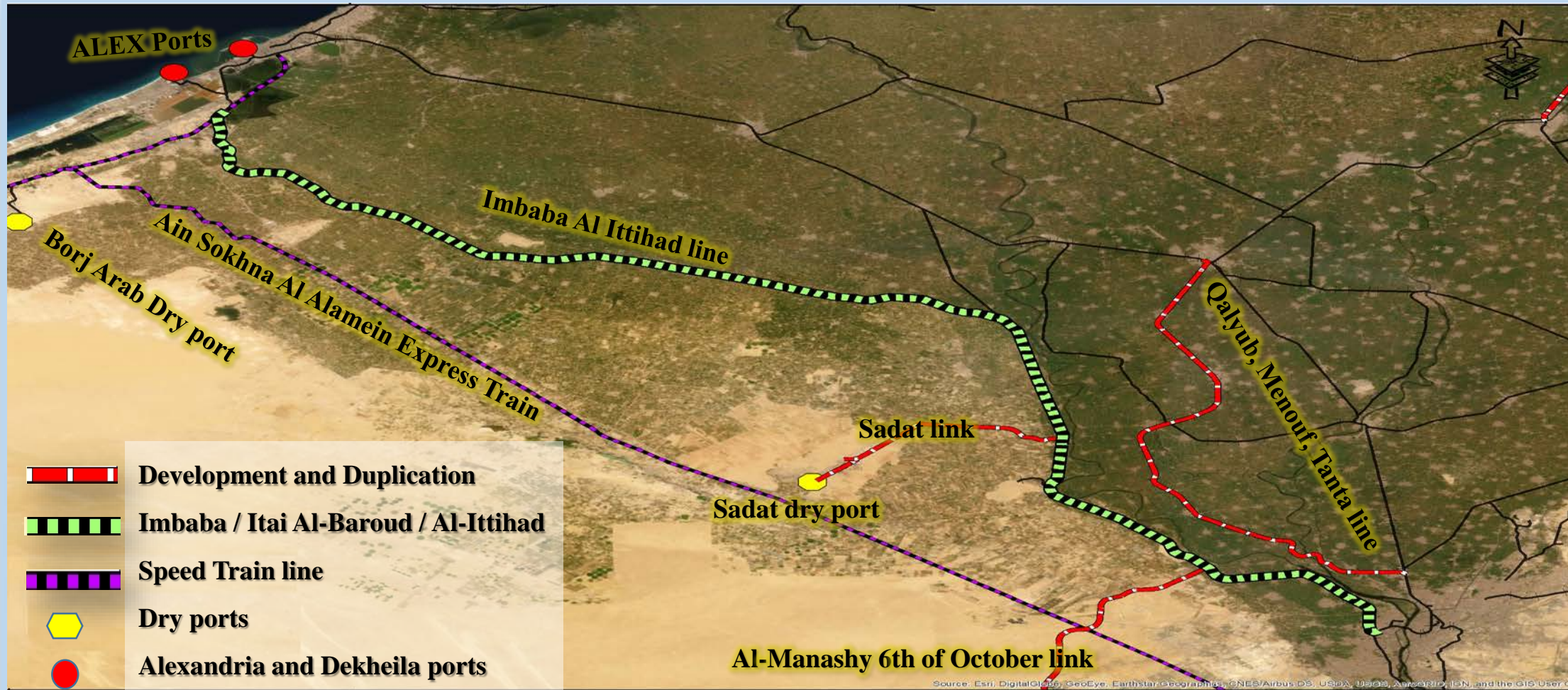
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2

The Development and double track of Embaba/Etai Elbaroud Line (227km-long)

