

Republic of Iraq

Ministry of Construction, Housing , Municipalities & Public Works



IRAQI – FRENCH Economic Forum

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Istabraq I. Al-Shouk

Deputy Minister

Ministry of Construction, Housing,
Municipalities and Public Works



The Vision

Sustainable Development
Goals 2030



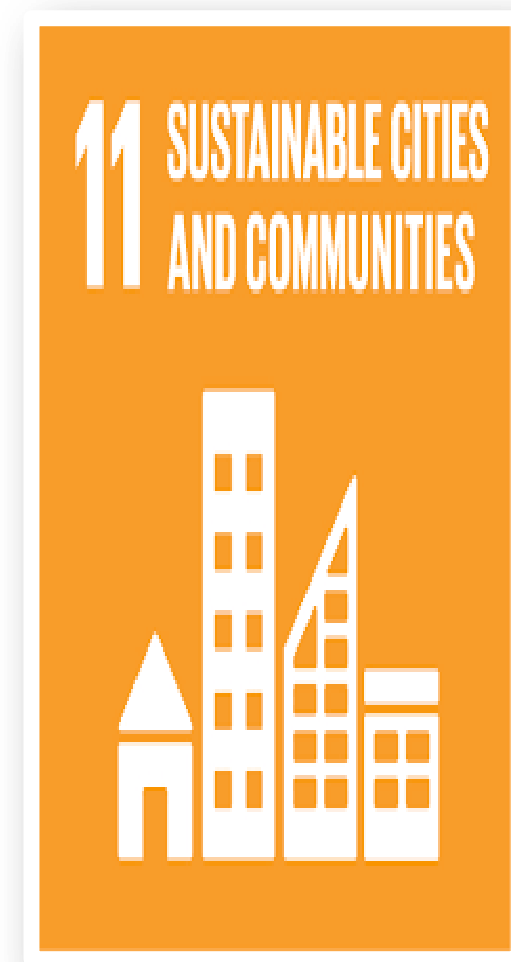
New Urban Agenda



Target 11



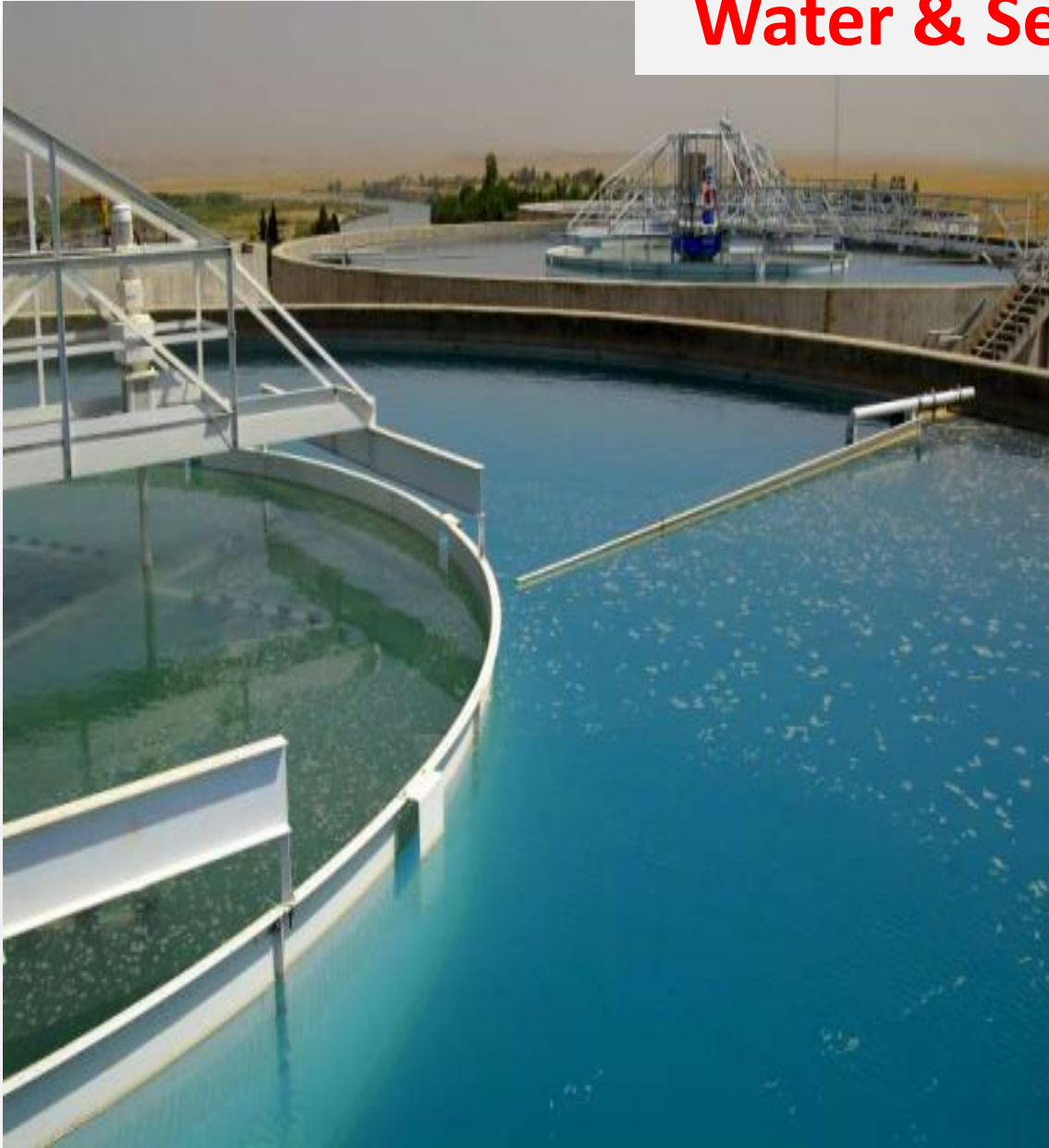
Making Cities and Human Settlement inclusive,
safe, resilience and sustainable



NUMBER OF INVESTMENT OPPORTUNITIES ACCORDING TO SECTORS

NO.	SECTOR	Number of opportunities
1	Water	12
2	Sewerage	10
3	Residential	10
4	Roads and Bridges	8
5	Commercial	20
6	Green and recreational areas	24
7	Waste recycling plants and landfill sites	15
8	construction, rehabilitation and development of resorts	2
9	Development of tourism in the marshes of Iraq	1
Total		102

