



Kurdistan Regional Government
Ministry of Agriculture and Water Resources



Ministry of Agriculture and Water Resources Work
and Activities During the Four Years of the
9th Cabinet of the Kurdistan Regional Government

2023

Title: Ministry of Agriculture and Water Resources Work and Activities During the
Four Years of the 9th Cabinet of the Kurdistan Regional Government

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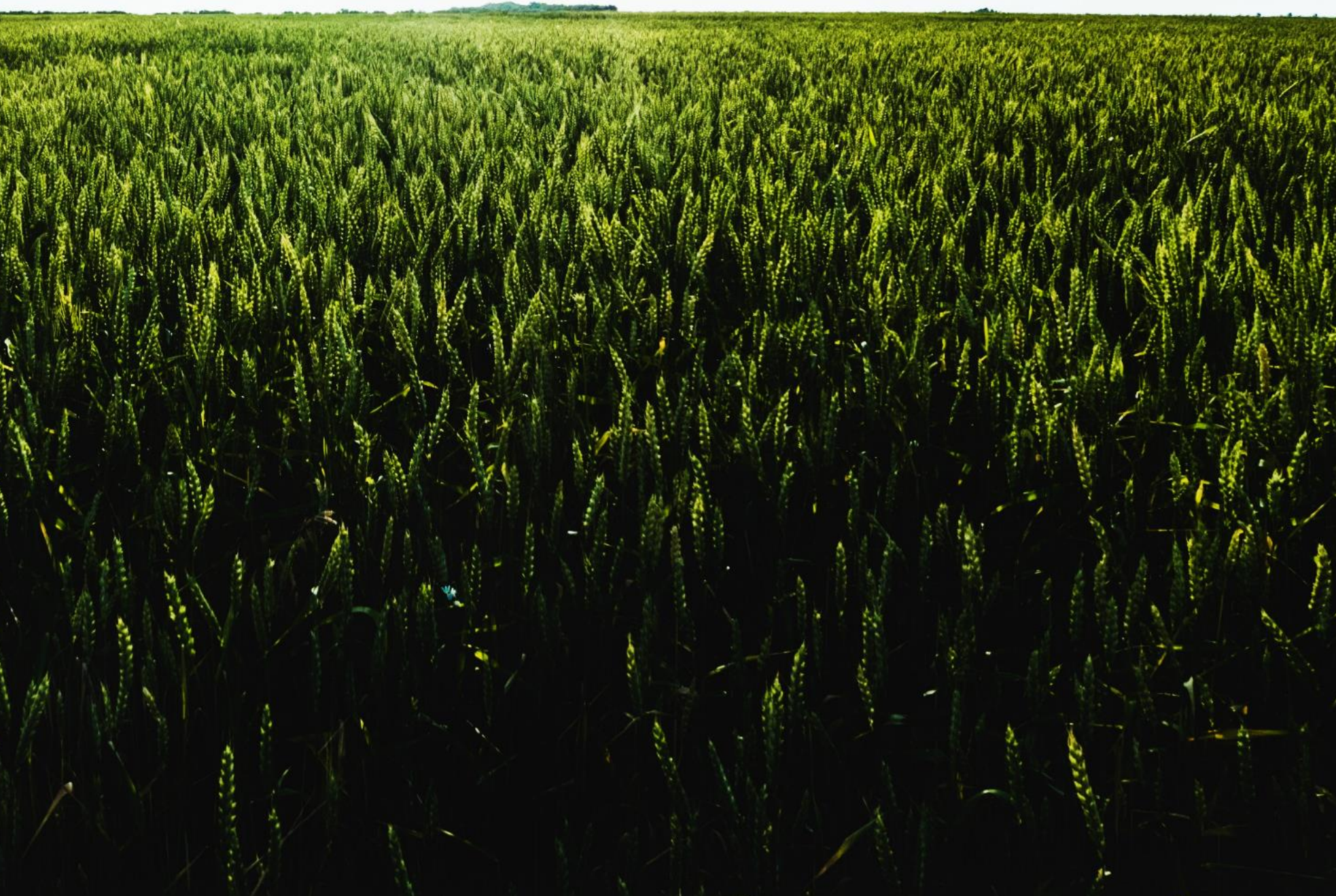
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The agriculture sector plays the leading role in the socio-economic development in Kurdistan Region.



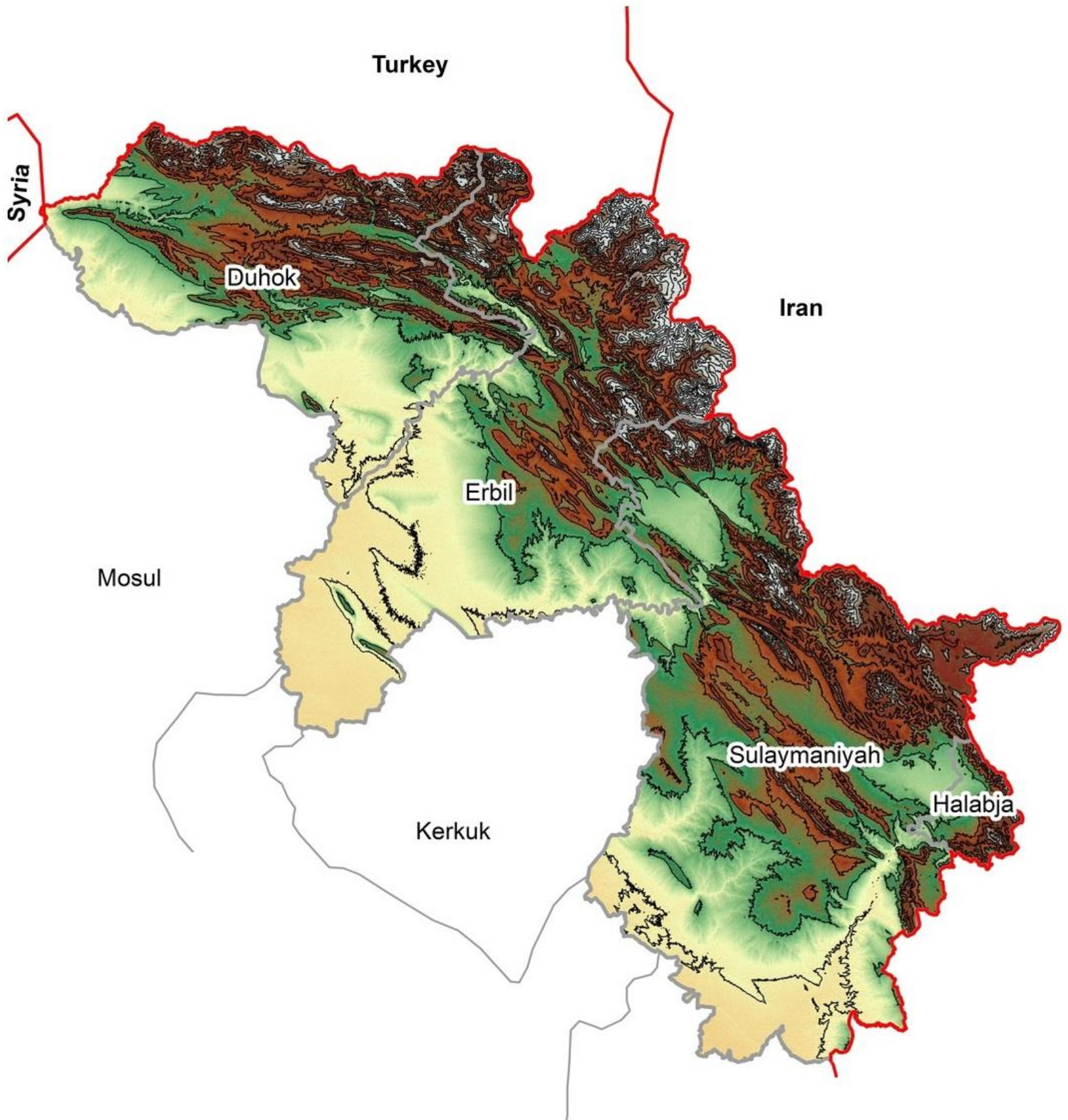
Kurdistan Region of Iraq (KRI) located in north of Iraq borders with Syria to the west, Iran to the east, Turkey to the north and a part of Iraq as a region semi-independent from 1991. In the same year KRI established an autonomous government in north of Iraq, the region has an own parliament, an own military (The “Peshmerga”), an own borders and foreign policy.



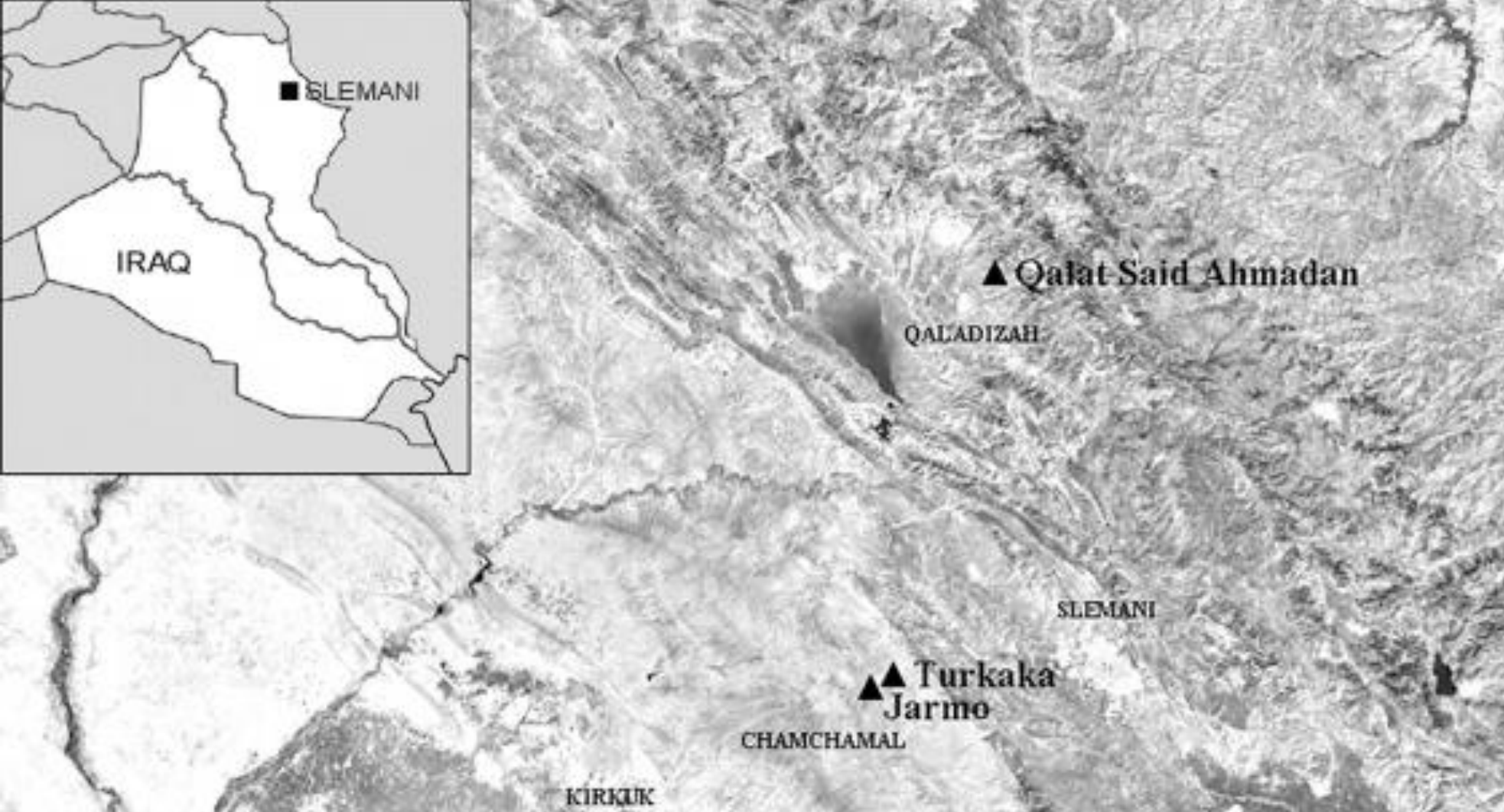
The Kurdistan region in Iraq (KRI) is located between latitude 34-37 and longitude 41-46, it includes **Erbil, Dohuk, Sulaimania** and **Halabja** Governorates with **Garmian, Raparin, Soran** and **Zakho** Administrations.

In 2020, the population has been estimated at **6,171,083** and the annual growth rates approximately **3%**.

The KRI includes mountains, hills and most fertile plain part of Iraq.



Kurdistan Region of Iraq (KRI) belongs to the first places where agriculture was practiced in the history of humankind. As a part of the “Fertile Crescent” it developed into a vibrant hub of agricultural production in the wider Middle East. With archaeological finds in **Jarmo** village in KRI considered as one of the oldest agricultural villages in history dating back to about (7000) BC., during the new stone age. Research from Chicago University (1948-1955) has shown that the villagers of **Jarmo** grew **wheat, barley and lentils**. There is evidence that they had domesticated **goats and sheep**.



Kurdistan Region characterized by Mediterranean type climate, Summers are hot and dry raising temperatures from 43-48 degrees Celsius.

The winters are cold and rainy with a mean minimum of -2 degree Celsius, with possibility for snowfall in mountain area, the rainy season extends from October to end of April.



The following pages are Ministry of Agriculture and Water Resources Work and Activities During the Four Years of the 9th Cabinet of the Kurdistan Regional Government



Part One: Water Sector

A- Dams

Dams constructed by the General Directorate of Dams and Water Reservoirs of the Kurdistan Region						
No.	Dam Name	Location	Volume of Water (mcm)	Start and completion dates	Cost of dams (IQDs)	Note
Completed dams in the Kurdistan Region/ Erbil province						
1.	Jali	Erbil/Koya	8.6	24/3/2010 15/4/2013	10,729,262,000	
2.	Degalla	Erbil/Koya	1.075	6/12/2010 16/2/2014	6,237,185,000	
3.	Hamamok	Erbil/Koya	0.35	21/1/2008 25/11/2010	4,142,425.5\$	
4.	Kodalla	Erbil/ Erbil Flatland	0.12	28/08/2013 15/3/2015	2,774,269,000	
5.	Chamrga	Erbil/Erbil Flatland	1.1	5/1/2011 16/5/2022	3,757,192,000	
Completed dams in the Kurdistan Region/ Sulaimani province						
1.	Shiwasoor	Sulaimani/ Chamchamal	8	07/04/2011 11/11/2014	11,000,585,160	
2.	Hashazini	Sulaimani/ Chamchamal	0.6	3/2/2013 21/1/2018	3,864,131,152	Final measurement remained
3.	Chami Smor	Sulaimani/ Qaradagh	1	3/7/2012 25/5/2015	7,442,823,836	
4.	Dewana	Sulaimani/ Qaradagh	21	17/10/2010 It is in the completion process	26,280,100,900	
Completed dams in the Kurdistan Region/ Duhok province						
1.	Pedohi	Duhok	1.8	23/2/2011 21/8/2014	11,787,534,000	
2.	Khanas	Duhok/ Shekhan	5.9	12/6/2010 10/11/2022	9,218,486,750	The initial receive and final measurements remain

Completed dams in the Kurdistan Region/ Garmian Administration

1.	Bawa Shaswar	Garmian/ Kifri	6.6	2008 2011	8,190,000,000	
2.	Hasan Kanoosh	Garmian	0.22	14/8/2012 10/2/2013	2,441,145\$	
3.	Harrawa	Garmian/ Chamchamal	0.8	9/12/2009 2011		
4.	QadirKaram	Garmian/ Chamchamal	1	27/12/2011 1/4/2015	4,623,020\$	
5.	Awaspi	Garmian/ Chamchamal	21.6	3/10/2011 15/10/2015	15,928,102.97 \$	
6.	Weri Qadir karam	Garmian/ Kifri	0.2	7/4/2014 9/7/2015	986,717,000	
7.	Toora jar	Garmian/ Kalar	1.5	5/5/2012 12/1/2023	5,800,000,000	Based on letter No. 100 on 01.02.2023 a committee was formed for the initial receive



No.	Dam Project name	Project location	Implementation Rate %	Project water capacity in MCM	Project Cost + Change	Date of commencement	Note
1.	Gomaspan	Erbil/ Shaqlawa	45	71.84	95,028,782,000	20/08/2013	The project is ongoing.
2.	Bawanoor	Garmian/ Kalar	12	46	244,232,050,666	21/08/2013	Working on the project stopped on 1/7/2020 due to the financial crisis, a letter from the Minister of Agriculture and Water Resources No. 2958 on 10.05.2023 was sent to the Council of Ministers to allocate (20) billion dinars for the project for working again
3.	Basara	Sulaimani/ Chamchamal	4.3	60	98,605,280,611	21/08/2013	Work on the project stopped on 29.08.2021 due to the financial crisis and the lack of advance payment.
4.	Aquban	Erbil/ Shaqlawa	94.3	2.6	7,955,184,686	05/01/2011	Work on the project is ongoing
5.	Shawger	Erbil/ Koya	88	1.1	5,630,016,000	18/03/2013	Work on the project is ongoing
6.	Banooy Taleban	Erbil/ Koya	91	3	8,986,061,553	06/01/2011	Work on the project stopped on 01.04.2014 due to the financial crisis and the lack of advance payment
7.	Nazanin	Erbil/ Koya	26	1.9	7,935,908,424	25/05/2013	According to letter number 2 on 01.03.2023 the company has been urged to resume operations as soon as possible.
8.	Soorqawshan	Sulaimani/ Dukan	80	6.2	13,345,140,880	02/06/2011	Work on the project stopped on 25.12.2014
9.	Zallan	Sulaimani/ Sharbazher	38	25	25,175,280,328	02/02/2014	Work on the project stopped on 01.08.2015
10.	Chaq Chaq 2	Sulaimani/ Center	32	3.4	16,089,975,070	12/12/2013	Work on the project stopped on 01.01.2016
11	Solving of the Darbandikhan Dam damages	Sulaimani/ Darbandikhan	55	—	2,236,458,490	23/11/2021	Work on the project stopped on 09.11.2022
12.	Sabna 2	Duhok/ Amedy	43.3	5	7,263,060,700	03/11/2013	Work on the project is ongoing
13	Gali Bandawa	Duhok/ Semel	37.38	6	7,187,196,750	28/12/2013	Work on the project is ongoing
14.	Khornawazan	Garmian/ Kifri	96.5	11	16,508,529,795	23/10/2010	Work on the project stopped on 26.11.2019



Projects with completed review and designs/ recommended for construction

No.	Project name	Location	Commencement and completion date	Total planned budget in IQD	Amount in IQD (Contract)	Funded budget (total expenditure) (IQD)	Remained budget (IQD)	Actual implementation rate (%)	Financial implementation rate (IQD)	Implementing company	Project reservoir (MCM)
Projects with completed review and design but not yet implemented/Erbil											
1	Basty Shanagha	Erbil/ Koya	15/5/2011 8/1/2012	261,000,000	260,698,000	132,617,000	0	100	100	ZE	4.2
2	Balayyan	Erbil/ Choman	30/5/2011 15/7/2013	406,000,000	405,660,000	405,660,000	340,000	100	100	Payam Omran	
3	Kazhak	Erbil/ Soran	10/8/2011 4/4/2012	335,000,000	303,964,000	303,964,000	31,036,000	100	100	Payam Omran	
4	Mandawa	Erbil/ Khabat	16/5/2011 1/6/2012	1,180,000,000	1,072,896,000	1,075,820,000	104,180,000	100	100	Bardazen + MMR	330
5	Gundarozh/ Galazher	Erbil/ Soran	23/5/2011 16/1/2012	226,000,000	225,975,000	52,300,000	173,700,000	100	100	Payam Omran	
6	Sartik	Erbil/ Koya	15/5/2011 6/6/2012	810,000,000	809,225,000	809,225,000	775,000	100	100	Heilbronn + Freeplan	682
7	Derana	Erbil/ Soran	2/4/2012 26/1/2013	400,000,000	380,650,000	398,800,000	1,200,000	100	100	Qushtapa	
8	Hawzy Rubari Rawanduz	Erbil/ Rawanduz	5/5/2011 12/10/2012	580,000,000	527,442,000	424,808,000	155,192,000	100	100	Bardazen + HMR	28.5
9	Shiwarash	Erbil/ Choman	7/5/2012 2/3/2013	400,000,000	341,990,000	358,190,000	41,810,000	100	100	Qushtapa	
10	A dam in Shaqlawa	Erbil/ Shaqlawa	10/3/2013 28/1/2014	400,000,000	320,000,000	335,930,000	64,070,000	100	100	ZE	2
11	Sule	Erbil/ Shaqlawa	24/10/2013 20/8/2014	400,000,000	334,980,000	325,380,000	74,620,000	100	100	Shewa Bureau	3
12	Azyana	Erbil/ Erbil Plain	17/7/2013 10/3/2014	350,000,000	289,960,000	304,360,000	45,640,000	100	100	ZE	0.3
13	Mirakan	Erbil/ Erbil Plain	17/7/2013 3/3/2014	350,000,000	298,960,000	313,760,000	36,240,000	100	100	ZE	1.5
14	Hawzi Bastora	Erbil/ Shaqlawa	15/7/2013 22/10/2014	550,000,000	368,175,000	347,550,000	202,450,000	100	100	Aquaproject	
15	Siktan	Erbil/ Koya	15/7/2013 6/8/2014	350,000,000	274,390,000	261,725,000	88,275,000	100	100	Aquaproject	2.13
16	Rawanduz 10	Erbil	12/7/2013 19/3/2015	1,225,000,000	818,790,000	675,520,000	549,480,000	100	83	Omar Ab+ Ab Niro	28.8
The total funded budget for projects with completed review and designs and not yet implemented/Erbil						6,525,609,000					