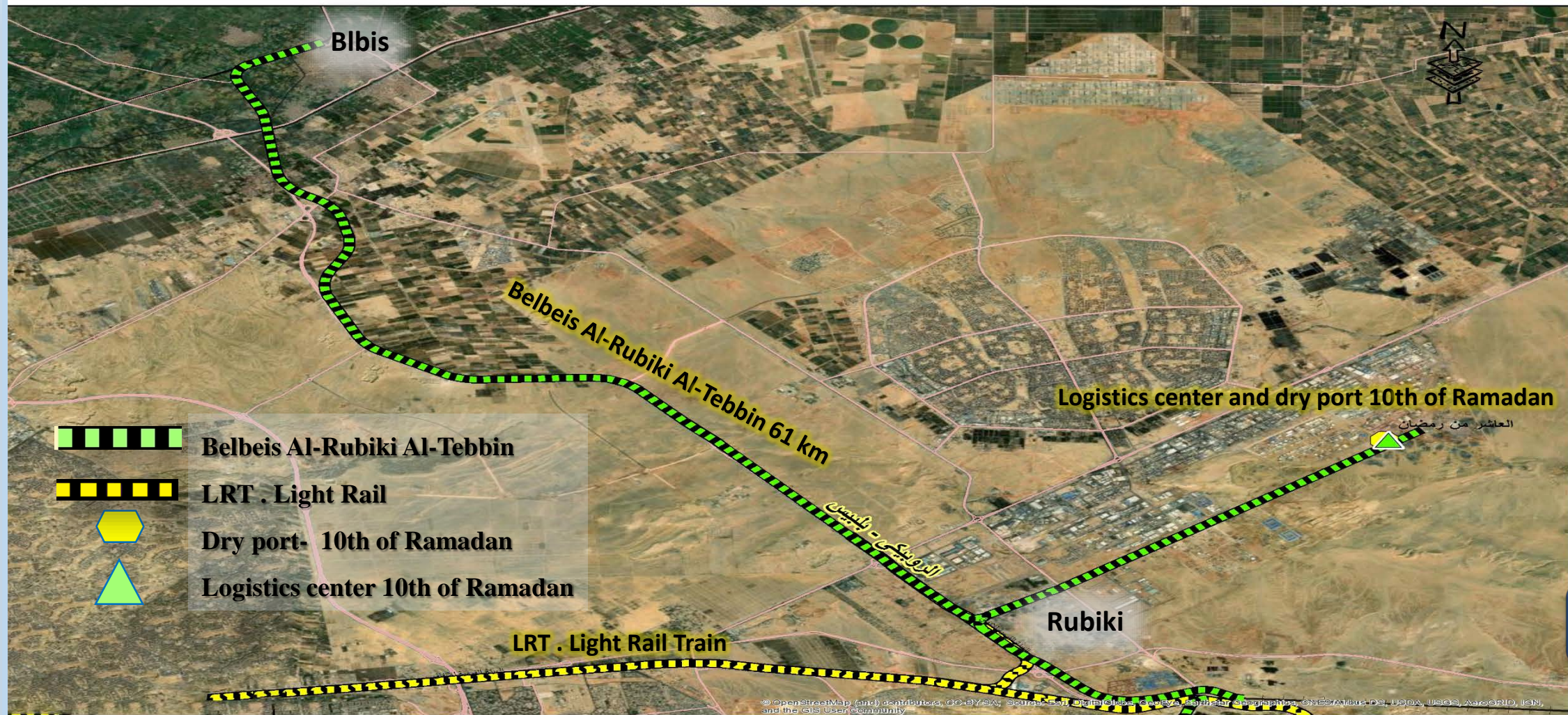


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PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u> Embaba / Etai Elbaroud, Union Line</p> <p><u>the goal of the project:</u></p> <ul style="list-style-type: none">• to absorb the increased and expected demand for passengers and goods as a result of the construction of the dry port of both the city 6 of October and sadat city.• Increase the movement of freight and passenger trains on the line. Components of the project: the work of earth bridges and new industrial works or extension of the current works.• The 119 km Embaba/Etai Elbaroud will be duplicated.• The 108 km-long Etai-Al-Ittihad line will be duplicated.• The development of signal systems, the Embaba/Etai Elbaroud line and the Union Line of The EIS system, resulting in increased speeds and the achievement of the safety element. A detailed feasibility study is under way.	\$425 million	Partnership with the private sector

3

Construction of a cargo railway of 61 km Blbis/ 10th of Ramadan / Rubik



3

Construction of a cargo railway of 61 km Blbis/ 10th of Ramadan / Rubik

PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u> Blbis / 10th of Ramadan / Rubik.</p> <p><u>goal of the project:</u></p> <ul style="list-style-type: none"> linking the area of the tenth of Ramadan logistics with the tribal face, marine ports, industrial cities and dry port service in the tenth of Ramadan. Increasing the capacity of the transported by rail to one million tons per year on this line directly. Connecting the city of the 10th of Ramadan directly to the railway network via the Blbis/Cairo line, which leads to a decrease in the journey time of the freight train. <p><u>Components of the project:</u></p> <ul style="list-style-type: none"> This project is 61 km long connecting the area of Rubik on the line of Ain Shams Suez and the site of the dry port of the city of Ramadan and connects the industrial zone of the city of 10th of Ramadan and is under going on a serious economic study. 	\$210 million	Partnership with the private sector

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4

The construction of the **Matrouh / Jarjoub** railway line with a length of 45 km and the rehabilitation of **Matrouh / Salloum** with a length of 270 km



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4

The construction of the **Matrouh / Jarjoub** railway line with a length of 45 km and the rehabilitation of **Matrouh / Salloum** with a length of 270 km

PROJECT DATA

Estimated
cost

Source of
funding

Location: Matrouh / Jarjoub

the goal of the project:

- Connecting the seaport (Jarjoub) to the network of railway lines such as AL-Kabare line / Matrouh and the Siwa line and the rest of the ports of the Republic.
- Rail connectivity with Siwa Oasis, which contributes to maximizing the transport of goods and multimedia transport.
- To serve the structural plans for future expansions in the western region, whether industrial, agricultural or residential, and to stimulate tourism with the future extension of the link with neighboring countries (Benghazi, Libya).

Components of the project:

- A detailed feasibility study is prepared for the construction of a railway project between Siwa-Matrouh-Jarjup, with passengers and cargo to begin connecting the port of Jarjup with Matrouh before studying the link of Matrouh to Siwa. Coordination with the Libyan side is being coordinated for the railway link between Salloum in Egypt and Beni Ghazi in Libya later.
- The study will include the preference that the project be launched directly BOT system or the state will bear the implementation of the project and then put it to the investors to implement the project in stages.

