REGULATORY FRAMEWORKS
in ICT sector of Mongolia

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CONTENT

1. COUNTRY PROFILE

Territory: **1.564.115,**75 km

Climate: 4 Seasons
extreme continental
winter ave. –23

Highest peak: **4.267** m
above the sea

Population:
3,037,716

Density:
1.76 per km²

Capital:
Ulaanbaatar (45%)

Language:
Mongolian

Ethnic droups:
Khalkh   82.4%
Kazakh   3.86%
others   13.74%

No. of Provinces:
21 provinces

Religion:
Buddism   53%
Muslim   3%
Shamanism 3%
Christian   2%

1. COUNTRY PROFILE

GOVERNMENT AND POLITICS

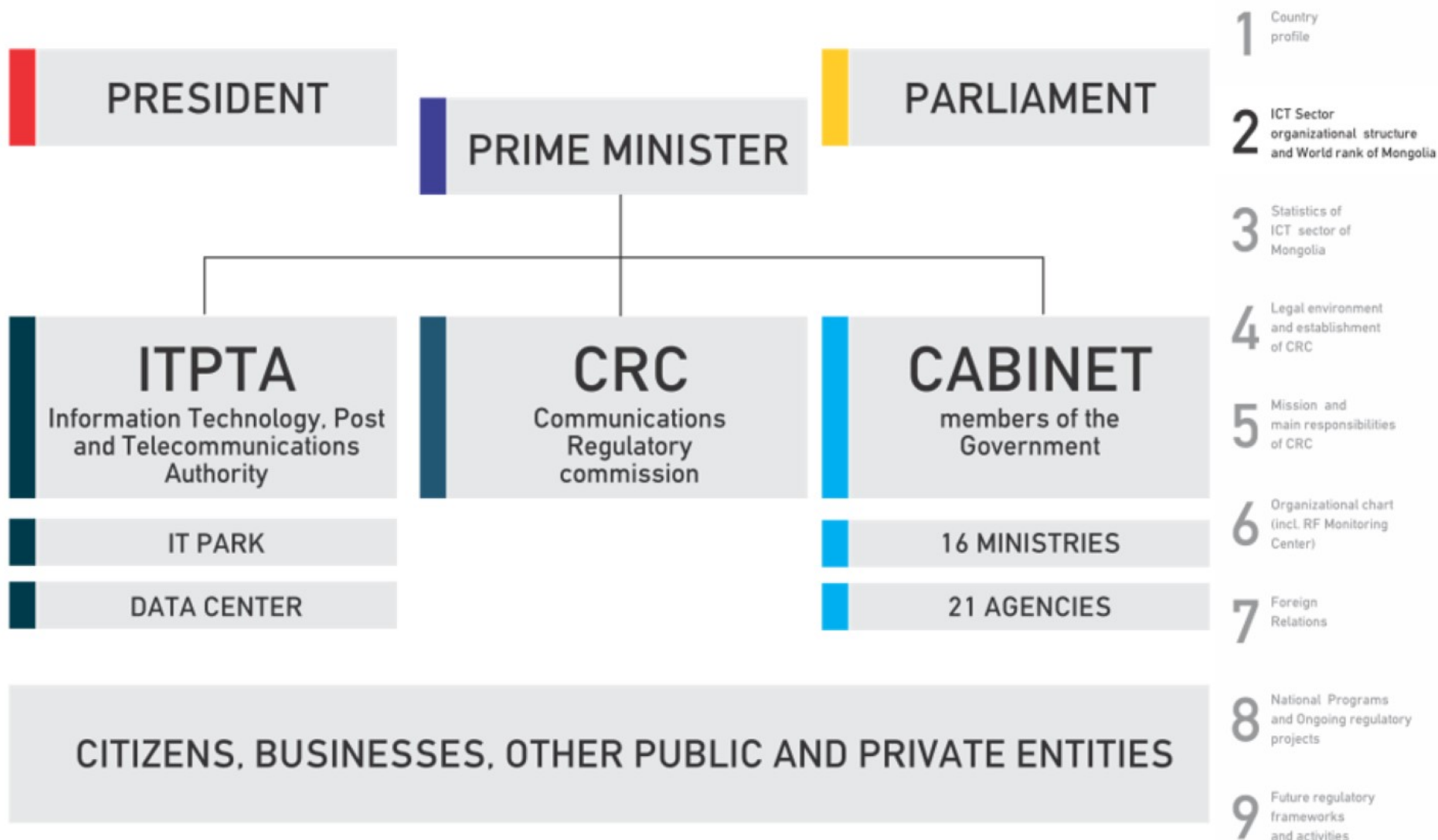**GOVERNMENT TYPE:** Parliamentary

GOVERNMENT: 16 ministries
21 agencies

GDP TOTAL: 11.52 billion ₮