Projects with completed review and design but not yet implemented /Sulaimani											
1	Kawillos	Saidsadiq/ Center	9/10/2012 21/12/2013	550,000,000	454,000,000	198,000,000	352,000,000	100	42	Zhinab Gharb	50
2	Shasho Qallata	Sulaimani/ Mawat	13/11/2013 23/12/2014	350,000,000	307,043,700	191,190,000	158,810,000	100	56	Tarhe No Andishan	1.46
3	Chamy Rokhana	Sulaimani/ Chamchamal	16/6/2011 7/6/2012	370,000,000	359,172,000	332,021,100	37,978,900	100	100	Bardazen + HMR	22.1
4	Qaziawa	Sulaimani/ Sharbazher	28/6/2011 22/1/2012	4,393,000,000	241,472,000	203,052,000	4,189,948,000	100	100	Bardazen + HMR	
5	Kani Sard	Sulaimani/ Penjwin	7/1/2013 18/11/2013	400,000,000	307,267,350	310,654,000	89,346,000	100	100	Union of Engineering and Environmental Consultants Ltd	10
6	Kanarwe	Sulaimani/ Sharbazher	7/1/2013 29/11/2013	500,000,000	374,995,500	380,620,400	119,379,600	100	100	Union of Engineering and Environmental Consultants Ltd	11
7	Khewata	Sulaimani/ Sharbazher	7/3/2012 14/7/2013	1,600,000,000	913,075,727	961,537,247	638,462,753	100	100	Koma	143
8	Kunjrin	Sulaimani/ Mawat	10/10/2013 22/10/2014	350,000,000	286,362,000	302,410,000	47,590,000	100	100	Shamal Engineering Consultancy Bureau	3.5
9	Gali Khidran	Sulaimani/ Dukan	10/10/2013 12/11/2014	350,000,000	260,016,696	255,930,000	94,070,000	100	100	AbFun	5.1
10	Kallkan	Sulaimani/ Dukan	31/10/2013 27/6/2014	400,000,000	289,077,900	280,332,000	119,668,000	100	100	Union of Engineering and Environmental Consultants Ltd	1.5
11	Mirawa	Sulaimani/ Mawat	8/10/2013 1/12/2014	350,000,000	270,453,000	177,429,000	172,571,000	100	100	Aquaproject	1.85
12	Tazhga	Sulaimani/ Chamchamal	24/10/2013 1/4/2015	350,000,000	264,089,400	253,225,000	96,775,000	100	100	Cameo Engineering Consultancy Bureau	0.814
13	Chukhmakh	Sulaimani/ Sharbazher	3/11/2013 24/3/2015	400,000,000	298,168,400	287,860,000	112,140,000	100	100	Cameo Engineering Consultancy Bureau	0.15
The total funded budget for projects with completed review and designs and not yet implemented/Sulaimani						4,134,260,747					
Projects with completed review and design but not yet implemented/ Duhok											
1	Bedol	Duhok/ Akre	15/6/2011 26/2/2012	340,000,000	325,771,950	294,516,000	45,484,000	100	100	Draf	
2	Khlin Kurka	Duhok/ Shekhan	28/5/2011 10/1/2012	300,000,000	273,600,000	273,600,000	26,400,000	100	100	Areen	
3	Basse	Duhok/ Amedi	2/1/2012 18/8/2013	770,000,000	747,697,500	784,052,000	0	100	100	Dimar Vinos	67
4	Brzor	Duhok/ Zakho	3/1/2013 30/1/2014	400,000,000	363,630,000	322,700,000	77,300,000	100	100	Dimar Vinos	5
5	Gleni	Duhok/ Shekhan	3/4/2012 15/3/2013	384,000,000	356,000,000	149,864,358	234,135,642	100	100	Zanin + Barzan Bereau	7.2
The total funded budget for projects with completed review and designs and not yet implemented/Sulaimani						1,824,732,358					

Projects with completed review and design but not yet implemented/ Garmian											
1	Shiwasoor	Garmian/ Aghjalar	16/1/2010 7/7/2010	0	202,500\$	202,500\$	0	100	100	Fnoon Al-Iraq	13
2	glnaxaj	Garmian/ Aghjalar	26/11/2009 24/4/2011	285,881,200	259,892,000	267,688,760	18,192,440	100	100	Kartal	
3	Bardasoor	Garmian/ Kifri	1/3/2011 10/10/2012	735,000,000	668,750,000	599,737,200	135,262,800	100	100	Dler	168
4	Darasoor	Chamchamal/ Sangaw	21/11/2012 21/10/2013	445,000,000	339,500,000	192,000,000	253,000,000	100	53	Tarhe No Andishan + TNA	7.8
The total funded budget for projects with completed review and designs and not yet implemented/ Garmian						1,059,425,960 202,500\$					
The total funded budget for projects with completed review and designs in general/ Garmian						3,785,518,959 645,139\$					
Projects with completed review and design but not yet implemented/ Raparin Administration											
1	Halsho	Raparin/ Qaladze	26/11/2009 24/4/2012	255,442,000	232,220,000	155,336,600	100,105,400	100	100	Fnoon Al-Iraq	
2	Palk	Raparin/ Pshdar	22/5/2011 5/1/2012	409,000,000	372,172,000	310,510,300	98,489,700	100	100	Bardazen+ HMR	4.7
3	Delga	Ranya/ Pshdar		1,096,000,000	1,006,000,000	810,116,705	285,883,295	100	79	ITSC	55
The total funded budget for projects with completed review and designs and not yet implemented/ Raparin Administration						1,275,963,605					
Projects with completed review and design but not yet implemented/ Halabja											
1	Chawgi Rishen	Halabja/ Xurmal	7/1/2013 23/10/2013	430,000,000	330,310,500	338,525,150	91,474,850	100	100	Union of Engineering and Environmental Consultants Ltd	0.155
The total budget of the projects that their research and mapping %100 have been completed (Erbil, Sulaimani, Duhok, Garmian Administration, Raparin Administration, Halabja)						21,743,669,096 IQD \$645,139					

B- Irrigation Projects and Ponds

No.	Project code	Project name	Project location	Total project cost in dinars or dollars	Type of funding	Project duration in days	Rate of implementation		Date of commencement	Advances in Dinar		Remaining amount is in dinars or dollars	Actual completion date	Work implementation		Note
							Actual			Number of advances	Amount of advances			Completed	Ongoing	
1	11-16-0041	Praza Pond	Erbil	505,890,000	Investment	240 + 360	66.77%		15/09/2013	Advances (3)	321,424,000	184,466,000	1/3/2023	Ongoing	Changing of the committee by letter No. 352 dated 16/5/2 The supervisory committee and contractor started working for the second time on 27/8/2019 according to our letter number (655) on 28/8/2019 Working started on 13/10/2022 and the third advance was sent to the General Directorate.	
2	11-16-0042	Bani Maran	Erbil	550,809,000	Investment	360 + 201	84%		04/11/2013	Advances (3)	168,000,000	382,809,000	14/7/2023	Completed	The contractor started working on 9/10/2022 according to our administrative order number (2436) on 18.10.2022 The contractor has requested a third advance from the General Directorate, it is approved and clearance has been done.	
3	10-16-0018	Bnaslaway gchka Pond	Erbil	652,289,000	Investment	360	61%		15/09/2013	Advances (4)	336,344,000	315,945,000		Stopped	Commencement order by letter 2227 dated 24.9.2013 Resumed work on 01. 04 .2015 By Administrative Order 578 on 29.04.2015 Work is going slowly due to the financial crisis	

4	10-16-0019	Suli Pond	Erbil	442,989,000	Investment	360	100%	23/09/2013	Advances (6)	204,965,000	238,024,000	17/9/2022	Completed	The contractor started working on 7/6/2022 according to administrative order number 120 on 20.06.2022 Final work has been done, initial admission has been done, signed by the receiving Committee, returned and finalized
5	10-16-0022	Darameer Pond	Erbil	757,197,000	Investment	360	98%	15/09/2013	Advances (4)	64,886,591	692,310,409		Completed	The contractor started working on 09.10.2022 according to our letter number 2407 on 16.10.2022. The fourth advance was completed and sent to the General Directorate of Water Resources
6	10-16-0023	Qadyana Pond	Erbil	641,048,000	Investment	360	96.5%	17/09/2013	Advances (4)	384,000,000	257,048,000	15/5/2023	Completed	After the appointment of the supervisory committee at the request of the supervising engineer, the contractor started working on 04.10.2022 according to administrative order number 2381 on 13.10.2022 The third advance has been returned to the General Directorate of Water Resources
7	13-16-0032	Pond construction in Hiran	Erbil	469,033,500	Investment	360+120	63.1%	22/01/2014	(3) ٤٤٤٤٤	279,746,000	189,287,500	29/12/2022	Ongoing	At the request of the supervising engineer the company started working on 26.06.2019 according to administrative order number 458 on 2/7/2019 The request for change has been sent to the Ministry for approval to withdraw 7%
8	13-16-0033	Construction of farm pond project in Makran village	Erbil	606,033,000	Investment	360	84.23%	30/01/2014	(*) ٤٤٤٤٤	378,464,000	227,569,000		Ongoing	The contractor started working on 10.10.2022 according to administrative order number 5398 on 16.10.2022 The contractor has requested a fourth advance. The measurement committee has done its job.

6	13-16-003 ^v	Construction of Dalash and Wsummerian irrigation projects	Erbil	283,400,000	Investment	360	0%	06/11/2022	Excavation has been carried out for the foundation of the channels Working was stopped by an order from the Soran Autonomous Administration It resumed its duties on 16.03.2023	Ongoing
10	22-16-0002	Kani Gani Pond	Erbil	407,000,000	Investment	360	1%	00/00/0000	Entrustment has been done; a committee has been formed by an administrative order. Working started on 09.01.2023 The location of the pond has been changed, and the approval of the Mukhtar has been obtained. The design for the new location has been done and is being audited.	Stopped
11	22-16-0006	Chalagrada Pond	Erbil	523,167,723	Investment	360	28%	18/12/2022	Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken. The first advance has been sent to the General Directorate of Water Resources.	Ongoing
12	22-16-0003	Kboor Pond	Erbil	464,200,000	Investment	360	8,45%	24/11/2022	Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken. Excavation of N.G. soil started.	Ongoing
13	22-16-0002	Xirra Pond	Erbil	433,928,000	Investment	360	0%	00/00/0000	Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken. Working had been stopped on 01.12.2022	Ongoing

14	22-16-0007	Ziyarat Pond	Erbil	609,339,500	Investment	360	8.12%	11/12/2022	0	0	0	0	Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken. Working on the project is ongoing
15	22-16-0005	Mam Khalan Pond	Erbil	471,575,000	Investment	360	5%	01/12/2022	0	0	0	0	Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken.
16		Mam Choghan Pond	Erbil	471,575,000	Investment	360	3%	12/01/2023		0			Entrustment has been done; a committee has been formed by an administrative order. A decision for its commencement has been taken. Excavation of N.G. soil started.
17		Survey and study of 25 ponds	Erbil	325,000,000	Investment	240	7%	18/12/2022					The location of the ponds has been given to the consulting bureau in two lists to obtain the opinions of the villagers, mukhtars, and districts. Attempts are continuing to resolve the land issue. Administration work and surveys have been done for the settled sites.
18		Rashdur Irrigation Project	Erbil	120,000,000		120	13.6%	04/12/2022					Stopped by Administrative order from Soran Autonomous Administration Order No. 3650 on 22.12.2022 from 01.01.2023 until 15.03.2023 Working started for the second time on 16.03.2023
19		Cleaning of Khabat Irrigation Project	Erbil	108,000,000		90	100%	20/12/2022				Completed	We have requested changes and withdrawal of 7% reserve to extend and clean the main channel. The first advance has been sent to the General Directorate of Water Resources. The initial receiving committee has been formed since 04.04.2023 in Khabat and the committee has received it.

20	10-16-0068	Cleaning of natural rainwater channels in Erbil and its surrounding	0	2,361,444,879	4/2/2014	80%	90	80%	Entrustment has been done; a committee has been formed by an administrative order. Working has not been started yet.
21	10-16-0050	(Organizing, cleaning, expanding and concreting the natural rainwater channel of Gard Jular) Project	0	0	12/4/2016	6	150	80%	Entrustment has been done; a committee has been formed by an administrative order. Working has not been started yet.
22	10-16-0068	Sangasar Irrigation Project	1,347,790,645	2,644,155,922	30/12/2015	0	180	80%	Working on the project is ongoing
23	10-16-0050	Qazan Pond	1,277,110,331	0	1/5/2012	1	400	20%	The 2023 allocation has not been made for it.
24	11-16-0071	Establishment of runoff measurement stations in Sulaimani province	84,125,000	158,000,000	16/12/2013	4	180	45%	The contract has been canceled at the request of the contractor and the remaining part has been requested to be implemented directly
25	12-16-0038	Construction to Thiazayr Pond	1,164,171,413	173,934,300	8/3/2014	2	240	20%	The 2023 allocation has not been made for it.
26	11-16-0086	Bellakha Pond	115,287,850	168,989,000	16/12/2013	4	210	65%	Work has stopped due to lack of funds in the banks
27	11-16-0112	Chewy Saro Pond	299,727,479	156,822,571	8/3/2014	2	400	38%	Partial receipt has been made The remaining part has not been implemented due to lack of funds

28	11-16-0085	Sulaimani	Investment	72%	03/01/2022	3	338,143,402	175,599,148	Working on the project is ongoing
29	11160110	Sulaimani	Investment	97%	13/6/2022	6	731,724,476	102,372,370	Working on the project is ongoing
30		Sulaimani	Oil budget	76%	23/10/2022	1	25,760,000	0	The project has been appropriated for 2022 but has not been implemented yet due to lack of funds in the bank. It needs the appropriation for 2023, which is currently in the Ministry of Finance and Economy.
31		Sulaimani	Oil budget	40%		1	82,258,000	0	We are waiting for approval to be implemented directly
32	7590	Sulaimani	Regular budget of Sulaimani	0%	26/10/2022			0	The project has not been implemented due to lack of cash in the banks
33	11141	Sulaimani	Regular budget of Sulaimani Irrigation					0	The project has not been implemented due to lack of cash in the banks
34	14485	Sulaimani	Regular budget of Sulaimani Irrigation			1	46,150,000	39,995,000	The project has not been implemented due to lack of cash in the banks
35	17105	Sulaimani	Regular budget of Sulaimani Irrigation	0%	23/10/2022			0	The project has not been implemented due to lack of cash in the banks
36	11960	Sulaimani	Regular budget of Sulaimani Irrigation	0%				0	Ongoing

46	10160038	10160049	10160050	10160053	11160093	11160093	13160072	13160074
	Delivering of Tigris River water to Duhok	Renovation of (6) soil ponds in Akre districts	Renovation of 9 soil ponds in Duhok	Renovation of 6 soil ponds in Zakho and Amedy	Preparation studies and mapping of (8) pump irrigation projects	Preparation studies and mapping of (6) pump irrigation projects	Implementation of (4) irrigation projects in Akre district 1- Channel	Implementation of (8) irrigation projects in Duhok province 1- Channel
	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok
	22,598,335,894	631,400,000	70,675,000	48,400,000	148,500,000	179,300,000	486,629,241	183,180,800
	Investment	Investment	Investment	Investment	Investment	Investment	Investment	Investment
	365				240	240	200	150
	0%		100%	100%	95%	95%	32%	91%
	20/5/2012	15/5/2012	24/5/2012	14/11/2012	3/3/2013	3/3/2013	24/11/2013	27/11/2013
	6	1	1		2	2	2	2
	20,338,501,000	51,186,000	12,850,000		114,545,600	146,700,000	132,956,000	132,218,000
	2,259,834,894	11,954,000	57,825,000	48,400,000	33,954,400	32,600,000	353,673,241	50,962,800
		8/10/2013	14/4/2015	24/12/2013				
	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Stopped	Stopped

54						
2-Channel restoration (Babukhki Alia + Shawrik + Butshi + Kahaski)	280,942,200	Duhok	Duhok	Duhok	Duhok	Duhok
Implementation of (5) irrigation projects in Zakho district (3 in Batifa, 1 in Darkar; 1 in Rzgart 1- Restoration of Shilan Channel (Nzart)	370,794,270	Duhok	Duhok	Duhok	Duhok	Duhok
Renovation of Gre Gawre Pond	94,556,000	Duhok	Duhok	Duhok	Duhok	Duhok
Development of the region	20-16-0007	Duhok	Duhok	Duhok	Duhok	Duhok
Renovation of 5 ponds	189,081,200	Duhok	Duhok	Duhok	Duhok	Duhok
Development of the region	14/2/2012	Duhok	Duhok	Duhok	Duhok	Duhok
Renovation of 8 soil ponds in Amedy	176,914,100	Duhok	Duhok	Duhok	Duhok	Duhok
Development of the region	11/9/2013	Duhok	Duhok	Duhok	Duhok	Duhok
Renovation of 7 soil ponds in Duhok	147,700,300	Duhok	Duhok	Duhok	Duhok	Duhok
Development of the region	11/9/2013	Duhok	Duhok	Duhok	Duhok	Duhok
Renovation of Galnaski pond	27,583,400	Duhok	Duhok	Duhok	Duhok	Duhok
22-T-231	27,583,400	Duhok	Duhok	Duhok	Duhok	Duhok
Investment	280,942,200	Duhok	Duhok	Duhok	Duhok	Duhok
Investment	370,794,270	Duhok	Duhok	Duhok	Duhok	Duhok
Investment budget (Ongoing) 2021	94,556,000	Duhok	Duhok	Duhok	Duhok	Duhok
Provincial development	189,081,200	Duhok	Duhok	Duhok	Duhok	Duhok
Provincial development	176,914,100	Duhok	Duhok	Duhok	Duhok	Duhok
Provincial development	147,700,300	Duhok	Duhok	Duhok	Duhok	Duhok
Special Budget of Duhok Province/ 2022	27,583,400	Duhok	Duhok	Duhok	Duhok	Duhok
Investment	150	Investment	Investment	Investment budget (Ongoing) 2021	Provincial development	Provincial development
150	180	180	180	100%	100%	100%
75%	51%	51%	51%	100%	100%	100%
27/11/2013	2/12/2013	2/12/2013	28/10/2021	14/2/2012	11/9/2013	11/9/2013
1	1	1	1	1	1	1
5,601,000	168,904,000	168,904,000	51,958,000	116,890,000	8,000,000	67,000,000
275,341,200	201,890,270	201,890,270	42,598,000	72,191,200	168,914,100	80,700,300
			42,598,000	72,191,200	168,914,100	80,700,300
			16/1/2022	14/4/2015		
			Completed			
Stopped	Stopped	Stopped	Completed	Stopped	Stopped	Completed
Stopped	Stopped	Stopped	Completed	Stopped	Stopped	Completed

19	22-T-232	22-T-233	22-34-0018	Privet Budget	22-34-0028	22-34-0017	22-34-0093 +22-34-0095
	Bakuzi pond renovation	Mammani pond renovation	Benjeni- Bagera pond renovation	Water canal renovation in Kifri village	Zawia pond renovation	Water canal construction in (krini- hujava) villages	Water canal renovation in Akre, Dinarta, Biji, giridasi, and a pond renovation in Kanti Qaurter
	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok
	21,367,350	14,023,450	53,617,680	20,600,000	36,112,830	147,848,775	88,693,300
	Special Budget of Duhok Province/ 2022	Special Budget of Duhok Province/ 2022	Duhok Provincial Development Budget for 2022	Special Budget of Duhok Province/ 2023	Duhok Provincial Development Budget for 2022	Duhok Provincial Development Budget for 2022	Duhok Provincial Development Budget for 2022
						120	90
	100%	100%	100%	100%	100%	100%	100%
	18/8/2022	18/8/2022	01/09/2022	04/09/2022	08/09/2022	09/10/2022	03/11/2022
						2	
						121,511,875	
	21,367,350	14,023,450	53,617,680	20,600,000	36,112,830	26,336,900	88,693,300
	20/12/2022	20/12/2022	15/12/2022	31/10/2022	15/12/2022	01/10/2023	16/3/2023
	Completed	Completed	Completed	Completed	Completed	Completed	Completed

89	22-34-0094	(22-T-234)+(22-T-235)+(22-T-236)+(22-T-237)	(22-T-238)+(22-T-239)+(22-T-240)	22-16-0020	20-16-0005	22-16-0017
	Renovation of a small soil pond in Mazrigan and Bamshmh villages	Drilling of 5 well in the villages of Baghur, Banda, Baroshka Seve, Alakha, Ghahuk & renovation of water canal in Meske, Khaziava, Chamam, Primus, minmale villages. Construction of water canal in Nheir- Junk villages.	Construction of irrigation canal in Ashi Kunis, and Construction of irrigation projects in nut orchards and irrigation project in Bamamy.	Construction of Ziyuk Sindi Pond	Construction of Hawriske pond, renovation of Shif baluk pond	Construction of Aluka Pond and and Kilka-1 Ponds
	Duhok	Duhok	Duhok	Duhok	Duhok	Duhok
	80,300,000	282,097,430	310,529,550	500,125,021	419,308,283	1,439,421,500
	Duhok Provincial Development Budget for 2023	Special Budget of Duhok Province/ 2023	Special Budget of Duhok Province/ 2023	Budget of Ongoing Investment Projects/ 2022	Budget of Ongoing Investment Projects/ 2022	Budget of Ongoing Investment Projects/ 2022
	100	270	260	270		540
	81%	63%	9%	7%	0%	0%
	12/04/2022	12/04/2022	12/04/2022	02/12/2023	18/5/2023	29/5/2023
	2	2			1	
	80,174,000	147,456,500			45,492,817	
	126,000	134,640,930	310,529,550	500,125,021	373,815,466	1,439,421,500
	Completed					
		Ongoing	Ongoing	Ongoing	Ongoing	Ongoing

80	13-16-0040	Implementation of Klesa irrigation project	Koya	80,215,357,130	Investment	1,080	4.8%	18/5/2014	3	2,572,049,000	77,643,308,130	Duration of 210 days, according to the administrative order of the General Directorate of Water Resources (3165) on 15/11/2015. It is ongoing
81	11-16-0013	Water pumping station from the Lower Zab to (Awmal and Taze De) villages	Koya	569,202,700	Investment	340	55%	04/12/2012	2	234,908,500	334,294,200	Additional period (120) days according to the order of the Presidency of the Divan - Planning Office No. (2171) from 8/4/2014 and No. 5483 from 1/9/2014 to 29 additional days by the order of the Presidency of the Council of Ministers Planning Office No. (11438) on 17/10/2014 and (50) days by administrative order number (770) on 10/9/2013 and for 120 days according to ministerial decree (7467) on 23/11/2014/. According to the administrative order Koya Irrigation Directorate No, working on this project has been stopped (1045) on 24/11/2013
82	13-16-0041	Construction of irrigation projects and restoration of Hamamak river above and below the	Koya	500,000,000	Investment	340	0%	12/02/2014			500,000,000	The contract has been terminated
83	11-16-0040	Provision of equipment and installation of new advanced meteorological stations	Koya	178,090,000	Investment	180	55%	23/12/2013	1	86,577,000	91,513,000	Additional period (120) days according to the order of the Presidency of the Divan - Planning Office No. (2171) on 8/4/2014 and 120 days according to the ministerial order (7467) on 23/11/2014. Due to the economic crisis working has been stopped.
84	11-16-0039	Research and mapping of irrigation projects in Koya area and its villages	Koya	150,000,000	Investment	180	0%	27/1/2014			150,000,000	Additional period (120) days according to the order of the Presidency of the Divan - Planning Office No. (2171) on 8/4/2014 and 120 days according to the ministerial order (7467) on 23/11/2014/ Work on this project has been stopped due to financial problems