\$ 375 Million

Partnership
with the
private
(sector)

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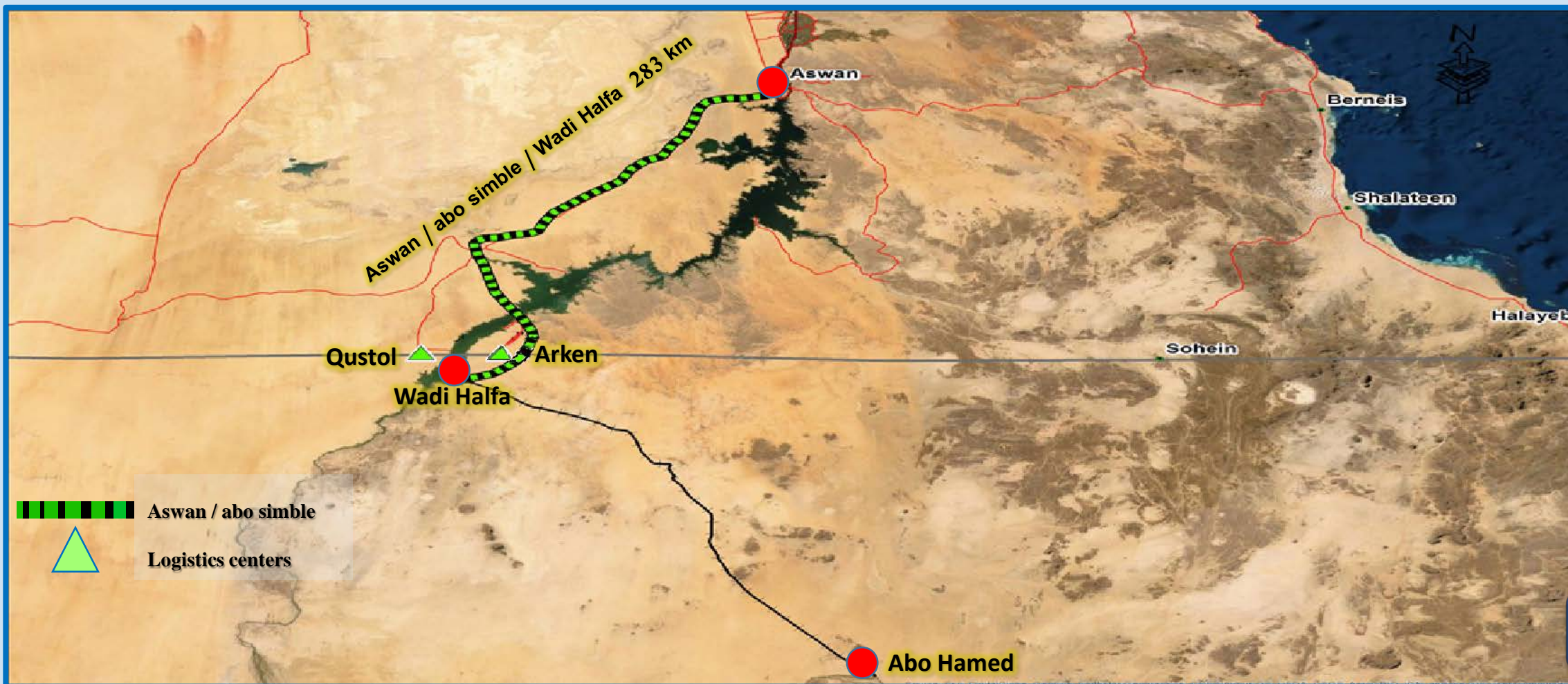
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5

Extension of the railway line (Cairo / Aswan) to Toshki and extend it Sudan



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5

Extension of the railway line (Cairo / Aswan) to Toshki and extend it Sudan

PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u> Aswan / Toshki – Sudan</p> <p><u>the goal of the project:</u></p> <ul style="list-style-type: none">• This project represents a strategic dimension to connect Toshki to the Cairo/High Dam railway, which facilitates the movement of passengers and goods between Toshki and the rest of the stations of the Republic, which contributes to the service of the structural plans for future expansions, whether industrial, agricultural or residential.• The railway link between Egypt Railways and Sudan Railways through a interchange station in Wadi Halfa. <p><u>Components of the project:</u></p> <ul style="list-style-type: none">• The construction of a railway line from the Cairo/Aswan line to Toshki along 225 km and from there to Sudan.• A detailed feasibility study is under way on three proposals:• The link between wadi Halfa (Sudan) and aswan city on the western side of 400 km.• The link between Wadi Halfa (Sudan) and the city of Aswan on the eastern side is 446 km long.• The link between the city of Abu Ahmed (Sudan) and the city of Aswan is about 609 km long.	850 Million Euro To Toshki	Partnership with the private (sector