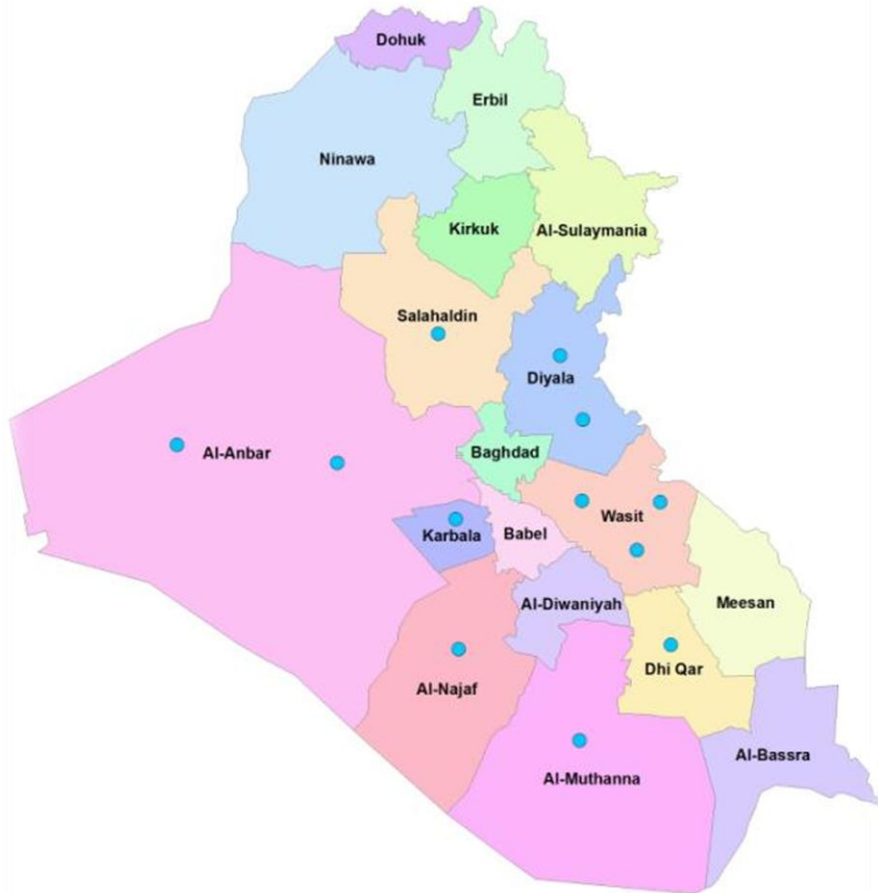
Water & Sewerage Sector



Water Sector

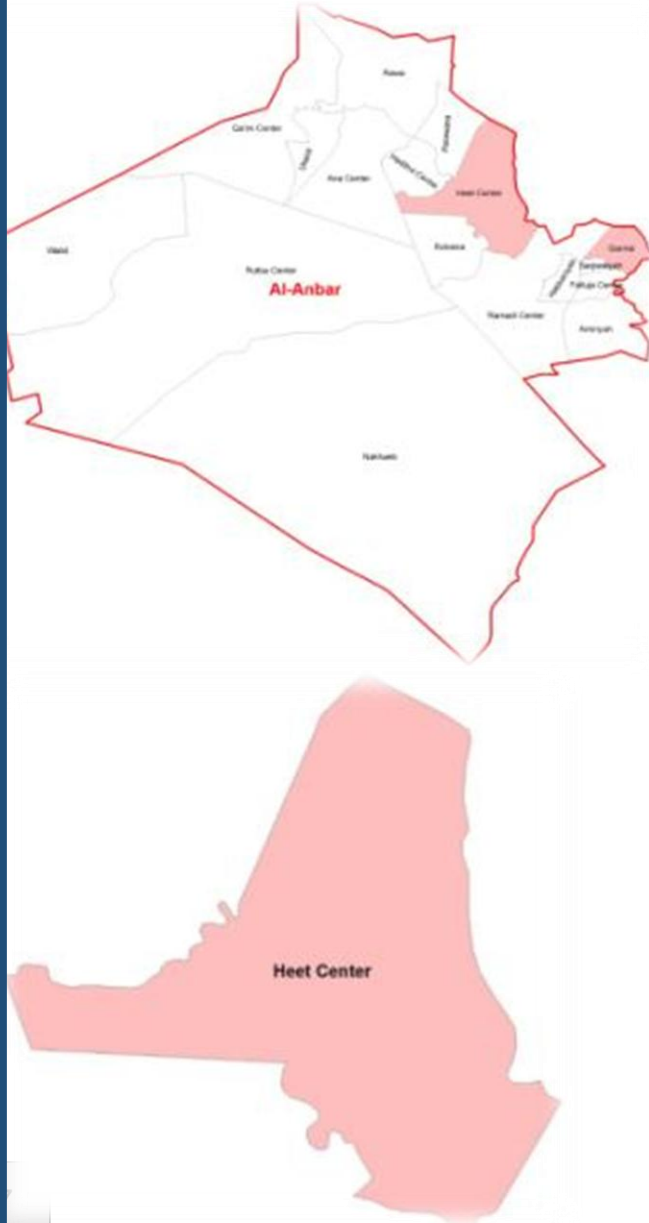


Water Sector / No. of Projects 12



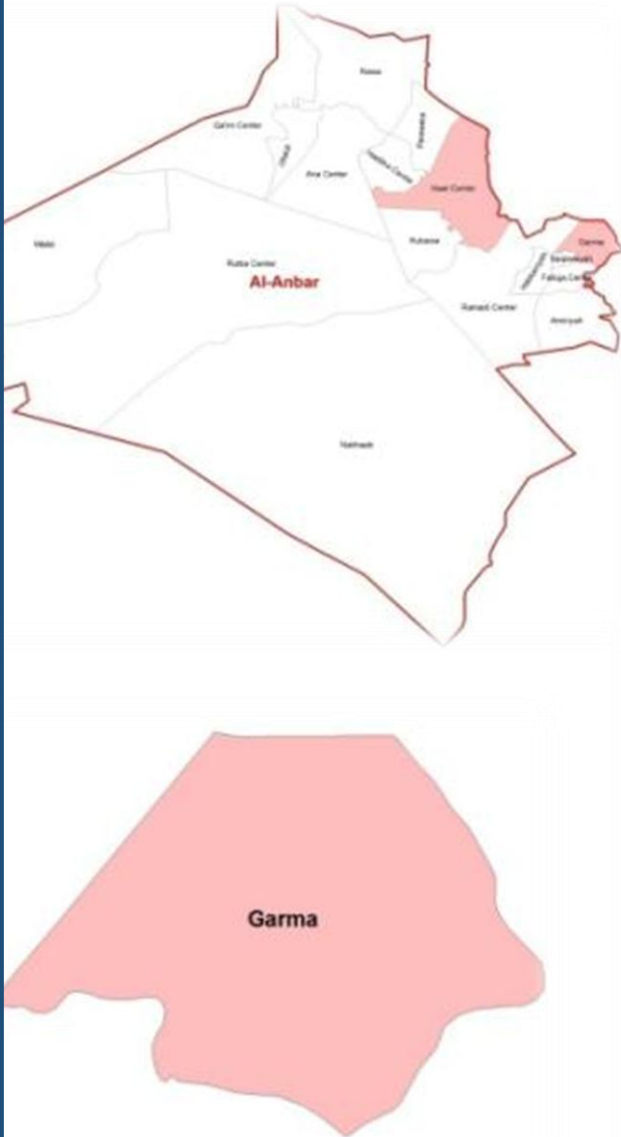
Government	Project name	Capacity m ³ /hr.	Number of served population
Salah el-din	Samarra	6000	222,613
Diyala	Zanboor	1000	94,193
Diyala	Baladrooz	2000	152,319
Al-Anbar	Al-Karma	2000	152,495
Al-Anbar	Heet	4000	149,879
Wasit	AL-SWAYRAH	6000	128,030
Wasit	Sheikh saad	1000	65,000
Wasit	AL-Hayi and AL-Bashyr	6000	77,225
Karbala	Qura Al-Hussainia	2000	272,000
Najaf	AL-Abbasiya And AL-Hurriya	6000	147,000
Al-Muthana	Al-Khdider and Darraji	2000	101,354
Maysan	Al-Salam Ahmed ALrefaee	2000	99,000

Heet Water Treatment Plant



Project Name		
Heet Water Treatment Plant		
1-	Project Capacity	4000 m ³ /hr.
2-	Consultant Company Name	(cap) Lebanese Consultant Company and (H.H)Germany Consultant Company
3-	Number of population	58 524 capitals in 2007 149 879 estimated capital in 2038
4-	Source of Raw water	Euphrates River
5-	Project Components	1- LOW LIFT 2- W.T.P
6-	Environmental report	accepted
7-	Main Pipe Length	Attached according to Volume 2
8-	Completion of Data	2015
9-	pump Specification	From W.T.P - City center Q =1521 m ³ /h , H=40 m - AL-Khadr Further Q= 1369 m ³ /h , H=40 m - Expansion Area Q= 410 m ³ /h - AL-Jamiya Q= 700 m ³ /h , H=40 m
<p>NOTE :-Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.</p>		

Al-Karma Water Treatment Plant



Project Name:
Garma Water Treatment Plant

1-	Project Capacity	2000 m ³ /hr.
2-	Consultant Company Name	(cap) Lebanese Consultant Company and (H.H)Germany Consultant Company
3-	Number of population	63270 capitals in 2009 152495 estimated capital in 2038
4-	Source of Raw water	Ali alsulaiman River
5-	Project Components	W.T.P
6-	Environmental report	accepted
7-	Main Pipe Length	The Water Treatment Plant Al-Karma provided five distribution networks with water. These service areas are located at a distance from 1,350 m to 11,800 m south of the treatment plant. The numbers of current beneficiary are listed below: Service Area Beneficiary Length of Transmission Line Capacity of High Lift Pumps Al-Mansee 6,590 1,350 m 208 m ³ /h Al-Kargoul 8,440 6,760 m 266 m ³ /h Al-Aqual 20,000 11,500 m 632 m ³ /h Center of Country 17,990 7,461 m 570 m ³ /h Al-Laheeb 10,250 11,800 m 324 m ³ /h 63,270 38,871 m 2,000 m ³ /h
8-	Completion of Data	2015
9-	pump Specification	From W.T.P to :- - AL-mansee area no. of pump =3 Q= 104 m ³ /h , H= 66.7 m - AL-Kargoul area no. of pump =3 Q= 133 m ³ /h , H= 66.7 m - AL-Aqual area no. of pump =3 Q= 316 m ³ /h , H= 68 m - Center of country area no. of pump =3 Q= 285 m ³ /h , H= 70.95 m - AL-laheeb area no. of pump =3 Q= 162 m ³ /h , H= 72 m

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.



Al-Khdider and Darraji Water Treatment Plant



Project Name Al-Khidhir Water Treatment Plant

1-	Project Capacity	2000 m ³ /hr.
2-	Consultant Company Name	AL-Ghalwaa Co. & Invirotek Turkish Co.
3-	Number of population	101 354 capitals in 2012
4-	Source of Raw water	Euphrates River
5-	Project Components	W.T.P
6-	Environmental report	accepted
7-	Main Pipe Length	<ul style="list-style-type: none"> - Pumping Main from High Lift Pumping Station in T.P to Al-Khdidher City. - Diameter of 800mm (length = 4000 m). - Pumping Main from High Lift Pumping Station in T.P to Al-Darraji City. - Diameter of 500mm (length = 22000 m).
8-	Completion of Data	2017
9-	pump Specification	<ul style="list-style-type: none"> - W.T.P to Al-Khdider (3Pump) Q = 750 m³/hr. , H = 35 m - W.T.P to AL-Darraji (3 Pump) Q = 250 m³/hr. , H = 55 m

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Building , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building ,Operator House , Engineer House , Guard House ... etc

AL-ABBASIYIA AND AL-HURRIYIA Water Treatment Plant



Project Name		
AL-ABBASIYIA AND AL-HURRIYIA Water Treatment Plant		
1-	Project Capacity	6000 m ³ /hr.
2-	Consultant Company Name	DAR AL-UMRAN Co. & MVV (Germany)
3-	Number of population	147 000 capitals in 2014
4-	Source of Raw water	Euphrates River
5-	Project Components	W.T.P LOW LIFT
6-	Environmental report	accepted
7-	Main Pipe Length	Attached according to Volume 2
8-	Completion of Data	2014
9-	pump Specification	<ul style="list-style-type: none"> - From WTP to:- - Line 1 to sub-urban AL-Abassiyia - Line 2 to country side AL-Abassiyia - Line 3 to AL-Abassiyia - W.T.P (5 No. pump) Q= 1500 m³/h , H= 60 m
<p>NOTE :-</p> <p>1- Water Treatment Plant Contain (Clarifier Tank Sand Filter Belding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building ,Operator House , Engineer House , Guard House ... etc.</p>		

Zanboor Water Treatment Plant



Project Name

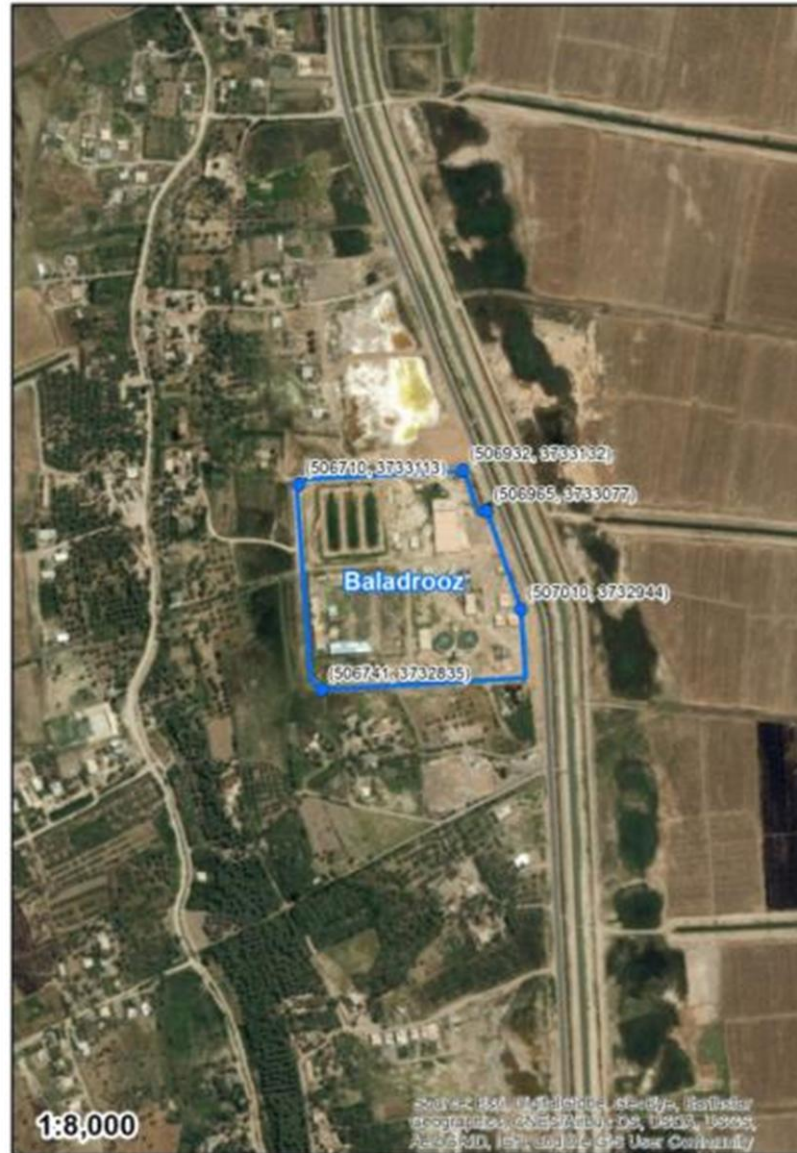
Zanboor Water Treatment Plant

1-	Project Capacity	1000 m ³ /hr
2-	Consultant Company Name	(cap) Lebanese Consultant Co. and (H.H)Germany Consultant Co.
3-	Number of population	39 166 capitals in 2010 94 193 estimated capital in 2038
4-	Source of Raw water	Tigris River
5-	Project Components	1- W.T.P 2- B.S1
6-	Environmental report	accepted
7-	Main Pipe Length	Attached according to Volume 2
8-	Completion of Data	2015
9-	pump Specification	<ul style="list-style-type: none"> - From WTP B.S. Q= 600 m³/h , H= 51.8 m - From WTP to B.S B.S Q= 300 m³/h , H=51.8 m - City center Q= 400 m³/h , H=40 m - AL-NooR Q= 200 m³/h , H=40 m - Gezamy Q= 75 m³/h , H=42.2 m - Dajoma Q= 125 m³/h , H=42.2 m

NOTE :-

Water Treatment Plant Contain (Clarrifer Tank Sand Filter Building , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building ,Operator House , Engineer House , Guard House ... etc.