85	11-16-0018	Construction of irrigation project (Smajqiyakan third phase) (Kroj/4 and Mirsayed/2)	Koya	741,080,622	Investment	390	0%	11/06/2013	ماوهی سه‌بار (120) رۆژ به پی ی فهرمانی سه‌رۆکایهتی دیوان سه‌مانگهی پلان داتان ژماره (2171) له 2014/4/8 و ماوهی 120 رۆژ به پی ی فهرمانی و مزاری (7467) له 2014/11/23 Ongoing له به‌هۆی Stopped لهم پرۆژه کیشه‌ی دارایی
86	10-16-0012	Research, survey and mapping for irrigation of (40000) dunams in Koya plain (Kiesa)	Koya	3,000,000,000	Investment	210	20%	17/7/2011	Additional period (120) days according to the order of the Presidency of the Divan - Planning Office No. (2171) on 8/4/2014 and 120 days according to the ministerial order (7467) on 23/11/2014. Working on this project has been stopped due to financial problems.
87	11-16-0039	Construction of 2 pools in Chnarok and Bawaji-Koya District	Koya	129,107,000	Erbil Provincial Development Budget	200	0%	21/1/2014	Additional period (120) days according to the order of the Presidency of the Divan - Planning Office No. (2171) on 8/4/2014 and 120 days according to the ministerial order (7467) on 23/11/2014. working on this project has been stopped due to financial problems.
88	22-16-008	Construction Project of Qula Rash Pond	Koya	666,325,000	Investment	365	4%	11/06/2022	
89	22-16-0022	Zewk Sindi Pond	Zakho	500,125,021		270	7%	17/1/2023	
				741,080,622					
				2,999,422,500		577,500			
				129,107,000					
				666,325,000					
				500,125,021				14/10/2023	
	Stopped								
	Ongoing								
	Stopped								
	Ongoing								
	Ongoing								



C- Water Resources

Statistics of the Licensed Wells in the Kurdistan Region

No.	Governorates and Autonomous Administrations	Industrial Wells	Agricultural Wells	Drinking Water Wells	Total
1.	Erbil	185	5,540	4,550	10,275
2.	Sulaimani	3,523	3,210	3,366	10,099
3.	Duhok	129	2,093	2,284	4,506
4.	Garmian Administration	190	1,223	525	1,938
5.	Total	4,027	12,066	10,625	26,818

Statistics of Unlicensed Wells in the Kurdistan Region until December 2022

Governorate	Number of Unlicensed Wells	Total
Erbil	6,000	28,410
Sulaimani	20,410	
Duhok	500	
Garmian Administration	1,500	

Statistics of Pond Construction Projects in the Kurdistan Region

Governorate	Completed	Under Construction	Recommended
Erbil	36	25	25
Duhok	57	10	9
Sulaimani & Garmian	17	5	37



Part Two: Wheat Production and Marketing

Year	Area planted with wheat (dunam)					Total
	Erbil	Sulaimani	Duhok	Halabja	Garmian	
2022	666,057	1,290,480	774,057	Collected with Sulaimani		2,730,777
2023	650,106	1,092,418	805,816	51,240		2,599,580

Amount of Wheat (Tons) Received in the Silos of the Kurdistan Region

Amount of wheat received in silos in the Kurdistan Region/ton				
2019	2020	2021	2022	2023 till (08/07/2023)
351,488	389,745	125,483	322,386	447,337



Part Three: Agricultural Research and Extension

Agricultural Research

Year	Erbil	Sulaimani	Duhok	Halabja	Garmian	Total
2019 Researches	48	68	27	8	17	168
2020 Researches	43	86	26	5	16	176
2021 Researches	22	57	26	0	0	105
2022 Researches	36	69	4	2	13	124
2023 Researches	45	31	3	1	4	84
Total	194	311	86	16	50	657

Agricultural Research Training Courses

Year	Erbil	Sulaimani	Duhok	Halabja	Garmian	Total
2019 Courses	3	0	44	0	0	47
2020 Courses	2	2	20	1	0	25
2021 Courses	5	0	65	0	1	71
2022 Courses	0	4	0	0	0	4
2023 Courses	3	17	1	0	0	21
Total	13	23	130	1	1	168

Agricultural Extension Courses for Employees and Farmers

Year	Erbil	Sulaimani	Duhok	Halabja	Garmian	Total
2019 Agri. Extension courses	418	363	761	0	220	1762
2020 Agri. Extension courses	121	353	481	1	48	1004
2021 Agri. Extension courses	2	2	51	3	1	59
2022 Agri. Extension courses	2	2	24	6	0	34
2023 Agri. Extension courses	122	25	30	2	1	147
Total	655	745	1347	12	270	3006

- JICA has a four-year memorandum of understanding with the Ministry to evaluate and develop agricultural research in the Kurdistan Region.
- Cowater Organization will conduct four courses for the ministry employees in the field of agricultural training and extension.



Part Four: Wheat Seed Production

Basic Wheat Seed Production for the Years (2019), (2020), (2021) ,(2022)

Governorate	Year	Quantity (tons)	No, of beneficiaries (farmers)	Variety
Erbil	2019	797	329	Hawler 2 & 4
	2020	290	250	Hawler 2 & 4
	2021	1250	940	Hawler 2 & 4
	2022	1751,5	1200	Hawler 2 & 4
Sulaimani	2019	530,5	415	Sulaimani 2
	2020	100	85	Sulaimani 2
	2021	1667	1112	Sulaimani 2
	2022	1637	1120	
Duhok	2019	400	220	Hawler 2
	2020	1258	850	Cihan 99
	2021	1400	974	Cihan 99
	2022	1728	900	Cihan 99 & Tammuz 2
Halabja	2019	118	98	Adana 99
	2020	-----	----	
	2021	75	54	Adana 99
	2022	182,6	38	Sulaimani 2
Garmian	2019	325	179	Adana 99
	2020	30	20	Adana 99
	2021	1001	850	Adana 99
	2022	1222	930	Kalar 1, Kalar 2, Adana 99
Total		15,762 tons	10,405 farmers	

Total Wheat Seed Production by Year

Year	Amount (tons)	Beneficiaries (farmers)
2019	2170	1082
2020	1678	1205
2021	5393	3930
2022	6520	4188
Total	15762	10405



Livestock Projects from 01.07.2019 to 01.07.2023

No	Type of project	Number of projects	New projects	Total	Projects capacity	Unit
1.	Broiler	1535	362	1898	31,974,020	Chicks/batch
2.	Laying hens (Layer)	11	27	38	3,269,735,500	Eggs/ year
3.	Female parent broiler chick	14	0	14	102,581,880	Egg/year
4.	Female parent layer (eating egg)	0	3	3	44,356,072	Egg/ year
5.	Poultry Grandparent	1	0	1	4,500,000	Chick/ year
6.	Poultry hatchery	46	12	58	434,861,880	Egg/ year
7.	Parent (layer) hatchery	2	0	2	8,500,000	Egg/ year
8.	Poultry carnage	8	5	13	48,900	Chicken/hour
9.	Sheep & goat raising	74	3	77	27,276	Head/sheep
10.	Dairy cattle raising	76	11	87	14,609	Head/cattle
11.	Buffalo raising	1	0	1	75	Head/ buffalo
12.	Calf fattening	60	40	100	78,216	Head/calf
13.	Lamb fattening	6	1	7	2066	Head/ lamb
14.	Ostrich raising	1	0	1	6,000	Head/ostrich
15.	Feed factory	35	8	43	952	Ton/hour
		1870	469	2339	31,974,020	

Establishment of livestock projects from 31.05/2022 to 31.05.2023

- Establishment of (140) broiler projects with the capacity of (4,046,200) chickens/batches.
- Establishment of (16) edible egg projects with the capacity of (600,709,683) eggs/year.
- Establishment of (5) hatchery projects with the capacity of (600,895,67) eggs/year.
- Establishment of (3) poultry carnage with the capacity of (10,000) chickens/hour.
- Establishment of (4) dairy cattle projects with the capacity of (3,499) head/cattle.
- Establishment of (3) sheep and goat projects with the capacity of (5,107) sheep/head.
- Establishment of (5) feed factories with the capacity of (327) tons/hour.



Livestock Project Received Initial Approval from 31.05.2022 to 31.05.2023

Governorate	Poultry	Feed factory	Edible Egg	Hatchery	Calf fattening	Dairy cattle	Sheep and goat
Erbil	23	2	4	-	9	1	5
Duhok	13	-	1	1	5	-	-
Raperin	2	-	-	-	2	-	-
Soran	1	-	-	-	-	-	-
Halabja	1	-	-	-	-	-	-
Sulaimani	39	-	3	1	-	-	-

Fish Resources Projects in the Kurdistan Region from 01.07.2019 to 01.07.2023

Province	Erbil		Sulaimani		Duhok		Garmian		Total	
Project type	Number	Capacity (ton)/Year	Number	Capacity (ton)/Year	Number	Capacity (ton)/Year	Number	Capacity (ton)/Year	Number	Capacity (ton)/Year
Soil fish pond	177	329,63	76	270,79	43	109,02	68	292,22	364	1001,66
Concrete fish pond	4	138,16	9	766,58	4	413,17	0	0	17	1317,91
Fish cage farming	1	18	13	616,82	11	129,74	2	28,4	27	792,96
Closed pond	3	192,01	1	10,8	0	0	0	0	4	202,81
Total projects	185	677,8	99	1664,99	58	651,93	70	320,62	412	3315,34
Fingerling hatcheries	0	0	1	1,000,000	0	0	0	0	1	1,000,000



Number of Fish Resources Projects in the Kurdistan Region from 01.07.2019 to 01.07.2023

Licensed			Initial approval		
Governorate	Number	Type	Governorate	Number	Type
Erbil	0		Erbil	1	Hatchery
Duhok	0		Duhok	3	Soil
Rulaymaniyah	1	Cage	Rulaymaniyah	1	Concrete
Raperin	0		Raperin	1	Soil
Garmian	0		Garmian	0	
Total	1		Total	6	1 Concrete, 4 Soil, 1 Hatchery

Total Number Fish Resources Projects

Project	Old projects	New projects	Total
Fish Resources	391	21	412



Part Six: Beekeepers and Honey Production

Statistics of Beekeeper, Beehives, and Honey Production

Governorate	Number of beekeepers				Number of beehives				Product quantity (ton)			
	2019	2020	2021	2022	2019	2020	2021	2022	2019	2020	2021	2022
Erbil	3,200	3,200	3,200	993	400,000	400,000	400,000	39,908	350,000	140,000	500,000	205,589
Sulaimani	1,721	3,200	1,944	2,140	103,292	120,000	115,267	118,945	527,294	300,000	202,374	593,212
Duhok	3,544	3,529	3,401	3,259	78,276	80,601	66,224	78,298	218,431	227,871	132,947	290,466
Halabja	120	154	148	157	4,800	2,265	1,907	3,260	12,000	3,171	1,431	42,380
Garmian	428	430	438	140	9,287	10,786	9,417	3,350	15,619	1,854	16,510	12,203
Soran				107				2,226				22,022
Raparin				904				71,189				422,547
Zakho				334				7,524				12,405
Total	9,013	10,513	9,131	8,034	595,655	613,652	592,815	324,700	1,123,344	546,896	853,261	1,600,824



Part Seven: Horticulture, Forestry, and Rangelands

Table of Produced and Sold Horticultural Seedlings in 2022

No.	Governorate	Recommended products	Produced	Sold and produced seedlings
1	Erbil	100.000	49,241	19,755
2	Sulaimani	100.000	72,692	12,533
3	Duhok	20.000	9,400	5,223
4	Halabja	100.000	56,795	38,345
5	Garmian	100.000	42,258	7,774
6	Total	420,000	230,386	83,630

Mushroom Production Factories and Annual Production Capacities

No	Province	Project name	Project location	Year of establishment	Annual production capacity/ ton	Job opportunity
1.	Erbil	Wadi Al-Fatr Company	Qushtapa	2013	250	310 employees and workers
		Gulli Shler Company	Bnaslaw	2017	900	
		Rewl Company	Qushtapa	2018	700	
		Srushti Botin Project	Shaqlawa/ Salahaddin	2020	300	
		Soran Project	Shamamk	Under establishment	-----	
2.	Sulaimani	Penjwin mushroom project	Penjwin	2013	320	310 employees and workers
		Sha mushroom project	Sitak	2016	350	
		Sitak mushroom project	Sitak	2020	100	
		Yak mushroom project	Chamchamal	Under establishment	-----	
3.	Duhok	Khabir mushroom project	Zakho	2019	20	
4.	Garmian	Hiwa mushroom project	Kalar	2022	250	
Total		11 projects	----	----	3190 tons	

Olive Oil Production Factories, and Production Quantities

No.	Governorate	Factory name	Squeezed olive/ ton	Produced oil/ ton	Oil percentage (%)	No. of farmer
1.	Erbil	Komallay Harawayy	151	16.6	10.9	293
		Zamzami n	---	---	---	---
		Erbil Feed	144.5	20.4	14	97
2.	Sulaimani	Ranya	75	10	13	450
3.	Duhok	Kanar/ Shekhan	14	2.8	20	250
4.	Halabja	Rasan	415	60	14	250
5.	Garmian	Kalar	---	---	---	---
6.	Total	7 factories	799.5	109.8	---	1,340

Issuance of Horticulture Licenses

No.	Governorate	Issued license number	Renewed license number
1	Erbil	4	2
2	Sulaimani	8	27
3	Duhok	12	15
4	Halabja	0	3
5	Garmian	13	13
Total		37	60



Number of Greenhouses in the Kurdistan Region

No.	Governorate	No. of farmers	Total No. of greenhouses	Area/ m ²	Area/ dunam	Percentage (%)	Job opportunity
1.	Erbil	587	3,127	1,422,785	569	10.7	1564
2.	Sulaimani	1940	22,103	10,244,740	4,098	75	11,050
3.	Duhok	976	3,263	1,484,665	594	11	1631
4.	Halabja	30	467	212,485	85	1.7	233
5.	Garmian	36	460	209,300	83	1.6	230
Total		3,813	29,420	13,573,975	5,429	100	14,708

Memorandum of Understanding between the Ministry and Companies of Potato Chips and Finger Chips

No.	Company name	Location	Annual production/ tons
1	Beirut-Erbil Company for producing Chips and Finger.	Erbil - Qushtapa	15,000
2	Green Iraq Company for producing processed food and agricultural products	Sulaimani - Bazian	- 35,000
3	Lona Industry and General Trading Company	Sulaimani - Tanjero	- 4,000
4	Zen Snacks Company for snacks production	Erbil - Qushtapa	12,500
5	Chrome Factory for potato chips production	Erbil - Pirzin	2,400
6	Golden Earth Company for producing Food Products (Finger).	Erbil - Bahrka	-----



Forest and Rangeland Activities

Type of Activity	Erbil	Sulaimani	Duhok	Halabja	Garmian	Total
Produced seedlings	202,296	190,366	109,225	17,683	43,997	563,567
Distributed seedlings	39,207	174,734	47,232	26,299	10,314	297,786
Sold seedlings	22,471	66,339	50,247	9,850	22,776	683,171
Construction of fire line (m^2)	344,870	1,513,741	1,688,450	57,609	750	3,605,420
Natural forest clearing (dunam)	23,37	6,3	16,326	0	0	186,693
Artificial forest clearing (No. of trees)	38,029	26,160	499,60	2,628	71,375	188,152
Construction of stone wall (m^2)	1,420	17	311	45	0	1,793
Construction and restoration of the gradient line (length in meter)	33,300	188,633	7,600	13,411	0	242,944
Construction and restoration of water ponds.	47,411	17,556	191,635	675	70,963	328140
Fine and compensation of trees (Dinars)	5,170,000	0	0	0	220,000	5,390,000
Hiring of workers for nurseries and forestry projects by GIZ	74	267	111	143	55	465

Distributed Seedlings in the (Fence it with Tree) Campaign from 15.11.2022 to 31.12.22

No.	Directorates	Governmental Directorates	Non-Governmental Organization	Projects	Farmers	Total
1.	Erbil Directorate of Forestry and Rangeland	8,635	4,915	12,500	6,315	32,365
2.	Sulaimani Directorate of Forestry and Rangeland	92,241	5,500	54,819	12,461	165,021
3.	Duhok Directorate of Forestry and Rangeland	3,917	272	19,185	24	23,398
4.	Halabja Directorate of Forestry and Rangeland	32,083	3,020	1,080	7,125	43,308
5.	Garmian Directorate of Forestry and Rangeland	10,464	1,260	1,880	1,440	15,044
6.	Erbil Directorate of Horticulture	1,500	-----	750	200	2,450
Total		148,8840	14,967	90,214	27,565	281,586

Statistics of Burnt Area of Forests and Rangeland in the Kurdistan Region

Year	Burnt area in governorate (dunam)					Total
	Erbil	Sulaimani	Duhok	Garmian	Halabja	
2020	11,667	36,692	5188,5	421	3,091	57059.5
2021	1618.5	16,893	10,872	1195	8,017	38595.5
2022	1619,00	42,600	311,00	0	225,0	2755,42

Area of Agricultural Land (in dunam) in Kurdistan Region

Governorate	Rangeland/dunam	Forest/ dunam		Horticulture/ dunam		Area of agricultural area/ dunam	
		Natural	Artificial	Rainfed	Irrigated	Rainfed	Irrigated
Erbil	1,403,999	543,032	8,988	23,728	24,250	214,568	2,322,580
Sulaimani Halabja	2,306,069	570,496	15,980	89,728	53,159	832,876	930,800
		36,512	1,905				
Duhok	1,053,540	1,221,037	8,068	25,370	32,723	119,896	1,019,568
Garmian	2,174,161	136,444	531	1,141	11,465	146,372	1,200,604
Total	6,937,769	2,507,521	35,472	140,327	121,597	1,313,712	5,473,552

Area of Artificial Forest (in dunam) in the Governorates of the Kurdistan Region

No.	Governorate	Projects		Parks		Total	
		Number	Area/dunam	Number	Area/dunam	Number	Area/dunam
1.	Erbil	23	8,798	4	190	27	8,988
2.	Sulaimani	32	15,155	3	825	35	15,980
3.	Duhok	34	7,759	3	309	37	8,068
4.	Halabja	9	1,905	0	0	9	1,905
5.	Garmian	3	269	3	262	6	531
6.	Total	101	33,886	13	1,586	114	35,472



Nurseries (Horticulture - Forestry) for seedling Production in the governorates of the Kurdistan Region

Governorates	No. of forestry nurseries	No. of horticulture nurseries
Erbil	3	5
Sulaimani	5	6
Duhok	3	3
Halabja	1	1
Garmian	2	1
Total	14	16

List of Contract Workers for Horticulture Nurseries for 2023

No.	Governorate	No. Nurseries	Required workers	Daily wages	Duration of working	Cost
1.	Erbil	6	25	20,000 Dinars	250 days	125,000,000 Dinars
2.	Sulaimani	5	24	20,000 Dinars	250 days	120,000,000 Dinars
3.	Duhok	3	18	20,000 Dinars	250 days	90,000,000 Dinars
4.	Halabja	1	8	20,000 Dinars	250 days	40,000,000 Dinars
5.	Garmian	1	8	20,000 Dinars	250 days	40,000,000 Dinars
Total		16	83	20,000 Dinars	250 days	415,000,000 Dinars

List of Contract Workers for Forestry Nurseries for 2023

No.	Governorate	No. Nurseries	Required workers	Daily wages	Duration of working	Cost
1.	Erbil	3	22	20,000 Dinars	250 days	110,000,000 Dinars
2.	Sulaimani	5	24	20,000 Dinars	250 days	120,000,000 Dinars
3.	Duhok	3	15	20,000 Dinars	250 days	75,000,000 Dinars
4.	Halabja	1	8	20,000 Dinars	250 days	40,000,000 Dinars
5.	Garmian	2	9	20,000 Dinars	250 days	45,000,000 Dinars
Total		14	78	20,000 Dinars	250 days	390,000,000 Dinars

Part Eight: Vegetables and Fruits

Local Vegetables products at Kurdistan region wholesale Markets

year	Erbil/ton	Duhok/ton	Sulaimanyah/ton	Garmyan/ton	Total
2019	284,418	366,081	379,973	8,843	1,039,315
2020	251,662	153,870	329,778	12,581	747,891
2021	334,538	133,710	309,424	11,780	789,452
2022	490,903	42,782	263,621	11,375	808,681

Local Fruits products at Kurdistan region wholesale Markets

year	Erbil/ton	Duhok/ton	Sulaimanyah/ton	Garmyan/ton	Total
2019	32,684	24,627	33,465	684	91,460
2020	32,185	17,900	44,034	2,669	96,788
2021	23,492	10,674	47,564	1,295	83,025
2022	16,113	6,366	13,863	629	34,271



Part Nine: Refrigerated Warehouses

Total Number of the Refrigerated Warehouses in the Governorates of the Kurdistan Region

Governorates/ Autonomous Administrations	No. of refrigerated warehouses	Storage capacity	
		Amount	Unit
Erbil	279	31,290	ton
Duhok	114	12,800	ton
Sulaimani	159	17,831	ton
Garmian	4	10,300	ton
Halabja	24	2,692	ton
Total	580	74,913	ton



Part Ten: Agricultural land

Activities of the General Directorate of Agricultural Land from 10.07.2019 to 01.07.2023

Activity	Erbil	Sulaimani	Duhok	Garmian	Halabja	Note
Land allocation transactions for investment projects	105	64	26	32	6	233
Renting and distribution	201	68	3	40	30	673
Contract renewal	411	113	4	70	33	Until 18.01.2022 power delegation to the directorates was decided.
Investment project	516	655	390	71	57	3283
Allocation of land for agricultural projects Such as (refrigerated warehouses, Fruit and vegetable market, etc..)	128	49	137	74	18	723
Confiscation and cancellation	151	103	100	8	8	692



Part Eleven: Memoranda of Understanding

1. Signing a joint contract between the Kurdistan Regional Government Ministry of Agriculture and Water Resources, and Qaywan and Khoshnaw companies within the framework of the (farmers' wheat production marketing) project in the Kurdistan Region.
2. Signing a memorandum of understanding between the Ministry of Agriculture and Water Resources and the High Council of Women Affairs to develop the capacities of women and women agricultural entrepreneurs.
3. Signing a memorandum of understanding with the Dutch Government and Dutch Consulate in Erbil for consultation, development of food value chain, and preparation of agricultural policy paper.
4. Signing a memorandum of understanding between the Kurdistan Regional Government Ministry of Agriculture of the Kurdistan Region and the Federal Iraqi Government Ministry of Agriculture for coordination between the two sides. No. (1) in (13) points.
5. Signing a memorandum of understanding between the Kurdistan Regional Government Ministry of Agriculture and the Federal Iraqi Government Ministry of Agriculture for the development of the agricultural sector. No (2) in (12) points.
6. Signing a memorandum of understanding between the Kurdistan Regional Government Ministry of Agriculture and (6) industrial potato production companies to support farmers and owners of potato chip factories.