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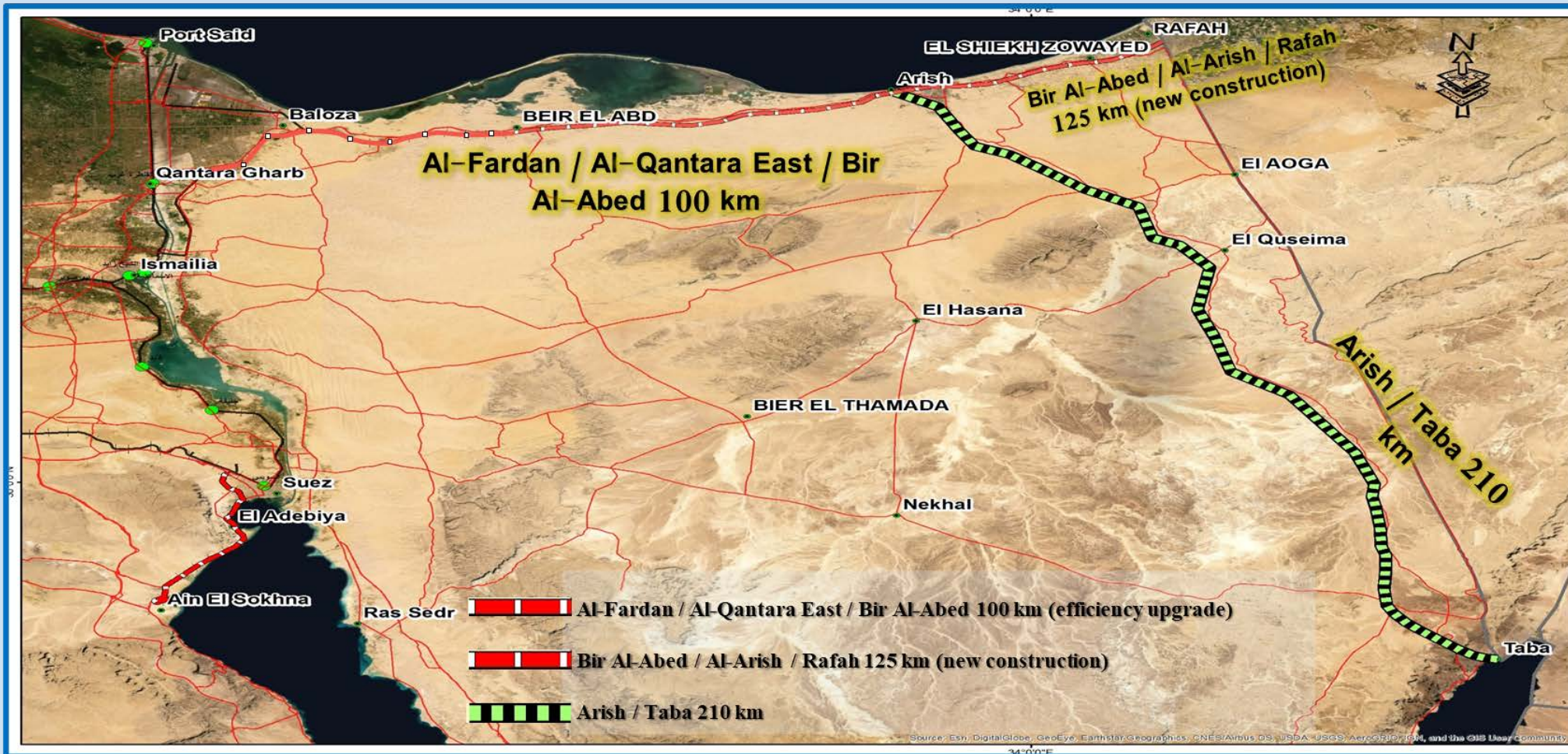
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6

Rehabilitation of al-Fardan Railway / Al-Qunetra East / Bir Al-Abd al-Arish / Rafah / Taba



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6

Rehabilitation of al-Fardan Railway / Al-Qunetra East / Bir Al-Abd al-Arish / Rafah / Taba

كوبرى الفردان



- Al-Fardan / Al-Qantara East / Bir Al-Abed (100 km)
- Bir Al-Abed / Al-Arish / Rafah (125 km)
- Arish / Taba (210 km)

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Future Projects of the Ministry of Transport

Railways
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6

Rehabilitation of al-Fardan Railway / Al-Qunetra East / Bir Al-Abd al-Arish / Rafah / Taba

PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u></p> <p>Al-Fardan, Al-Qantra East, Bir al-Abed, Al-Arish, Rafah, Taba.</p> <p><u>The goal of the project:</u></p> <ul style="list-style-type: none">• connecting the Sinai Peninsula to the railway network to the eastern region between Al Fardan to Rafah and then extending to Taba.• This line contributes to the service of agricultural and industrial projects and petroleum services and the service of new structural plans that serve the future expansion of new residential areas, which contributes to facilitating the movement of goods and passengers between the Nile Valley and Sinai.• The possibility of connecting to neighboring countries. <p><u>Components of the project:</u></p> <ul style="list-style-type: none">• Distance from Al Fardan to Bir Al-Abd 225km. The rest of the distance between Bir al-Abd, Al-Arish and Taba is being studied.• A detailed feasibility study is under way.	<p>\$580 Million To Bir Al-Abd</p>	<p>Partnership with the private sector</p>

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Future Projects of the Ministry of Transport

