

資料－3 調査日程

モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第1次現地調査スケジュール

(1998)

No.	Date	Day	Schedule	Accommodation
1	10/3	Sat	Kansai International Airport → (OM904) ULN	ULN
2	10/4	Sun	Internal Meeting	ULN
3	10/5	Mon	Courtesy Call to JICA Office, Embassy of Japan, Ministry of Infrastructure Development (MOID)	ULN
4	10/6	Tue	Kick Off Meeting with MOID, Investigation Work	ULN
5	10/7	Wed	Investigation Work	ULN
6	10/8	Thu	Investigation Work	ULN
7	10/9	Fri	Investigation Work	ULN
8	10/10	Sat	Investigation Work	ULN
9	10/11	Sun	Holiday	ULN
10	10/12	Mon	Investigation Work	ULN
11	10/13	Tue	Negotiation and Signing on Contract Agreement of Local Consultant	ULN
12	10/14	Wed	Investigation Work	ULN
13	10/15	Thu	Investigation Work	ULN
14	10/16	Fri	Data Arrangement, Internal Meeting	ULN
15	10/17	Sat	Holiday	ULN
16	10/18	Sun	Data Arrangement, Internal Meeting	ULN
17	10/19	Mon	(Schedule A) ULN AM 8:20 ~ (OM571A) PM 0:20 Khovd	Khovd
18	10/20	Tue	Khovd AM 6:00 → AM 11:00 Durgun (163) Survey PM 2:30 → PM 5:00 Khovd	Khovd
19	10/21	Wed	Khovd AM 6:00 → AM 10:00 Mankhan (159) Survey PM 2:00 → PM 5:00 Khovd	Khovd
20	10/22	Thu	Khovd PM 1:10 ~ (OM572) ULN PM 4:50	ULN
21	10/23	Fri	Holiday	ULN
22	10/24	Sat	Data Arrangement, Internal Meeting	ULN
23	10/25	Sun	(Schedule B) ULN AM 7:00 → Dalanzadgad PM 4:30	Dalanzadgad
24	10/26	Mon	Dalanzadgad AM 8:00 → AM 10:30 Khurmen (12) Survey PM 2:30 → PM 5:00 Dalanzadgad	Dalanzadgad
25	10/27	Tue	Dalanzadgad AM 6:00 → ULN PM 20:00	ULN
26	10/28	Wed	Holiday	ULN
27	10/29	Thu	Data Arrangement, Internal Meeting	ULN
28	10/30	Fri	(Schedule C) ULN AM 7:00 → Baruun-Urt PM 8:00	Baruun-Urt
29	10/31	Sat	Baruun-Urt AM 8:00 → AM 10:30 Uulbayan (66) Survey PM 2:30 → PM 5:00 Baruun-Urt	Baruun-Urt
30	11/1	Sun	Baruun-Urt AM 7:00 → ULN PM 8:30	ULN
31	11/2	Mon	Data Arrangement, Internal Meeting	ULN
32	11/3	Tue	Holiday	ULN
33	11/4	Wed	(Schedule D) ULN AM 7:00 → PM 5:00 Tsetserleg	Tsetserleg
34	11/5	Thu	Tsetserleg AM 8:00 → AM 11:00 *Tariat (116) Survey PM 4:00 → PM 7:00 Tsetserleg	Tsetserleg
35	11/6	Fri	Tsetserleg AM 8:00 → PM 5:00 Arvaikheer	Arvaikheer
36	11/7	Sat	Arvaikheer AM 8:00 → AM 11:00 *Bayan-Undur (92) Survey PM 3:00 → PM 8:00 ULN	ULN
37	11/8	Sun	Data Arrangement, Internal Meeting	ULN
38	11/9	Mon	ULN AM 6:00 → AM 11:00 *Adaatsag (87) Survey PM 3:00 → PM 8:00 ULN	ULN
39	11/10	Tue	Holiday	ULN

notes) 1. Schedule A, B, C and D : Site Survey of Objective Sum Centers for Pilot Plants and Preliminary Survey for Master Plan Study
(* : Objective Sum Centers for Pilot Plants)