7. Re-implementation of the memorandum of understanding with the Harir and Sharazoor Tomato Paste Production Factories for purchasing tomato products from Kurdistan farmers.
8. Signing a contract for the purchase of two million chickens from the owners of poultry projects in the Kurdistan Region by the Iraqi Aqra Carnage during the joint agricultural exhibition between the Kurdistan Regional Government Ministry of Agriculture and the Federal Iraqi Government Ministry of Agriculture.
9. Signing a licensing contract with Bakesh Company for 7 years for the purpose of placing barcodes and stickers on the domestic products of (10) slaughterhouses in the Kurdistan Region for the purpose of protecting and identifying the domestic products of Kurdistan project owners.
10. Signing of a licensing contract with Bakesh Company for 7 years for the purpose of placing barcodes and stickers on the domestic products of (10) poultry carnages in the Kurdistan Region for the purpose of protecting and identifying the domestic products.
11. Signing of a memorandum of understanding between the Ministry of Agriculture and Water Resources and Harun Group Company for the supply of agricultural machines and equipment in long installments within the framework of the Decision of the Council of Ministers No. 79.
12. Signing of a memorandum of understanding between the Ministry of Agriculture and Water Resources and the Chinese Group of Companies (Power China) for the construction of four important and strategic dams

in the Kurdistan Region, which are (Dalga in Pishder, Khiwata in Sulaimani, Mandawa in Erbil, Bakrman in Duhok).

13. Signing of a memorandum of understanding with the Japan International Cooperation Agency (JICA) to implement a capacity development project for agricultural research and extension for the duration of four years in order to increase farmers' income by focusing on food quality production.
14. Signing of the contract of Chala Gardala Pond in the Erbil Province, which will be implemented by Bejan Company at a cost of (475,607,021) IQD within 360 calendar days.
15. Signing the contract for cleaning the canal of the Khabat irrigation project in Erbil province at a cost of (108,000,000) dinars. It is implemented by the (Qbool) Company within 90 calendar days.
16. Signing of the contract for the construction of the Kabur Pond in Erbil province, implemented by the (Girda Sher) company at a cost of (423,000,000) dinars within (360) calendar days.
17. Signing the contract for the construction of the (Rashdur) irrigation project in Erbil province, implemented by the Amer company at a cost of (120,000,000) dinars within (120) calendar days.
18. Signing of the contract for the surveying, research and mapping of (25) pounds in Erbil province, implemented by (Smart House) bureau at a cost of (325,000,0000) dinars within (240) calendar days.

19. Signing a contract for the construction of the (Ziyuk Sindi) pond in Zakho Autonomous Administration at a cost of (454,659,110) dinars, implemented by the (Rasti Zan) Company within (270) calendar days.
20. Signing a contract for the construction of the (Ziarat) pond in Erbil province, implemented by (Shiaw) Company at a cost of (553,945,000) dinars within (360) calendar days.
21. Signing a contract for the construction of Khra Pond in Erbil province at a cost of (394,480,000) dinars, implemented by (Sarshakh) Company within (360) calendar days.
22. Signing a contract for the construction of Mam Choghan Pond in Erbil province at a cost of (539,975,000) dinars, implemented by (Sarshakh) Company within (360) calendar days.
23. Signing a contract for the construction of Kani Gan Pond in Erbil province at a cost of (370,000,000) dinars, implemented by Girda Sher Company within (360) calendar days.
24. Signing a contract for the construction of Mam Khalan Pond in Erbil province at a cost of (471,574,500). implemented by (Afsana) Company within (360) calendar days.
25. Signing a contract for the construction of two ponds in Aloka and Kilka in Duhok province at a cost of (1,308,565,000) dinars, implemented by (Sipna) Company within (540) calendar days.

26. Signing a contract for the construction of Qula Rash Pond in Erbil province, Koya district, Ashti subdistrict at a cost of (605,750,000) dinars, implemented by (Sindi) Company within (365) calendar days.
27. Signing a memorandum of understanding between the Ministry of Agriculture and Water Resources and Al-Qurtas Islamic Bank to provide bank loan support for farmers with agricultural ideas and owners of agricultural projects.
28. Signing a memorandum of understanding between the Ministry of Agriculture and Water Resources and the Green East Land Company for the establishment of a joint company in the field of agricultural research within the framework of the provisions of both articles (7 and 8) of the Iraqi Companies Law No. (21) of 1997 and amended version in (2004) and the Ministry of Agriculture and Water Resources Law No. (6) of (2010).
29. Signing a work contract between the Vano Group and Dutch Hendrix Group to receive the brand agency (ISA) for the supply of female parent laying hen and distribution in the Kurdistan Region and Iraq.
30. Preparing a draft working contract with a UAE investment group in order to sell chicken meat products from poultry farms and carnages in the Kurdistan Region and export them to the UAE markets.



Part Twelve: Ministry Advisory Council

Decisions and Meetings of the Ministry's Advisory Council

No.	Year	Meeting Number	Decision Number	Date
1.	2019	1	13	23.07.2019
2.	2019	2	11	08.08.2019
3.	2019	3	10	22.09.2019
4.	2019	4	11	31.10.2019
5.	2020	1	20	20.01.2020
6.	2020	2	6	07.06.2020
7.	2020	3	7	17.08.2020
8.	2020	4	12	27.10.2020
9.	2021	1	22	14.01.2021
10.	2021	2	11	01.03.2021
11.	2021	3	15	12.04.2021
12.	2021	4	14	24.05.2021
13.	2021	5	7	18.08.2021
14.	2021	6	16	15.11.2021
15.	2022	1	42	22.02.2022
16.	2022	2	11	26.04.2022
17.	2022	3	38	25.07.2022
18.	2022	4	24	11.12.2022
19.	2023	1	35	23.05.2023
		Total number of meetings = 19	Total number of decisions = 325	



Part Thirteen: Decisions of the Council of Ministers for the Ministry of Agriculture and Water Resources

No.	Decision No.	Date	Purpose	Objectives	Level of implementation	Note
1.	24	18.09.2019	Regarding the repayment of agricultural loans	Repayment of Agricultural Bank loans by farmers and project owners	It is in the process of implementation	It has been extended by the decision of the Council of Ministers No. (132) on 19/01/2022, point (1) of the decision on agricultural loans.
2.	28	16.10.2019	Related to the domestic marketing of wheat produced in the Kurdistan Region	Marketing of farmers' wheat products in the region	Implemented	
3.	67	08.07.2020	Related to agricultural contracts	Preventing the excessive transfer of agricultural contracts	Not Implemented	The project law has been sent to the Council of Ministers and is currently in the Council of Shura
4.	68	08.07.2020	Related to the organization of nurseries	Manage nurseries and protect them from deterioration	It is in the implementation process	
5.	79	21.10.2020	Related to the provision of equipment in installments	Equipping the agricultural sector	It is in the implementation process	

6.	100	21.04.2022	Related to the drought	Solving the problem of drought	It is in the implementation process	Two special reports have been submitted to the Council of Ministers in order to solve the drought problem
7.	122	24.11.2021	Related to the appointment of a committee formed for the mechanism of pending issues	Regulate and resolve outstanding matters	Implemented	
8.	125	01.11.2021	Related to the process of compensation to farmers with agricultural contracts	Compensation to farmers with agricultural contracts (3%) whose lands were extinguished before (18.12.2018).	Implemented	
9.	131	19.01.2022	Related to the agricultural calendar	Imposing taxes and bans on imported products in order to protect domestic production of farmers	Implemented	
10.	133	23.02.2022	Regarding the approval of the previous decision on the agricultural calendar	Imposing taxes and bans on imported products in order to protect domestic production of farmers	Implemented	

11.	135	09.03.2022	Related to war crises and consequences	Reduction of food prices in the markets	Implemented	
12.	145	13.04.2022	Related to the suspension of customs duties on animal imports	Reduction of red meat prices in the markets	Implemented	With the comments of our Ministry on the content of the decisions
13.	140	06.04.2022	Related to the proposal of the Ministry of Agriculture to lift customs duties	Tax exemption for feed products	Implemented	
14.	13		Related to the Iraqi Council of Ministers			
15.	5	27.01.2020	Related to the Economy Council, prevention of Excessiveness and determination of the number of agricultural contracts			



Part Fourteen: Laws and Regulations, Project Laws and Guideline Laws

- Law No. (20) of 2021 on the supervisors of agricultural projects in the private sector in the Kurdistan Region of Iraq.
- Law No. (16) of 2021 on the production and import of seeds and seedlings and the approval and protection of agricultural varieties in the Kurdistan Region of Iraq.
- Water resources protection law
- Guideline No. (4) of 2021 on amending guideline No. (8) of 2013 on the implementation of the provisions of the Forest Law in the Kurdistan Region No. (10) of 2021.
- Guideline No. (5) of 2021 on issuing licenses to establish orchards.
- Guideline No. (6) of 2021 on amending the guideline on issuing licenses to establish nurseries.
- Guideline No. (7) of 2021 on the charcoal production.
- Guideline No. (8) of 2021 on the establishment of livestock projects (poultry and animal).
- Guideline No. (9) of 2021 on the establishment and licensing of fisheries projects.
- Guideline No. (1) of 2022 on the regulation of the import and handling of medicines, vaccines, and veterinary supplies.

- Guideline No. (2) of 2022 on veterinary licenses for the factories producing meat mince and its products.
- Guideline No. (3) of 2022 on the construction of greenhouses.
- Guideline No. (4) of 2022 on the implementation of Law No. (20) of 2021 on the supervisors of agricultural projects in the private sector in the Kurdistan Region of Iraq.
- Guideline No. (5) of 2022 on the implementation of Law No. (16) of 2021 on the production and import of seeds and seedlings and the approval and protection of agricultural varieties in the Kurdistan Region of Iraq.
- Project law on resolving agricultural land excessiveness (currently it is at the Council of Surah for approval).
- Land allocation project law for agricultural projects. (it is in the Council of Ministers for approval).
- Project law on regulation and management of fruit and vegetable markets. (It is in the Council of Ministers for approval).
- Project Guidelines for well drilling. (prepared by the Legal Committee).
- Project guidelines on apiaries. (prepared by the Legal Committee).
- Project guidelines on amending the mushroom project establishment guidelines. (prepared by the Legal Committee).

- Project guidelines on amending the guidelines for the establishment of olive factory projects. (Prepared by the Legal Committee)
- Project Guidelines for the establishment of chemical fertilizers and pesticide factories. (prepared by the Legal Committee)
- Project guidelines on amending the guidelines for the establishment of pharmaceutical and vaccine factory projects. (prepared by the Legal Committee).
- Amendment to Law No. 17 of 1966 amended by Law No. 71 of 2012 on agricultural quarantine, which is currently in the Council of Surah of the Kurdistan Regional.
- Statement No. (1) of 2021 on the extension of decision (611) of 1977.
- Decision No. (1) of 2022 on the import of live animals.
- Regulation of the Ministry of Agriculture and Water Resources, which is currently in the Presidency of the Council of Ministers for approval.
- Law on Regulation and Treatment of pets and stray animals No. (14) of 2022.
- Application of the Agricultural Quarantine Law No. (76) of 2012 which is currently in the Presidency of Kurdistan Parliament for approval and to become a law.

Cases Recorded in the Courts of the Kurdistan Region

Subject	Erbil	Sulaimani	Duhok	Garmian	Halabja
Agricultural Land	130	1000	73	550	50
Land of forestry and rangeland	130	240	140	15	-

Part Fifteen: Important Steps to Develop the Agriculture Sector

1. According to the report of the Investment Board, the investment rate in the agriculture and water resources sector, in general, has increased from (1.8%) to more than (8%), which is the peak of success and investment participation compared to the ministry activities in the previous cabinet.
2. Marketing agricultural products from both plant and animal resources, which annually the Ministry issues an agricultural newspaper on imposing taxes and bans on vegetables, fruits, and animal products to protect domestic products in accordance with Law No. (4).) in 2008 on the Protection and Promotion of Agricultural Products and based on the letter of the Presidency of the Council of Ministers No. 6547 on 22/10/2014 on protecting the domestic products of farmers in the Kurdistan Region.
3. A campaign to support and protect the local products of farmers in the Kurdistan Region to sell them with the help of Kurdistan's social media channels. On the other hand, preparations are underway to open local markets in Duhok, Halabja, and Garmian for farmers to promote and sell their products directly from the farm to these markets. In addition to these activities, the Ministry supports and assists in opening festivals dedicated to agricultural products in the

provinces of the Kurdistan Region such as the (pomegranate festival in Halabja, the grapes and honey festival in Duhok, the honey festival in Sulaimani) to introduce and support local products. Also, establishing mechanisms and conditions for exporting agricultural products to promote and sell local products (fruits and vegetables) of farmers outside of the country.

4. Establishment of agricultural products marketing centers in coordination with the Netherlands, which includes the development of greenhouses for four-season fruits and vegetables, and advanced fruit and vegetable testing laboratories.
5. Opening of the World Horticulture Center (WHC), a center for collective learning, business, product marketing, and agricultural research. 8 different areas in the lands belonging to the General Directorate of Research and Agricultural Extension and General Directorate of Horticulture, Forestry, and Rangelands in provinces and autonomous administrations will be allocated by the ministry for establishing greenhouses in cooperation with the aforementioned center, local and foreign companies. For this purpose, a joint corporation between the ministry, the local private sector, and the main center (WHC) in the Netherlands will be formed, in which 20% of the profits of the project will return to the ministry that will which will help in promoting and diversifying farmers' products for agricultural extension purposes.

6. Resumption of Harir and Sharazoor tomato paste factories. Also, the establishment of the Bitwen sugar beet factory in partnership with the private sector, will create thousands of job opportunities.
7. On the proposal of the Ministry of Agriculture and Water Resources regarding the repayment of agricultural loans, the Council of Ministers decided that the beneficiary farmers can repay these loans in a long-term period and with (15%) exemption.
8. Establishment of border quarantines for animal inspection, disease control, and monitoring of imported products of the agricultural and livestock sectors.
9. Establishment of advanced laboratories for agricultural products in Kurdistan fruit and vegetables, which will support organic products and return 20% of the income to the ministry.
10. Opening of the tissue culture in the Directorate of Production and Approval of Seeds, which has a good role in increasing the production of plants and agricultural varieties free from viruses and all kinds of diseases.
11. Opening of central veterinary laboratory in the Kurdistan Region after renovation in a modern way within the framework of the biological threat reduction program of the US Department of Defense.
12. Preparing a map of agricultural production at the provincial level of the Kurdistan Region.

13. Organizing a joint exhibition and conference on agriculture and livestock products in Erbil under the supervision of the Ministry of Agriculture and Water Resources of the Kurdistan Region and the Ministry of Agriculture of Iraq, with the participation of Kurdish and Iraqi agricultural, livestock, and poultry investment companies.
14. Participation of the Ministry in the **Water for the Future Conference** organized by the German parliament Organization within the framework of the project to focus on water security, mapping, and management in Iraq and the Kurdistan Region.
15. Conducting (5) training courses for (89) farmers in 22 villages of Duhok province in the field of (Sumac cultivation) and making (pomegranate molasses) with the assistance of the United Nations Industrial Development Organization (UNIDO).
16. Opening of three general directorates of agriculture in the autonomous administrations (Raperin - Soran - Zakho) by the Presidency of the Council of Ministers following the proposal of the Ministry of Agriculture and Water Resources.
17. Establishment of the Agriculture Board as one of the most important steps to develop and promote the agriculture and water sector in the Kurdistan Region, which consists of the Prime Minister, Deputy Prime Minister, and several relevant ministries.
18. Establishment of the National Board of Agriculture and Water, to activate the relationship and joint role between the Ministry of

Agriculture and Water Resources and the Ministry of Higher Education and Scientific Research of the Kurdistan Region.

19. Working to identify natural damage caused by floods and rains in order to compensate farmers and owners of livestock projects and issue memorandum for compensation and assistance.
20. Participation of the Ministry representative in the evaluation of (11) agricultural and environmental projects on the development of the agricultural sector, climate, and environmental changes. These projects are supported technically and financially by the Hackson 2050 Group and UNAMI.
21. Conducting a special round table with the participation of the public and private sectors within the framework of the joint program of the advisory committee between our ministry and the Dutch government, in order to identify the obstacles to marketing domestic products, market demand, and acceleration of agricultural sector development in the Kurdistan Region.
22. Opening of the first project (Food City) hydroponics (planting in water) in the form of a multi-span for the production of fruits and vegetables on an area of (24000) square meters of land within the framework of agricultural sector development in coordination with the Ministry of Agriculture and Water Resources and ECO Consult Group.

23. Decision on customs exemption for imports of (chemical fertilizers - pesticides and seeds) in the light of Decision No. (79) of the Council of Ministers, to reduce the cost of grain, especially wheat, barley and other agricultural products and direct support to farmers.
24. Participation of the Ministry in the annual trade and economic meeting organized by the Ukrainian National Committee (ICC) for Iraqi Trade in coordination with the Kurdistan Regional Government and the Ukrainian Group of Companies.
25. Participation of the Ministry in the (14th) annual exhibition of local grapes and honey of the farmers and project owners in Duhok province, where (35) farmers presented samples of (80) types of vineyard products.
26. Delegating administrative and technical powers to the Director Generals of Agriculture in the governorates for the public interest and to serve more farmers, employers and agricultural, livestock and poultry projects.
27. Decision to remove taxes on soybeans and proteins used in the feed preparation to support poultry, livestock and fish projects.
28. Preparation and submission of the investment plan in the agricultural sector for the years 2020-2030 to the Investment Board in order to increase the level of investment in agriculture and promote industry in the Kurdistan Region.

29. Support of the Ministry in the establishment of some important and strategic projects in Simil district / Duhok, which include dairy cow breeding project, dairy products factory, construction of glass and green houses, vegetable production, packaging factory and fruit juice industry.
30. Opening of Kara Group Project as a marketing center for farmers' agricultural products in Erbil.
31. Conducting a series of workshops in agricultural directorates for farmers and employees on water efficiency and conservation through the use of innovative irrigation and drip techniques by ECO Consult Group.
32. The Council of Ministers approved Decision No. (79) on the proposal of the Ministry of Agriculture and Water Resources and then in the joint report of the three Ministries (Agriculture and Water Resources, Finance and Economy, and Interior) decided to provide agricultural equipment and goods in long installments.
33. Participation of the Ministry in the annual international exhibition in Dubai (Expo 2020) in displaying the work and activities of the Kurdistan Region Week. For this purpose, the Ministry had identified four important titles to present to the audience. At the same time, a special committee had been formed at the ministry level to prepare for the exhibition.

34. Distribution and planting of 500,000 pomegranate seedlings as assistance to farmers in the framework of supervising the project of a green and peaceful Kurdistan, by the Deputy Prime Minister of the Kurdistan Regional Government on the proposal of Sazan Pomegranate Company.
35. Opening a modern fruit and vegetable market in the west of Sulaimani as one of the largest strategic projects of investment and marketing of farmers' domestic products and promoting food security, providing job opportunities, economic and trade growth and movement, and development of agricultural industry. It is built on an area of 103 dunams of land implemented by a private company.
36. Allocation of 4,201,000,000 dinars within the framework of the continuous plan for the development and protection of plants and fighting diseases, pests, and weeds (fungi – insect; mugs, grain weevil, broad and narrow leaves weeds) for the planting season 2020 to 2021.
37. Reducing the price of electricity for agricultural projects from 130 dinars to 30 dinars with the assistance of the Ministry of Electricity and emphasizing the continuity of this coordination, especially on these projects (greenhouses, feed factories, slaughterhouses, mushroom factories, eggs and poultry, dairy, olive oil, tomato paste, equestrian club, and food industry).

38. Permanentizing Decision of (171) veterinarians as the staff of the Ministry of Agriculture and Water Resources who had been serving for years on a temporary basis at the veterinary directorates of (Erbil, Duhok, Sulaimani, and Garmian).
39. Conducting the first phase of honoring the services and efforts of (21) journalists and agricultural media workers who have served in the field of development and agricultural media at the general level of the Kurdistan Region.
40. Participation in the opening ceremony of the Awder Cooperation Association for Agricultural Development and Support to Farmers in the Kurdistan Region.
41. Opening of Zom dairy project. It is an important and strategic livestock project for dairy products and the industrialization of milk products in Zharoke village in Mergasur district as the first complete cattle breeding project. The project has opened (20) centers to directly receive milk products from the villagers. It has the ability to produce 50 tons of milk daily.
42. Organizing (Agricultural Field Day) and visiting farm products at the level of research and agricultural extension directorates under the General Directorate of Research and Agricultural Extension of the Ministry.
43. Formation of a high committee to prepare and disseminate guidelines and procedures for conducting awareness campaigns and

fighting the Crimean Congo Hemorrhagic Fever (CCHF) with the participation of representatives of the relevant ministries and departments of the Kurdistan Regional Government.

44. Participation in the announcement ceremony of a work contract between the Vano Group and Dutch Hendrix Group to receive the brand agency (ISA) for the supply of female parent laying hen and distribution in the Kurdistan Region and Iraq.
45. Formation of a joint high committee with the World Food Programme (WFP) to coordinate and prepare the projects of the Ministry according to the criteria of the organization for providing technical and financial support for the projects, and solving problems related to agriculture, poultry, irrigation, and labor of experienced women in rural areas.
46. Participation in the introduction of the project of planting (5000) seedlings and saplings by modernizing Groasis Waterboxx technology under the slogan (Building Resilience to Strengthen Food Security) in Gardarasha Farm in Erbil on an area of (26) dunams of land.
47. Opening of the (Sarchnar) nursery after the renovation and expansion of the production capacity of trees and seedlings in order to green the environment of Sulaimani and the Kurdistan Region, with the support and coordination with the World Food Programme (WFP).

48. Participation of the HE Minister in the 3rd International Water Congress in Baghdad with the participation of representatives of other countries, related to the world water issue, to present the problems of water scarcity and its impact on life and agriculture, and discuss plans and opportunities at the level of Iraq and the Kurdistan Region.
49. Conducting the first meeting of the High Committee of Seeds in the Kurdistan Region in the light of Law No. (16) of 2021 on the production and import of seeds and seedlings, registration, approval, and protection of agricultural varieties in the Kurdistan Region / Iraq.
50. Exporting (100) different brands of domestic products of farmers, factory owners, and projects of the Kurdistan Region to the European market chain through a Kurdish investor to find markets and industrialize the products of the Kurdistan Region.
51. Conducting a joint workshop and coordination with FAO, to integrate the capabilities and opportunities to review food security in Iraq, considering the situation in the Kurdistan Region within the objectives and tasks of the Supreme National Executive Committee for Food Security.
52. Organizing a ceremony for signing a memorandum of understanding between the Ministry of Agriculture and Water Resources and the Green East Land Company for the establishment of a joint institution for investment and development of the agricultural sector.