Baladrooz Water Treatment Plant



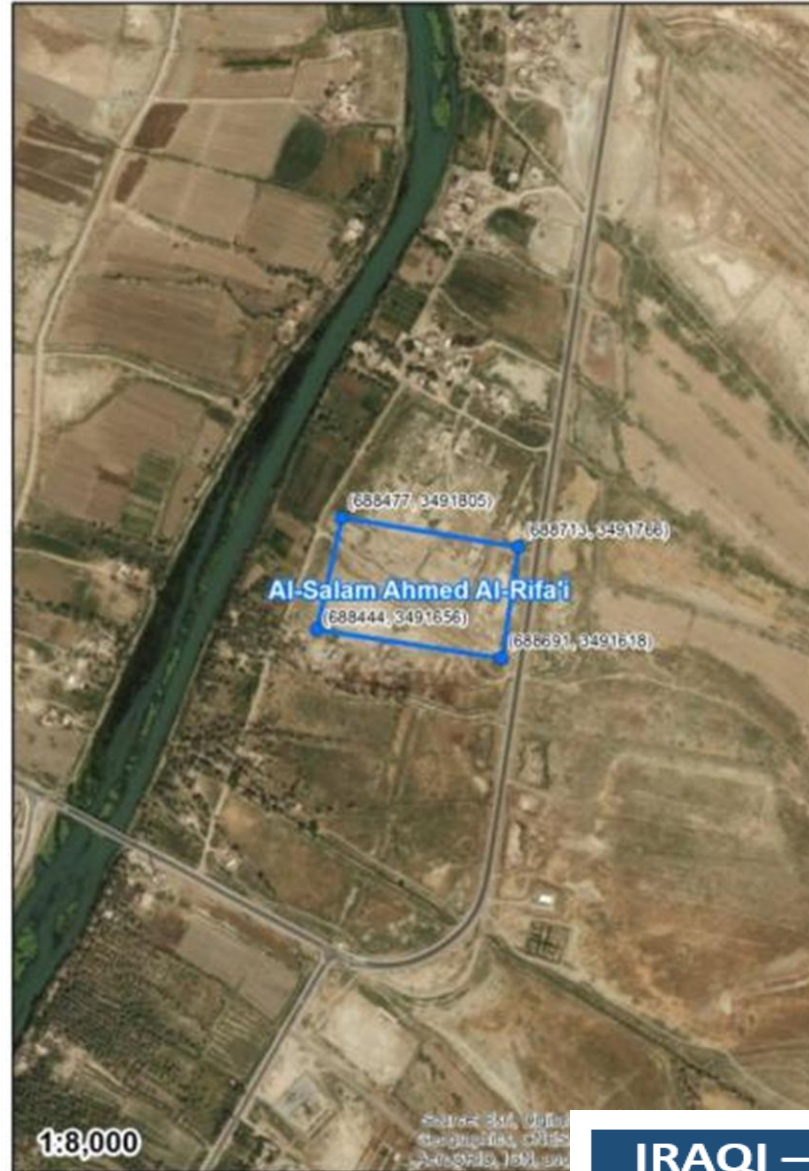
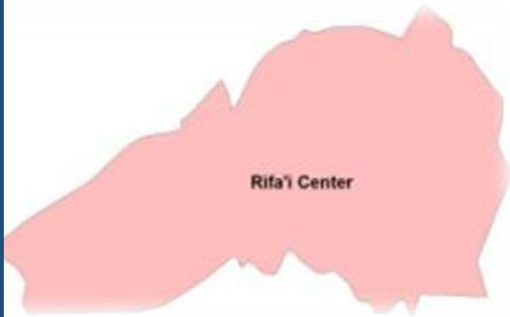
Project Name		
Baladrooz Water Treatment Plant		
1-	Project Capacity	2000 m ³ /hr.
2-	Consultant Company Name	Raas Al-Khayma Co. (UAE) & Dering Co. (Germany)
3-	Number of population	47 986 capitals in 2007 152 319 estimated capital in 2040
4-	Source of Raw water	Baladrooz theatrical channel
5-	Project Components	1- W.T.P 2-LOW LIFT
6-	Environmental report	accepted
7-	Main Pipe Length	- Pumping Main From T.P To Baladrooz Boosting Station 700mm Dia. 6000 Meter Length - Pumping Main From T.P To Emam Asker Boosting Station 400mm Dia. 5T 12750 Meter Length . 5 T-5T 5TPumping Main From Baladrooz Boosting Station To City Network 700mm Dia. 200 Meter Length. 5T-5T 5TPumping Main From Baladrooz Boosting Station To Alautaibah EST 250mm Dia. 200 Meter Length. 5T-5T 5TPumping Main From Emam Asker Boosting Station To5T 5TDistrict Network 400mm Dia. 200 Meter Length.
8-	Completion of Data	2014
9-	 pump Specification	- 3 Nos. Emam Asker B.S to District Network Q= 200 m ³ /h , H=40 m - 3 Nos. WTP to BALADROOZ B.S Q= 800 m ³ /h , H=20 m - 2 Nos. T.P to Emam Asker B.S Q= 400 m ³ /h , H=40 m - 2 Nos. Baladrooz B.S to Autaibah E.S.T Q= 150 m ³ /h , H= 65 m - 3 Nos. Baladrooz B.S to city Network & Existing E.S.T Q= 725 m ³ /h , H= 40 m

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.

AI-SALAM AHMED ALREFAEE Water Treatment Plant

Project Name
Rifa'i Water Treatment Plant



1-	Project Capacity	2000 m ³ /hr.
2-	Consultant Company Name	Raas Al-Khayma Co. (UAE) & Dering Co. (Germany)
3-	Number of population	44027 capitals in 99000 estimated capital in 2040
4-	Source of Raw water	AL-baterah river
5-	Project Components	1- W.T.P 2- B.S1
6-	Environmental report	accepted
7-	Main Pipe Length	<ul style="list-style-type: none"> - Pumping Main From High Lift Pumping Station In T.P To Alsalam City Diameter Of 600mm Length=1400m.l 4TInclude Two River Crossing Pipe Of Diameter 400mm.each of length 250meter. - Pumping Main From High Lift Pumping Station In T.P To GST Inlet Chamber In Ahmad Alrefaee Boosting Station 4TDiameter Of 600mm Length=45500m.l 4TInclude Two River Crossing Pipe Of Diameter 400mm.each of length 400meter. - Pumping Main From Pumping Station In Alrefaee Boosting Station To Alrefaee District 4T 350 mm Dia. 3500 Meter Length - Pumping Main From Pumping Station In Alrefaee Boosting Station To Alrefaee Villages 4T 350mm Dia. 7300 Meter Length - Diameter Of Over Flow Pipe From Boosting Station Ground Storage Tank 600 mm Extended To The Irrigation Canal 100m Length
8-	Completion of Data	2014
9-	pump Specification	<ul style="list-style-type: none"> - W.T.P to B.S Al-salam Ahmed Alrefaee(3Pump) Q = 355 m³/hr . H = 40 m - W.T.P to Alsalam city (4 Pump) Q= 430 m³/hr . H = 40 m - B.S Ahmed Alrefaee to Ahmed Alrefaee District Q = 175 m³/hr . H = 45 m - From B.S Ahmed Alrefaee to Ahmed Alrefaee village (3 Pump) Q = 180 m³/hr . H = 55 m

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Building , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building, Chemical Building , Operator House , Engineer House , Guard House ... etc.



Samarra Water Treatment Plant



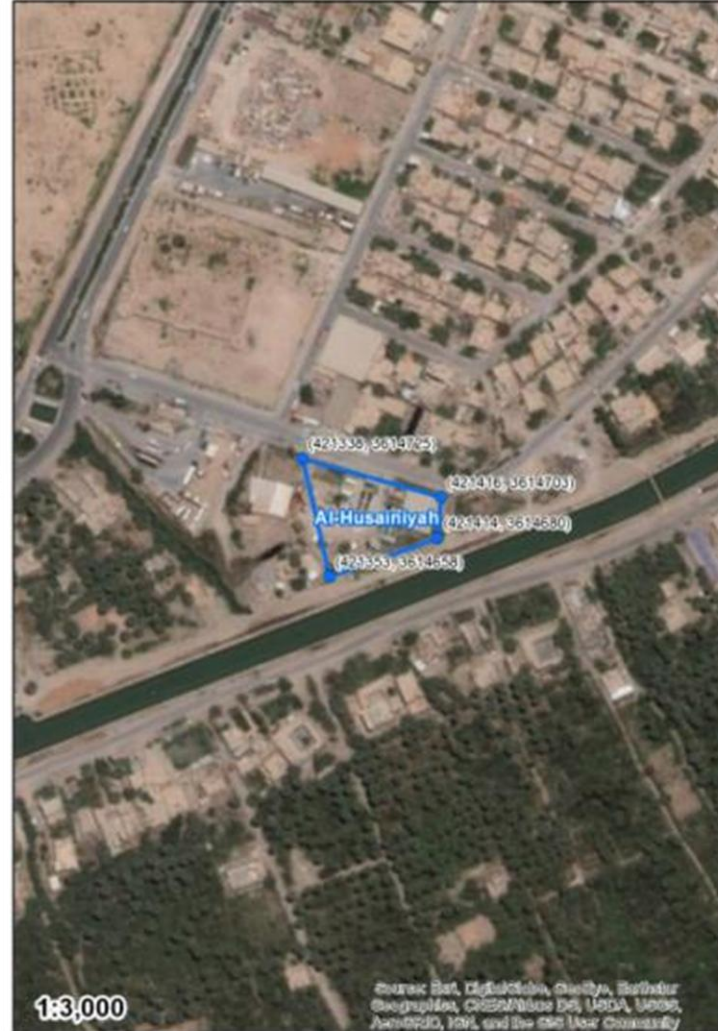
Project Name Samarra Water Treatment Plant

1-	Project Capacity	6000 m ³ /hr
2-	Consultant Company Name	Gephra Technologist Co.
3-	Number of population	222613 capital in 2013
4-	Source of Raw water	Tigris River
5-	Project Components	W.T.P B.S1 , B.S2 ,B.S3 , B.S4
6-	Environmental report	accepted
7-	Main Pipe Length	Attached according to Volume 2
8-	Completion of Data	2015
9-	pump Specification	From W.T.P - B.S2No. Q = 700 m ³ /hr 3No. Q = 1250 m ³ /hr 2 No. Q = 800 m ³ /hr 3 No. Q = 1000 m ³ /hr - B.S to network :- 3 No. Q = 350 m ³ /hr 3 No. Q = 1250 m ³ /hr 3 No. Q = 400 m ³ /hr 3 No. Q = 1000 m ³ /hr

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building ,Operator House , Engineer House , Guard House ... etc.

Al-Hussainia Water Treatment Plant



Project Name	
Husainiyah Water Treatment Plant	
1- Project Capacity	2000 m ³ /hr.
2- Consultant Company Name	Raas Al-Khayma Co. (UAE) & Daring (IFU) Co. (Germany)
3- Number of population	128521 capitals in 2010 272000 estimatedcapital in 2038
4- Source of Raw water	Al-Hussainia Theatrical channel
5- Project Components	1- W.T.P 2- B.S1
6- Environmental report	accepted
7- Main Pipe Length	Attached according to Volume 2
8- Completion of Data	2014
9- pump Specification	<ul style="list-style-type: none"> - W.T.P (3Pumping) Q = 500 m³/hr , H = 40 m - W.T.P to B.S (3Pumping) Q = 500 m³/hr , H = 30 m - B.S to Ebrahimiah village (2Pump) Q = 500 m³/hr , H = 40 m - B.S to AL-Jariah(2 Pump) Q = 250 m³/hr , H = 40 m

NOTE :-

Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.



AL-Suwaira Water Treatment Plant



Project Name:
Suwaira Water Treatment Plant

1-	Project Capacity	6000 m ³ /hr.
2-	Consultant Company Name	ANDISHEH ZOLAL Co.
3-	Number of population	128030 capitals in
4-	Source of Raw water	Tigris River
5-	Project Components	W.T.P LOW LIFT
6-	Environmental report	accepted
7-	Main Pipe Length	PIPE LINE FROM PUMP STATION TO AL-SWAYRAH CITY <u>Line 1:</u> 1-Diameter of pipe for Treated Water Tank: 600 MM 2- Length of pipes: 4781M <u>Line 2:</u> 1-Diameter of pipe for Treated Water Tank: 600 MM 2- Length of pipes: 3413 M <u>Line 3:</u> 1-Diameter of pipe for Treated Water Tank: 600 MM 2- Length of pipes: 2335M <u>Line 4:</u> 1-Diameter of pipe for Treated Water Tank: 700 MM 2- Length of pipes: 10177 M <u>Line 5:</u> 1-Diameter of pipe for Treated Water Tank: 700 MM 2- Length of pipes: 7343 M
8-	Completion of Data	2015
9-	pump Specification	From W.T.P to AL-SWAYRAH City:- - AL-Hay Q= 5000 m ³ /h , H=40 m - AL-Bashyr Q= 1000 m ³ /h , H=60 m

NOTE :- Water Treatment Plant Contain (Clarifier Tank Sand Filter Building , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.

SHAIKH SA'AD Water Treatment Plant

Project Name Shaikh Sa'ad Water Treatment Plant



1- Project Capacity	1000 m ³ /hr
2- Consultant Company Name	ARTEK Turkish Co.
3- Number of population	65000 person
4- Source of Raw water	Tigris River
5- Project Components	1- L.L 2- W.T.P.
6- Environmental report	accepted
7- Main Pipe Length	- . Transmission Line.1 : Diameter Of 600mm Length= 4.750 m - Transmission Line.2 : Diameter Of 500mm Length= 2.200 m - Pumping Main From Sludge Pit Pumping Station To Tigris River Of 500mm PVC, PN10 And 1350 m Length With Outfall Structure Protected With Wire Mesh.
8- Completion of Data	2016
9- pump Specification	- From WTP TO sheikh sa'ad (4 No. pumps) Q= 334 m ³ /h , H= 85 m

NOTE:-

1- Water Treatment Plant Contain (Clarifier Tank Sand Filter Bilding , Flash Mixer , Sludge Pit , Power Building , G.S.T , Pump Building , Sludge Dayer , Administration Building , Chemical Building , Operator House , Engineer House , Guard House ... etc.