ECONOMY: Agriculture, Mining

**MINERAL RESOURCES:** copper, coal, molybdenium

2. ICT SECTOR ORGANIZATIONAL STRUCTURE AND WORLD RANK OF MONGOLIA

PRESIDENT

PRIME MINISTER

PARLIAMENT

ITPTA
Information Technology, Post and Telecommunications Authority

CRC
Communications Regulatory commission

CABINET
members of the Government

IT PARK

16 MINISTRIES

DATA CENTER

21 AGENCIES

CITIZENS, BUSINESSES, OTHER PUBLIC AND PRIVATE ENTITIES

COMMUNICATIONS
REGULATORY COMMISSION
OF MONGOLIA

Statistical Comparison of MONGOLIAN MOBILE AND TELEPHONE DENSITY (per 100 persons) with World Average

MOBILE (world)

MOBILE (Mongolia)

TELEPHONE (world)
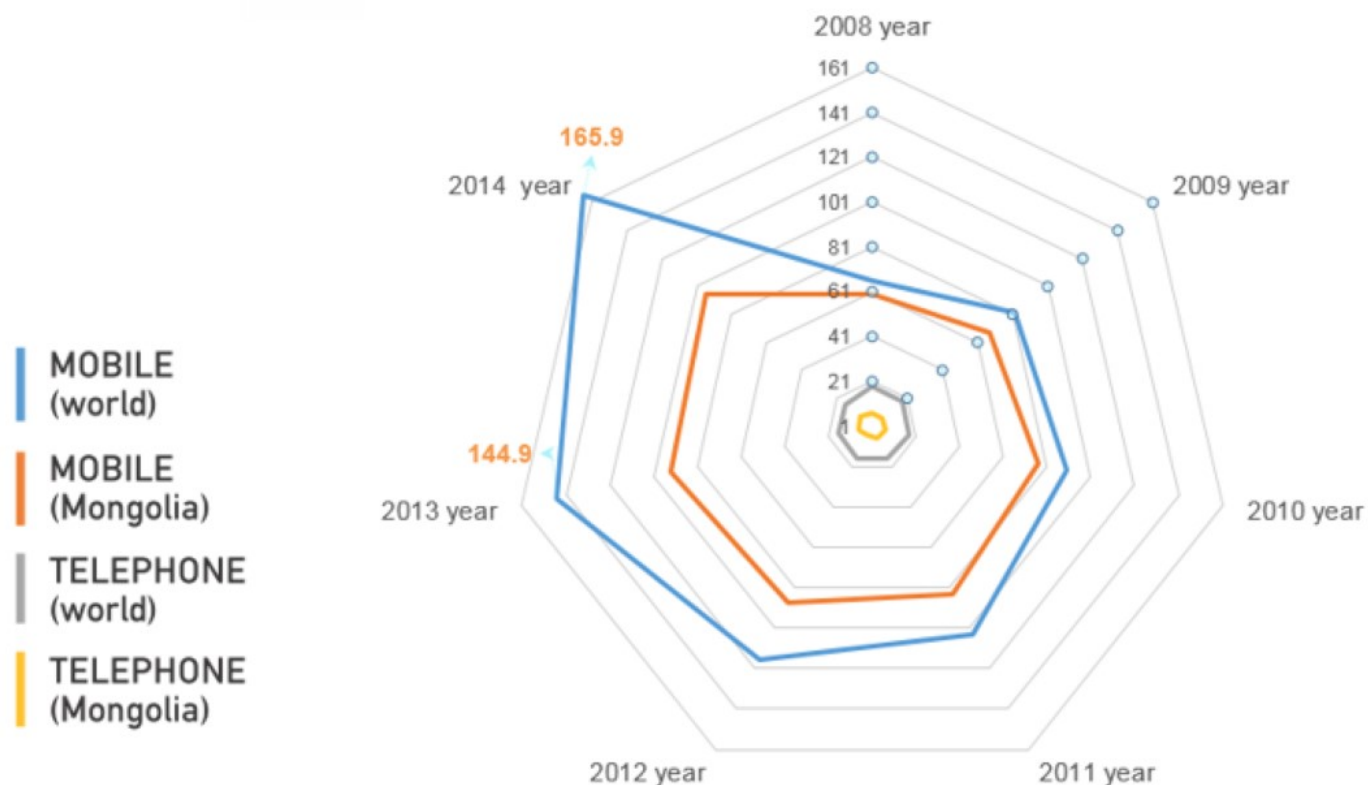
TELEPHONE (Mongolia)