53. Announcement of the national greening campaign in the Kurdistan Region by providing and planting one million trees and seedlings through the nurseries of the Ministry under the slogan (Fence it with tree). The campaign is conducted continuously at the level of all provinces and autonomous administrations.
54. Opening of the (AGRO TECH), an important and strategic project, by the (NRCO) in coordination company with the UAE Government on an area of (1000) dunams of land that focuses on hydroponic technology, reducing water costs and reviving the agricultural production sector in Zakho autonomous administration. The project will indirectly create job opportunities for about 2,500 people.
55. Opening of seed cleaning factory through Sulaimani General Directorate of Agriculture / Seed Production and Approval Department. This factory has the capacity to clean (10 to 12) tons of wheat, in 2022 the amount of (2130) tons of wheat cleaned in several accredited and registered varieties including (Sulaimani 2, and Cihan 99) and provides valuable support to farmers on the regular seed budget of the Ministry.
56. Solving the problems of (641) farmers in Raperin area through the Presidency of the Council of Ministers, after directing and conveying their problems to there. These farmers for many years had compensation problems.

57. Opening of the (Mirwary Dairy Factory Project) in Kalar/Garmian. It is an important and strategic project of livestock and dairy cow breeding. This project has the ability to breed and rear more than (1000) cows and provides job opportunities (directly and indirectly) for more than 1,500 workers.
58. Signing a memorandum of understanding between the Ministry of Agriculture and Water Resources and Al-Qurtas Islamic Bank to support and provide agricultural loans to farmers and owners of various agricultural ideas and projects by providing the amount of (15 to 100 million) million Iraqi Dinars.
59. Participation of the HE Minister in the first forum and exhibition of investment and economy with the participation of representatives of countries and hundreds of domestic and international companies in Sulaimani in order to provide investment opportunities and create a favorable environment to strengthen the economic infrastructure of the Kurdistan Region.
60. Organizing the first festival of domestic products in the Darwaza park of Ranya District in Raperin Autonomous Administration under the patronage of the General Directorate of Agriculture of Raperin under the slogan (Promoting domestic products and encouraging farmers).



Part Sixteen: Allocated Budget for Services and Projects Implementation

No.	Subject	Directorate	Amount	Letter date	SRID	Letter to the Ministry of Finance	Amount
1.	Nylon and sand supply	Sulaimani Forestry Directorate	28,000,000	6/9/2020		4885	15,000,000
2.	Financial support to 3 farmers	Halabja G. D. of Agriculture	3,000,000	6/9/2020		4888	0
3.	Requirement for Hemorrhagic Fever	G. D. of Animal Wealth & Veterinary	567,845,000	20/9/2020		5314	386,925,000
4.	Gapion barrier for Khabat project	Erbil Irrigation Directorate	44,495,000	21/9/2020		5344	36,910,000
5.	Transportation of tomatoes to the factory	Halabja	66,046,000	23/9/2020		5432	66,046,000
6.	Renovation of the veterinary unit	Garmian Veterinary Directorate	11,870,650	23/9/2020		5434	10,463,670
7.	Pomegranate Festival activities	Halabja G. D. of Agriculture	12,440,000	12/10/2020		5871	10,090,000
8.	Purchase of thermometer and anemometer	Sulaimani G. D. of Agriculture	26,400,000	20/10/2020		6016	26,400,000
9.	Hiring workers	Erbil Irrigation Directorate	7,800,000	20/10/2020		6019	0
10.	Avian Influenza	G. D. of Animal Wealth & Veterinary	100,115,000	26/10/2020		6051	91,435,000
11.	Local products export	G. D. of Divan	14,981,590	26/10/2020		6217	11,000,000

12.	Utensil purchase	Chamchamal Veterinary Center	11,050,000	26/10/2020		6218	0
13.	Pest Surveillance	Duhok G.D. of Agriculture	15,100,000	4/11/2020		6809	10,150,000
14.	Seedlings production	Duhok G.D. of Agriculture	54,850,000	4/11/2020		6410	0
15.	Well drilling	Erbil Forestry Directorate	30,100,000	4/11/2020		6411	29,200,000
16.	Khabat Irrigation Project	Erbil Irrigation Directorate	16,960,000	8/11/2020		6523	16,960,000
17.	Renovation of Degala Water Network	Erbil Forestry Directorate	257,130,500	8/11/2020		6642	257,130,500
18.	Closed Biosurity Fish Project	Erbil Research Directorate	15,000,000	16/11/2020		6796	15,000,000
19.	Laboratory Renovation	Central Veterinary Laboratory	3,080,000	30/11/2020		7138	3,080,000
20.	Dynamo purchase for artesian well	Duhok Research Directorate	2,500,000	30/11/2020		7139	2,500,000
21.	Electricity supply	Sulaimani G. D. of Agriculture	10,549,000	30/11/2020		7150	9,887,700
22.	Renovation of Chwarqurna Extension Unit	Sulaimani G. D. of Agriculture	7,440,000	9/12/2020		7441	4,933,185
23.	Raparin Forestry Police	Sulaimani G. D. of Agriculture	5,000,000	13/12/2020		7484	5,000,000

No.	Subject	Directorate	Amount	Letter date	SRID	Letter to the Ministry of Finance	Amount
1.	Renovation of Chwarqurna agri. extension unit	Sulaimani G. D. of Agriculture	4,933,185	24/1/2021		622	4,933,185
2.	Reconstruction of Sulaimani Groundwater Building	Sulaimani Groundwater	16,262,000	24/1/2021		624	0
3.	Pest control	Garmian Agriculture	450,000	24/1/2021		626	450,000
4.	Cleaning of Ali Mirah ponds project	Garmian Irrigation	115,000,000	24/1/2021		596	92,000,000
5.	Cleaning the Khabat Irrigation Valley	Erbil Irrigation	45,800,000	24/1/2021		597	43,500,000
6.	Hiring of workers & parasite control	Sulaimani Forestry	11,340,000	26/1/2021		676	8,900,000
7.	Financial support for 3 dams	Water reservoirs	15,750,000	26/1/2021		678	15,750,000
8.	Hiring of Workers	Duhok forestry Directorate	133,000,000	26/1/2021		714	0
9.	Hiring of Workers	Garmian Forestry	4,400,000	26/1/2021		715	133,000,000
10.	Provision of guards and workers	Dams	80,300,000	26/1/2021		717	4,400,000
11.	Hiring of workers for Erbil Research	Erbil Research	54,325,000	9/2/2021		985	80,300,000
12.	Fish Campaign	Agricultural Training	31,545,000	9/12/2021		987	41,745,000
13.	Purchase of fuel	Duhok Forestry	2,700,000	14/2/2021		1069	0

14.	Surveillance of pests	Duhok G. D. of Agriculture	29,575,000	14/2/2021		1070	0
15.	Purchase of goods	Halabja G. D. of Agriculture	12,000,000	14/2/2021		1077	15,640,000
16.	Hiring of Workers	Sulaimani G. D. of Agriculture	80,576,000	14/2/2021		1081	0
17.	Renovation of the Water Resources Directorate Building	Water Resources	99,800,000	15/2/2021		1092	76,726,000
18.	Avian influenza	Animal Wealth & Veterinary	108,000,000	18/02/2021		1202	0
19.	Hiring of workers for plant grafting	Agricultural Training	4,700,000	01/03/2021		1487	81,000,000
20.	Fuel supply to ban fishing	Halabja G. D. of Agriculture	10,855,000	8/3/2021	2676	1713	3,325,000
21.	Fish fingerlings production	Duhok G. D. of Agriculture	10,000,000	19/3/2021	1932	1833	10,855,000
22.	Fuel supply to ban fishing	Sulaimani G. D. of Agriculture	75,000,000	15/3/2021	2803	1834	10,000,000
23.	Hiring of Workers	Garmian Forestry	10,000,000	5/4/2021	2976	2103	36,000,000
24.	Providing chemical fertilizers	Erbil Research	2,000,000	5/4/2021	2972	2126	10,000,000
25.	Balajo building project	Garmian Irrigation	2,942,000	5/4/2021	2967	2127	2,000,000
26.	Electricity cable pulling	Koya Irrigation	52,120,000	7/4/2021	2807	2172	0
27.	Deep well drilling	Sulaimani G. D. of Agriculture	24,480,000	7/4/2021	3089	2175	0
28.	Ministry server transfer	G. D. of Divan	4,905,000	13/4/2021	3081	2319	23,480,000
29.	Kifri veterinary requirements	Garmian Veterinary	71,580,000	26/4/2021	3297	2635	18,015,000

30.	Renovation of Divan building	G. D. of Divan	800,000	2/5/2021	3390	2822	58,300,000
31.	Reconstruction of water stream	Garmian Irrigation	53,766,000	4/5/2021	3553	2892	34,299,000
32.	Sheikh Langar district project renovation	Garmian Irrigation	32,362,600	4/5/2021	3555	2893	48,616,000
33.	Renovation of Balajo irrigation canal	Garmian Irrigation	12,875,000	4/5/2021	3746	2894	32,362,600
34.	Renovation of Balajo irrigation canal	Garmian Irrigation	2,942,000	4/5/2021	3752	2895	11,845,000
35.	Electricity cable pulling	Koya Irrigation	40,000	10/5/2021	3778	3092	2,942,000
36.	Supply of drip irrigation system	Garmian Forestry	9,134,250	11/5/2021	3951	3111	40,000
37.	Fuel supply to ban fishing	Animal Wealth and Veterinary	109,375,000	17/5/2021	3967	3280	10,152,500
38.	Worker hiring	Erbil Forestry	3,534,000	17/5/2021	3955	3232	9,486,250
39.	Accumulated pension budget	Chamchamal Agriculture	30,210,000	19/5/2021	4060	3338	3,534,000
40.	Refrigerated cabinet renovation	Erbil Agriculture	2,242,500	23/5/2021	3869	3367	30,210,000
41.	Renovation of fruit and vegetables market	Erbil Agriculture	5,000,000	23/5/2021	4212	3369	3,410,000
42.	Fingerlings purchase	Duhok Agriculture	7,655,000	25/5/2021	4226	3467	10,855,000
43.	Construction of Bakrajo cabinet	Sulaimani Agriculture	92,000,000	25/5/2021	4215	3469	6,380,000
44.	Hasan Kanoosh Dam renovation	Dams	75,900,000	27/5/2021	4406	3564	89,000,000
45.	Reconstruction of Degala dam	Dams	14,570,000	27/5/2021	4399	3566	69,900,000
46.	Resolving land issues	Halabja Agriculture	50,234,800	31/5/2021	4399	3637	4,290,000

47.	Birade Village Irrigation movement	Sulaimani Irrigation	12,000,000	31/5/2021	4372	3638	50,234,800
48.	Deep well in Hamamok	Koya Irrigation	9,019,750	31/5/2021	4393	3639	12,000,000
49.	Purchase and registration of land	Divan	12,000,000	13/6/2021	3792	3855	15,172,000
50.	Construction of refinery building	Garmian Forestry	800,000	13/6/2021	4496	3860	0
51.	Purchase and distribution of fingerlings	Duhok Agriculture	23,308,900	14/6/2021	4486	3876	0
52.	Construction of Sairanban border cabinet	Sulaimani Agriculture	6,830,000	15/6/2021	4526	3939	23,308,900
53.	Sairanban requirement purchasing	Sulaimani Agriculture	8,100,000	16/6/2021	4524	3941	6,830,000
54.	Khabat irrigation project	Erbil Irrigation	35,090,000	23/8/2021	4529	4189	0
55.	Renovation of water tanks	Erbil Irrigation	1,800,000	23/6/2021	4243	4190	0
56.	Transformer restoration	Erbil Research	615,000	23/6/2021	4646	4191	0
57.	Building Renovation	Sulaimani Agriculture	26,315,000	29/6/2021	4817	4393	31,178,250
58.	Artesian well drilling	Sulaimani Agriculture	24,694,000	29/6/2021	4808	4293	26,315,000
59.	Car Repair	Duhok Horticulture	23,400,000	30/6/2021	4517	4361	55,820,000
60.	Hiring of Workers	Halabja Agriculture	60,271,480	5/7/2021	4813	4522	0
61.	Fence construction in Betwen	Sulaimani Agriculture	4,450,000	6/7/2021	4917	4564	60,271,480
62.	Hiring workers for nurseries	Garmian Agriculture	125,000,000	7/7/2021	4911	4643	40,000,000
63.	Hiring workers for nurseries	Erbil Agriculture	21,850,000	7/7/2021	4649	4657	125,000,000

64.	Requirement supply	Sulaimani Forestry	390,000,000	7/7/2021	4899	4654	21,850,000
65.	Hiring workers for nurseries	Erbil Forestry	299,000,000	7/7/2021	4914	4656	390,000,000
66.	Hiring workers for nurseries	Duhok Forestry	90,000,000	7/7/2021	4913	4648	299,000,000
67.	Hiring workers for nurseries	Duhok Agriculture	152,000,000	7/7/2021	4915	4655	90,000,000
68.	Hiring workers for nurseries	Halabja Agriculture	120,000,000	7/7/2021	5133	4651	152,000,000
69.	Hiring workers for nurseries	Sulaimani Agriculture	400,000,000	7/7/2021	5137	4650	120,000,000
70.	Hiring workers for nurseries	Sulaimani Forestry	133,000,000	7/7/2021	5571	4652	400,000,000
71.	Hiring workers for nurseries	Garmian Forestry	21,300,000	7/7/2021	5522	4653	133,000,000
72.	Seedling grafting	Sulaimani Agriculture	4,150,000	11/7/2021	5697	4734	21,300,000
73.	Restoration of the flower nursery basin	Erbil Agriculture	20,355,000	25/7/2021	5655	4910	1,540,000
74.	Rehabilitation of part of Dukan Dam	Dukan Dam	40,000,000	28/7/2021	5810	5070	20,355,000
75.	Supply of dipping system	Garmian Forestry	99,552,000	28/7/2021	5815	5072	40,000,000
76.	Supply of laboratory items	Laboratory	4,290,000	27/7/2021	5819	5047	99,552,000
77.	Dukan Dam	Dukan Dam	150,000	11/8/2021	5987	5506	22,294,250
78.	Purchase of laboratoty tools	Halabja Agriculture	10,400,000	24/8/2021	5997	5843	28,550,000
79.	Computer and printer	Erbil Underground Water	15,916,650	24/8/2021	5776	5845	8,940,000
80.	Transfer of 38 well drilling equipment	Sulaimani Underground Water	598,125	25/8/2021	6087	5887	11,365,000
81.	Supply of anthrax requirement	Duhok Veterinary	675,250,000	31/8/2021	5983	6022	14,180,000

82.	Fighting hemorrhagic fever	Animal Wealth and Veterinary	15,275,248	31/8/2021	6263	6028	653,100,000
83.	Drawing water from the well	Erbil Forestry	34,010,000	8/9/2021	5992	6351	27,400,000
84.	Set up pf 2 caravan cars	Erbil Forestry	200,000	8/9/2021	6219	6350	2,922,851
85.	Construction of a water basin	Sulaimani Agriculture	4,060,000	12/9/2021	6216	6424	200,000
86.	Building Renovation	Water Resources	28,682,500	13/10/2021	6248	6473	76,726,000
87.	Dukan dam safety assessment	Dukan Dam	15,300,000	16/9/2021	6223	6635	28,682,500
88.	Survey of pests	Duhok Agriculture	14,975,880	19/9/2021	6378	6678	15,300,000
89.	Installation of electrical transformers	Halabja	22,773,000	19/9/2021	6341	6676	14,975,880
90.	Monthly wage for Ms. Sakar	Agricultural Training	38,695,000	22/9/2021	5674	6824	450,000
91.	Purchase of special equipment for creating identity cards	Divan	2,400,000	23/9/2021	6381	6833	37,710,000
92.	Electronic documentation system	Divan	12,501,934	17/10/2021	6385	7256	15,004,000
93.	Electricity supply and transformer of.Hizopi Dam	Dams	828,000	17/10/2021	6802	7257	11,769,759
94.	.water abstraction to B.arey Bchuk Vi.llage	Sulaimani Irrigation	24,615,000	19/10/2021	6716	7267	47,475,000
95.	Barzawa Nursery supplies purchase	Erbil Forestry	10,897,000	26/10/2021	7335	7469	10,835,000

96.	Maydan Agriculture renovation	Kalar Agriculture	24,750,000	26/10/2021	7496	7471	16,555,000
97.	Supply of nylon and sand	Erbil Forestry	3,393,000	27/10/2021	7424	7515	15,500,000
98.	Supply of hose pipe to Warin village	Erbil Irrigation	92,457,000	27/10/2021	7373	7496	3,393,000
99.	Construction of concrete tank to Marga village	Sulaimani Irrigation	19,000,000	27/10/2021	7563	7497	92,457,000
100.	Supply of pipes to Betwata sub-district	Sulaimani Irrigation	93,640,000	27/10/2021	7590	7498	19,000,000
101.	Drilling of 2 deep wells for Marga village	Sulaimani Underground Water	82,077,000	27/10/2021	7583	7499	93,640,000
102.	Drilling of deep well for Mr. Tahsin Ibrahim	Erbil Underground Water	19,000,000	28/10/2021	7690	7555	82,077,000
103.	Renovation of Saruchawa dam	Sulaimani Irrigation	17,080,000	1/11/2021	7694	7600	19,000,000
104.	Purchase of animal, poultry, and fish feed	Erbil Research	12,741,000	1/11/2021	7731	7601	12,810,000
105.	Renovation of veterinary building	Animal Wealth & Veterinary	33,300,000	2/11/2021	7578	7645	11,776,000
106.	Purchase of printing equipment	Printing house	18,951,000	27/10/2021	7911	7595	33,300,000
107.	Supply of database service	Sulaimani Agriculture	79,000,000	3/11/2021	8024	7677	18,951,000
108.	Survey of 5 ponds	Erbil Irrigation	7,400,000	7/11/2021	8046	7716	79,000,000
109.	Purchase of laboratory equipment	Laboratory	62,277,000	14/11/2021	8011	7895	11,265,000
110.	Purchase of laboratory equipment	Laboratory	66,950,000	14/11/2021	8305	7896	62,277,000

111.	Irrigation machine repair	Duhok Irrigation	13,032,000	17/11/2021	8418	8026	60,290,000
112.	Installation of surveillance cameras	Halabja	5,400,000	23/11/2021	8188	8189	24,850,000
113.	Restoration of refrigerated warehouse	Erbil Agriculture	34,680,000	2/12/2021	8491	8502	20,400,000
114.	Deep well drilling for Koko village	Sulaimani Underground Water	750,000	5/12/2021	8675	8516	49,450,000
115.	Incentive for Duhok Dam employees	Duhok Dam	375,000	6/12/2021	8755	8539	33,000,000
116.	White Insect control in Akre	Duhok Agriculture	10,150,000	5/12/2021	8730	8523	50,381,000
					8688		5,209,621,205

No.	Subject	Directorate	Amount	Letter date	SRID	Letter to the Ministry of Finance	Amount
117.	Remuneration expense for Duhok dam	Duhok Dam	33,000,000	315 16/1/2022	9011	315	33,000,000
118.	Hiring of Workers	Sulaimani Forestry	400,000,000	331 16/1/2022	9012	331	400,000,000
119.	Hiring of Workers	Garmian Forestry	133,000,000	332 16/1/2022	8675	332	133,000,000
120.	Hiring of Workers	Garmian Agriculture	40,000,000	333 16/1/2022	8985	333	40,000,000
121.	Hiring of Workers	Halabja Agriculture	152,000,000	334 16/1/2022	8982	334	152,000,000
122.	Hiring of Workers	Sulaimani Agriculture	120,000,000	335 16/1/2022	8966	335	120,000,000
123.	Hiring of Workers	Duhok Agriculture	90,000,000	336 16/1/2022	8975	336	90,000,000
124.	Hiring of Workers	Duhok Forestry	299,000,000	337 16/1/2022	8977	337	29,000,000
125.	Hiring of 11 Workers	Erbil Research	80,300,000	338 16/1/2022	8671	338	80,300,000
126.	Hiring of 15 Workers	Agricultural Training	81,000,000	339 16/1/2022	9302	339	81,000,000
127.	Hiring of Workers	Erbil Forestry	390,000,000	340 16/1/2022	9444	340	390,000,000
128.	Hiring of Workers	Erbil Agriculture	125,000,000	341 16/1/2022	10073	341	125,000,000
129.	Remuneration expense for Darbandikhandam	Darbandikhan Dam	72,000,000	348 16/1/2022	10691	348	72,000,000
130.	Remuneration expense for Dukan dam	Dukan Dam	84,000,000	349 16/1/2022		349	84,000,000
131.	Renewal of 2 workers contracts	Halabja Agriculture	300,000	381 18/1/2022		381	300,000
132.	Survey of pests	Duhok Agriculture	360,000,000	413 18/1/2022		413	0
133.	Equipment purchase for	Erbil Forestry	39,250,000	534 25/1/2022		534	0

	Barzewa & Koya Nurseries						
134.	Bag preparation and seedling production	Garmian Forestry	16,550,000	678 31/1/2022		678	1,250,000
135.	Supply of plastics bags and sand	Sulaimani Forestry	15,500,000	799 2/2/2022		799	15,500,000
136.	Fuel supply	Sulaimani Forestry	20,000,000	850 6/2/2022		850	0
137.	Forest drying out treatment	Sulaimani Forestry	70,812,500	904 7/2/2022		904	40,475,000
138.	Construction of a model date orchard	Garmian Agriculture	69,610,000	1241 20/2/2022		1241	0
139.	Drilling wells for fish project	Agricultural Training	50,200,000	1257 20/2/2022		1257	46,850,000
140.	Fuel purchase	Duhok Forestry	74,112,000	1258 20/2/2022		1258	0
141.	Fingerling production	Agricultural Training	49,770,000	1353 22/2/2022		1353	42,190,000
142.	Rent of drilling equipment	Sulaimani Underground Water	2,500,000	1453 27/2/2022		1453	2,500,000
143.	Provision of guards and workers	G. D. of Dams	52,800,000	1521 28/2/2022		1521	52,800,000
144.	Fuel supply	Duhok Research	14,426,000	1642 2/3/2022		1642	86,300,000
145.	Fuel supply to ban fishing	Halabja Agriculture	5,750,000	1649 3/3/2022		1649	4,075,000
146.	Fuel supply to ban fishing	G. D. of Veterinary	9,800,000	1670 3/3/2022		1670	0
147.	Sinamoka Irrigation Canal project	Sulaimani Irrigation	100,809,500	8/3/2022		1740	0
148.	Seedling Production warehouse renovation	Erbil Agriculture	5,875,000	10/3/2022		1785	0
149.	Changing the statemnt of water measurement construction	Erbil Irrigation	29,915,000	15/3/2022		1899	0