No.	Date	Day	Schedule		Accommodation
			Team A	Team B	
40	11/11	Wed	Investigation Work	(Schedule B-1) ULN → Bayankhongor	ULN / Bayankhongor
41	11/12	Thu	(Schedule A-1) ULN AM8:20 ~ (OM571) PM0:20 Khovd	Bayankhongor → Altai	Khovd / Altai
42	11/13	Fri	Khovd aimag Khovd [SMR]	Govi-Altai aimag Altai [SMR]	Khovd / Altai
43	11/14	Sat	Khovd → Ulgii	Altai → Uliastai	Ulgii / Uliastai
44	11/15	Sun	Bayan-Ulgii aimag Ulgii [SMR]	Preparation of Seminar	Ulgii / Uliastai
45	11/16	Mon	Ulgii → Ulaangom	Zavkhan aimag Uliastai [SMR] → Tosontsengel	Ulaangom / Tosontsengel
46	11/17	Tue	Uvs aimag Ulaangom [SMR]	Tosontsengel → Tsetserleg	Ulaangom / Tsetserleg
47	11/18	Wed	Ulaangom PM0:35 ~ (OM574) PM4:45 ULN	Tsetserleg → ULN	ULN
48	11/19	Thu	Data Arrangement, Internal Meeting	Data Arrangement, Internal Meeting	ULN
49	11/20	Fri	Holiday	Holiday	ULN
50	11/21	Sat	Data Arrangement, Internal Meeting	Data Arrangement, Internal Meeting	ULN
51	11/22	Sun	Data Arrangement, Internal Meeting	(Schedule B-2) ULN → Bulgan	ULN / Bulgan
52	11/23	Mon	(Schedule A-2) ULN → Undurkhaan	Bulgan aimag Bulgan [SMR] → Murun	Undurkhaan / Murun
53	11/24	Tue	Khentii aimag Undurkhaan [SMR] → Choibalsan	Khuvsugul aimag Murun [SMR]	Choibalsan / Murun
54	11/25	Wed	Dornod aimag Choibalsan [SMR]	Murun → Erdenet	Choibalsan / Erdenet
55	11/26	Thu	Choibalsan → Baruun-Urt	Erdenet → ULN	Baruun-Urt / ULN
56	11/27	Fri	Preparation of Seminar	Data Arrangement, Internal Meeting	Baruun-Urt / ULN
57	11/28	Sat	Sukhbaatar aimag Baruun-Urt [SMR] → Undurkhaan	Holiday	Undurkhaan / ULN
58	11/29	Sun	Undurkhaan → ULN	(Schedule B-3) ULN → Mandalgovi	ULN / Mandalgovi
59	11/30	Mon	Holiday	Dundgovi aimag Mandalgovi [SMR]	ULN / Mandalgovi
60	12/1	Tue	(Schedule A-3) ULN → Arvaikheer	Mandalgovi → Dalanzadgad	Arvaikheer / Dalanzadgad
61	12/2	Wed	Uvurkhantai aimag Arvaikheer [SMR]	Umnugovi aimag Dalanzadgad [SMR]	Arvaikheer / Dalanzadgad
62	12/3	Thu	Arvaikheer → Bayankhongor	Dalanzadgad → Sainshand	Bayankhongor / Sainshand
63	12/4	Fri	Bayankhongor aimag Bayankhongor [SMR] → Shargaljuut	Dornogovi aimag Sainshand [SMR]	Shargaljuut / Sainshand
64	12/5	Sat	Preparation of Seminar	Sainshand → ULN	Shargaljuut / ULN
65	12/6	Sun	Shargaljuut → Tsetserleg	Holiday	Tsetserleg / ULN
66	12/7	Mon	Arkhangai aimag Tsetserleg [SMR]	Investigation work	Tsetserleg / ULN
67	12/8	Tue	Tsetserleg → ULN	Investigation work	ULN
68	12/9	Wed	Investigation Work, Internal Meeting		ULN
69	12/10	Thu	Investigation Work, Internal Meeting		ULN
70	12/11	Fri	Investigation Work, (Selection of Trader of Local Supply Machinery)		ULN
71	12/12	Sat	Investigation Work, Internal Meeting		ULN
72	12/13	Sun	Holiday		ULN
73	12/14	Mon	Investigation Work		ULN
74	12/15	Tue	Report to JICA Office, Embassy of Japan		ULN
75	12/16	Wed	ULN → (OM223) Beijing → (JL782) Narita		

- notes) 2. Schdule A : Inventory Study for Team A ([SMR] :Seminar)
 Schdule B : Inventory Study for Team B ([SMR] :Seminar)
3. → :Move by Four Wheel Drive Vehicle ~ :Move by Airplane
4. Name of Sum(##) ##:Sum Number of「Sum List for Master Plan」

全体工程表

(モンゴル国再生可能エネルギー利用地方電力供給計画調査)

担 当		氏 名		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
				平成10年度							平成11年度												平成12年度										
				9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	総 括／ 電力供給計画／ ディーゼル発電	渡辺 芳知	(9) □	(75)	(2)	(28)	(15)					(60)	(30)			(15)	(30)					(15)		(30)		(12)							
			3		16		26	12			12		10			15	29			25	10				28	9							
2	需要想定／ 電力供給システム／ 送配電	福地 智恭	(9) □	(75)		(30)	(15)				(60)	(30)			(15)	(30)					(15)		(30)		(12)								
			3		16		26	12			12		10			15	29			25	10				28	9							
3	太陽光発電	ディパックヒスタ	(3) □	(69)		(24)	(15)				(60)	(21)			(15)	(24)					(15)		(15)		(12)								
			9		16		26	12			12		10			15	29			25	10				28	9							
4	風力発電	出井 努	(3) □	(69)		(24)	(15)				(60)	(21)			(15)	(24)					(15)		(15)		(12)								
			9		16		26	12			12		10			15	29			25	10				28	9							
5	電気料金分析／ 経済財務評価	西牧 宏	(3) □	(66)		(24)					(45)	(21)					(24)				(15)		(27)		(12)								
			3		7					25		9							25	10				28	9								
6	社会調査／ 組織制度	田中 清文		(61)		(24)	(8)				(45)	(21)			(15)	(24)					(15)		(21)		(12)								
			17		16		26	5		25		9			15	29			25	10				28	9								
7	業務調整	多田和幸/上田憲生		(75)							(60)														(12)								
			3		16					12		10												28	9								
報告書			▲					▲							▲					▲			▲			▲							
		インセプション レポート			プログレス レポート 1									プログレス レポート 2							インテリム レポート			ドラフトファイナル レポート			ファイナル レポート						
		9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2		

凡例：  現地作業  国内作業

モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第2次現地調査スケジュール

(1999)