INTERNET SUBSCRIBERS OF MONGOLIA

year	Dial-Up	xDSL	Optic cable	Coaxial cable	GPRS,EDGE, 3G, EVDO	Wi-Fi	Wi-MAX	VSAT	VPN	Total
2012 year	33	36,695	65,256	9	520,012	5,281	24,587	174	1,962	654,009
2013 year	271	40,684	107,886	165	655,107	10,444	24,322	110	2,154	841,143
2014 year		29,244	168,003		1,734,414	11,700	16,394	82	2312	1,962,149

STATISTICS OF RADIO AND TV BROADCASTING

COMMUNICATIONS
REGULATORY
COUNCIL
established

"Law on Communications"

1995

LAW ON
RADIO WAVE

1999

LAW ON
LICENSING
BUSINESS
ACTIVITIES

2001

INDEPENDENT
COMMUNICATIONS
REGULATORY
COMMISSION
established

"Law on Communications"
revised

2001

Renewed formation
to the
COMMUNICATIONS
REGULATORY
COMMISSION

2002

MISSION

To advance the development of ICT sector in Mongolia by making it more efficient and creating fair competition environment which meets the interests and needs of Mongolian citizens.

VALUES

FAIRNESS
TRANSPARENCY
EFFICIENCY

13

CRC REGULATES
/Law on Licensing Entities/

- Telecommunications
- TV and Radio broadcasting
- Content
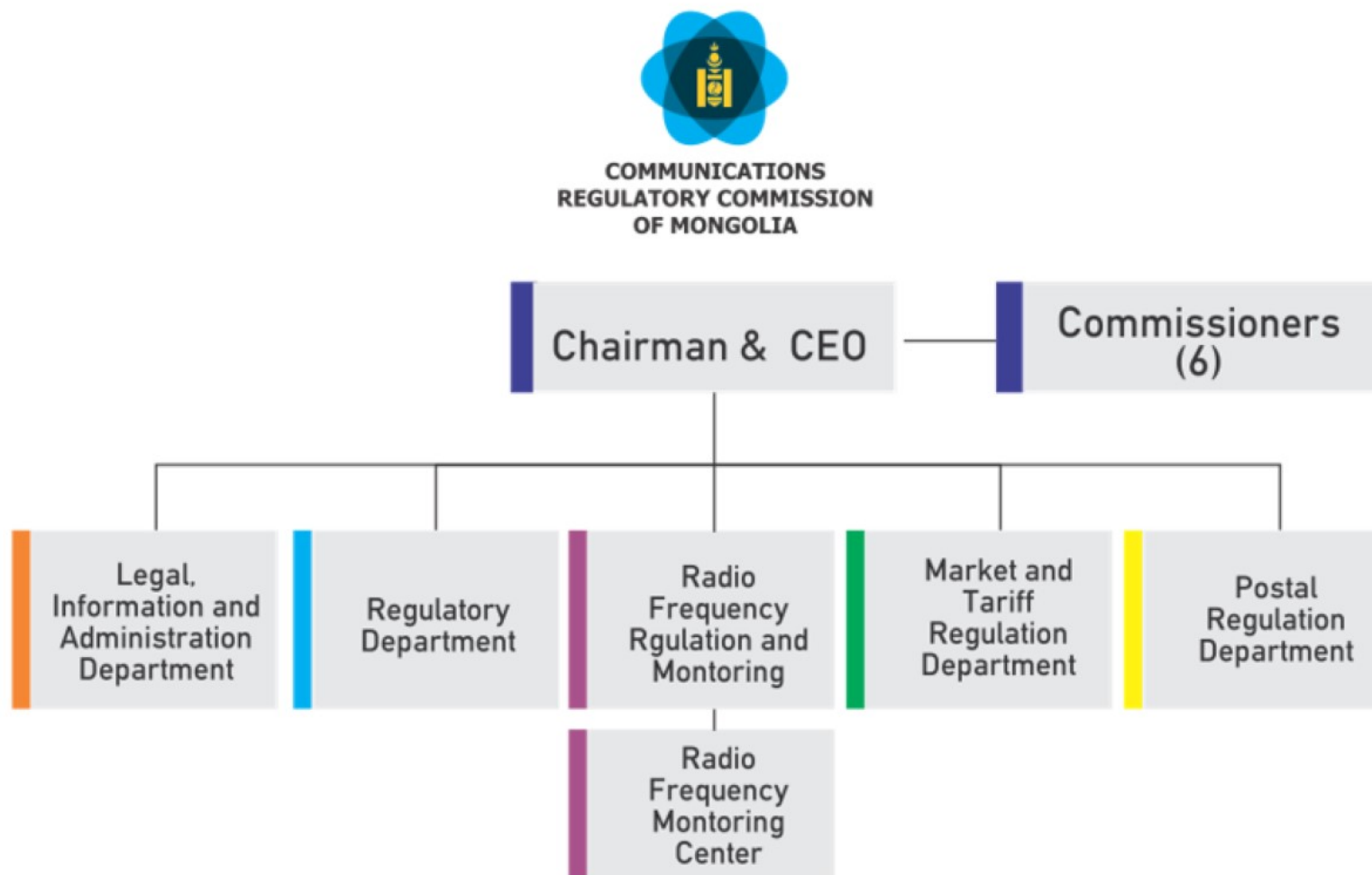- Spectrum Management and Monitoring
- Post
- Internet

AUTHORITY OF CRC
/Law on Communication/

- To prepare a proposal of State Policy
- Licensing
- Certification
- Interconnection
- Tariff
- Competition
- Enforcement of USOF obligation
- Standardization
- Numbering
- Managing Radio Frequency Spectrum
- Settlement of Regulation and spectrum utilization fee
- Resolving disputes

6. CORPORATE ORGANIZATIONAL CHART

COMMUNICATIONS
REGULATORY COMMISSION
OF MONGOLIA

Chairman & CEO — **Commissioners (6)**

- Legal, Information and Administration Department
- Regulatory Department
- Radio Frequency Rgulation and Montoring
  - Radio Frequency Montoring Center
- Market and Tariff Regulation Department
- Postal Regulation Department