150.	Establishment of plant and fertilizer laboratory	Erbil Research	237,750,000	30/03/2022		2049	237,750,000
151.	Fuel supply to Sulaimani police	Sulaimani Agriculture	10,125,000	12/04/2022		2384	0
152.	Pesticide purchase	Erbil Agriculture	1,700,000,000	12/04/2022		2466	0
153.	Water drawing to Barey Bchuk village	Sulaimani Irrigation	47,431,500	14/04/2022		2472	0
154.	Pesticide purchase	Garmian Agriculture	3,500,000	14/04/2022		2473	330,000,000
155.	Pesticide purchase	Sulaimani Agriculture	800,000,000	14/04/2022		2475	365,000,000
156.	Pesticide purchase	Halabja Agriculture	381,000,000	14/04/2022		2476	381,000,000
157.	Pesticide purchase	Duhok Agriculture	970,000,000	14/04/2022		2478	0
158.	Shiwasur Canal Cleaning Project	Erbil Irrigation	87,997,500	26/04/2022		2703	0
159.	Qul Qula village cleaning project		219,600,000				
160.	Razdoo Irrigation Project in Qasr District	Erbil Irrigation	182,610,000				
161.	Khabat main kanal cleaning project	Erbil Irrigation	198,000,000				
162.	Shiwasur Canal Cleaning Project	Erbil Irrigation	87,988,000				
163.	Irrigation canal and pond cleaning project	Sulaimani Irrigation	202,000,000				
164.	Research and mapping of (5) bunds	Sulaimani Irrigation	68,000,000				
165.	Wall construction of Khalkhalan project		188,800,000				

166.	Irrigation canal and pond cleaning project in Erbil		175,000,000				
167.	Deep well drilling for the shrine of Sheikh Hessam al-Din		75,380,000				
168.	Construction of irrigation stream in the village Sharush in Pishdar district		87,145,000				
169.	Construction of park and renovation of warehouse room		73,800,000				
170.	New Erbil Canal Cleaning Project		93,242,000				
171.	Flood control in Garmian region		172,800,000				
			9,149,449,000				3,435,290,000

No.	Subject	Directory	Amount	Letter date	SRID	letter to the Ministry of Finance	Amount
172.	Purchase of weather forecast supplies	Sulaimani Agriculture	7960000.0	6/19/2022		3889	79600000
173.	Purchasing GPS device	Koya Irrigation	1095200.0	22/6		4071	10952000
174.	Purchase of dam equipment	Divan	1396000.0	23/6		4078	13960000
175.	Room renovation	Divan	7654000.	23/6		4079	7654000
176.	Car purchase for Mr. Hawlkawt Abdullah	Divan	11213300.0	26/6		4127	112133000
177.	Car purchase for Mr. Pshtiwan Ahmed	Divan	112133300.0	26/6		4128	96865250
178.	Drilling alternative wells	Research Directorate	45795000.	26/6		4160	45795000
179.	Fuel purchase	Duhok Forestry	67182000.	6/26/2022		4167	11750000
180.	Pond cleaning	Sulaimani Irrigation	20200000.	6/28/2022		4241	20200000
181.	Pond cleaning in Qulqula	Koya Irrigation	219600000.	28/6		4242	219600000
182.	Pond cleaning	Erbil Irrigation	17500000.	6/28/2022		4243	1585000000
183.	Cabinet purchase	Garmian Forestry	4000000.	29/6		4277	4000000
184.	House renting for G.D.	Animal Wealth & veterinary	17400000.	29/6		4278	17400000
185.	Sharush village Canal construction	Sulaimani Irrigation	86145000.	6/26/2022		4169	86145000
186.	Delegation of ministry consultant	Divan	44135000.	27/6		4176	4332500
187.	Doubl car pickup purchase	Sulaimani Agriculture	49766000.	6/26/2022		4151	51177000

188.	Doubl car pickup purchase	Garmian Veterinary	49766000.	6/26/2022		4152	49766000
189.	Doubl car pickup purchase	Erbil Irrigation	59000000.	6/26/2022		4153	55010000
190.	Survey of 5 ponds	Sulaimani Irrigation	6800000.	6/26/2022		4159	68000000
191.	Khabat Irrigation Canal cleaning	Erbil Irrigation	19800000.	6/26/2022		4161	16000000
192.	Study and mapping of 25 ponds	Erbil Irrigation	39500000.	6/26/2022		4162	395000000
193.	Hotel booking for Mr. Pshtiwan	Divan	1620000.	6/29/2022		4296	1620000
194.	Mr. Pshtiwan's grant	Divan	7000000.	6/29/2022		4297	7000000
195.	Mr. Halkawt's grant	Divan	7000000.	6/29/2022		4298	7000000
196.	Car purchase for Mr. Ahmed Jamil	Duhok Agriculture	1109215.	30/6		4341	1109215
197.	Qirkh Irrigation project	Sulaimani Irrigation	99961500.	3/7		4373	99961500
198.	Kosawa Irrigation project	Sulaimani Irrigation	92763000.	7/3/2022		4374	92763000
199.	Duhok dam renovation	Duhok Dam	44193000.	4/7/2022		4424	44193000
200.	Flood control in Koya	Erbil Irrigation	35960000.	6/30/2022		4314	35960000
201.	Car purchase for Agr. Land G. D.	Divan	110921500.	5/7/2022		4440	110921500
202.	Deputy Minister delegation to Iran	Divan	2610000.	7/7/2022		4563	2610000
203.	Printing device purchase	Divan	99750000.	6/30/2022		4342	68000000
204.	Car purchase for Ms. Bekhal	Divan	71620000	6/7/2022		4465	71620000
205.	Car purchase	G. D. of Veterinary	71620000	6/7/2022		4446	50040000
206.	Reception renovation	Divan	2615000	20/7		4671	2615000
207.	Khabat project cleaning	Erbil Irrigation	8700000	21/7		4701	20%

208.	Flood control in Erbil	Erbil Irrigation	97200000	7/24/2022		4786	97200000
209.	Flood control in Duhok	Duhok Irrigation	98200000	7/24/2022		4768	98200000
210.	Car purchase	G. D. of Veterinary	110921500	7/24/2022		4769	110921500
211.	Car purchase	Dams	110921500	7/24/2022		4770	110921500
212.	Car purchase for G. D. of Planning	Divan	110921500	7/24/2022		4771	96865250
213.	Construction of honey laboratory	Divan	652884500	7/25/2022		4809	635317500
214.	Car purchase	Sulaimani Agriculture	110921500	25/7		4810	110921500
215.	Organizing of	Divan	43098250	7/31/2022		4958	43098250
216.	Humail village irrigation project	Garmian Irrigation	295691000	7/31/2022		4962	263570000
217.	Car purchase for G. D. of Research & Agri. Extension	Divan	110921500	7/31/2022		4947	110921500
218.	Car purchase	Duhok Underground Water	71620000	3/8/2022		5072	71620000
219.	Car purchase	Erbil Underground Water	71620000	7/8/2022		5135	71620000
220..	Sapling production	Erbil Forestry	10470000	2/8/2022		5043	10470000
221.	Ranya hall renovation	Sulaimani Veterinary	99701750	7/8/2022		5134	99701750
222.	Raparin agricultural festival conduction	Raparin Agriculture	2950000	14/8/2022		5280	2190000
223.	Car purchase (Prado)	Erbil Irrigation	73121000	15/8/2022		5322	73121000
224.	Water and electricity line pulling	Dams	42037107	15/8/2022		5296	41527107
225.	Water Resources Conservation Awareness Campaign	G. D. of Water Resources	25200000	8/16/2022		5348	25200000

226.	Drilling alternative wells fo Fish Fingerling Project	Agricultural Training	15200000	18/8/2022		5438	10850000
227.	Engineering renovation of Gomatal Small Dam	Dams	34880000	22/8		5514	34880000
228.	Chami Smur dam renovation	Dams	76800000	22/8		5528	76800000
229.	Degala dam renovation	Dams	148400000	22/8		559	148400000
230.	Awaspı dam renovation		188500000	22/8		5530	188500000
231.	Bawashaswar dam renovation		134500000	22/8		5531	134500000
232.	Harawa dam renovation		118300000	22/8		5532	118300000
233.	Kashkan dam renovation		76500000	22/8		5533	76500000
234.	Jali dam renovation		69400000	22/8		5534	69400000
235.	Hasan Kanus dam renovation		122500000	22/8		5535	122500000
236.	Hashazini dam renovation		116800000	22/8		5536	116800000
237.	Hamamok renovation		71650000	22/8		5537	71650000
238.	Qadir Karam dam renovation		126900000	22/8		5538	126900000
239.	Fllod control in Garmian	Garmian Irrigation	30560000	8/25/2022		5645	30560000
240.	Dam worker and guard wages	Dams	70200000	8/25/2022		5675	17550000
241.	Salary difference	Dams	92980306	8/31/2022		5791	92980306
242.	Renovation of Bani Maqan Dam	Sulaimani Irrigation	998111250	8/31/2022		5783	93457500
243.	Car repair	Agricultural Training	17115000	7/9/2022		5969	14690000
244.	Printing device purchase	Divan	3000000	4/9		5869	30000000

245.	Sarkan Qasre Dam Project	Erbil Irrigation	60785450	7/9		5993	55635450
246.	Airport generator maintenance	Divan	1835000	8/9		6005	1835000
247.	Hiran district hose pipe pulling	Erbil Irrigation	21578500	9/11/2022		6018	21578500
248.	Fighting drought in Mergasur	Erbil Irrigation	79825000	9/11/2022		6068	79825000
249.	Airport street	Divan	120880000	9/11/2022		6069	120880000
250.	Siaw pond cleaning	Erbil Irrigation	17500000	9/11/2022		6070	172500000
251.	Mergasur building renovation	Erbil Agriculture	2179000	9/12/2022		6105	2179000
252.	CCTV maintenance	Divan	5100000	9/12/2022		6133	5100000
253.	Halabja pomegranate festival	Halabja Agriculture	30851250	9/18/2022		6259	25076250
254.	Laptop and scanner purchase	Divan	2250000	9/22/2022		6225	2250000
255.	Computer purchase	Divan	9452000	9/25/2022		6471	5526000
256.	Sarwchawa dam renovation	Dams	70250000	22/9		6470	70250000
257.	Building renovation	Duhok Irrigation	77898900	15/9		6229	77898900
258.	Natural trail cleaning	Erbil Irrigation	900674500	9/26/2022		6521	882593750
259.	Diver device purchase	Garmian Forestry	1550000	9/27/2022		6600	1550000
260.	Pesticide purchase	Sulaimani Agriculture	80000000	25/9		6511	80000000
261.	Pesticide purchase	Erbil Agriculture	17000000	9/25/2022		6511	170000000
262.	Pesticide purchase	Garmian Agriculture	349944000				349944000
263.	Pesticide purchase	Duhok Agriculture	969937500				969937500
264.	Pesticide purchase	Halabja Agriculture	380980000				380980000
265.	Honorarium – effects of lawyer (Akram Ahmed)	Divan	375,000	4/10		6676	375000

266.	Honorarium – effects of .lawyer (Twana .Khalid)	Divan	375,000	4/10		6677	375000
267.	Honorarium – effects of lawyer (Kamal Rahman)	Divan	375,000	4/10		6678	375000
268.	Kurdish and Australian Sheep Breeding Project	Erbil Research	22715000	4/10		6679	22715000
269.	Direction of a film on Halabja pomegranate	Halabja Agriculture	7000000	4/10		6680	640000
270.	Construction of two rooms Bani Maqan checkpoint	Sulaimani Agriculture	26722000	4/10		6720	26416410
271.	Repair of two shovels	Erbil Forestry	10500000	5/10		6767	9050000
272.	Location construction for Australian sheep	Erbil Research	47250000	5/10		6768	47250000
273.	Installation of running water device	Sulaimani Irrigation	78218400	9/10		6841	78218400
274.	Equipment purchase	Erbil Underground Water	29860500	11/10		6896	29860500
275.	Sraw Village Pond mapping	Sulaimani Irrigation	2000000	11/10		6922	20000000
276.	Regulation of the water network Degala forest	Erbil Forestry	27671000	12/10		6944	27671000
277.	Assisting an exemplary farmer	Divan	5038750	10/17/2022		7113	5038750
278.	Gomaspan irrigation project	Erbil Irrigation	9800000	10/12/2022		6970	98000000
279.	Irrigation project design	Erbil Irrigation	32200000	19/10		7203	32200000
280.	Car purchase	Sulaimani Agriculture	53280000	10/19/2022		7154	53280000
281.	Restoration of Khabat main canal	Erbil Irrigation	19570000	10/24/2022		7271	1862500

282.	Plastic pipes for Bosken village	Sulaimani Irrigation	53486300	10/25/2022		7290	53486300
283.	Abroad delegation	Dams and Water Reservoirs	4219500	30/10		7426	4219500
284.	Car purchase	Sulaimani Irrigation	53200000	30/10		7432	53200000
285.	Chrustana irrigation project	Sulaimani Irrigation	108095300	30/10		7405	99170000
286.	Balakho canal engineering restoration	Garmian Irrigation	348557150	10/31/2022		7451	348557150
287.	Car purchase (Hilux)	Erbil Forestry	10235000			7477	10235000
288.	Laboratory equipment purchase	Central Laboratory	32762007000	31/10		7478	32762007000
289.	Flood control (80% final)	Garmian Irrigation	143424000	10/31/2022		7479	138240000
290.	Equipment supply	Raparin Agriculture	12455000	11/3/2022		7592	12455000
291.	Maintenance	Garmian Irrigation	647010000	11/3/2022		7612	647010000
292.	Tire purchase	Sulaimani Forestry	12826000	11/6/2022		7642	12836000
293.	First advance for Barbian barrier reef	Irrigation	31700000	7/11/		7730	31700000
294.	Equipment purchase	Ranya Agriculture	71160000	11/8/2022		7750	71160000
295.	Warehouse room construction	Sulaimani Irrigation	73800000	8/11		7751	73800000
296.	Drone purchase	Erbil Irrigation	29915000	9/11/2022		7794	26000000
297.	Spring survey in Soran engineering area	Erbil Irrigation	1500000	11/13/2022		7895	15000000
298.	Bngrd- Qasre irrigation projects		26920000	11/13/2022		7896	26920000
299.	Car repair	Garmian Irrigation	2431000			7869	2431000

300.	Sul Company compensation	Divan	274925000	10/11/2022		8765	274925000
301.	Equipment purchase	Dams	22611000	11/14/2022		7948	20375000
302.	Supply of equipment	Soran Agriculture	94515000	11/17/2022		8035	94515000
303.	Survey and design of 5 ponds	Garmian Irrigation	1001000	11/20		8089	1001000
304.	Purchase of kerosene	Erbil Forestry	10296000	11/20/2022		8100	10296000
305.	Apartment rent- G. D. of Horticulture	Divan	6816000	11/20		8116	6816000
306.	Chalkan irrigation project	Sulaimani Irrigation	55375000	11/24/2022		8292	48348000
307.	Provision of servers and archives	Dam and Water Reservoirs	7100000	11/24/2022		8293	71000000
308.	Purchase of supplies – PCR unit	Garmian Veterinary	4000000	11/27/2022		8341	38500000
309.	Hiring of workers	Sulaimani Forestry	350,000	11/28/2022		8373	350000
310.	Delegation expenses	Sulaimani Agriculture	4785000	11/28/2022		8374	4785000
311.	Fuel supply	Sulaimani Agriculture	11250000	12/5/2022		8527	11250000
312.	Supply of kerosene	Erbil Agriculture	14160000	6/12		8534	4850000
313.	Car repair	Divan	3620000	6/12/2022		8535	3620000
314.	Honorarium-efforts of lawyer (Ghazi Ghazalo	Divan	375,000	7/12/2022		8608	375000
315.	Abroad delegation	Erbil Agriculture	783000	12/13/2022		8767	783000
316.	Purchase of groundwater equipment	Erbil Underground Water	29860000	11/12/2022		875	29860000
317.	2022 expenses	Kalar Agriculture	4747750	1/22/2023		435	4697750
318.	Hiring of workers	Divan	28800000	1/22/2023		436	28800000
319.	2022 expenses	Sulaimani Agriculture	8680500	1/22/2023		437	8680500

320.	Honorarium-efforts of lawyer (Farhad Akram Aziz)	Divan	375,000	1/22		438	375000
321.	Fuel for the Excessiveness Committee	Divan	14400000	1/22		440	14400000
322.	Honorarium-efforts of lawyer (Ghazi Ezzeddin Abdullah)	Divan	375,000	1/22		442	375000
323.	Vaccine purchase	G. D. of Veterinary	522500000	1/23		481	522500000
324.	Worker daily wages	Divan	23040000	1/22		439	23040000
325.	Hiring of 11 workers	Erbil Research	79200000	1/23		493	79200000
326.	Salary difference-Nawzad Jameel	Duhok Irrigation	10212906	1/25		548	10067050
327.	Salary difference-Khalifan veterinary	Erbil Veterinary	92616000	1/25		549	92616000
328.	Fingerlings production	Agricultural Training	71620000	1/25		551	61040000
329.	Equipment purchase	Sulaimani Veterinary	6745000	1/25		552	6535000
330.	15 workers daily wages	Agricultural Training	10800000	1/26		588	108000000
331.	Hiring of 15 workers	Sulaimani Research	10800000	1/26		589	108000000
332.	incentive for employees	Darbandikhan Dam	7200000	1/26		619	72000000
333.	Apartment rent	Dams and Water Reservoirs	1480000	1/26/2023		620	1480000
334.	Car renting	Divan	6600000	1/26		621	6600000
335.	Car renting	Agricultural Training	7200000	1/25		550	72000000
336.	Car renting	Water Resources	28800000	1/30/2023		706	28800000
337.	Car renting	Erbil Research	47400000	31/1		748	47400000

338.	Car renting	G. D. of Veterinary	19200000	1/31/2023		747	19200000
339.	Allowance difference (Mahdi Mubarak)	Divan	21680000	1/31/2023		748	21680000
340.	UAE delegation-Rabar	G. D. of Veterinary	1305000	31/1		749	1305000
341.	Hiring of 5 workers	Erbil Agriculture	1800000	31/1		750	1800000
342.	Incentives for Duhok dam employees	Duhok Agriculture	3300000	1/2/2023		787	3300000
343.	Renting of 11 cars	Chamchamal Agriculture	92100000	5/2		825	85200000
344.	Hiring of 2 employees	Halabja Agriculture	7200000	5/2		826	7200000
345.	Renting of 3 cars	Water Resources	2700000	5/2		827	2700000
346.	Incentives for Dukan dam	Dukan Dam	8400000	5/2		828	8400000
347.	Renting of 2 cars	Sulaimani Agriculture	14400000	5/2		829	14400000
348.	Renting of 13 cars	Erbil Agriculture	93600000	6/2		838	93600000
349.	Car purchase	Zakho Agriculture	110880000	2/2		851	110880000
350.	Khabat canal cleaning	Erbil Irrigation	97740000	13/2		937	97740000
351.	Car repair	Divan	4285000	13/2		963	4285000
352.	Renting of cars	Garmian Forestry	3600000	13/2		964	3600000
353.	Renting of cars	Garmian Underground Water	10200000	13/2		965	6000000
354.	Renti a house in Al-Qush	Duhok Agriculture	3480000	2/16/2023		1083	3480000
355.	Renting of cars	Agricultural Training	7200000			551	7200000
356.	Pest control	Duhok Agriculture	1660000	2/16/2023		1084	1660000

357.	The second advance for flood	Erbil Irrigation	78250000	2/21/2023		1179	78250000
358.	Renting of 3 cars	Erbil Forestry	20940000	15/2		1005	20940000
359.	Land compensation	Sulaimani Agriculture	75204000	20/2		1135	75204000
360.	Changing of CCTV	Divan	10500000	2/22/2023		1234	10000000
361.	Requirements of IT department	Divan	5378000	2/23/2023		1257	4860500
362.	Kornish trail cleaning	Erbil Irrigation	9600000	26/2		1281	90000000
363.	Renting of cars	Garmian Agriculture	23400000	26/2		1282	23400000
364.	Vaccine purchase	Sulaimani Veterinary	353584000	2/27/2023		1337	353584000
365.	Renting of cars	Raparin Agriculture		28/2		1365	
366.	Renting of cars	Duhok Agriculture	59400000	28/2		1366	59400000
367.	Renting a house for Rahman Khani	Dams	1200000	2/3/2022		1481	12000000
368.	Worker contract renewal	Garmian Agriculture	57600000	2/22/2023		1243	57600000
369.	Purchasing of 1 car	Raparin Agriculture	118900000	3/2/2023		1466	118900000
370.	Purchase of fuel	Duhok Forestry	3553600	7/3		1527	150250000
371.	Renting a house for Mr. Rgzar	Divan	1200000	7/3		1528	1200000
372.	Renting one car	Garmian Veterinary	8400000	8/3		1591	8400000
373.	Worker (Omer Muhaman Kwekha)	Sulaimani Irrigation	7200000	3/8/2023		1590	7200000
374.	Seedling production requirements	Sulaimani Forestry	24750000	9/3/2023		1605	24000000
375.	Shamamk Didstreit natural trail cleaning	Erbil Irrigation	18700000	3/12/2023		1637	187000000
376.	Renewal of car rental	Duhok Underground Water	3900000	12/3		1645	3900000

377.	Renewal of car rental	Soran Water Resources	6000000	12/3		1646	4500000
378.	Renting of cars	Soran Water Resources	6000000	12/3		1647	6000000
379.	Hiring of workers	G. D. of Veterinary	7400000	13/3		1662	7400000
380.	Hiring of workers	Duhok Research	52800000	13/3		1663	52800000
381.	Supply of fire extinguisher	Duhok Forestry	3735000	3/15/2023		1733	3735000
382.	Fishing ban	G. D. of Veterinary	35818250	3/15/2023		1750	35818250
383.	Hiring of workers	Garmian Agriculture	4000000	3/16/2023		1769	40000000
384.	Car purchase	Duhok Underground Water	53486750	3/16/2023		1770	49500000
385.	Gasoline purchase	Garmian Forestry	2000000	3/16/2023		1780	6000000
386.	Hiring of workers	Garmian Forestry	4200000	16/3		1781	4200000
387.	Hiring of workers	Erbil Forestry	39000000	3/26/2023		1854	39000000
388.	Survey	Duhok Agriculture	134850000	26/3		1853	134850000
389.	Seedling production requirement	Erbil Forestry	15325000	27/3		1894	15325000
390.	2022 delegation expenses	Sulaimani Irrigation	2665000	2/4		2030	2665000
391.	Car renting	Kalar Agriculture	11700000	2/4		2031	11700000
392.	Laboratory requirement purchase	Garmian Veterinary	38500000	2/4		2032	38500000
393.	D. of research renovation	Halabja Agriculture	22165000	2/4/2023		2056	18240000
394.	Hiring of workers	Duhok Forestry	29900000	2/4		2065	29900000
395.	Hiring of workers	Erbil Agriculture	12500000	2/4		2066	125000000