No.	Date	Day	Schedule	Accommodation
1	2/26	Fri	Narita (JL951) → Seoul (OM8028) → Ulaanbaatar	ULN
2	2/27	Sat	Internal Meeting	ULN
3	2/28	Sun	Holiday	ULN
4	3/1	Mon	Courtesy Call to JICA and Embassy of Japan	ULN
5	3/2	Tue	Explanation of Progress Report 1 to MOID	ULN
6	3/3	Wed	Preparatory Work of Seminar	ULN
7	3/4	Thu	Seminar	ULN
8	3/5	Fri	Meeting with MOID (Mr. Tanaka leave ULN)	ULN
9	3/6	Sat	Internal Meeting	ULN
10	3/7	Sun	Holiday	ULN
11	3/8	Mon	Additional Investigation	ULN
12	3/9	Tue	Additional Investigation	ULN
13	3/10	Wed	Additional Investigation	ULN
14	3/11	Thu	Report to JICA and Embassy of Japan	ULN
15	3/12	Fri	Ulaanbaatar (OM8027) → Seoul (JD252) → Narita	

**モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第3次現地調査スケジュール**

No.	Date	Day	Team-1 (Watanabe)	Team-2 (Fukuchi)	Team-3 (Nishimaki)	Team-4 (Tanaka)	Team-5 (Dei, Bista)
1	5/12	Wed	Kansai International Airport → (OM904) ULN (Watanabe, Fukuchi, Bista, Dei)				
2	5/13	Thu	Courtesy Call to JICA Office, Embassy of Japan, Ministry of Infrastructure Development (MOID)				
3	5/14	Fri	Kick Off Meeting with MOID				
4	5/15	Sat	Preparation of Contract (Local Consultant, Contractor for Pilot Plant Installation) and Procurement of Installation and Distribution Materials				
5	5/16	Sun	Holiday				
6	5/17	Mon	Contract Signing (Local Consultant, Contractor for Pilot Plant Installation) and Order for Installation and Distribution Materials				
7	5/18	Tue	Preparation of Sample Survey and Pilot Plant Installation				
8	5/19	Wed	Preparation of Sample Survey and Pilot Plant Installation				
9	5/20	Thu	Preparation of Sample Survey and Pilot Plant Installation				ULN → Adaatsag
10	5/21	Fri	Preparation of Sample Survey and Pilot Plant Installation				Installation Supervision
11	5/22	Sat	Preparation of Sample Survey and Pilot Plant Installation				Installation Supervision
12	5/23	Sun	Investigation	ULN → Adaatsag			Installation Supervision
13	5/24	Mon	Investigation and Meeting	Installation Supervision			Installation Supervision
14	5/25	Tue	Investigation and Meeting	Installation Supervision			Installation Supervision
15	5/26	Wed	Investigation and Meeting	Adaatsag → ULN	Kansai International Airport → (OM904) ULN (Nishimaki, Tanaka)		Installation Supervision
16	5/27	Thu	Preparation of Sample Survey				
17	5/28	Fri	Preparation of Sample Survey				
18	5/29	Sat	Holiday				
19	5/30	Sun	ULN → Adaatsag				
20	5/31	Mon	Technology Transfer for Pilot Plant				
21	6/1	Tue	Adaatsag → Erdenedalai (One Person from Team-5)				
22	6/2	Wed	Sample Survey				
23	6/3	Thu	Erdenedalai → Guchin-Uus				
24	6/4	Fri	Sample Survey				
25	6/5	Sat	Guchin-Uus → ULN				
26	6/6	Sun	Holiday				
27	6/7	Mon	Internal Meeting for Sample Survey				
28	6/8	Tue	Investigation and Meeting	ULN → Bayan-Undur	ULN → Bayan-Ovoo	ULN → Bayan-Undur	Installation Supervision
29	6/9	Wed	Investigation and Meeting	Technology Transfer for Pilot Plant	Sample Survey	Technology Transfer for Pilot Plant	
30	6/10	Thu	Investigation and Meeting	Technology Transfer for Pilot Plant	Sample Survey	Bayan-Undur → DALANZADGAD	Installation Supervision
31	6/11	Fri	Investigation and Meeting	Bayan-Undur → BAYANKHONGOR	Sample Survey	DALANZADGAD → Nomgon	Installation Supervision
32	6/12	Sat	Investigation and Meeting	BAYANKHONGOR → ALTAI (Aimag Center)	Bayan-Ovoo → Matad	Sample Survey	Installation Supervision
33	6/13	Sun	Investigation and Meeting	ALTAI (Aimag Center) → Altai	Sample Survey	Sample Survey	Installation Supervision

**モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第3次現地調査スケジュール**

No.	Date	Day	Team-1 (Watanabe)	Team-2 (Fukuchi)	Team-3 (Nishimaki)	Team-4 (Tanaka)	Team=5 (Dei, Bista)
34	6/14	Mon	Investigation and Meeting	Sample Survey	Sample Survey	Sample Survey	Installation Supervision
35	6/15	Tue	ULN → BLUGAN	Sample Survey	Sample Survey	Nomgon → Mandakh	Bayan-Undur → ULN
36	6/16	Wed	BULGAN → MURUN	Sample Survey	Matad → Tuvshinshiree	Sample Survey	Holiday
37	6/17	Thu	MURUN → Santmarugats	Altai → KHOVD	Sample Survey	Sample Survey	ULN → Tariat
38	6/18	Fri	Sample Survey	Holiday	Sample Survey	Sample Survey	Installation Supervision
39	6/19	Sat	Sample Survey	KHOVD → Tolbo	Sample Survey	Mandakh → ULN	Installation Supervision
40	6/20	Sun	Santmargats → Tosontsengel	Sample Survey	Tuvshinshiree → ULN	Holiday	Installation Supervision
41	6/21	Mon	Tosontsengel → Khatgal	Sample Survey	Holiday	Holiday	Supervision, Sample Survey in Khangai
42	6/22	Tue	Sample Survey	Sample Survey	Holiday	ULN → BAYANKHONGOR	Supervision, Sample Survey in Khangai
43	6/23	Wed	Sample Survey	Tolbo → KHOVD	ULN → Khotont (Grid connected Sum)	BAYANKHONGOR → Bogd	Supervision, Sample Survey in Khangai
44	6/24	Thu	Khatgal → BULGAN	KHOVD → ALTAI	Sample Survey	Sample Survey	Supervision, Sample Survey in Khangai
45	6/25	Fri	BULGAN → ULN	ALTAI → TOSONTSENGEL	Sample Survey	Sample Survey	Installation Supervision
46	6/26	Sat	Holiday	TOSONTSENGEL → Tariat	Sample Survey	Sample Survey	Installation Supervision
47	6/27	Sun	Holiday	Installation Supervision	Khotont → Tariat	Bogd → ALTAI	Installation Supervision
48	6/28	Mon	ULN → TSETSERLEG	Technology Transfer for Pilot Plant		ALTAI → Khalium	Technology Transfer for Pilot Plant
49	6/29	Tue	TSETSERLEG → Tariat	Installation Supervision	Tariat → ARVAYKHEER	Sample Survey	Installation Supervision
50	6/30	Wed	Inauguration Ceremony of Pilot Plant		ARVAYKHEER → Mandal-Ovoo	Sample Survey	Inauguration Ceremony of Pilot Plant
51	7/1	Thu	Tariat → Kharkhorin		Sample Survey	Sample Survey	Installation Supervision
52	7/2	Fri	Kharkhorin → ULN		Sample Survey	Khalium → BAYANKHONGOR	Tariat → TSETSERLEG
53	7/3	Sat	Holiday		Mandal-Ovoo → ULN	BAYANKHONGOR → ULN	TSETSERLEG → ULN
54	7/4	Sun	Holiday		Holiday		
55	7/5	Mon	Additional Investigation		Holiday		
56	7/6	Tue	Additional Investigation and Meeting with MOID				
57	7/7	Wed	Additional Investigation and Meeting with MOID				
58	7/8	Thu	Additional Investigation and Meeting with MOID				
59	7/9	Fri	Report to JICA Office, Embassy of Japan, ULN (OM301) → Seoul (JD252) → Narita (Tanaka, Nishimaki)				
60	7/10	Sat	ULN (OM903) → Kansai International Airport (Watanabe, Fukuchi, Bista, Dei)				

**モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第4次現地調査スケジュール**

No.	Date	Day	Schedule	Accommodation
1	10/15	Fri	Narita (JL951) → Seoul (OM302) → Ulaanbaatar (ULN)	ULN
2	10/16	Sat	Internal Meeting	ULN
3	10/17	Sun	Data Arrangement	ULN
4	10/18	Mon	Courtesy Call JICA, EOJ, MOID	ULN
5	10/19	Tue	Explanation of Progress Report 2 to MOID	ULN
6	10/20	Wed	ULN → Adaatsag, Investigation of Pilot Plant and Technology Transfer	Adaatsag
7	10/21	Thu	Adaatsag → Bayan-Undur, Investigation of Pilot Plant and Technology Transfer → Arvaykheer	Arvaykheer
8	10/22	Fri	Arvaykheer → Tariat	Tariat
9	10/23	Sat	Investigation of Pilot Plant and Technology Transfer, Tariat → Tsetserleg	Tsetserleg
10	10/24	Sun	Tsetserleg → ULN	ULN
11	10/25	Mon	Meeting with MOID	ULN
12	10/26	Tue	Data Collection and Meeting with MOID	ULN
13	10/27	Wed	Meeting with MOID and Signing of M/M	ULN
14	10/28	Thu	Report to JICA, EOJ, MOID	ULN
15	10/29	Fri	ULN (OM301) → Seoul (JD252) → Narita	Japan

**モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第5次現地調査スケジュール**

No.	Date	Day	Schedule	Accommodation
1	2/25	Fri	Narita (JL951) → Seoul (OM302) → Ulaanbaatar (ULN)	ULN
2	2/26	Sat	Internal Meeting	ULN
3	2/27	Sun	Data Arrangement	ULN
4	2/28	Mon	Courtesy Call JICA, EOJ, MOID	ULN
5	2/29	Tue	Explanation of Interim Report to MOID	ULN
6	3/1	Wed	Group A : ULN → Adaatsag, Investigation and Appraisal of Pilot Plant	Adaatsag
			Group B : ULN → Tsetserleg	Tsetserleg
			Group C : Explanation of Interim Report and Meeting with MOID	ULN
7	3/2	Thu	Group A : Adaatsag → Bayan-Undur, Investigation and Appraisal of Pilot Plant → Arvaykheer	Arvaykheer
			Group B : Tsetserleg → Tariat, Investigation and Appraisal of Pilot Plant → Tsetserleg	Tsetserleg
			Group C : Meeting with MOID and Data Collection	ULN
8	3/3	Fri	Group A : Arvaykheer → ULN	ULN
			Group B : Tsetserleg → ULN	ULN
			Group C : Arrangement for Technology Transfer Seminar 2	ULN
9	3/4	Sat	Rehearsal of Technology Transfer Seminar 2	ULN
10	3/5	Sun	Data Arrangement	ULN
11	3/6	Mon	Technology Transfer Seminar 2	ULN
12	3/7	Tue	Meeting with MOID on Interim Report	ULN
13	3/8	Wed	Meeting with MOID	ULN
14	3/9	Thu	Signing of M/M, Report to JICA, EOJ	ULN
15	3/10	Fri	ULN (OM301) → Seoul (JD252) → Narita	Japan