Railways
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7

Reconstruction, operation and maintenance of the Abu Tartour/Qena



Railways
ENR

PROJECT DATA	Estimated cost	Source of funding
<p><u>Location:</u> Abu Tartour – Qena Line</p> <p><u>The goal of the project:</u></p> <ul style="list-style-type: none">• Transport phosphate ore and phosphoric acid from Abu Tartour, the intermodal station, at km 468 Qena, the planned passage of the high-speed electric train (Luxor / Hurghada / Safaga) to link Abu Tartour and Safaga port.• Transport of grain from Safaga port to grain silos in the Republic.• Connecting the logistic area in Safaga port to the railway network, thus increasing the quantity of goods transported by railway.• Connecting Hurghada to a railway network with the expectation of future urban expansion in the Red Sea Governorate <p><u>Components of the project:</u></p> <ul style="list-style-type: none">• The total distance of the Abu Tartour – Qena railway line is 468 km.	<p>\$ 550 million.</p>	<p>Partnership with the private sector</p>

Management and operation of the main workshops At the Egyptian National Railways Authority

(29) workshops

Future Projects of the Ministry of Transport

Railways
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s	The name of workshop	The activity of workshop	The No of workers in the workshops	The site of workshop	The area of workshop
1	Kom Abu Rady workshop	Implementing various overhauls for all types of air-conditioned passenger coaches	25 engineers 1784workers	Beni Suef Governorate – Industrial Zone in Wasta.	75acres
2	Gabal Al Zaitoun workshop	Performing general overhaul for all types of freight wagons	10engineers 438workers	Alexandria Governorate – Kabbari within the population area	18 acres
3	Abu Zabaal workshop	General and medium overhauls for third-class passenger coaches	8engineers 926workers	Qalyubia Governorate – Abu Zaabal Within the Population Area	67 acres
4	Al Abassia workshop	Manufacturing (switches - intersections - expansion - side points- side rails- retorts) according to the current projects of ENR ¹ , which are related to railway renewals, which are carried out by ENR infrastructure sector	4engineers 298workers	Cairo governorate– Abbasia inside the population area	10 acres
5	Signalling workshop	Manufacture of signaling engineering works in ENR blocks interlocking – switches - cruise devices - tires - mechanical semaphores etc.)	4engineers 230workers	Cairo governorate– Farz Cairo	5 acres
6	Electronic center	The center manufactures (ATC inverter panels - ATC alarm device - inverter for fluorescent lamps 120 cm working in all regular vehicles	engineers 6 worker 45	Cairo governorate– Farz Cairo	1 acre inside Farz Cairo phences

Future Projects of the Ministry of Transport

Railways
ENR



s	The name of workshop	The activity of workshop	The No of workers in the workshops	The site of workshop	The area of workshop
7	Abu Ghates Coaches workshops	Performing the periodic maintenance for coaches	680 worker	Cairo Governorate – next to El Sharabeya Bridge, Ahmed Helmy Street, surrounded by railways from all sides	around 27acres
8	Kobri Al Lamon worksho	Perform regular maintenance and the preparation and readiness of trains	65 worker	Cairo Governorate – Ramses next to the Vehicles Administration in Mahmasha	Around 2 acres
9	Locomotives workshop in Al Farz	Carrying out periodic (preventive) maintenance of various types and daily preparation	675 worker	Cairo Governorate – Farz Cairo (Al Sharabeya) is surrounded by the railway from all sides	3.5acres
10	Diesel Abu ghates	Preparing incoming and ready tractors	92 worker	Cairo Governorate – Diesel Abu ghates next to Cairo Station	around 22800 meter
11	Sleeping coaches workshop	Readiness with sleeping coaches trains	166 worker	Cairo Governorate – Sharabeya – surrounded by railways lines from all sides	Around 26000 meter
12	VIP coaches within the sleeping coaches workshop	Getting ready with VIP trains, Spanish trains, and power coaches on the boogies side	166 worker	Cairo Governorate ,El Sharabeya Farz Cairo	24800 meter train

Future Projects of the Ministry of Transport

Railways
ENR



s	The name of workshop	The activity of workshop	The No of workers in the workshops	The site of workshop	The area of workshop
13	The Spanish coaches workshop	Readiness with the French coaches train	193 worker	Cairo Governorate – Sharabeya Farz Cairo	Around 3 acres
14	Power coaches workshops	Lifting engines from them - lifting generators - overhauling cables and controls - washing radiators. - Overhauling engines.	149 technicians + engineers 207convoyers	Cairo Governorate – Sharabeya Farz Cairo	Around 1 acres
15	Tanta workshop	Periodic maintenance and overhauls of coaches and locomotives	399 worker 14 engineer	Gharbia governorate – Tanta –Central Delta	28 acres
16	Mansoura workshop	Periodic maintenance and removing the failuresa of coaches and locomotives	237workers 7engineers	Dakahlia– Mansoura – central Delta	21 acres
17	AL Hadara workshop	preparation of locomotives and coaches , maintenance, periodic maintenance and overhauls of the ATC	415 workers 19engineers	Alex station– Al Hadara– west Delta	80 acres
18	Qabbary workshop	Maintenance and repair of locomotives and wagons that operate in the transport of freight	151 workers 6 engineers	Alex Governorate – Qabbary– West Delta	22000 meter