AL-Hayi and AL-Bashyr Water Treatment Plant



Project Name		
AL-Hayi and AL-Bashyr Water Treatment Plant		
1-	Project Capacity	6000 m ³ /hr.
2-	Consultant Company Name	SGI ITALY Co.
3-	Number of population	77 225 capitals in
4-	Source of Raw water	The Gharaf channel
5-	Project Components	W.T.P B.S. AL- Bashaer
6-	Environmental report	accepted
7-	Main Pipe Length	Attached according to Volume 2
8-	Completion of Data	2014
9-	pump Specification	From WTP to :- - AL-Hay Q= 5000 m ³ /h H=40 m - AL-Bashyr Q= 1000 m ³ /h H=60 m
NOTE :-		
1- Water Treatment Plant Contain (Clarifier Tank Sand FilterBildding , Flash Mixer , Sludge Pit , Power Building , G.S.T , PumpBuilding , Sludge Dayer , Administration Building , Chemical Building ,Operator House , Engineer House , Guard House ... etc.)		

Sewerage Sector



Sewerage Sector / No. of Projects 10



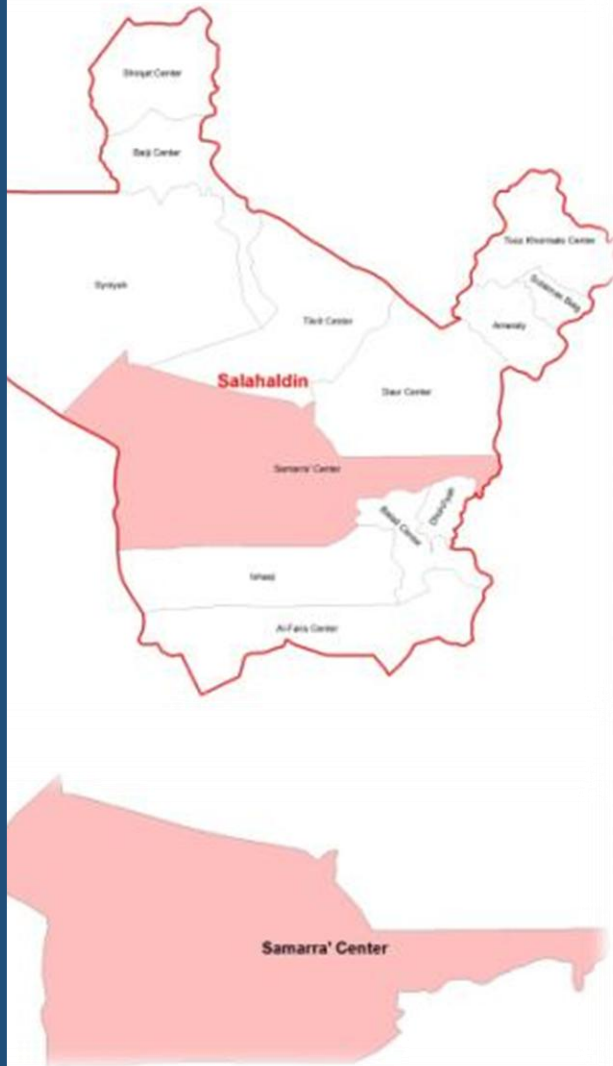
Government	Project name	Capacity m ³ \day	Number of served population
Nineveh	Tal'afar	67,586	270,342
Salah al-Din	Samarra	55,869	223,477
Diyala	Baladrooz	29,876	97,334
Diyala	ALMUKDADEA	31,000	121,000
Baghdad	Abo Ghareeb	41,000	164,000
Babel	Al Qasim & Al Hashmia & Al midihatia	75,000	278,737
Najaf	Al Manthera & Al Hera	18,000	67,064
Diwaniyah	Afak	15,000	54,373
Diwaniyah	Hamza	33,181	33,181
Mysan	Kalaat salih	14,100	54,564

Tal afer sewerage Project - Nineveh Governorate



Name: Tela'far sewerage Project - Nineveh Governorate(1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area.	Tal Afar City is located 70 kilometers to the west of Mosul City in the northern part of Iraq. The Tigris River about 36 km northeast of the city. It is laying between the longitudes 42°24', 42°29' is between the latitudes 36°21', and 36°24' Tal Afar is located approximately 60 km east of the Iraqi-Syrian border.
Design company.	Sharaka company&(cevre teknolojisi company -Turkish company)
Area Served.	2,367 ha
Population served.	270,342 person
Capacity of the treatment plant.	67,586 m ³ /day
Lengths of Sewage networks.	351,950 L.M
Lifting stations (Sewage) NO.	3
Lengths of Storm networks.	274,600 L.M
Lifting stations (storm) NO. .	zero

Samarra sewerage Project - Salah al-Din Governorate



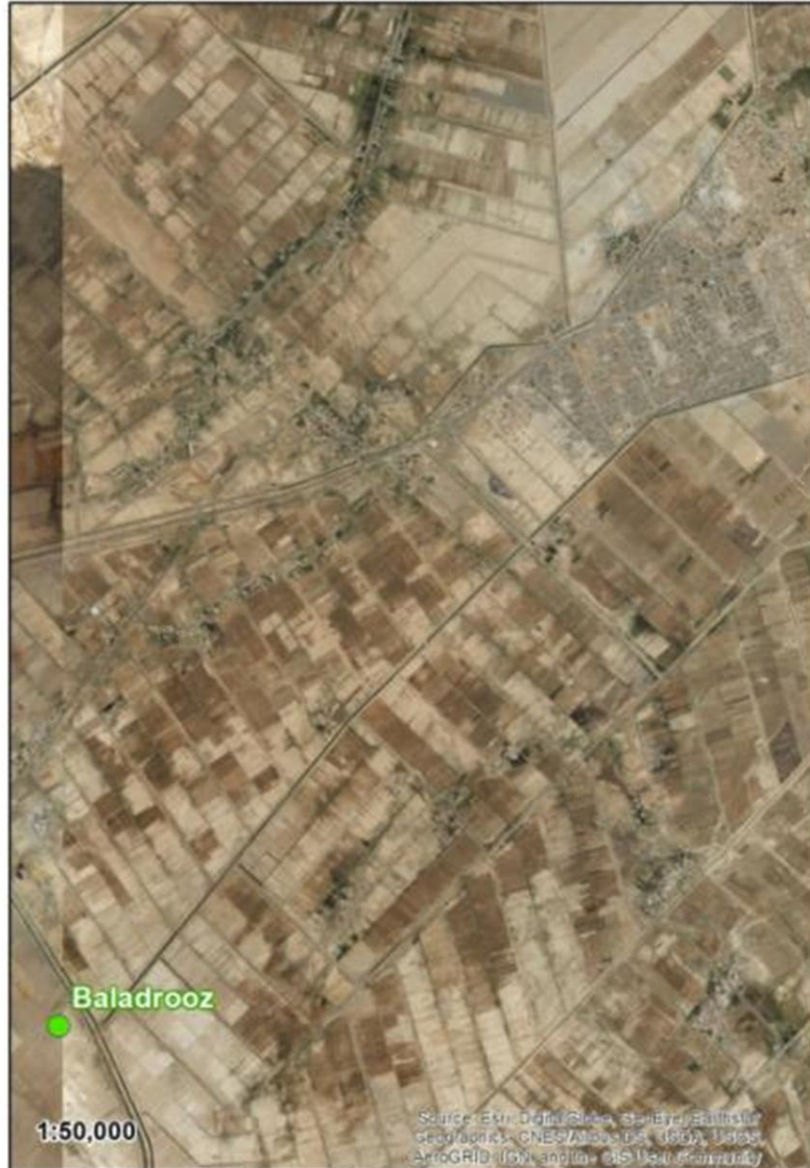
Name: Samarra sewerage Project - Salah al-Din Governorate(1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	Samarra, the largest city of Salah al-Din Governorate, is located on the eastern bank of the Tigris River, 124 km from Baghdad (between longitudes 43° and 45° and latitudes 34° and 35°).
design company	Sharaka company&(cevre teknolojisi company -Turkish company)
Area Served	1,401 ha
Population served	223,477 person
Capacity of the treatment plant.	55,869 m3\day
Lengths of Sewage networks.	334,900 L.M
Lifting stations (Sewage) NO.	10
Lengths of Storm networks	180,050 L.M
Lifting stations (storm) NO.	7

AL MUKDADIyah sewerage Project - Diyala Governorate



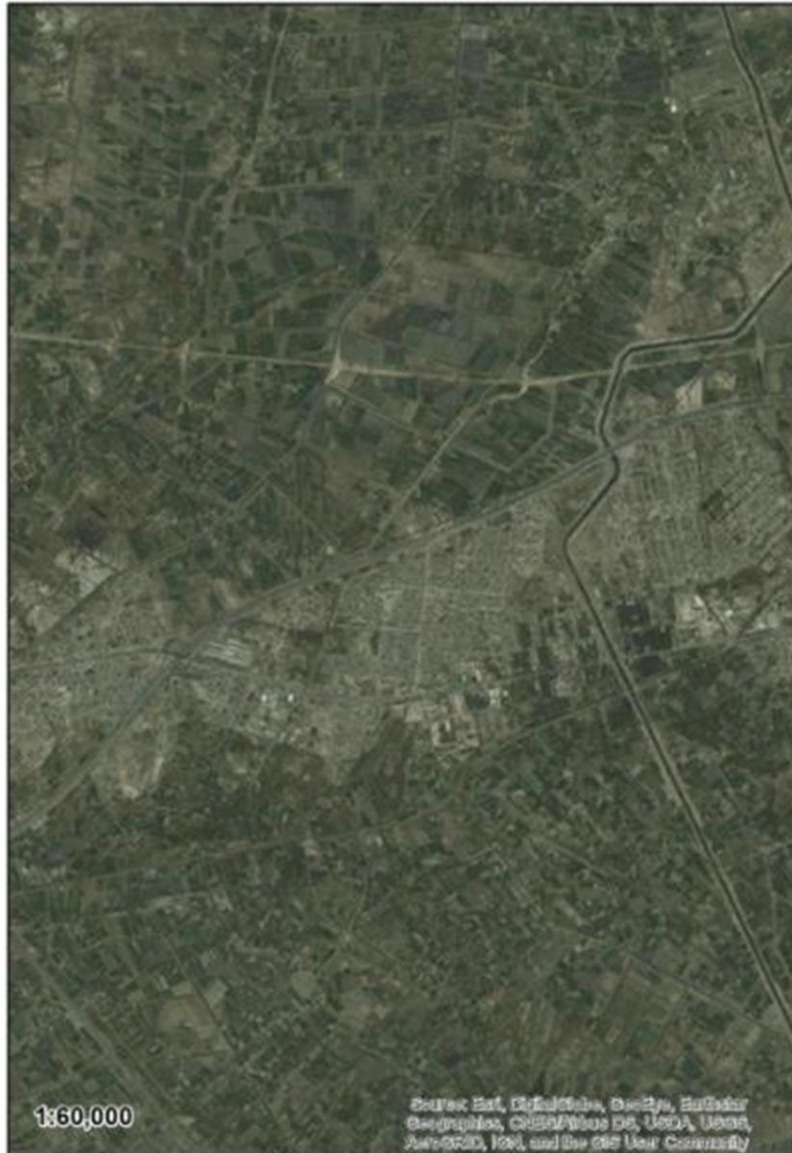
Name: Muqdadiah sewerage Project - Diyala Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	ALMUKDADEA is located in the east of Iraq, within the province of Diyala , this project serves
design company	Iraq al hur company & (akad company -Turkish company)
Population served	121,000 person.
Capacity of the treatment plant.	31,000 m ³ /day
Lengths of Sewage networks.	224,240 L.M
Lifting (Sewage) stations NO.	4
Lengths of Storm networks.	196,063 L.M
Lifting (Storm) stations NO.	3