396.	Hiring of workers	Garmian Forestry	13300000	3/4		2093	133000000
397.	Hiring of workers	Halabja Agriculture	15200000	3/4		2094	15200000
398.	Apartment renting for Mr. Nabaz	Divan	1200000	3/4		2101	12000000
399.	Car renting	Duhok Research	1500000	3/4		2102	15000000
400.	Hiring of workers	Duhok Agriculture	6000000	3/4		2103	60000000
401.	Renting of cars	Duhok Irrigation	22800000	4/4		2114	22800000
402.	Hiring of workers	Sulaimani Forestry	40000000	4/4		2153	40000000
403.	Fuel supply	Sulaimani Forestry	19998750	4/4		2154	19998750
404.	Expenses of 14 dams	Dams and Water Reservoirs	52800000	4/		2155	52800000
405.	Hiring of workers	Raparin Agriculture	1500000	6/4/2023		2204	15000000
406.	Hiring of workers	Sulaimani Agriculture	10500000	5/4		2198	105000000
407.	Car renting	Sulaimani Agriculture	7650000	10/4		2237	5950000
408.	Supply of equipments	Zakho Agriculture	3000000	12/4		2313	30000000
409.	Office requirement purchase	Divan	13960000	12/4		2314	13960000
410.	Delegation of G. D. of Dams	Dams	6695400	12/4		2342	6695400
411.	Delegation of Water Resources G. D.	Water Resources	6158000	17/4		2409	6158000
412.	Car renting	Duhok Forestry	7500000	18/4		2447	75000000
413.	Apartment renting for Mr. Rabar	G. D. of Veterinary	1200000	25/4		2492	12000000
414.	Fuel supply to ban fishing	Halabja Agriculture	7475000	4/27/2023		2585	2800000
415.	Server maintenance	Divan	17465000	27/4		2586	17465000

416.	Car renting	Koya Agriculture	550000	2/5		2692	550000
417.	Car renting	Duhok Dam	550000	3/5		2721	550000
418.	Equipment purchase	Erbil Forestry	19800000	4/5		2789	19800000
419.	Employees ID card issuance requirements	Divan	49925000	8/5		2842	49925000
420.	Daily wages of Ms. Layla Salah	Divan	2640000	21/5		3244	2640000
421.	Purchase of 6 diver devices	Garmian Forestry	14900000	22/5		3253	14900000
422.	Pesticide purchase for Kewarash Forest	Raparin Agriculture	59105000	22/5		3255	59105000
423.	Fuel purchase	Sulaimani Forestry	6880000	22/5		3276	6470000
424.	Fireline construction	Halabja Agriculture	13620000	5/28/2023		3390	13620000
425.	Equipment purchase for Kifri	Garmian Veterinary	7350000	5/30/2023		3457	7350000
426.	Fuel purchase	Erbil Forestry	7425000	30/5		3458	7425000
427.	Hemorrhagic fever	G. D. of Veterinary	2771582500	31/5		3542	2771582500
428.	Water and electricity bills	Sulaimani Irrigation	4342250	4/6		3583	4342250
429.	Car purchase for Mr. Hemn	Erbil Agriculture	9686525	7/6		3695	9687525
430.	House renting	Duhok Veterinary	4140000	7/6/2023		3696	4140000
431.	Replacement of weather forecast station	Koya Irrigation	1080000	11/6		3750	1080000
432.	Renovation of Sarchnar nursery	Sulaimani Agriculture	221151300	11/6/2023		3751	221151300
433.	Khabat irrigation cleaning project	Erbil Irrigation	4800000	11/6		3752	48000000
434.	Electricity rent	Sulaimani Forestry	2661600	12/6		3800	2661600
435.	Omar Gumbat Pond research	Erbil Irrigation	20800000	12/6		3801	20800000

436.	Building renovation	Erbil Agriculture	13798000	12/6		3802	13798000
437.	Renting of cars	Duhok Veterinary	67200000	13/6		3816	67200000
438.	Delegation expenses to the UK	Divan	26032400	13/6		3817	26032400
439.	Agri. extension hall renovation	Erbil Agriculture	1000000	18/6		3990	1000000
440.	Renting of Raparin Building	Raparin Agriculture	9000000	20/6		4033	9000000
441.	Drone purchase differences	Erbil Irrigation	38700000	22/6		4092	38700000
442.	Duhok dam renovation	Duhok Dam	145501500	13/6		3845	145501500
443.	Car Repair	Duhok Research	14655000	6/25/2023		4138	14655000
444.	Veterinary vaccine purchase	Garmian Veterinary	19745000	29/6		4139	19745000
445.	Hotel booking for Mr. Hawlkawt	Divan	720,000	25/6		4143	720000
446.	Renting of cars	Sulaimani Underground Water	2500000	6/26/2023		4165	25000000

Part Seventeen: Directorate of Relations Activities

Receiving the ambassadors, consuls, and representatives of foreign countries and organizations by HE Minister of Agriculture and Water Resources

No.	Date	Activity
1.	29.07.2019	Receiving Mr. Niranjan Asoka Ranasinghe, the Ambassador of Sri Lanka to Iraq.
2.	31.07.2019	Receiving the Consul General of the People's Republic of China in Erbil.
3.	06.08.2019	Receiving Ms. Elisabeth Rosenstock-Siller, the US Deputy Consul in Erbil.
4.	06.08.2019	Receiving Mr. Vitol Krajewski, the Deputy Consul General of the Republic of Poland in Erbil.
5.	28.08.2019	Receiving Mr. William Nicolas Kozain, the Consul General of Netherlands in Erbil.
6.	01.09.2019	Receiving Dr. Salah El Hajj Hassan, the FAO Iraq Representative.
7.	13.09.2019	Receiving the Consul General of Egypt in Erbil.
8.	17.09.2019	Receiving the UNIDO representative.
9.	17.09.2019	Receiving Mr. James Thornton, the British Consul General in Erbil.
10.	23.09.2019	Receiving the ZOA Dutch Organization Representative
11.	23.09.2019	Receiving Mr. E. Costopoulos, the Consul General of Greece in Erbil.
12.	23.09.2019	Receiving Mr. Nasrullah Rashnudi, the Consul General of the Islamic Republic of Iran in Erbil.
13.	29.09.2019	Receiving the delegation of the AFRAND Polish Company.
14.	01.10.2019	Receiving Dr. Olivier Decottignies, the Consul General of France in Erbil.
15.	18.11.2019	Receiving Mr. Majeed Dilawar, the Business Consultant at the Embassy of Canada to Iraand q & Jordan.
16.	25.11.2019	Receiving Mr. Gert Meinecke, the Danish Ambassador in Iraq.
17.	03.12.2019	Receiving Mr. Stephan, the Consul General of Hungary in Erbil.
18.	29.01.2020	Receiving the Consul General of the Czech Republic in Erbil.

19.	29.01.2020	Receiving Mr. Michal Svoboda, the Consul General of the Czech Republic in Erbil.
20.	16.02.2020	Receiving a delegation of the European Technology and Training Centre (ETTC) and German AGJ Company.
21.	06.05.2020	Receiving Horia Mihail Petrescu, the Head of the Consular Office of the Romanian Embassy in Erbil.
22.	30.07.2020	Receiving Dr. Olivier Decottignies, the Consul General of France in Erbil.
23.	25.08.2020	Receiving Mr. Nasrullah Rashnudi, the Consul General of the Islamic Republic of Iran in Erbil.
24.	27.08.2020	Receiving Mr. William Nicolas Kozain, the Consul General of the Netherlands in Erbil, who visited us with the purpose of appreciation and farewell.
25.	17.09.2020	Receiving Mr. Hans Smolders, the Agriculture Consultant the Netherland Consulate General in Erbil, and Netherlands Embassy in Baghdad.
26.	27.10.2020	Receiving Mr. Hans Akerboom, the New Consul General of the Netherlands in Erbil.
27.	28.11.2020	Receiving Mr. Mehdi Shushtari in Sulaimani, the Consul General of the Islamic Republic of Iran in Sulaimani
28.	19.01.2021	Receiving Mr. Ni-Ruchi, the Consul General of the People's Republic of China in Erbil.
29.	08.02.2021	Receiving Mr. Taha Dalaa Saadi, the Iraqi Deputy Minister of Water Resources, who visited us as a representative of the Minister of Water Resources.
30.	21.02.2021	Receiving the Iraqi Minister of Water Resources.
31.	09.03.2021	Receiving a delegation from the Italian Foxif Company Chaired by Ms. Ivana
32.	28.03.2021	Receiving Mr. Juan Jose Escobar, the Ambassador of Spain to Iraq, and, Mr. Juan Fernandez Ramos, representative of the Spanish Companies Group.
33.	21.04.2021	Receiving Mr. Janny Vos, the Director of Strategic Partnership of the Dutch CAP Organization
34.	04.05.2021	Receiving Mr. Ahmed Ibrahim Saeed Al Dhaheri, the UAE Consul-General in Erbil.
35.	17.05.2021	Receiving Mr. Nasrullah Rashnudi, the Consul General of the Islamic Republic of Iran in Erbil.

36.	24.06.2021	Receiving Mr. Sang Woo Cho, the Resident Representative of KOICA in Erbil.
37.	24.06.2021	Receiving Mr. Nasrullah Rashnudi, the Consul General of the Islamic Republic of Iran in Erbil.
38.	24.06.2021	Receiving an Italian delegation consisting of Professor Leonardo, a representative of the University of Rome, and Dr. Dario, Head of the Italian Coowner Company.
39.	04.07.2021	Receiving Dr. Salah El Hajj Hassan, the FAO Iraq Representative.
40.	11.07.2021	Receiving each of the Ambassador of Poland to Iraq and the Consul General of Poland in Erbil.
41.	11.07.2021	Receiving Dr. Stavros Kyrimis, the Consul General of Greece in Erbil, and Mr. Costantinos, the Consultant for Business Affairs at the Consulate of Greece in Erbil.
42.	11.07.2021	Receiving Dr. Ayad from the UN SAVI and ITS International Organization.
43.	01.08.2021	Receiving Dr. Ahmed Jalal, the Honorary Consul of Sri Lanka in Erbil.
44.	29.05.2021	Receiving Mr. Muhammad Karim Al-Khafaji, the Iraqi Minister of Agriculture.
45.	06.09.2021	Receiving a high-level delegation from the Chamber of Commerce and Industry of Antwerp and the Belgian Region of Flanders
46.	07.09.2021	In the presence of the Prime Minister of the Kurdistan Regional Government, we received Josep Borell Fontelles, Deputy President of the European Commission and Head of Foreign and Security Policy of the European Union
47.	12.010.2021	Receiving Dr. Salah El Hajj Hassan, the FAO Iraq Representative.
48.	26.10.2021	Receiving a delegation from the German Organization (elbarlament).
49.	28.10.2021	Receiving Mr. Orlik Shannon, the Ambassador of Canada to Iraq.
50.	08.11.2021	Receiving Mr. Klemens Semtner, the consul General of Germany in Erbil.
51.	09.11.2021	Receiving Mr. Mehdi Safadi, the Assistant Foreign Minister of the Islamic Republic of Iran for Commercial, Economic, and Diplomatic Affairs, and Mr. Nasrullah Rashnudi, the Consul General of the Islamic Republic of Iran in Erbil.
52.	21.11.2021	Receiving Ms. Bayan Sami Abdulrahman, the KRG Representative in the USA.
53.	21.11.2021	Receiving Mr. Shorsh Qadir, the KRG Representative in Sweden.
54.	22.11.2021	Receiving Dr. Stavros Kyrimis, the Consul General of Greece in Erbil.

55.	05.12.2021	Receiving a delegation of the European Union led by Ms. Barbara Iger, the Head of the Cooperation Department of the European Union Mission in Iraq
56.	07.12.2021	Supervising an advisory meeting between our ministry and Dutch Consultants.
57.	14.12.2021	Receiving Mr. Robert Palladino, the Consul General of the United States in Erbil, and an accompanying delegation as well as a senior team of the American USAD in Iraq.
58.	20.12.2021	Receiving a group of UAE investment companies.
59.	03.01.2022	Receiving Mr. Karwan Jamal Tahir, the KRG representative in the UK.
60.	11.01.2022	Participation in a workshop organized by our ministry, and the USAID and UNDP organizations.
61.	13.01.2022	Receiving the Iraqi Minister of Water Resources.
62.	16.01.2022	Receiving Mr. Choi Kwang-Jin, the Consul General of South Korea in Erbil.
63.	24.01.2022	Receiving the Deputy Consul General of the Netherlands in Erbil and a delegation of Dutch consultants.
64.	17.02.2022	Receiving Mr. Karel Kortanek, the Consul General of the Czech Republic in Erbil.
65.	22.02.2022	Receiving Mr. Pedro Martinez, Ambassador of Spain to Iraq, and Ms. Maja Abrain, the trade consul.
66.	06.03.2022	Receiving a team of local and American investors.
67.	06.03.2022	Participation in the Industrial Forum in the presence of the Prime Minister, consuls, and representatives of countries. The aim of the forum was to provide marketing and job opportunities.
68.	05.04.2022	In the presence of relevant staff of our Ministry, a memorandum of understanding was signed between the ministry and the Japan International Cooperation Agency (JICA).
69.	10.04.2022	Receiving Mr. Hans Akerboom, the New Consul General of the Netherlands in Erbil.
70.	11.04.2022	Supervising a meeting in cooperation with the French Commercial Confederation.
71.	24.04.2022	In the presence of relevant staff of our Ministry, we received Mr. Kei Toyama, the Chief Representative of JICA Iraq Office.
72.	28.04.2022	Receiving a number of agricultural investors from Turkmenistan in cooperation with German investors.

73.	12.05.2022	Receiving an experienced UAE international company in the field of agricultural and food industry investment.
74.	17.05.2022	Receiving a team from Brazilian Delta Company which is active in the food sector.
75.	17.05.2022	Receiving a delegation from FIC organization consisting of the World Bank and several organizations.
76.	19.05.2022	Receiving Dr. Mithaq, the Iraqi Deputy Minister of Agriculture, and Dr. Hadi, Director General of Marketing at the Iraqi Ministry of Agriculture.
77.	24.05.2022	Receiving the KRG representative in Belgium and a high-level delegation from the Chamber of Commerce and Industry of the Belgian Region of Flanders.
78.	17.07.2022	Receiving Mr. Werner Kraus and a delegation of investors from the German AMRA Company
79.	26.07.2022	Receiving Mr. Karel Kortanek, the Consul General of the Czech Republic in Erbil.
80.	06.10.2022	In the presence of our ministry staff, we received Mr. Salar, the Iraqi Minister of Justice.
81.	16.10.2022	In the presence of a ministry staff, we received Mr. Jaco Beerends, the new Consul General of the Netherlands in Erbil
82.	31.10.2022	Participation in a meeting in the presence of Mr. Awat Janab Noori (Minister of Finance), Economy, Mr. Kamal Muslim, (Minister of Trade and Industry), Mr. Muhammad Shukri (Head of Board of Investment) Mr. Samal Abdulrahman (Director General of Customs of the Kurdistan Region).
83.	31.10.2022	In the presence of the ministry consultant and a team from the minister's office, we received Mr. Ahmed Ibrahim Saeed Al Dhaheri, UAE Consul-General in Erbil.
84.	31.10.2022	In the presence of a ministry staff, we received Dr. Salah El Hajj Hassan, the FAO Iraq Representative.
85.	16.11.2022	Receiving Mr. Ahmed Ibrahim Saeed Al Dhaheri, UAE Consul-General in Erbil.
86.	16.11.2022	Accompanied by a high-level delegation of our ministry, we visited the UAE at an official invitation, in order to develop relations and work to develop the agricultural sector and marketing of poultry projects products in the Kurdistan Region.
87.	05.12.2022	In the presence of the Ministry consultants and Director of Relations, we received Mr. Irvin Hicks, The Consul General of the United States in Erbil and his accompanied team.

88.	06.12.2022	In the presence of the Ministry consultants and a team from our office, we received Dr. Salah El Hajj Hassan, the FAO Iraq Representative and food security experts.
89.	14.12.2022	In the presence of the Deputy Minister, and a team from our office, we received a senior team of consultants and a training and management team of JICA.
90.	14.12.2022	Receiving a representative of a technical and expert team of Al-Barari Company belonging to the UAE Natural Resources Group of Companies.
91.	14.12.2022	Receiving an international team from CAP Organization for projects of the Economic Development Agency of the Government of the Netherlands.
92.	20.12.2022	In the US Consulate General in Erbil, we participated in a panel on (the power of women in work) as women participating in political and government decision-making.
93.	11.01.2023	Accompanied by the Deputy Minister, consultants, and a team from our office, we visited the Ministry of Commerce and Industry and met closely with Mr. Kamal Muslim, Minister of Commerce and Industry, and the senior team of this Ministry.
94.	23.01.2023	Accompanied by the Deputy Minister, consultants, and a team from our office, we received Mr. Mohammed Al-Jaja, the Representative of the Qatari Suhail Group of Companies.
95.	30.01.2023	Receiving the Turkish-Iraqi Industrialists and Businessmen Association (TISIAD).
96.	30.04.2023	In the presence of the Deputy Minister, and a team from our office, we received the Head of the European Union Relations Office / EU Envoy to the Republic of Iraq and the Kurdistan Region.
97.	21.05.2023	In the presence of the Deputy Minister, the Directorate Generals of Divan, Dam and Water Resources, Planning and Follow-Up, and a team from our office, we received Eng. Awn Dhiab, Iraqi Minister of Water Resources, his accompanied team, and the Director General of the Northern Regional Studies Center.
98.	07.05.2023	In the presence of a senior team of the Ministry of Agriculture and Water Resources of the Kurdistan Region, we were welcomed by the Iraqi Minister of Agriculture and his two deputies; (Deputy Minister for Administration Affairs, and Deputy Minister for Technical Affairs) in Baghdad.
99.	16.05.2023	In the presence of the Deputy Minister and a team from our office, we received Ms. Ikram, Deputy Director General of the World Food Programme (WFP), and her accompanied technical team.

Official and Important Visits of the HE Minister of Agriculture and Water Resources

No.	Date	Visit
1.	18.01.2020	On a visit to Poland, we held several meetings and visited several important projects.
2.	11.01.2021	On a visit to Baghdad, we held several important meetings.
3.	25.01.2021	At the official invitation of the Ministry of Agriculture and Forestry of Turkey, we visited the country. During our visit, we held several important meetings and visited several projects.
4.	06.06.2021	A visit to the Islamic Republic of Iran to participate in the 19th Isfahan International Exhibition.
5.	27.09.2021	We participated in the annual Iraqi Economic Conference in London, UK on behalf of the Kurdistan Regional Government.
6.	24.11.2021	At the official invitation of the Ministry of Agriculture and Forestry of Turkey, we visited this country.
7.	25.01.2022	At the official invitation of Greece, we visited the country. During the visit, we held several meetings with the Ministries of Environment, Agriculture, and Foreign Affairs.
8.	2022	Participation of the Ministry delegation in the International Agriculture and Environment Exhibition in Qatar with the participation of investors and entrepreneurs in agricultural investment and presenting local products of the farmers of the Kurdistan Region.
9.	28.03.2022	Participation in the World Future Energy Summit in UAE, in the presence of the Prime Minister of the Kurdistan Regional Government.

10.	11.05.2022	Our participation in the meeting of the High Committee on Water in Baghdad, as a member of this committee and representative of the Kurdistan Regional Government.
11.	2022	We visited several important meetings and projects during an official visit to the Netherlands.
12.	2022	Accompanied by a delegation of our ministry consisting of the Deputy Minister, Ministry Consultant, and Director General of Divan, we visited Greece at an official invitation to participate in the (AGROTICA 2022 - International Fair for Agricultural Machinery, Equipment & Supplies) in the city of Thessaloniki.
13.	26.11.2022	We led a delegation to the UAE where we were warmly welcomed by Sheikh Abdul Jalil Al-Baluki in his private place in the UAE.
14.	17.06.2023	We visited the Czech Republic at the official invitation of the Czech Ministry of Agriculture.

Part Eighteen: Media Directorate Activities

No.	Activities
1.	Conducting dozens of press conferences and a series of speeches of the Ministry of Agriculture and Water Resources, which were presented by the Minister and the staff of the Ministry to the public, media channels, farmers, and attendees.
2.	Coverage of all activities, meetings, and visits of the Minister of Agriculture and Water Resources, the Ministry Council, and all media units at the level of directorates, offices, and departments in the provinces and autonomous administrations.
3.	Administration of: - Ministry social media Official Pages (Minister of Agriculture and Water Resources Page–Ministry of Agriculture and Water Resources Media Page). - Ministry of Agriculture and Water Resources Official Website. - Ministry of Agriculture and Water Resources YouTube Channel.
4.	Conducting (53) agricultural programs and (27) field reports on agriculture, in which topics related to guidance, awareness, and development of the farmers in the Kurdistan Region have been focused.
5.	Conducting (17) television programs, (60) radio programs, (24) agricultural extension programs, and (126) daily programs by the Sulaimani Agricultural Extension Directorate
6.	Preparing booklets on the work and activities of the Ministry of Agriculture and Water Resources and helping to publish works and books of agricultural writers.
7.	Participation in (11) courses on the development of advanced media, awareness, and coverage of agricultural projects.
8.	Conducting (2) workshops and (2) honoring ceremonies for agricultural journalists.
9.	Participation in all monthly meetings of the Kurdistan Regional Government Department of Media and Information, and coordination for all media topics and issues.
10.	In coordination with the official spokesman of the Ministry of Agriculture and Water Resources, we have facilitated working with the media channels and agencies to provide information, activities, and data on the projects for the purpose of statements, reporting, organizing interviews, and special programs.