Future Projects of the Ministry of Transport

Railways
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S	The name of workshop	The activity of workshop	The No of workers in the workshops	The site of workshop	The area of workshop
19	Zagazig workshop	Periodic maintenance and maintenance of passenger coaches and freight wagons and the preparation of trains	650 workers 13 engineers	Sharqia governorate – Zagazig – East Delta	24 acres
20	Nefisha workshop	Periodic maintenance and maintenance of passenger coaches and freight wagons ,and the preparation of trains	155 workers 6 engineers	Ismailia governorate – East Delta	151 acres
20	Suez Workshop	Periodic maintenance and maintenance of passenger coaches and freight wagons ,and the preparation of trains	111 Workers 3engineers	Suez governorate–East Delta	13 acres
22	Port Said workshop	Periodic maintenance and maintenance of passenger coaches and freight wagons ,and the preparation of trains	90 workers 3engineers	Port Said Governorate– East Delta	23000 meter
24	Menia Edafia workshop	General overhaul of coaches	250 workers 4engineers	Menia governorate	25000 meter

Future Projects of the Ministry of Transport

Railways
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s	The name of workshop	The activity of workshop	The No of workers in the workshops	The site of workshop	The area of workshop
25	AL Menya Al Masria workshop	(performing the preparation of trains and periodic maintenance and removal of failures of train (coaches and locomotives)	350 workers 7engineers	Menia governorate	10 acres
26	Suhag locomotives workshops	preparation of trains and removing failures of all types of locomotives and performing periodic maintenance of coaches	183 workers and technicians 7engineers	Suhag governorate	2 acres
27	Nag Hamadi locomotives workshop	Preparation of trains and removing the failures of locomotives and coaches	65 workers and 1 engineer	Nag Hamadi governorate	4.5 acres
28	Assiut locomotives workshops	Preparation of trains and removing the failures of locomotives and coaches	143 workers 7engineers	Assiut governorate	2.5 acres
29	Luxor workshop	Maintenance and preparation of locomotives and coaches	workers 314 engineers 12	Luxor governorate	25000 meter

Management and Operation of Railways Companies, Sectors and lines



Future Projects of the Ministry of Transport

Railways
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Ser.	Company Name	Activity
1	ERIS	Carrying out security and cleaning works for facilities, tasks, rolling stock and facilities security.
2	ERNS	Management and operation of sleeping coaches, train buffets, stations, social and sports clubs.
3	TRANS IT	Designing, developing and preparing computer programs and systems as well as designing comprehensive technology solutions for developing the MoT network and its affiliated authorities.
4	Freight Transport Company	Operating railway freight transport sector in preparation for the establishment of a multimodal transport company with land and Waterways transport companies.
5	Luxurious Trains Operation Company	Management, operation and maintenance of the new Spanish lines on long lines
6	Russian Luxurious Coaches Operation Company	Management, operation and maintenance of Russian luxurious (first - second) air-conditioned coaches to provide a distinguished service for passengers.

Waterways Transport Authority Projects

(2) Projects

Sectors

Future Projects of the Ministry of Transport

Waterways



Construction, operation and maintenance of new Waterways ports with usufruct system

project synopsis

In the framework of the development and upgrading of the waterways liner, especially the Cairo-Aswan waterway, the land allocated to the Authority was put forward for the use of the right-benefit system for investors to establish and operate the following Waterways ports:

- 1- Dandra Waterways Port in Qena Governorate. -
- 2 - The Port of The Facility in Sohag Province -

Project importance

Increasing the annual volume of goods through the internal water transport network.

Project goals

Increasing the operating capacity of the shipping road network.
Reducing road maintenance costs.
Reducing road accidents.
Reducing fuel consumption.