Baladrooz sewerage Project - Diyala Governorate



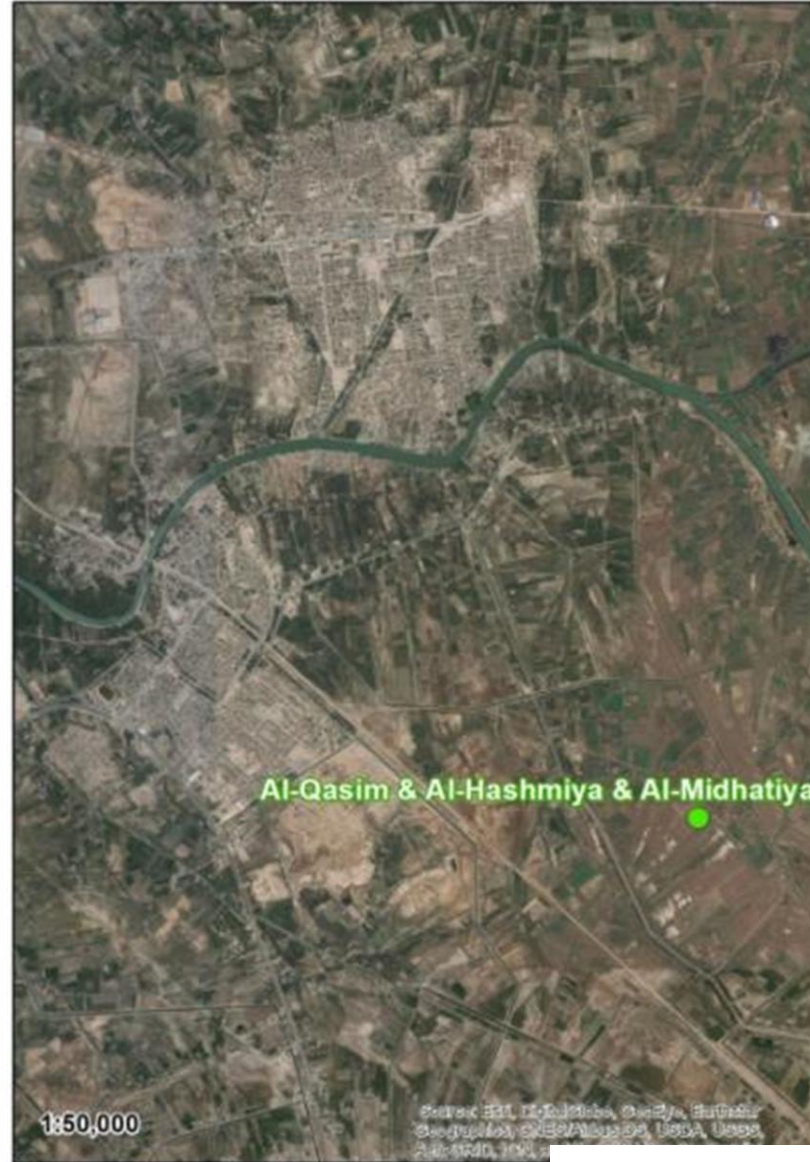
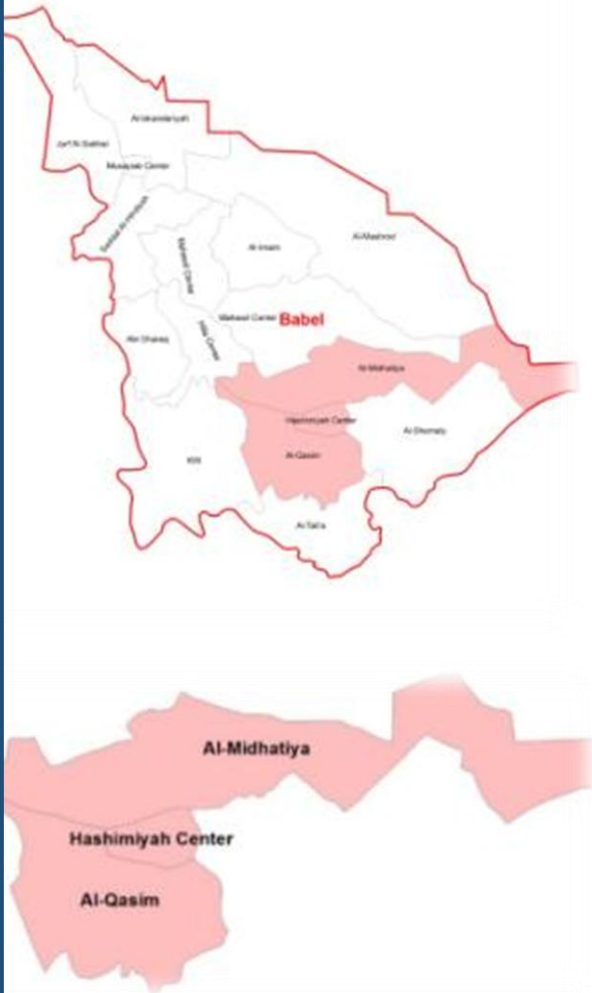
Name: Baladrooz sewerage Project - Diyala Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	BaladRuz city is located in the east of Iraq, within the province of Diyala; it is about 50 m above sea level.
design company	Al-Ghalowa company& (Envirotek teknolojisi company -Turkish company)
Area Served	318 ha
Population served	97,334 person.
Capacity of the treatment plant.	29,876 m ³ \
Lengths of Sewage networks.	121,509 L.M
Lifting stations (Sewage) NO.	7
Lengths of Storm networks.	44,280 L.M
Lifting stations (storm) NO.	2

Abo Ghareeb sewerage Project -Baghdad Governorate



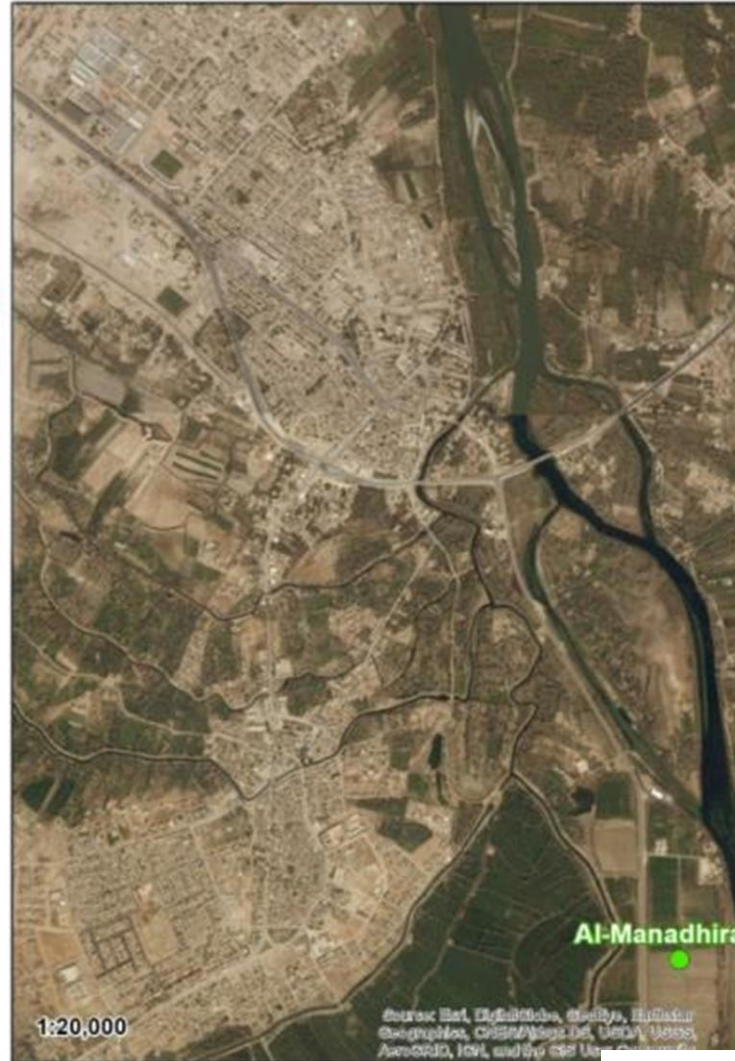
Name: Abu Ghreeb sewerage Project - Baghdad Governorate(1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	Abu Ghraib district is located in west of Baghdad's city center, created as district in 1944 on lines 43° 51 and 44° 16 The district altitude above mean sea level ranges approximately between 36.5 and 33.2 m, northwest of Baghdad International Airport. The old road to Jordan passes through Abu Ghraib.
design company	Sharaka company&(cevre teknolojisi company -Turkish company)
Area Served	1,755 ha
Population served	164,000 person
Capacity of the treatment plant for 1st stage	41,000 m ³ \day
Lengths of Sewage networks	144,000 L.M
Lifting stations (Sewage) NO.	9
Lengths of Storm networks	161,450 L.M
Lifting stations	9

Al Qasim & Al Hashmia & Al midihatia sewerage Project - Babel Governorate



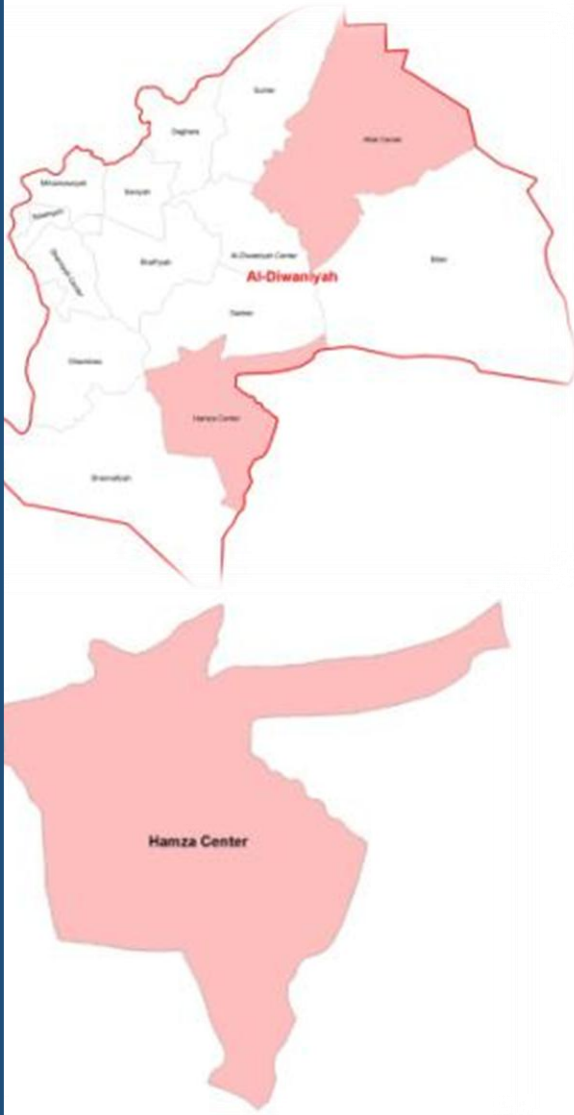
Name: Al Qasim & Al Hashmia & Al midihatia sewerage Project - Babel Governorate(1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description the served area of the project	Al Qasim & Al Hashmia & Al midihatia is located in the middle of Iraq, within the province of Babel, this project serves.
designed company	Al Hanan company & (Isola company- Italian company)
Population served	278,737 person
Capacity of the treatment plant.	75,000 m ³ /day
Lengths of Sewage networks.	379,414 L.M
Lifting stations(Sewage & Storm) NO.	22
Lengths of Storm networks.	201,264 L.M

Al Manthira & Al Hera sewerage Project – Najaf Governorate



Name: Manathira sewerage Project - Najaf Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description the served area of the project	Al Manthera & Al Hera is located in the south of Iraq, within the province of al-najaf.
designed company	Al Ezaa company& (Isola company- Italian company).
Population served	67,064 person
Capacity of the treatment plant	18,000 m ³ /day
Lengths of Sewage networks.	124,112 L.M
Lifting stations (Sewage) NO.	7
Lengths of Storm networks.	64,332 L.M
Lifting stations (Storm) NO.	5

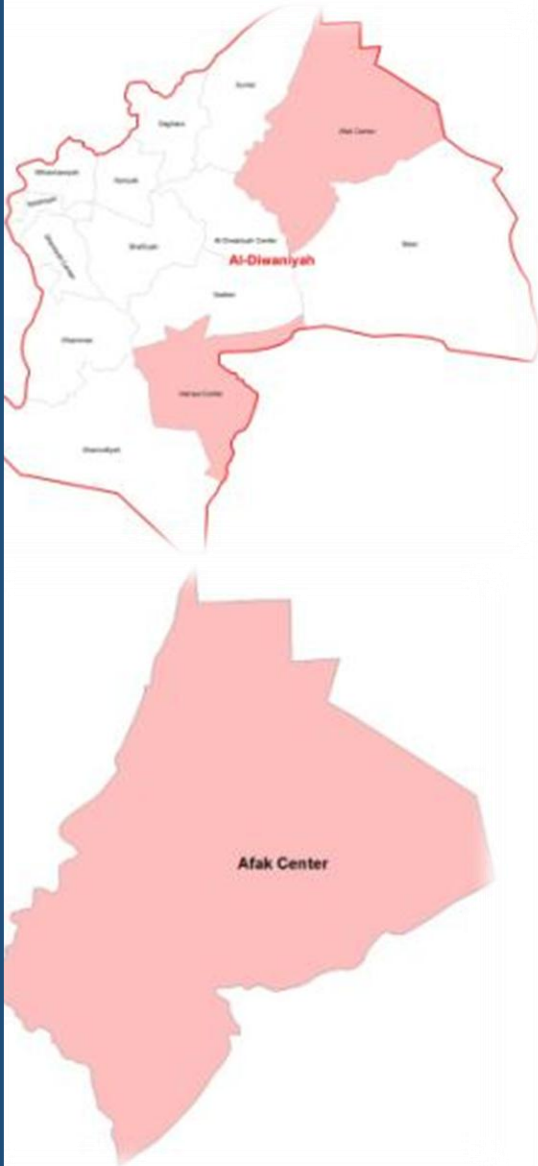
Hamza sewerage Project - Diwaniyah Governorate