Group A : Mr. H. Nishimaki, Mr. D. B. Bista

Group B : Mr. T. Fukuchi, Mr. T. Dei

Group C : Mr. Y. Watanabe, Mr. K. Tanaka

**モンゴル国 再生可能エネルギー利用地方電力供給計画調査
第6次現地調査日程表**

No.	Date	Day	日程	宿泊先
1	7/29	土	羽田空港 → 関西国際空港 → ウランバートル (ULN)	ULN
2	7/30	日	団内打合わせ	ULN
3	7/31	月	JICA、大使館、MOID訪問	ULN
4	8/1	火	ドラフト・ファイナル・レポートのMOIDへの説明	ULN
5	8/2	水	技術移転セミナー3準備(予行練習)	ULN
6	8/3	木	技術移転セミナー3	ULN
7	8/4	金	ドラフト・ファイナル・レポートについてMOIDと協議	ULN
8	8/5	土	資料整理、議事録準備	ULN
9	8/6	日	休日	ULN
10	8/7	月	MOIDと協議、議事録調印	ULN
11	8/8	火	JICA、大使館へ報告	ULN
12	8/9	水	ULN → 関西国際空港 → 羽田空港	帰着

資料－４ カウンターパート・リスト

資料—4 カウンターパートリスト

No.	Name	Organization	Division and Position
1.	Mr. R.Bud	Integrated Policy and Strategic Planning Department, Ministry of Infrastructure Development Mongolia (MOID)	General Director
2.	Mr. G.Damdinsuren	Integrated Policy and Strategic Planning Department, (MOID)	Deputy Director General
3.	Mr. R.Sundui	Integrated Policy and Strategic Planning Department, (MOID)	Director
4.	Mr. D.Ganbaatar	Renewable Energy Corporation	Manager
5.	Mr. M.Ulziitogtokh	Renewable Energy Corporation	Deputy Director General
6.	Mr. B.Munkhbayar	Renewable Energy Corporation	Science Research Specialist
7.	Mr. G.Purevdorj	Renewable Energy Corporation	Engineer
8.	Mr. G.Gochoo	Renewable Energy Corporation	Head of Biomass Energy Division

資料－５ 面談者リスト

The Master Plan Study for Rural Power Supply by Renewable Energy in Mongolia
List of Interviewer at the First Investigation

No.	Aimag	No.	Name	Division and Position
I	UMUNUGOVI Aimag	1	B. Tsedensamba	Governor
		2	Tsetseg-Ulgii	Assistant of the governor
		3	OyuunBat	Charge of Infrastructure
		4	Amarjargal	Charge of diesel generator
		5	Tumursukh	Chief engineer of meteorologic agency
		6	G. Tseveg	Manager of power station
		7	I. Amarjargal	Chief engineer of power station
II	GOVI-ALTAI Aimag	1	Mr. Janchivdorj	Governor
		2	Mr. Byambajav	Assistant of the governor
		3	Mr. Bolddorj	Charge of electricity
III	BAYANKHONGOR Aimag	1	B. Bayarsaikhan	Governor
		2	D. Boloj	Manager of the general affairs department
		3	G. Batjargal	Charge of electricity
IV	DORNOGOVI Aimag	1	Mr. Luvsangiin Ishdorj	Governor
		2	Mr. Battengel	Assistant of the governor
		3	Mr. Uhnua	Charge of Infrastructure
V	SUKHBAATAR Aimag	1	G. Adiya	Chairman of sum assembly
		2	B. Jargalsaikhan	Manager of accounting department
		3	G. Gantumur	Charge of Infrastructure
VI	DORNOD Aimag	1	M. Baljinnyan	Charge of account
		2	J. Dulamjav	Secretary
VII	KHENTII Aimag	1	Ch. Enkhee	Governor
		2	Lkh. Enkhsaikhan	Member of sum assembly
		3	Ts. Gurtseden	Member of sum assembly
		4	D. Tserendamba	Charge of electricity
VIII	DUNDGOVI Aimag	1	Khuukhenbaatar	Governor
		2	Sharav	Manager of power station
		3	Danii	Manager of financial department
		4	Gansukh	Charge of Infrastructure
IX	UVURKHANGAI Aimag	1	Mr. Batmunkh	Governor
		2	D. Bayartogtokh	Engineer of power plant
		3	S. Dulamsuren	Engineer of power plant
		4	Z. Dashizeveg	Charge of Infrastructure
		5	Mr. Otgon	Charge of international cooperation
		6	Baasanjav	Manager of power station
		7	Jargal	Engineer
		8	B. Badran	Manager of economics department
		9	Ts. Jamsran	Director
X	KHUVSGUL Aimag	1	Batsuuri	Governor
		2	Sukhbaatar	Manager of power station
		3	Nyamdorj	Chief Engineer
		4	Lhagvaa	Manager of personal department
XI	ARKHANGAI Aimag	1	Mr. Erhembayar	Governor
		2	Mr. Munkhbat	Assistant of the governor
		3	Z. Dashizeveg	Charge of Infrastructure
		4	Mr. Jamsran	Charge of Infrastructure
		5	Mr. Bidran	Financial department
		6	Mr. Batdelger	Intelligence department
		7	Baasanjav	Manager of power station
		8	D. Bayartogtokh	Engineer of Power Plant
		9	S. Dulamsuren	Engineer of Power Plant
		10	Jargal	Engineer