Part Nineteen: Employees Dossier Review

<i>No.</i>	General Directorate	Total number of Dossiers	Number of audited dossiers	Extra grades	No. of extra salary increment	Difference in total salary
1.	General Directorate of Divan	272	272	—	—	—
2.	Erbil General Directorate of Agriculture	1207	1207	17	29	2,842.000
3.	Sulaimani General Directorate of Agriculture	1766	1766	—	—	—
4.	Duhok General Directorate of Agriculture	822	822	6	71	1.206.000
5.	Garmian General Directorate of Agriculture	345	345	2	8	137000
6.	Halabja General Directorate of Agriculture	215	215	3	70	1.039.000
7.	Erbil Directorate of Agricultural Research	83	83	—	—	—
8.	Sulaimani Directorate of Agricultural Research	258	258	7	5	410000
9.	Duhok Directorate of Agricultural Research	89	89	—	—	—
10.	Erbil Directorate of Forestry and Rangelands	642	638	5	23	401000
11.	Sulaimani Directorate of Forestry and Rangelands	468	468	21	351	3.059.000
12.	Duhok Directorate of Forestry and Rangelands	177	177	—	—	—
13.	Garmian Directorate of Forestry and Rangelands	31	31	—	—	—
14.	Directorate of Agricultural Training in the Region	69	67	—	—	—

15.	General Directorate of Animal Wealth and Veterinary	62	62	—	—	—
16.	Erbil Directorate of Veterinary	603	603	63	143	1.606.000
17.	Sulaimani Directorate of Veterinary	586	586	3	9	1.764.000
18.	Duhok Directorate of Veterinary	390	390	—	—	—
19.	Garmian Directorate of Veterinary	134	134	1	12	152000
20.	Halabja Directorate of Veterinary	51	51	—	—	—
21.	Directorate of Central Veterinary Laboratory in the Region	52	52	—	—	—
22.	General Directorate of Water Resources	71	71	6	13	117000
23.	Erbil Directorate of Irrigation	204	204	1	24	8290000
24.	Sulaimani Directorate of Irrigation	139	139	—	—	—
25.	Duhok Directorate of Irrigation	130	130	7	9	973000
26.	Garmian Directorate of Irrigation	52	52	—	—	—
27.	Koya Directorate of Irrigation	69	69	—	—	—
28.	Erbil Directorate of Groundwater	163	163	4	34	2693000
29.	Sulaimani Directorate of Groundwater	160	160	1	22	524000
30.	Duhok Directorate of Groundwater	178	178	13	20	305000
31.	Garmian Directorate of Groundwater	18	18	—	—	—
32.	General Directorate of Dams and Water Reservoir	117	117	—	—	—
33.	Dukan Dam Directorate	97	97	—	—	—
34.	Duhok Dam Directorate	36	36	—	—	—
35.	Darbandikhan Dam Directorate	93	93	—	—	—
	Total	9849	9843	160	843	18,057,000 Eighteen million & fifty seven thousand IQD

Part Twenty: Ministry of Agriculture and Water Resources Employees Statistics

Number of permanent employees according to qualifications and gender at the provincial level / February 2023 / Divan of the Ministry of Agriculture and Water Resources and all directorates

Total	21	295	53	3019	1317	298	1129	639	1186	3	1442	9402
Total Female	3	63	17	1059	494	92	239	180	169	0	175	2491
Total Male	18	232	36	1960	823	206	890	459	1017	3	1267	6911
Raparin	0	0	0	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0	0	0	0
Garmian	1	18	5	204	121	18	57	40	48	0	55	567
Female	0	1	0	17	4	0	4	0	2	0	3	31
Male	0	5	1	37	15	1	64	14	29	0	60	226
Hababja	0	6	1	54	19	1	68	14	31	0	63	257
Female	0	13	3	189	74	16	26	27	13	0	12	373
Male	4	53	6	468	131	47	60	113	196	0	255	1333
Duhok	4	66	9	657	205	63	86	140	209	0	267	1706
Female	0	25	5	468	240	39	111	69	68	0	63	1088
Male	7	77	16	686	288	60	339	108	371	2	437	2391
Subaima ni	7	102	21	1154	528	99	450	177	439	2	500	3479
Female	3	22	7	325	129	29	86	63	77	0	92	833
Male	6	81	10	625	315	88	382	205	382	1	465	2560
Erbil	9	103	17	950	444	117	468	268	459	1	557	3393
Degree/Certificate	Ph.D	M.Sc	High Diploma	B.Sc	Diploma	High School	Vocational High School	Secondary	Elementary	Courses	No-certificate	Total

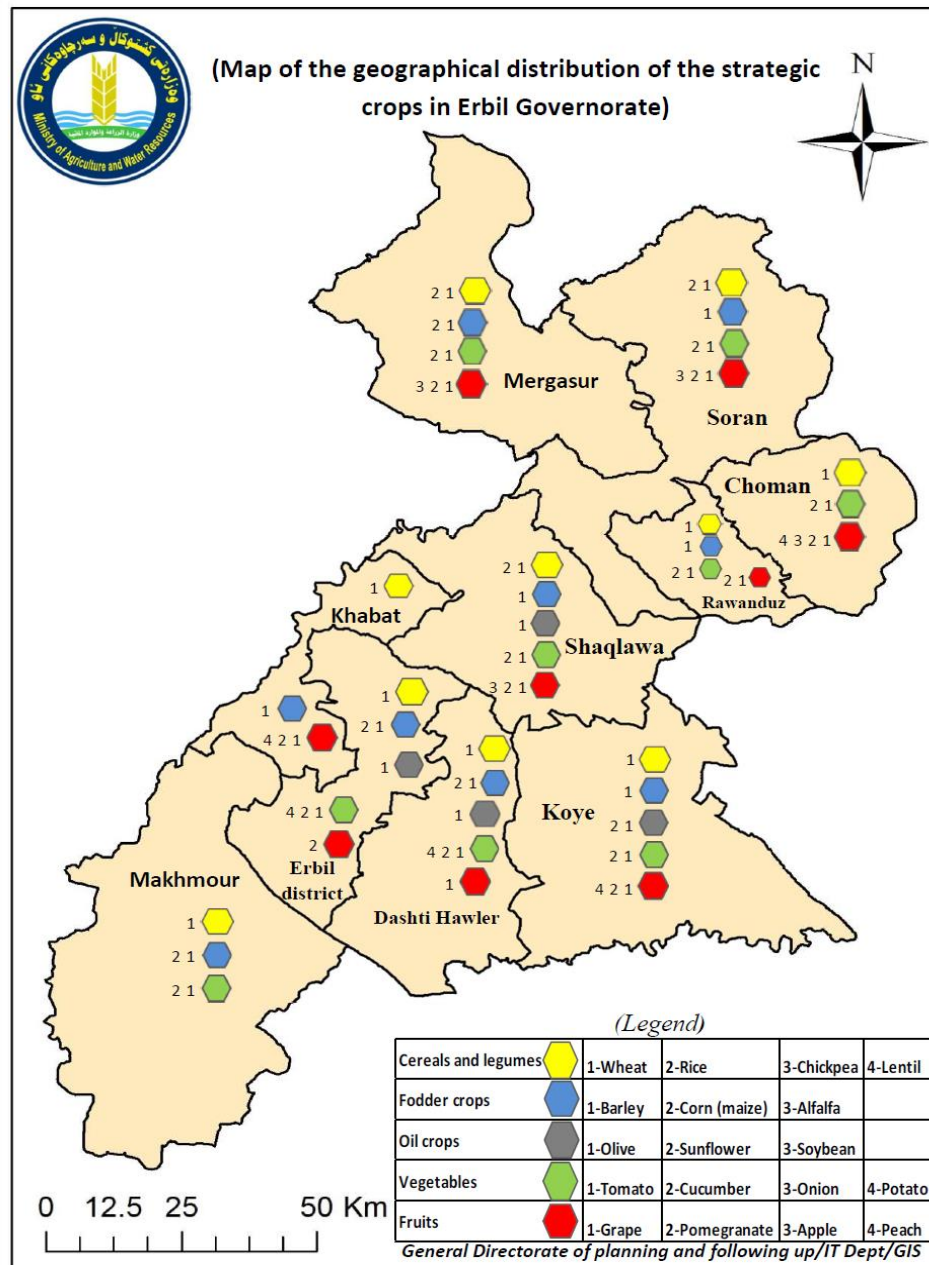
**Number of permanent employees according to job grade and gender
at the provincial level / February 2023 / Divan of the Ministry of
Agriculture and Water Resources and all directorate**

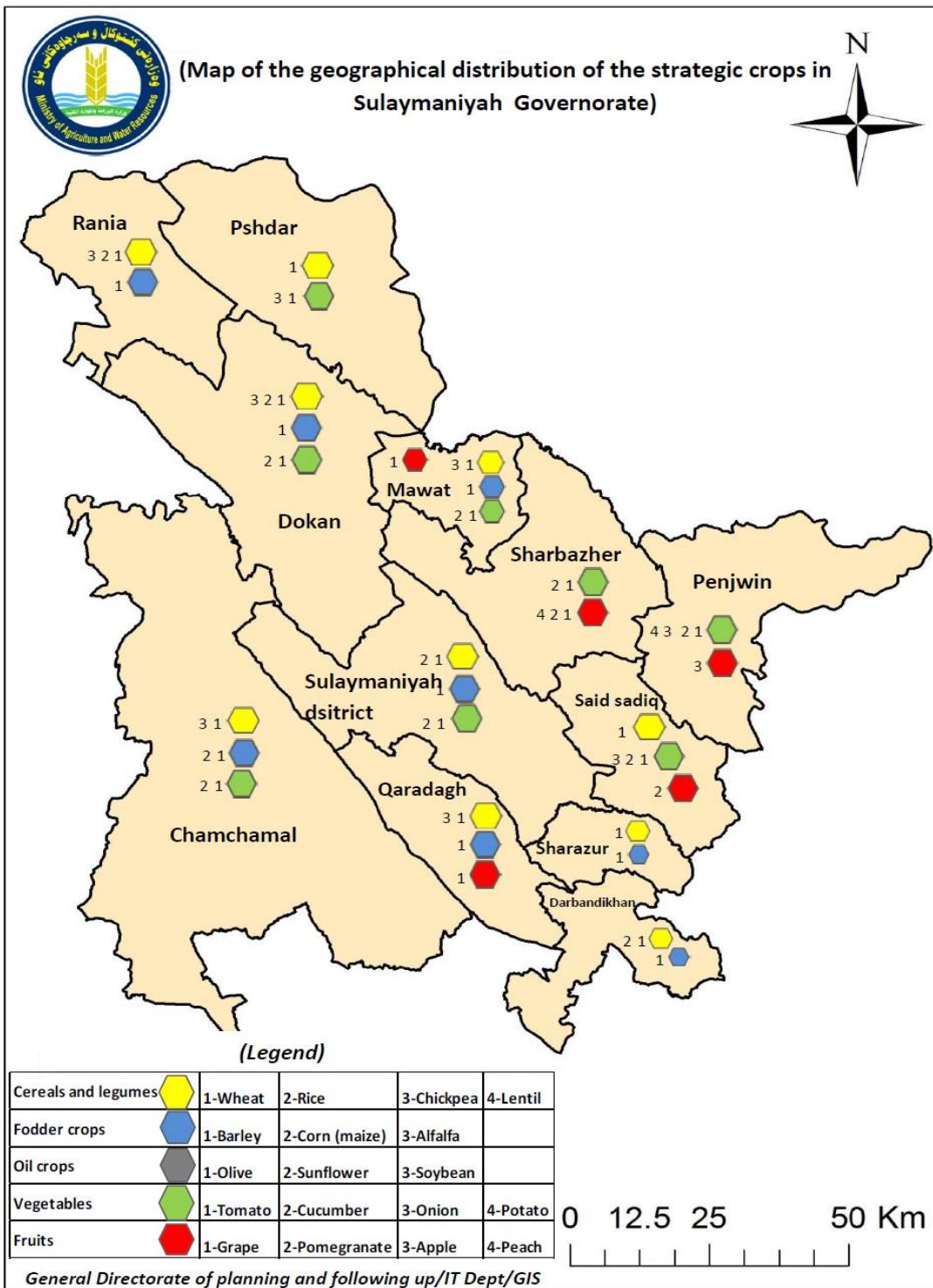
Total	5	13	35	933	787	1219	1576	1809	1790	785	317	133	9402
Total Female	1	3	9	283	214	309	343	667	478	123	46	25	2491
Total Male	4	10	26	660	573	910	1233	1142	1312	662	271	108	6911
Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0	0	0	0	0
Rapararin	0	0	0	0	0	0	0	0	0	0	0	0	0
Female	0	1	0	5	18	20	19	34	52	11	3	3	163
Male	0	0	0	18	36	76	89	67	72	23	12	8	401
Garrison	0	1	0	23	54	96	108	101	124	34	15	11	567
Female	0	0	0	2	1	6	5	5	10	2	0	0	31
Male	0	0	0	33	22	35	41	33	47	10	2	3	226
Halabja	0	0	0	35	23	41	46	38	57	12	2	3	257
Female	0	0	0	28	17	22	68	109	90	22	11	6	373
Male	0	1	4	86	67	99	252	226	273	195	86	44	1333
Duhok	0	1	4	114	84	121	320	335	363	217	97	50	1706
Female	0	0	1	131	126	187	133	296	167	36	8	3	1088
Male	0	1	4	273	275	430	429	358	382	155	57	27	2391
Sulaimani	0	1	5	404	301	617	562	654	549	191	65	30	3379
Female	1	2	8	107	52	74	118	223	159	52	24	13	833
Male	4	8	18	250	173	270	422	458	538	279	114	26	2560
Erbil	5	10	26	357	225	344	540	681	697	331	138	39	3393
Grade	A	B	One	Two	Three	Four	Five	Six	Seven	Eight	Nine	Ten	Total

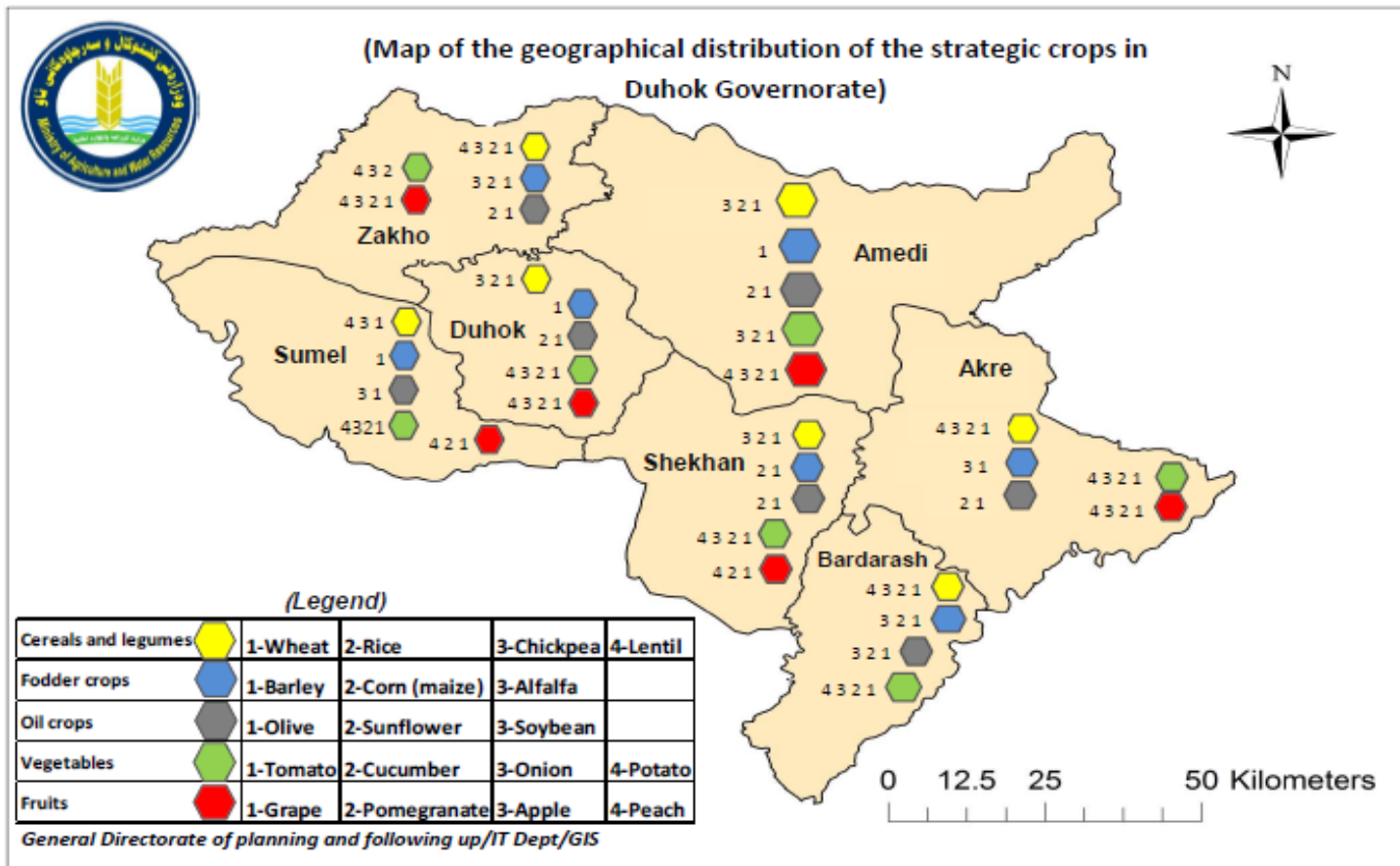
Number of contract employees according to qualifications and gender at the provincial level / February / 2023 / Divan of the Ministry of Agriculture and Water Resources and all directorates

Degree	Total	0	0	0	0	52	33	10	5	17	32	0	61	210
	Total Female	0	0	0	0	25	17	3	1	1	4	0	3	54
Total Male	0	0	0	0	27	16	7	4	16	28	0	58	156	
	0	0	0	0	27	16	7	4	16	28	0	58	156	
Raparin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Garrinan	0	0	0	0	0	0	0	0	0	0	0	0	14	14
	0	0	0	0	0	0	0	0	0	0	0	0	14	14
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Male	0	0	0	0	1	2	0	0	0	0	0	0	0	3
	0	0	0	0	1	2	0	0	0	0	0	0	0	3
Halabja	0	0	0	0	3	3	0	0	0	0	0	0	0	6
	0	0	0	0	3	3	0	0	0	0	0	0	0	6
Female	0	0	0	0	6	8	1	0	0	2	1	1	18	
	0	0	0	0	6	8	1	0	0	2	1	1	18	
Male	0	0	0	0	7	5	1	2	4	18	0	23	60	
	0	0	0	0	7	5	1	2	4	18	0	23	60	
Duhok	0	0	0	0	13	13	2	2	4	20	0	24	78	
	0	0	0	0	13	13	2	2	4	20	0	24	78	
Female	0	0	0	0	5	3	0	0	1	1	0	1	11	
	0	0	0	0	5	3	0	0	1	1	0	1	11	
Male	0	0	0	0	9	4	3	2	4	3	0	4	29	
	0	0	0	0	9	4	3	2	4	3	0	4	29	
Sulaiman	0	0	0	0	14	7	3	2	5	4	0	5	40	
	0	0	0	0	14	7	3	2	5	4	0	5	40	
Female	0	0	0	0	12	5	2	1	0	1	0	1	22	
	0	0	0	0	12	5	2	1	0	1	0	1	22	
Male	0	0	0	0	10	5	3	0	8	7	0	17	50	
	0	0	0	0	10	5	3	0	8	7	0	17	50	
Erbil	0	0	0	0	22	10	5	1	8	8	0	18	72	
	0	0	0	0	22	10	5	1	8	8	0	18	72	
Total	0	0	0	0	22	10	5	1	8	8	0	18	72	
	0	0	0	0	22	10	5	1	8	8	0	18	72	

Part Twenty-One: Geographical distribution map of strategic products

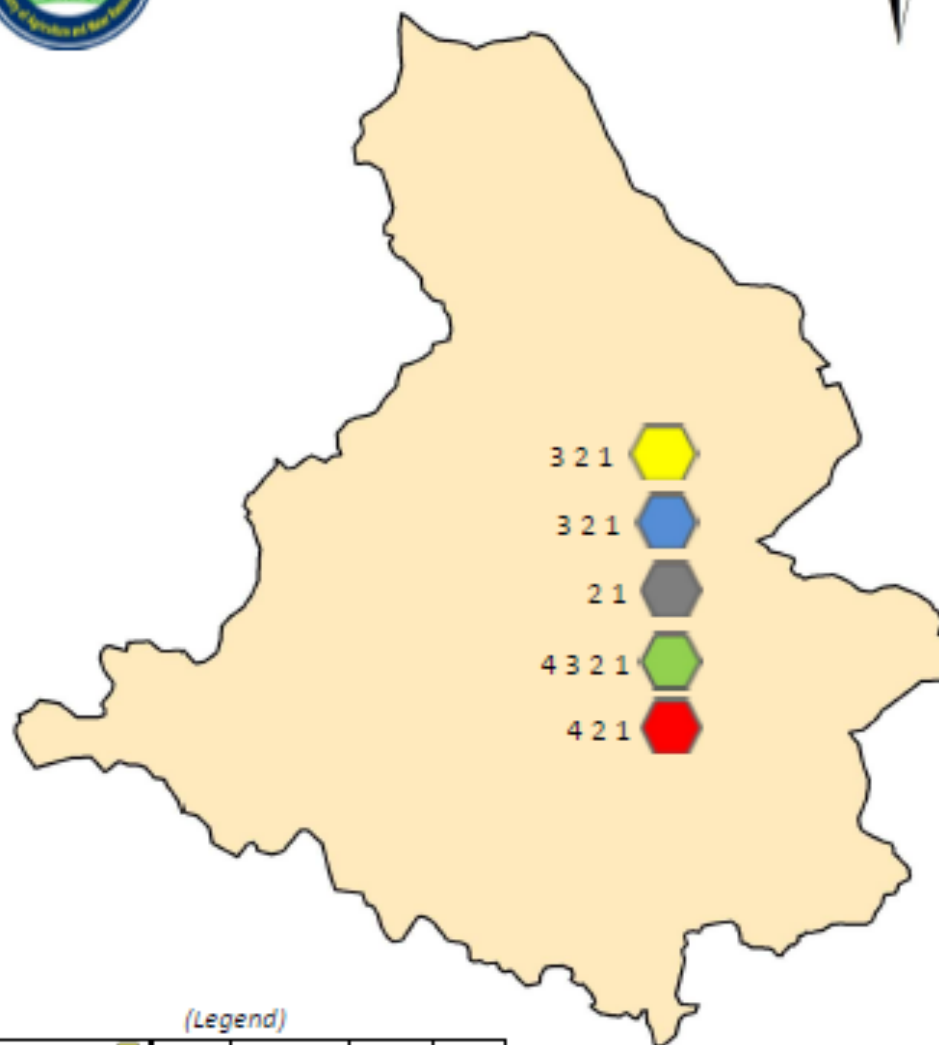








(Map of the geographical distribution of the strategic crops in Halabja Governorate)



(Legend)

Cereals and legumes	1-Wheat	2-Rice	3-Chickpea	4-Lentil
Fodder crops	1-Barley	2-Corn (maize)	3-Alfalfa	
Oil crops	1-Olive	2-Sunflower	3-Soybean	
Vegetables	1-Tomato	2-Cucumber	3-Onion	4-Potato
Fruits	1-Grape	2-Pomegranate	3-Apple	4-Peach

0 2.5 5 10 Km

General Directorate of planning and following up/IT Dept/GIS