Name: Hamza sewerage Project - Diwaniyah Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	Hamza district considers as one of the most important cities of Diwaniyah governorate, it is located between the lines: 48° 24' and 48° 45' E and 31° 07' and 32° 24' N. in the southern part and distance approximately 40 km from the center of Diwaniyah city.
design company	Al-Ghalowa company& (Envirotek teknolojisi company -Turkish company)
Area Served	267.04 ha
Population served	132,725 person.
Capacity of the treatment plant.	33,181m ³ /day
Lengths of Sewage networks.	89,610 L.M
Lifting stations (Sewage) NO.	4
Lengths of Storm networks.	39,595 L.M
Lifting stations (storm) NO.	4

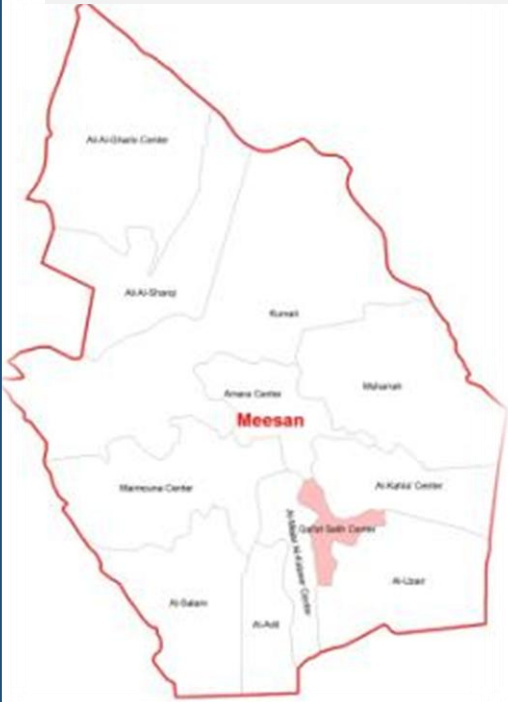


Afak sewerage Project - Diwaniyah Governorate



Name: Afak sewerage Project - Diwaniyah Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage network, storm network, trunk line, lifting pump stations).
Description of the served area	Afak district is located in the eastern part of Al-Diwaniyah governorate and distance approximately 40 km from the center of Diwaniyah city.
design company	Al-Ghalowa company & (Envirotek teknolojisi company - Turkish company)
Area Served	249.32ha
Population served	54,373 person
Capacity of the treatment plant	15,000 m ³ /day
Lengths of Sewage networks.	83,044 L.M
Lifting stations (Sewage) NO. .	7
Lengths of Storm networks.	41,625 L.M
Lifting stations (storm) NO.	3

Qalaat Salih sewerage Project - Maysan Governorate



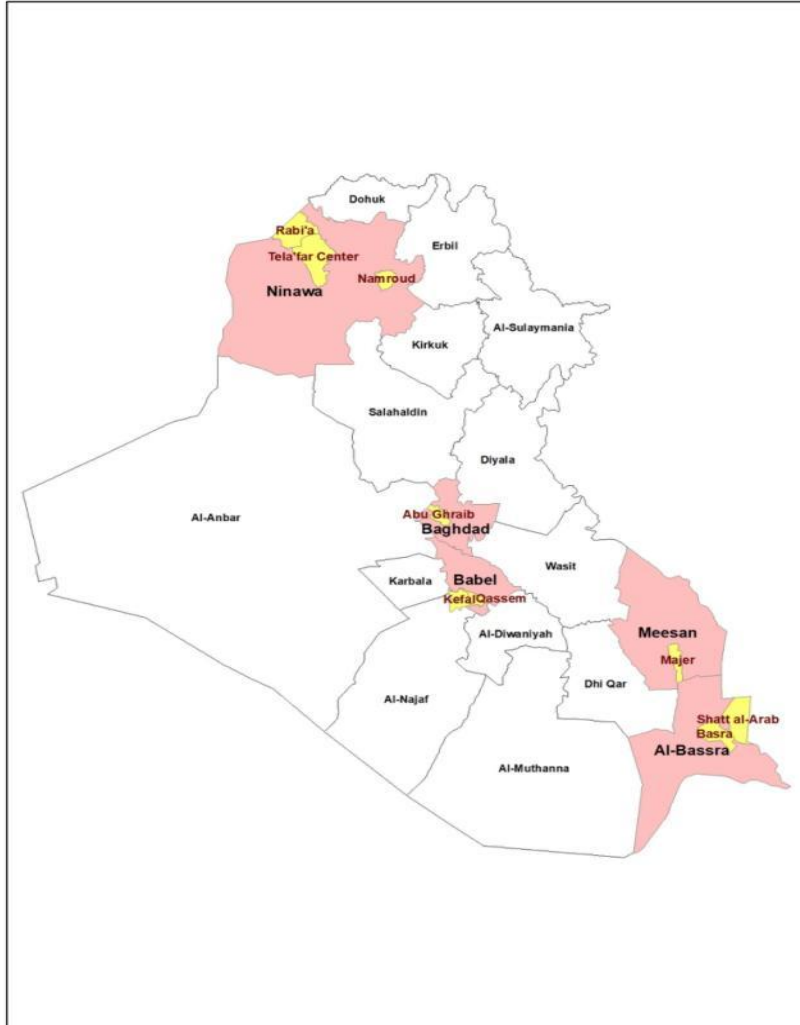
Name: Qal'at Salih sewerage Project - Mesan Governorate (1 st stage)	Technical Description
Consist of:	(Treatment plant, Sewage trunk line, lifting pump stations).
Description of the served area	kalaat salih is located in the south of Iraq, within the province of mesan.
design company	Cap company& Hoops company
Population served	54,564 person
Capacity of the treatment plant.	14,100 m ³ \day up to 2030
Lengths of trunk Sewage networks	5,136 L.M
lifting stations No.	3



Residential Sector

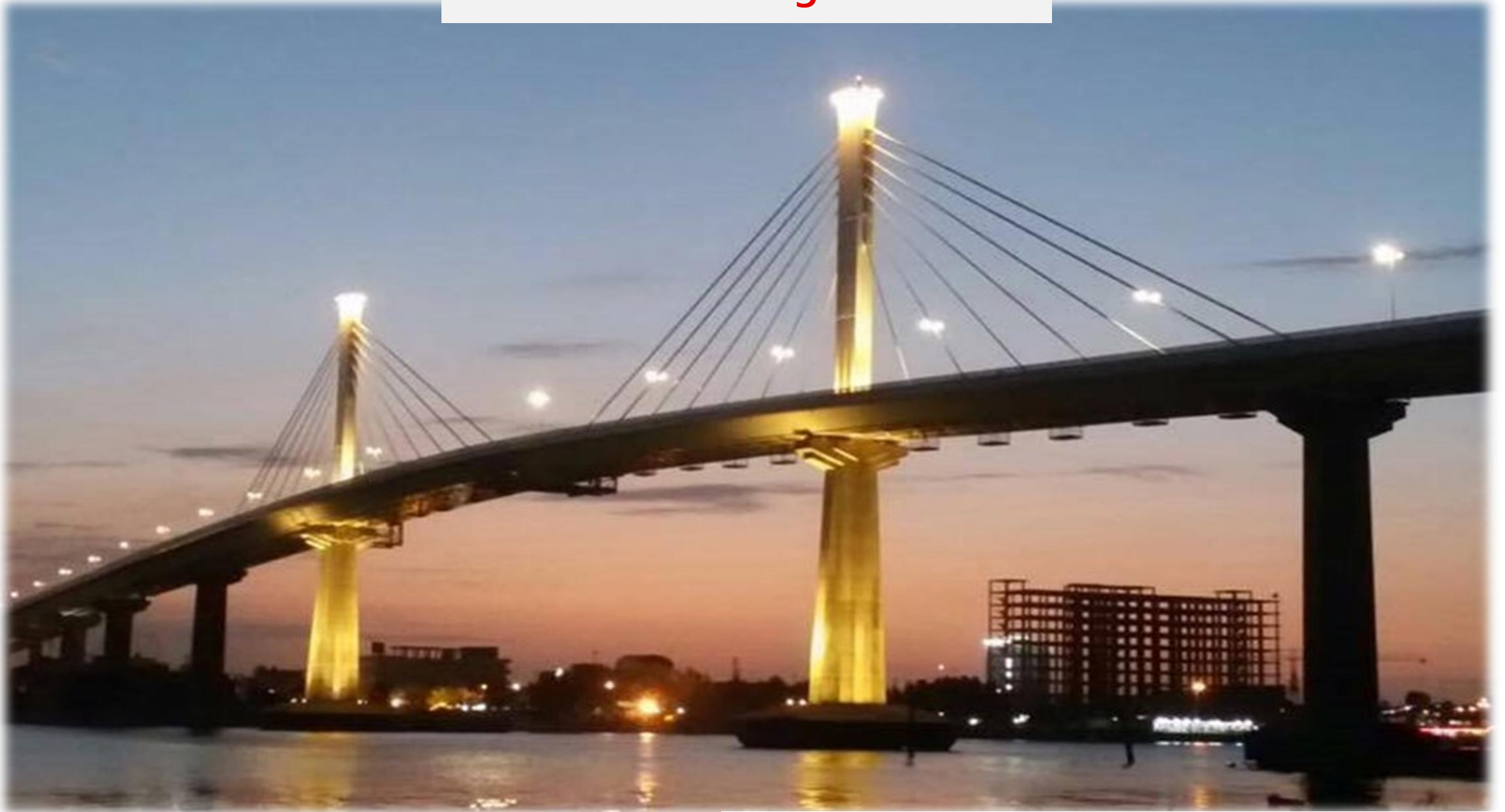


Proposed Residential investment projects for investment opportunity / No. of Projects 10



item	Governorate/Municipality Name	Area No.	District No	Area By Acres
1	Baghdad/ Abu Ghraib	5131/	16huktria&Shaar	120
2	Babel / Qassem	11/14	/38Alaydia	55
3	Babel /Kefal	467/66	/13Al-husseinia	147
4	Babel / Kefal	469/66	/13Al-husseinia	189
5	Meesan / Majer	2921/1	Aledioi	138
6	Bassra / Shatt al - Arab	28/10	Albeban	5000
7	Bassra/ Basra	16505/1	62	100
8	Ninwa / Rabia	2966/5	66 al-Saada	50
9	Ninwa / AL- Nimrod	1/285	61Pasatly	44
10	Ninwa / tala'fer	12/2	73Zeerwandora	175
Total				6018

Roads and Bridges Sector



Roads and Bridges Sector

No.	project	notes
1	Baghdad- Kirkuk road	120 km length including the establishment of stop and various services stations along the way according to the design The investor undertakes to submit the full and detailed feasibility study
2	Construction of Dora -Yusifieh highway	14 km length
3	The Madaen road and its bridges	21km length The road is very important to accommodate the traffic momentum from the Basmaya compound outside Baghdad and vice versa

Roads and Bridges Sector

No	project	notes
4	Rehabilitation and development of Highway No. 1 / Southern part of Baghdad / Basra and the western part	The total length of the road is 585 km
5	Construction of the highway (2) / Baghdad - Mosul - Turkish border	507 km length Adding the length of branches to a total of 807 km
6	construction of the highway Baghdad / Baqouba / Iranian border	170 km length The road linking Iraq to the Iranian border through the Zerbatya port