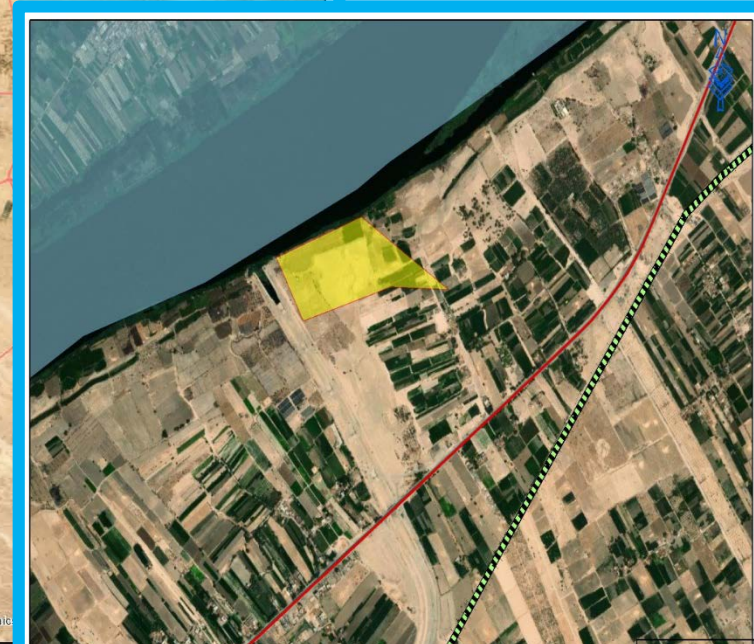
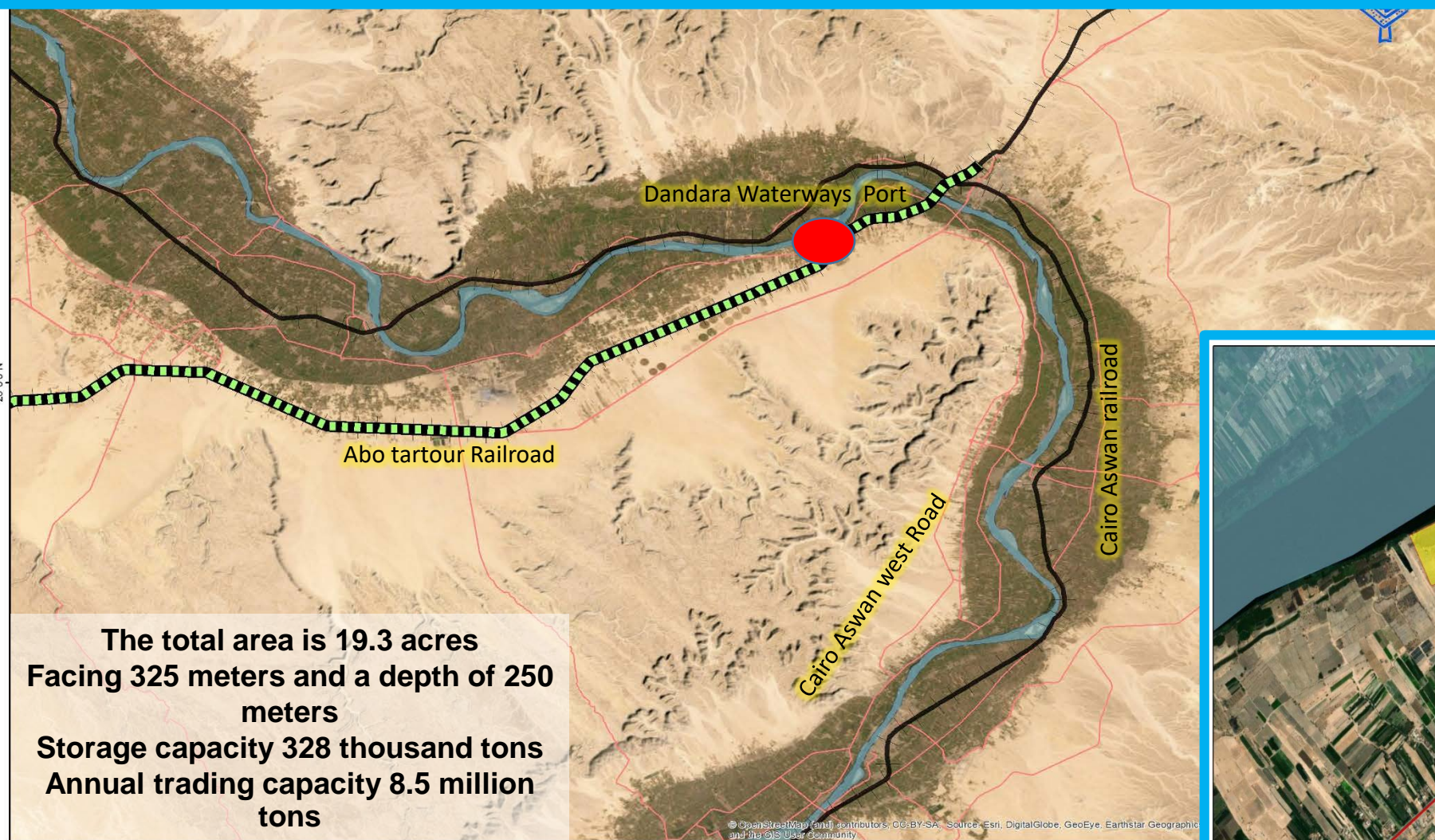
Future Projects of the Ministry of Transport

Waterways



1

Construction, operation and maintenance of Dandara Waterways Port in Qena governorate



Future Projects of the Ministry of Transport

Waterways



1

Construction, operation and maintenance of Dandara Waterways Port in Qena governorate

PROJECT DATA	Source of funding	Estimated cost
<p><u>Location:</u></p> <p>Dandra Center in Qena governorate (at 650 k delta arcades)</p> <p><u>the goal of the project:</u></p> <ul style="list-style-type: none">to increase the volume of goods that are running Waterways . Area: – 21fadan. The façade on the Nile: 325 meters.The southern border of the port: Asphalt road with a width of 10 meters connecting Qena and Naga Hammadi the distance between the port and the first agricultural road: 550 meters. Distance between the port and the first desert road (Cairo / Western Aswan): 4.5 km. Distance between the port and the nearest Savaja/Abutrtore railway: 900 meters. The width of the Nile in front of the port: 425 meters ranging from the depth of the sea course in front of the port: 3–4 meters. Storage capacity: 255 thousand tons.Annual trading capacity: 6.6 million tons.The volume of cargo imported by the province: estimated at about one million tons of the most important rice– wheat – fertilizer the volume of goods exported by Qena governorate: estimated at about one million tons, the most important of which is sugar cane – aluminum products – molasses.	Usufruct system For 30 year	\$20 million