No.	Aimag	No.	Name	Division and Position
XII	ZAVKHAN Aimag	1	Mr. Dashzaveg	Governor
		2	Mr. Ganbold	Assistant of the governor
XIII	BULGAN Aimag	1	Mr. B. Erdenetgos	Assistant of the governor
XIV	UVS Aimag	1	L. Rachaadorj	Engineer of power plant
		2	S. Baterdene	Engineer of power plant
		3	Ts. Sabyutargal	Member of sum assembly
		4	B. Yadamsuren	Member of sum assembly
XV	KHOVD Aimag	1	Mr. Z. Haidav	Assistant of the governor
		2	Mr. Munaa	Manager of power station
		3	J. Turdagva	Office worker
		4	Batkhuu	Charge of account
		5	Ganbold	Engineer
XVI	BAYAN-ULGII Aimag	1	O. Nigmat	Chairman of sum assembly
		2	A. Kharii	Assistant of the governor
		3	X. Beken	Manager of accounting department
		4	G. Mandat	Charge of Infrastructure
		5	N. Sanatbek	Accounting specialist
		6	K. Khabai	Chairman of village
		7	Kh. Darmen	President of ERCHIM company
		8	S. Khidirpatsha	President of ARKHA society

ATTENDANTS' LIST FOR EXPLANATION OF PROGRESS REPORT 2

Oct. 19, 1999

- | | |
|--------------------------|--|
| 1. Mr. Sundui | Head of Energy Division MOID |
| 2. Mr. Purevdorji | Expert, Institute of Renewable Energy |
| 3. Mr. Odgerei | Director, Information Monitoring Evaluation
Department, MOID |
| 4. Ms. Enkhtuya | Expert of Liquid and Gas Fuel, Energy Division,
MOID |
| 5. Mr. Bataa | Expert of Central Energy System, Integrated
Policy and Strategic Planning Department,
MOID |
| 6. Mr. M. Ulziiitogtokh | Renewable Energy Corporation, Researcher |
| 7. Mr. Ch. Mangaijav | Mongolian Technical University, Head of
Faculty |
| 8. Mr. B. Enkhbat | Energy Consulting” Company, Engineer |
| 9. Mr. D. Ganbaatar | REC Manager |
| 10. Mr. Ts. Batbayar | REC Researcher |
| 11. Ms. T. Khishigbayar | REC Researcher |
| 12. Dr. G. Dorjpurev | Director of Energy Conservation Company |
| 13. Mr. M. Jargaisaikhan | REC Researcher |
| 14. Mr. Munkhbayar | REC Researcher |

Technology Transfer in Bayan-Undur (Oct. 21, 1999)

NAME	OCCUPATION
1. Mrs. Z. Unenbat	President of Hospital
2. Mr. T. Dorjgotov	Principal
3. Mrs. J. Davaadulam	Sum Vice-headman
4. Mrs. A. Nergui	Financial Officer at Sum Center
5. Mrs. D. Chimedtseyen	Officer for Social Policy at Sum Center
6. Mrs. E. Nasantsogt	Weather forecaster of Sum Center
7. Mr. Purev	Operator

Technology Transfer in Tariat (Oct. 23, 1999)

NAME	OCCUPATION
1. Mr. G. Byambadagva	Sum Headman
2. Mr. Ch. Batsaikhan	President of Hospital
3. Mrs. Z. Horolmaa	Accountant of Sum Center
4. Mr. P. Choyonjurmed	Bag Headman
5. Mr. I. Delgersaikhan	Head Manager of Power Generation Planning

Technology Transfer in Adaatsag (Oct. 20, 1999)

NAME	OCCUPATION
1. Mr. To. Munhbat	Sum Vice-headman
2. Ms. G. Togostsetseg	Weather Forecaster of Sum Center
3. Mr. G. Ochkhuu	Electrical Engineer of Sum Center
4. Ms. Ch0yuntsetseg	Accountant of Sum Center
5. Ms. T. Achantuya	Doctor
6. Mr. S. Bayaraa	Sum Headman

Focus Group Discussion Participants (1999-6-29) Khalium

1. Mr. Ya. Seseer	Veterinarian
2. Mr. M. Badarch	Top Executive
3. Mr. D. Gungaajamts	Merchant
4. Mr. Ch. Purevdorj	President of Electrical Heat Company
5. Mr. M. Batmunkh	Principal
6. Mr. B. Zayabaatar	Merchant (Ex-sum Headman)
7. Mr. A. Erdenesuren	Vice Head Man
8. Mr. Ts. Namjid	Headman
9. Mr. G. Nyamdorji	Official for Policy of Livestock

Focus Group Discussion Participants (1999-6-25) Bogd

1. Mr. L. Baatar	Chairman of Congress
2. Mr. Bjoosrai	Head Officer of Transmission Department
3. Mr. C. Batsuuri	the Sixth Headman of Sum
4. Mr. T. Bold	Unemployment
5. Mr. D. Tegshjargal	Top Executive
6. Mrs. M. Tsetsgee	Official for Weather
7. Mr. Sh. Lhaaizm	Veterinarian
8. Mrs. N. Badamhand	President of Hospital
9. Mr. D. Chadraaval	Teacher
10. Mrs. J. Tseveen	Principal
11. Mrs. L. Enhchimeg	President of Bank
12. Mr. D. Ulzii-Orshikh	Sum Headman