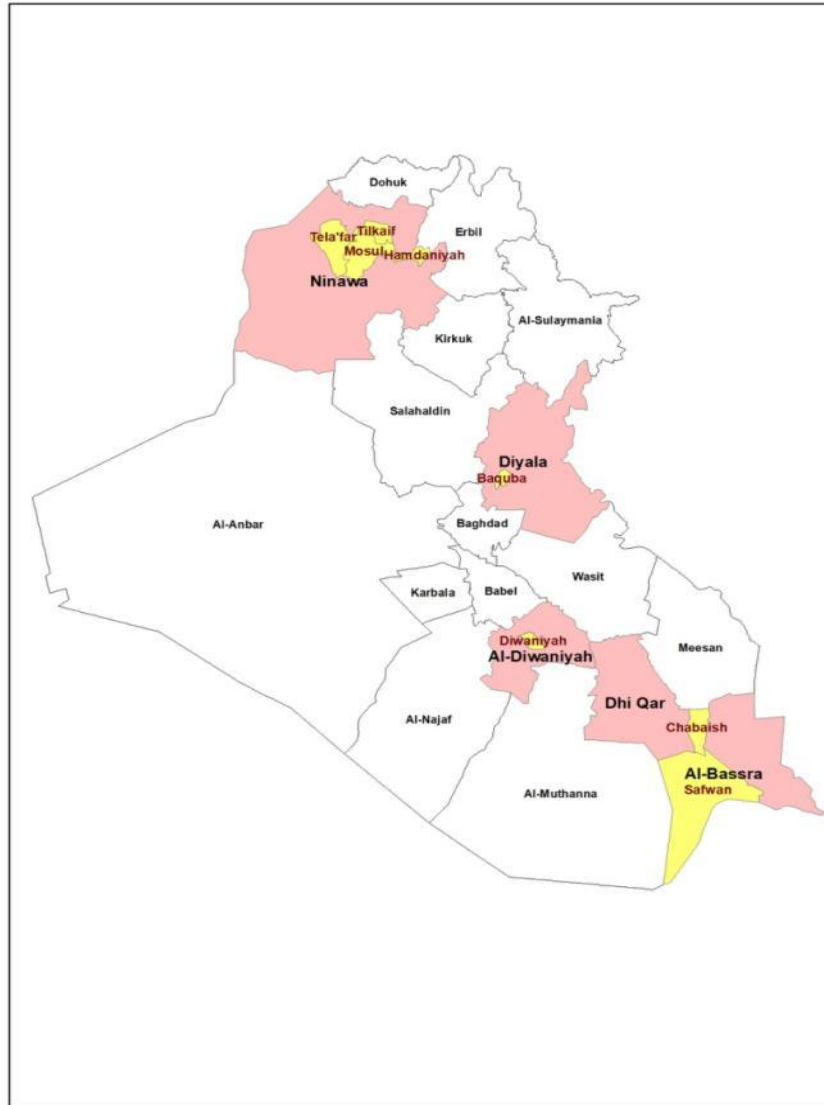
Roads and Bridges Sector

No.	project	notes
7	Connecting the residential city of Basmaya with Mohammed Qasim highway	including rehabilitation and exposing the road road (Baghdad / Kute) with part that connecting between the gate No. 5 of the residential city of Basmaya and the intersection of Mohammad Qasim Street and the Kanat aljaysh street inside Baghdad about 20 km
8	The second lain of the road of Kute / Badra / Mehran	The first phase of 40 km length including the construction of 40 m bridge The second phase of 36.3 km length, including the construction of a bridge above Wadi Qalal / Badra of 490 m length

Municipalities Sector



Proposed Commercial Sector for investment opportunity / No. of Projects 20



item	Governorate /Municipality Name	Area No.	District No	Area By Acres	Details
1	Bassra/ Safwan	3/829	Safwan	116	Mall
2	Diwaniyah /Diwaniyah	4935/4	UM khail 1	1.1	Mall
3	DhiQar / Chabaish	1145/1	Chabaish	10	Hotel, parking
4	Diyala / Baquba	322/71	19Khan Lola	8	Mall
5	Ninwa / Talkif	1683/1		2	Mall
6	Ninwa / Talkif	1683/4		1.5	Mall with multi-storey
7	Ninwa / Hamdaniah	1206/9	155 Tareeq AL-KHuder	1.5	Mall
8	Ninwa / talaifer	5/41	69Qurmzdora	17	Mall
9	Ninwa / Mosul		bab al - toob	4.4	Commercial Tower
10	Ninwa / Mosul		bab al- toob	1	Commercial Building
11	Ninwa / Mosul		bab al- toob	2	Mall and a multi-storey parking lot
12	Ninwa / Mosul		Sargakhana	2	Mall and a multi-storey parking lot
13	Ninwa / Mosul		bab al- toob	3.5	multi-storey parking lot
14	Ninwa / Mosul		bab al- toob	0.3	Hotel
15	Ninwa / Mosul		right side	104	Commercial Factory
16	Ninwa / Mosul		right side	5	Hotel
17	Ninwa / Mosul		(Baghdad garage)	13	Commercial Building
18	Ninwa / Mosul		right side Yarmouk bridge	3	Commercial
19	Ninwa / Mosul		Square al-midane	5.5	Commercial
20	Ninwa / Mosul		Presidential Palace Area Kharazi	438	Commercial
TOTAL				738.8	

Mosul

Al Shawaf Building

عمارة الشواف

عمارة وقوف السيارات متعددة الطوابق

Square Mrabcourtyard destroyed

فندق النرجس

AL_Nargis Hotel building

موقع سوق الاربعاء

Market Al-Arbeaa is devastating in the right hand side/ bab al - toob

ساحة مرآب اليمين

Square Mrab Right Transport



Mosul

The location of the blankets factory in the Mansour area on the right side



Square Mrabsquare destroyed in the center of Mosul on the right side



The site of the ancient massacre is on the right side



The site of the transport garage (Baghdad garage) in the station area



Mosul

Square al-midane



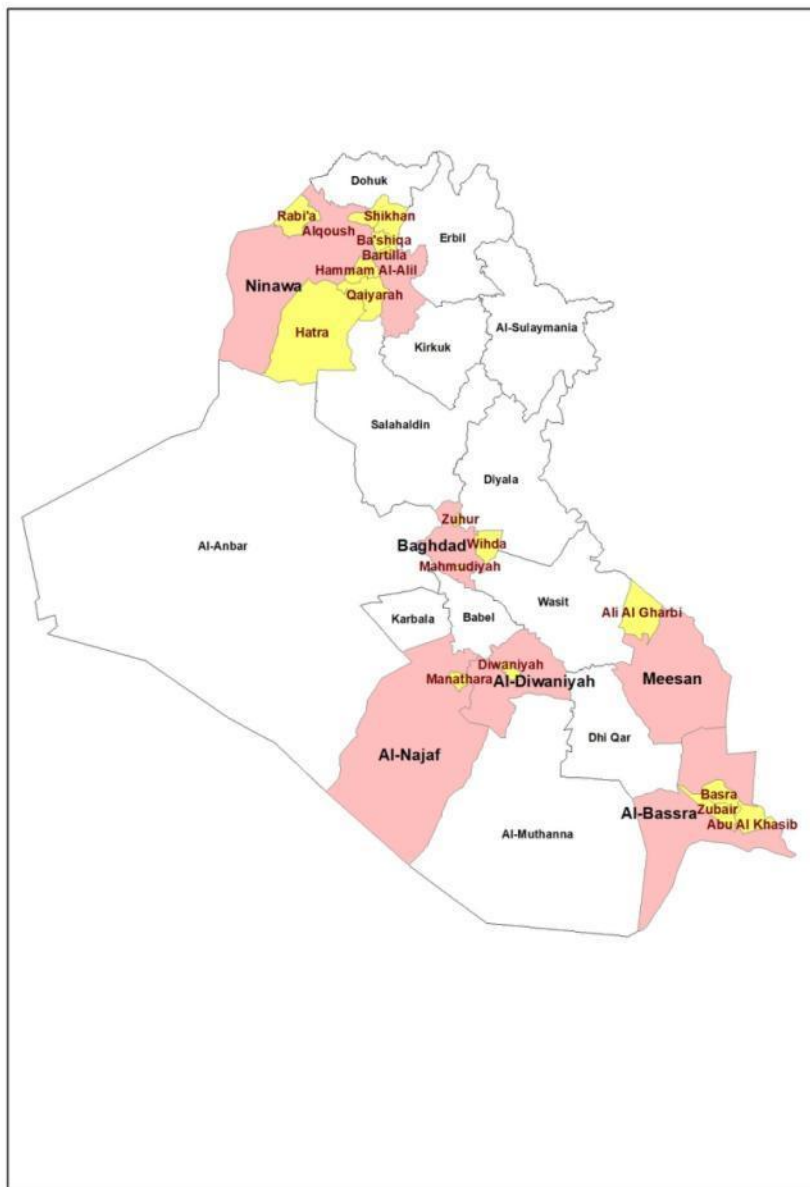
The site of the Tal Afar garage on the right side of Mosul / near the Yarmouk bridge



Mosul / Presidential Palace Area Kharazi

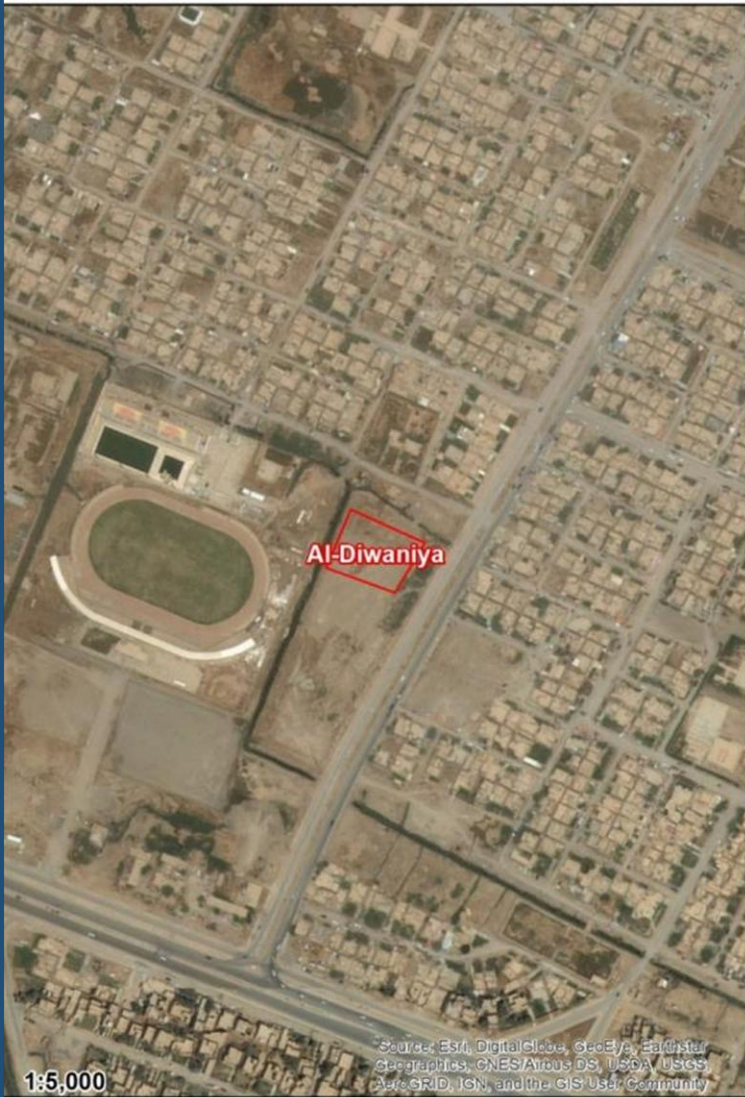


Proposed Investment Projects in Green and Recreational Areas / No. of Projects 24



Item	Governorate/ Municipality Name	Area No.	District No	Area By Acres	Details
1	Bassra/ Basra	2196	AlrubatAlkabeer	2200	Green land
2	Bassra/ Abu Al Khasib	381/1	judida&hamdan 47	68	Recreational areas
3	Bassra/ Zubair	299/2082 300/2082	Kut	18	Water City
4	Diwaniyah / Diwaniyah	m3/1	UM khail	27	Recreational areas
5	Meesan / Ali Al Gharbi	1998/1	Al-najideia 39	22	Recreational areas
6	Najaf/ Manathara	7832/1	Al-haswa 3	117.996	Green land
7	Baghdad/ Mahmudiyah	4791/18	Abu- shama 16	15	Parking and Games City
8	Baghdad/ Wihda	6215/2 Part of	humida4	60	Parking
9	Baghdad/ Zuhur	2598/6	Al husainaia 10	18.75	Recreational areas
10	Ninwa / Baasheqa	20/256	Eastern Baasheqa 3	16	Parking and Games City
11	Ninwa / Baasheqa	355/256	Eastern Baasheqa 3	14	Parking and Games City
12	Ninwa/ Shoura	2/41	Shoura32	12	Parking and Games City
13	Ninwa / AL- Ayadieh	433/6	KABAK &Afkni 1	4	Parking and Games City
14	Ninwa / AL- shakhan	244/30	ainsifny 43	3.5	Parking and Games City
15	Ninwa / AL- hader	681/2	South Tal Afar 46 Jazeera	4	Modern Parking and Games City
16	Ninwa / AL- Qosh	198-199-201-1 88/95	northAL- Qosh 63	4	Modern Parking and Games City
17	Ninwa / Rabia	2966/5 Part of	AL- saada 66	6	Modern Parking and Games City
18	Ninwa / Hamam AL- aleel	4/177	/ Hamam AL- 11 aleel	5.5	Parking and Games City
19	Ninwa / bartella	190/163	east bartella 139	6.5	Parking and Games City
20	Ninwa / AL- qyiaara	167	Romana 52	10	Parking and Games City
21	Ninwa / Hamam AL- aleel	966 - 1007 97-98/	Hamam AL- aleel 11	4.5	integrated tourist resort
22	Ninwa / AL- Qosh	332/4	north AL-qosh63	1.5	Tourist Casino
23	Ninwa / Hamdaniah	207/1 - 1205/1	tellolyatha 150	2	Swimming pool and park
24	Ninwa / Mosul		City of waterfalls	5	Tourist city
Total				2645.246	