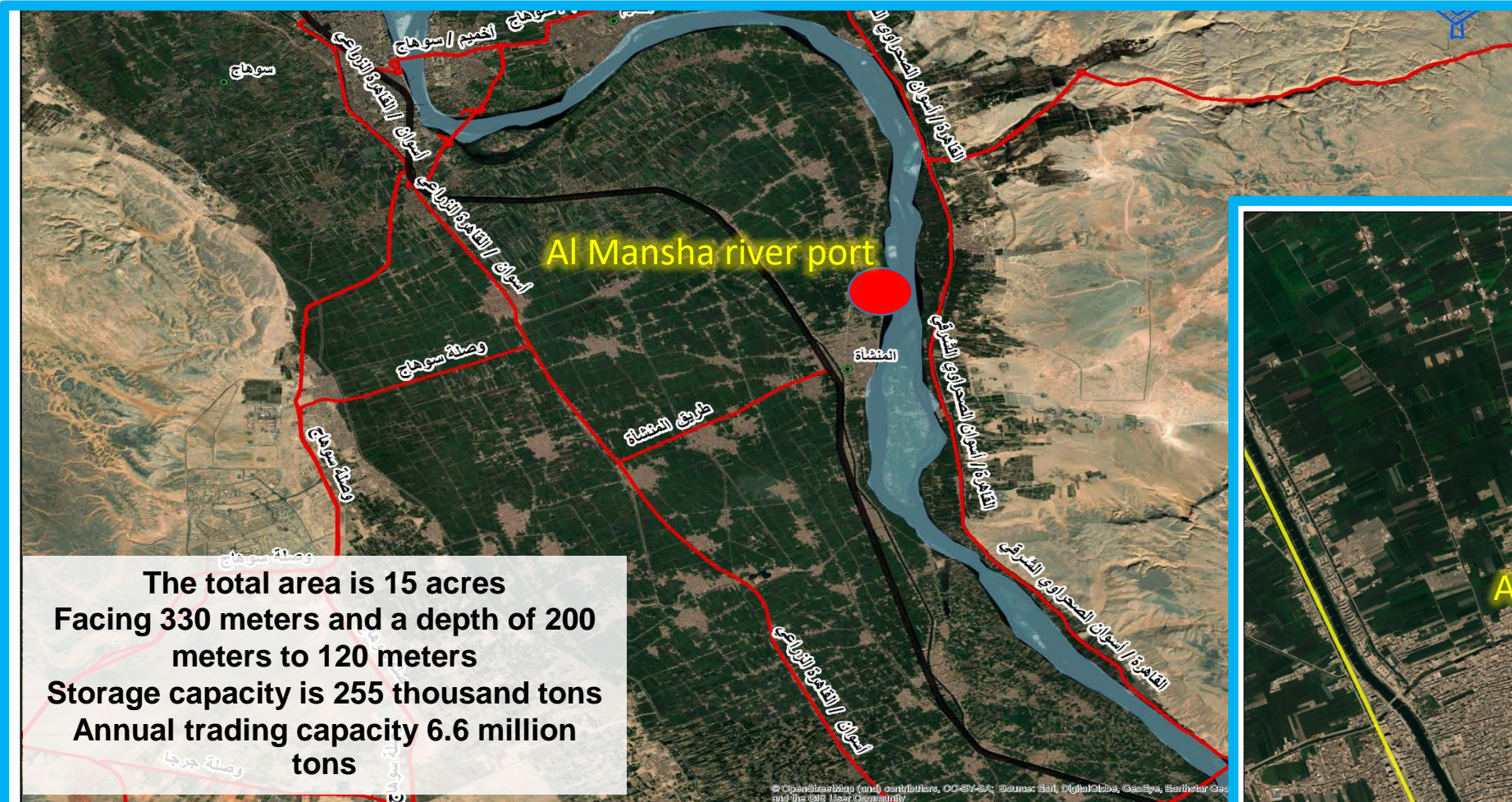
Future Projects of the Ministry of Transport

Waterways



2

Construction, operation and maintenance of Mansha Waterways port in
Sohag GOV



Future Projects of the Ministry of Transport

Waterways



2

Construction, operation and maintenance of the Waterways facility port in Sohag governorate

PROJECT DATA	Source of funding	Estimated cost
<p><u>Location:</u></p> <p>The center of the facility in Sohag governorate (at k 502 of the kindergarten scale)</p> <p><u>the goal of the project:</u></p> <ul style="list-style-type: none">• to increase the volume of goods traded rivalry. Area: – 15 fadan .• The façade on the Nile: 350 meters.• Distance between the port and the road of the center of the facility / Sohag: 3 km. Distance between the port and the nearest railway station (constructed): 3k.• The width of the Nile in front of the port: 450 meters ranging from the depth of the sea course in front of the port: 2.3 meters. Storage capacity: 85 thousand tons. Annual trading capacity: 2.2 million tons.• The volume of goods imported by the province: estimated at about one million tons of the most important sugar cane – cement – feed the volume of goods exported by The Province of Qena: estimated about one million tons, the most important of which is sugar – Molass – Molass.	<p>Usufruct system For 15 year</p>	<p>\$20 Million</p>



Thanks