Focus Group Discussion Participants (1999-6-18) Mandakh

1. Mr. L. Ulziichuluu	Unemployment
2. Mr. D. Baatar	Officials for Post Office
3. Mr. D. Navaanjants	Unemployment
4. Mr. D. Ivanov	Owner of Felt Plant
5. Mr. Ts. Munkhtogoo	Chairman
6. Mr. M. Enkhbat	Driver
7. Mr. N. Boldsaikhan	Sum Headman
8. Mr. B. Darjkhuyag	Vice Headman

Focus Group Discussion Participants (1999-6-14) Nomgon

1. Mr. A. Tumurbaatar	Chairman
2. Mr. B. Bayarsaikhan	Vice Headman
3. Mr. N. Todbaatar	Specialist for Agriculture and Stock Raising
4. Mr. N. Batchimeg (female)	Official for Tax
5. Mr. J. Baatartseren	Top Executive
6. Mr. Uerdenechuluun	Accountant
7. Mr. A. Tuvsuinbaatar	Police Officer
8. Mr. Ts. Buyanchimeg (female)	Secretary of Sum
9. Mr. D. Oyunchuluun	Sum Headman
10. Mr. N. Naranhuu	Head Manager of Power Station

Focus Group Discussion Participants (1999-6-22) Hatgal

1. Mr. Togtokhnyam	Governor
2. Mr. Myagmarsuren	Deputy Governor
3. Mr. Khishigsuren	Accountant
4. Mr. Ziina	Accountant
5. Mr. Seldamba	Pensioner
6. Mr. Nyamjav	Operator for D/G
7. Mr. Tserendulam	Operator for Elec. Sale
8. Mr. Enkhbold	Operator for D/G
9. Mr. Chultemjanits	Guard
10. Mr. Riina	Head Officer of Transmission Department
11. Mr. khagva	Assistant of Head Officer for Transmission Department
12. Mr. Alagaa	Supervisor
13. Mr. Nyan-Ochir	Business Man

Focus Group Discussion Participants (1999-6-18) Santmamgat

1. Mr. Otgontsetseg	Unemployment
2. Mrs. B. Adyasuren	Secretary
3. Mr. D. Tumenbayajav	
4. Mr. Nisgegch	
5. Mr. N. Jalgalsaikhan	
6. Mr. Kh. Yumchinsuren	
7. Mr. J. Narmandakh	
8. Mr. S. Sukh-bat	

9. Mr. B.Nyamdorji Sum Headman

Focus Group Discussion Participants (1999-6-04) Guchin-Us

1. Mr. Byambatogtokh	Accountant and Guard
2. Mr. Batdorj	Accountant and Librarian
3. Mrs. Enkhtuya	Foreign Languages Teacher
4. Mr. Tserenbanzragch	Accountant
5. Mr. Battulga	Governor
6. Mr. Battumur	Inspector for Electricity
7. Mr. Baatar	Public Service Officer
8. Mr. Battulga	Chief of the Sum's Parliament
9. Mr. Gombojav	Vice Governor
10. Mrs. Narantsetseg	Director of the High School

Focus Group Discussion Participants (1999-6-14) Altai

1. Mr. I. Gerelchuluun	Teacher of Elementary School
2. Mr. G. Dolgor	Language Teacher
3. Mr. T. Lhagvasuren	Chemistry Teacher
4. Mr. Z. Tonga	Veterinarian
5. Mr. K. Bandai	Official of further Education School
6. Mr. N. Khishgree	Head of Cooperative Society
7. Mr. Ch. Tsendgombo	Headman
8. Mr. N. Ganjuur	Head Official of Further Education School

Focus Group Discussion Participants (1999-6-16) Tuvshin-Shiree

1. Mr. Jadambaa. S	Governor
2. Mr. Lhagvasuren. S	Deputy Governor
3. Mr. Tugjichamba. Sh	Chief of the Sum's Parliament
4. Mr. Amartuvshin. J	Officer of the Sum's Parliament
5. Mr. Gundsambuu. Ch	Inspector for Veterinary

Focus Group Discussion Participants (1999-6-20) Tolbo

1. K. Erhumar	Vice President
2. D. Kazakstan	Chairman
3. T. Togtarkhaan	Sum Headman
4. N. Murat	Operator for Diesel Engine

5. B. Baiden	Tax Collector
6. Bahitgul	Officer for Residential Congress
7. N. Hekei	Head Officer of Transmission Center
8. U. Mambar	Official of Sum
9. B. Sarsekbai	Official of Library
10. K. Begzat	Chairman for Elderly Comittee
11. K. Tjrseinkhan	Accountant of Sum Office
12. K. Marat	Accountant of Sum School
13. K. Ashim	Dean
14. B. Tilek	Operator for Diesel Engine

Focus Group Discussion Participants (1999-6-21) KHANGAI

1. Mr. Battulga	Governor
2. Mr. Lubsandagva	Deputy Chief of Admin. Department
3. Mr. Turbat	Chief of Telecom. Center
4. Mr. Baysagalan	Chief of Hospital
5. Mrs. Yanjimaa	Director of High School
6. Mr. Bayanmunkh	Accountant
7. Mrs. Narantuya	Accountant
8. Mr. Dorjragchaa	Inspector
9. Mr. Munkbat	Inspector
10. Mrs. Dorjpalam	Cleaner