COMMUNICATIONS
REGULATORY COMMISSION
OF MONGOLIA

ITU-D SECTION MEMBER /2008

ASIA-PACIFIC TELECOMMUNITY

UNIVERSAL POSTAL UNION

ASIA-PACIFIC ECONOMIC COOPERATION

ASIA-PACIFIC POSTAL UNION

INTERNATIONAL ORGANIZATION

REGULATORS

CRC COOPERATION

MOU

iDA — INFOCOMM DEVELOPMENT AUTHORITY OF SINGAPORE

NATIONAL COMMUNICATIONS COMMISSION TAIWAN. CHINA

KOREA COMMUNICATIONS COMMISSION

OFFICE OF THE COMMUNICATIONS AUTHORITY HONG KONG, CHINA

MCMC — MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION
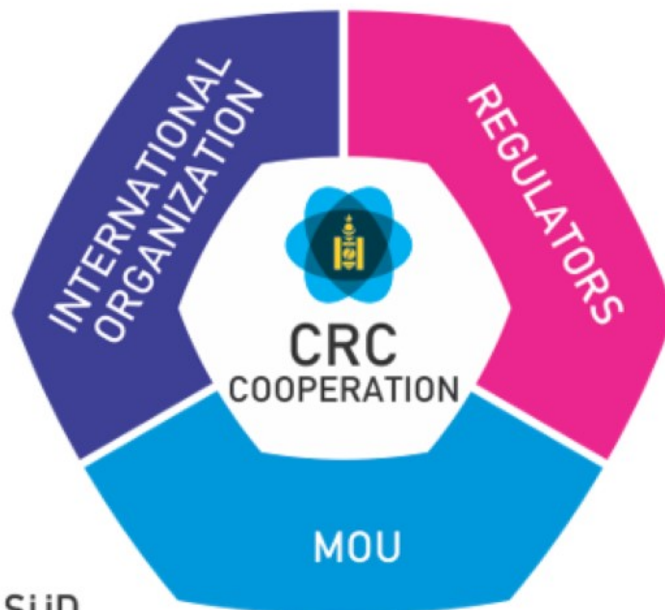
TÜV SÜD GERMANY

CRMO — CENTRAL RADIO MANAGEMENT OFFICE KOREA

NATIONAL PROGRAMS

- e-Mongolia
- Unified Registration System
- National Satellite
- Mailbox for every household
- Switch over television broadcasting to digital technology
- e-Government
- National Broadband Network
- Data Security

ON GOING REGULATORY PROJECTS

Preparation to implementation MNP

National Frequency Monitoring Project

Implementation of equipment type approval

COMMUNICATIONS
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OF MONGOLIA

IMPROVEMENT OF LEGAL ENVIRONMENT

- Amendment to Law on Licensing

- Amendment to Law on Custom (Parcel Issues)

- Amendment to Law on Communications

- Amendment to Law on Post

- Draft of Law on Broadcasting

- Draft of Law on Domain Name

REGULATORY GUIDELINES

- e-CRC project
  - Database of license holders
  - Database of statistic information
  - Billing and accounting

- Investigation of unified licensing regime

- Amendment to "Requirement for Broadcast Service"

- Amendment to "Requirement for Content"

- Reform Proposal on "Regulation and Requirement for Voice Call Service"

- Regulation for Website

REGULATORY ACTIVITIES

RADIO SPECTRUM MANAGEMENT
- –4G/LTE
- –WiFi
- –DVB-T2

NETWORK REGULATION
- –Enforcement of Separation Policy
- –Regulatory Guideline
- –International transit (parket) service

TV BROADCASTING
- –IPTV
- –Cable Channel
- –Drafting Law on Broadcasting

CONTENT REGULATION
- –Amendment on License Requirement
- –Drafting Law on Domain Name

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FUTURE REGULATORY FRAMEWORKS

IMPROVEMENT ON EFFICIENCY OF SPECTRUM UTILIZATION

-Re-farming Frequency (LTE)

-Frequency re-planning – National Monitoring of spectrum utilization

SUPPORT /ENDORSE/ FAIR COMPETITION

 -Mobile number portability

 -National roaming

 -SKA (Sender keeps all)

LICENSING REGULATION

-Investigation of technology neutral unified licensing regime

MARKET RESEARCH, CONSUMER PROTECTION:

- Type approval

COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA

THANK YOU FOR YOUR ATTENTION