Diwaniyah / Diwaniyah



Bassra/ Abu Al Khasib



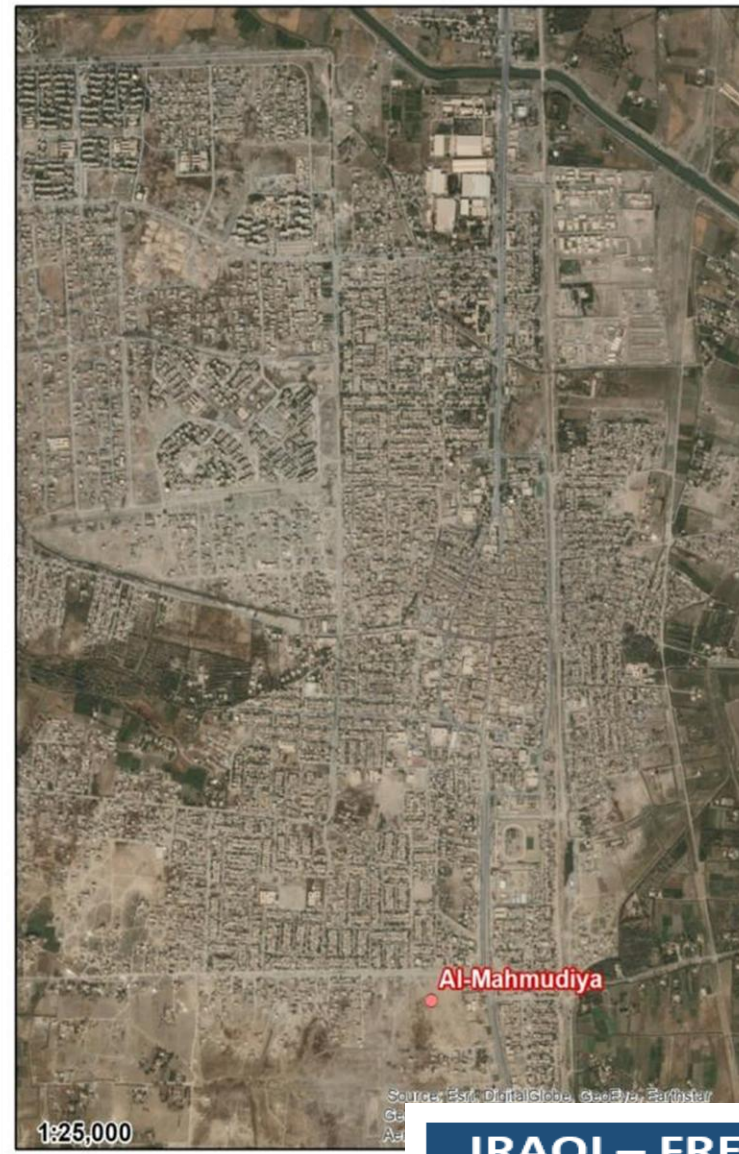
Najaf/ Manathara



Baghdad/ Zuhur



Baghdad/ Mahmudiyah



Najaf/ Najaf



Mosul / City of waterfalls tourist north of Mosul



Field of Establishing Waste Recycling Plants and Landfill Sites



Field of Establishing Waste Recycling Plants and Landfill Sites / No. of Projects 13

The Ministry has prepared and implemented integrated studies and designs for landfill sites through specialized foreign companies specialized in this field.



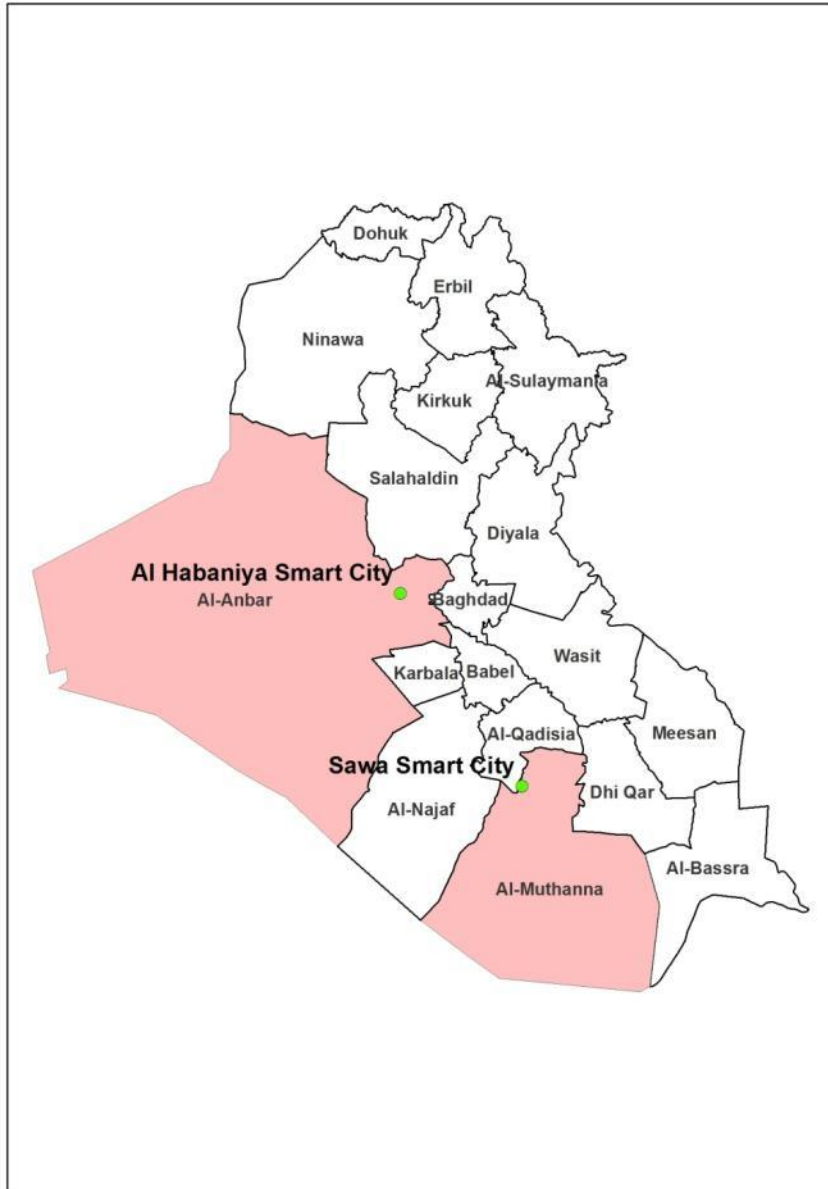
item	Governorate/ Municipality Name	Commercial	
		Total	Total Area By Acres
1	Ninawa/ Mosul	1	25
2	Kirkuk/ Kirkuk	1	400
3	Diyala/ Baquba	1	22
4	Salahaldin/ Tikrit	1	15
5	Alanbar/ Ramadi	1	20
6	Baghdad/ Baghdad	1	25
7	Babel / Hilla	1	18
8	Karbala / Karbala	1	400
9	AL_Muthana/ Samawah	1	12
10	Dhiqar / Nasiriya	2	500
11	Basra/ Basra	2	40
12	Wasit/ Kut	1	15
13	Meesan/ Amara	1	15
Total		15	1507

construction, rehabilitation and development of resorts / No. of Projects 2



Al - Habaniya

Habaniya Lake

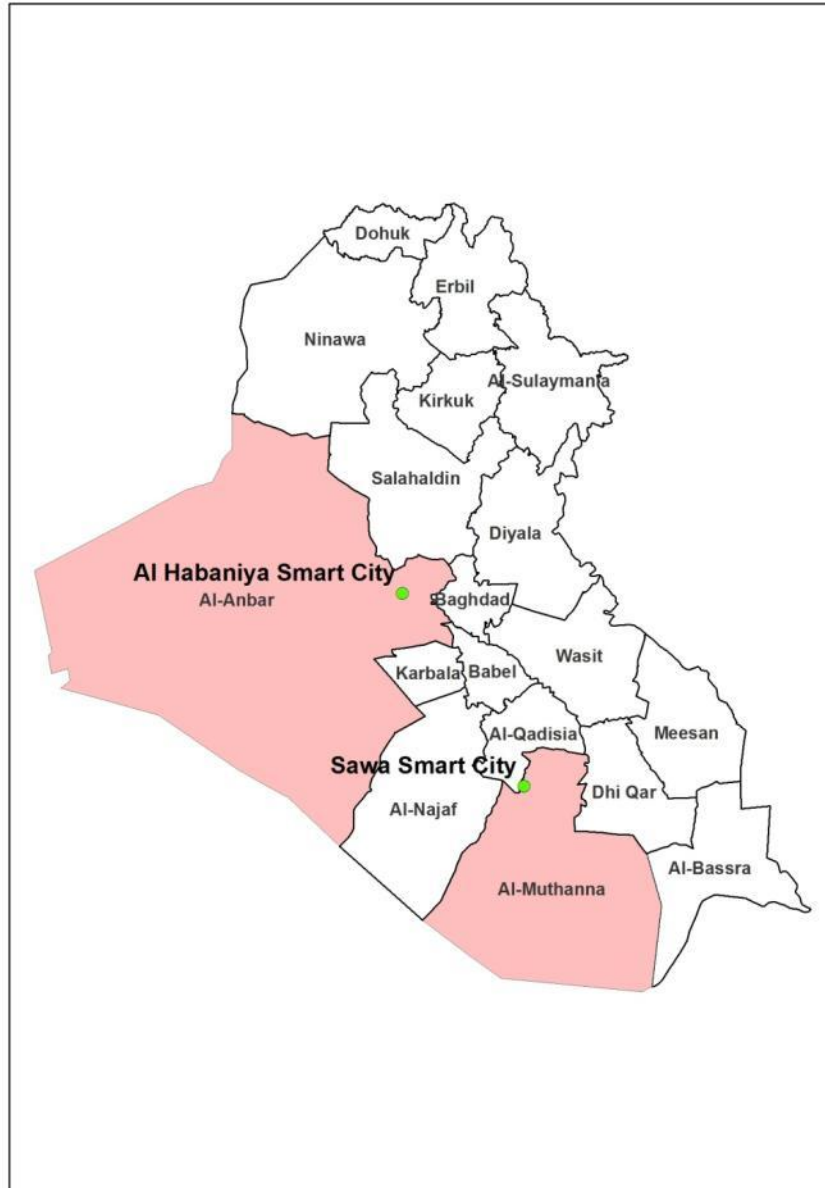


A: Rehabilitation and Development of Habaniya Resort

Area: 12000 donum on the shores of Habaniya lake. The project includes renewing the hotel and more than 200 Chalet with modern architectural requirements, Park and marina, restaurants and a large tent. The lake beach should be developed in accordance with international standards



Sawa Lake



B: Construction a New Resort in Sawa Lake in the Muthanna Province of Southern Iraq

Area: 15000– 20000 donum on the shores of Sawa lake. The project includes renewing the hotel and more than 200 Chalet with modern architectural requirements, Park and marina, restaurants and a large tent. The lake beach should be developed in accordance with international standards



Development of tourism in the marshes of Iraq

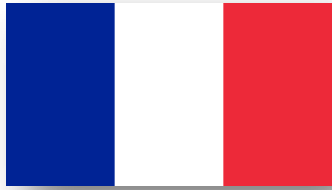


Development of Tourism in the Marshes of Iraq (Maysan, Dhi Qar)



Area: unlimited on the marshes. The project includes renewing the hotel and Chalet with modern architectural requirements, Park and marina, restaurants and a large tent.





Republic of Iraq
Ministry of Construction, Housing , Municipalities & Public Works



Thank you for your attention