Focus Group Discussion Participants (1999-6-9) BAYAN-OV00

1. Mr. Damdinsuren. L	Deputy governor
2. Mr. Ganbaatar. D	Chief of the Sum's Parliament
3. Mrs. Erdenechimeg. P	Chief of Telecom. Center
4. Mr. Tumurtogoo. J	Officer of Admin. Department
5. Mr. Baasanjav. L	Director of High School
6. Mr. Ulzii. P	Accountant
7. Mrs. Erdenetuya. I	Manager of Further Education School
8. Mrs. Ariuntungalag. R	Doctor
9. Mr. Gandora. S	Teacher
10. Mr. Gankhuu. Ch	Own Business
11. Mrs. Jargal. J	Own Business
12. Mr. Bayansaikhan. S	Unemployed

13. Mr. Delgerbat Unemployed

Focus Group Discussion Participants (1999-6-2) Erdenedalai

1. Mr. Tumurkhuyag. Sh	Chief of Admin. Department
2. Mrs. Tsetsegmaa	Chief of the Sum's Parliament
3. Mr. Purevsuren. Sh	Deputy Governor
4. Mr. Jigmedbat. B	Chief of Telecom. Center
5. Mr. Baatar. D	Heating Expert of Admin. Department
6. Mr. Deleg. D	Expert of Admin. Department
7. Mr. Tsogtbaatar. D	Economist
8. Mr. Bayanbajav. Ts	Accountant
9. Mrs. Sunjidmaa	Accountant
10. Mr. Dorjsuren. M	Technician
11. Mr. Zolboot. Z	Driver
12. Mr. Zagdaa	Driver
13. Mr. Oyunbaatar. Z	Driver

Focus Group Discussion Participants (1999-6-14) MATAD

1. Mr. Prevdorj. Ts	Governor
2. Mr. Namjildorj. N	Chief of the Sum's Parliament
3. Mr. Bold. A	Admin. Officer
4. Mr. Dorj. Sh	Accountant
5. Mr. Uranbileg. Sh	Chief Accountant of Sum
6. Mr. Ganpurev. T	Nature Guard
7. Mr. Dorjgotov. S	Inspector of Tax
8. Mr. Dondog. J	Chief of Amin. Office
9. Mrs. Khaltarkhuu. Y	Statistician
10. Mrs. Enlhbaatar. Z	Operator of the Diesel Power Plant
11. Mrs. Enkhbayar. Z	Chief of Meteorological Station

Focus Group Discussion Participants (1999-6-14) MANDAL-OV00

1. Mr. Tsogbadrakh	Governor
2. Mr. Gongor	Chief of Admin. Department
3. Mr. Yondonjamts	Deputy Director
4. Mr. Unurbat	Director of High School
5. Mr. Mandakh	Director of Hospital

6. Mrs. Ganchuluun	Midwife
7. Mrs. Tsedevsuren	Teacher
8. Mrs. Chnnggee	Teacher
9. Mr. Erdenesaikhan	Accountant
10. Mr. Nasanbat	Unemployed
11. Mrs. Dolgorjav	Teacher
12. Mr. Ulziisaikhan	Own Business
13. Mr. Lanjin	Operator of the Diesel Power Plant
14. Mr. Tserenpuntsag	Operator of the Diesel Power Plant
15. Mr. Erdenetugs	Unemployed
16. Mr. Enkhtur	Operator of the Diesel Power Plant
17. Mr. Munkhjargal	Unemployed
18. Mr. Narmandakh	Unemployed
19. Mr. Chuluunbaatar	Unemployed
20. Mr. Dorjdagva	Director of Further Education School
21. Mr. Munkhchuluun	Teacher

資料－6 収集資料リスト

様式

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収 集 資 料 リ ス ト

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地 域	アジア	調 査 団 等 名 称	再生可能エネルギー利用地方電力供給計画調査	調 査 の 種 類	マスタープラン	作 成 部 課	
国 名	モンゴル国			現 地 調 査 期 間	1998年10月3日～1998年12月16日	担 当 者 氏 名	

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様 式

収 集 資 料 リ ス ト

平成12年3月 作成

地 域	ウランバートル	調 査 団	モンゴル再生可能エネルギー利用	調 査 の 種 類		作 成 部 課	
国 名	モンゴル	等 名 称	地方電力供給計画調査	現地調査期間	1999年5月～2000年3月	担当者氏名	

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1	Zab Khan river hydropower project	片止め	A4	47	コピー	1	MOID	寄贈					
2	Report on reconnaissance and feasibility study of charge it hydropower station	片止め	A4	47	コピー	1	UCS	寄贈					
3	Pre-feasibility study 'ovoot' mini HPP in Khovd province	ビニ製本	A4	15	コピー	1	UCS	寄贈					
4	ソムの人工統計 (全国)	コピー	A4	4	コピー	1	統計局	購入					
5	収入データ	コピー	A4	1	コピー	1	統計局	購入					
6	A young population (英)	コピー	A4			2	国連	購入					
	“ (モンゴル語)	コピー	A4			2	国連	購入					
7	気象データ	F.D.			コピー	1	モンゴル国気象庁	購入					
8	100,000 Solar Houses (Gers) -National Program Attachments to Mongolian Government's Resolution No.158 of October 6, 1999.	片止め	A4	4	コピー	1	MOID	寄贈					

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国 名	モンゴル国	等 名 称		現 地 調 査 期 間	2000年7月29日～2000年8月9日	担 当 者 氏 名	

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