Dr. Chuluunbat Tsendsuren
Head of Internet Service and Network Division
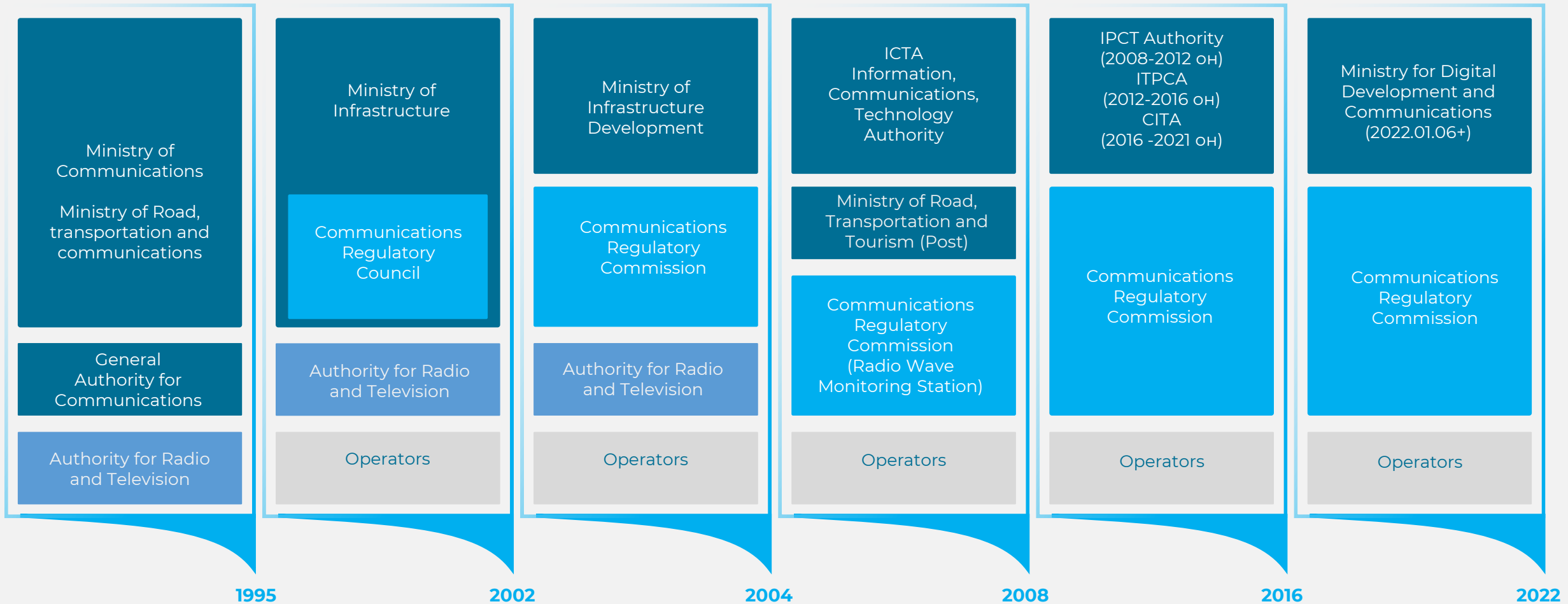
2023.09.27

BRIEF ABOUT INFORMATION AND COMMUNICATIONS SECTOR OF MONGOLIA

COMMUNICATIONS REGULATORY COMMISSION OF MONGOLIA

Communications Law (1995.12)

Communications Law (2001.10)

Ministry of Communications / Ministry of Road, transportation and communications	Ministry of Infrastructure	Ministry of Infrastructure Development	ICTA Information, Communications, Technology Authority	IPCT Authority (2008-2012 он) ITPCA (2012-2016 он) CITA (2016 -2021 он)	Ministry for Digital Development and Communications (2022.01.06+)
	Communications Regulatory Council	Communications Regulatory Commission	Ministry of Road, Transportation and Tourism (Post)	Communications Regulatory Commission	Communications Regulatory Commission
General Authority for Communications	Authority for Radio and Television	Authority for Radio and Television	Communications Regulatory Commission (Radio Wave Monitoring Station)		
Authority for Radio and Television	Operators	Operators	Operators	Operators	Operators

1995	2002	2004	2008	2016	2022

CRC'S FUNCTIONS

COMMUNICATIONS
REGULATORY
COMMISSION OF MONGOLIA

STATE

- National development strategy and policy
- Public property management
- Increase state revenue
- Efficient planning of resources

REGULATOR

Independent:
- Transparent and open
- Non-discrimination
- Financially independent

ХАРИЛЦАА ХОЛБООНЫ ЗОХИЦУУЛАХ ХОРОО

PRIVATE SECTOR

- Creating fair and competitive condition
- Protect interests of relevant stakeholders
- Ensure network compatibility
- Support technology innovations

CUSTOMER

- New service, application
- Versatile and good quality
- Meet the demand and purchasing power

OTHER LAWS APPLICABLE TO CRC`S ACTIVITIES

Transparency of public information Law	Personal data protection law	Cyber security Law	Election Law	Child protection Law	Child rights Law
Competition Law	General Administrative Law	Media Freedom Law	Advertisement Law	Intellectual property Law	Glass account Law
Consumer protection Law	Public procurement Law	State inspection law	Infringement Law	Government special fund Law	Public radio and TV Law and other Laws

CRC`S STRATEGY 2025

COMMUNICATIONS
REGULATORY
COMMISSION OF MONGOLIA

POLICY OBJECTIVE | VISION 2050
The quality of life of Mongolians will be improved by developing the digital economy using the advancement of information technology.

MISSION:
Ensuring accessibility for consumers to high-quality and advanced communication products and services, improving the regulatory system for participants mutual efficient cooperation.

VISION: Supporting the digital transition, becoming a G5 regulatory organization with factual, flexible and collaborative regulation.

OBJECTIVES:

Developing an equitable and accessible communication network and infrastructure to meet growing needs.

Supporting competition and innovation in the communications sector, creating an environment for the development of digital services

Quality and accessible communication and broadcasting services will be delivered to every Mongolian.

FUNDAMENTAL PRINCIPLES: Respecting national interests and laws, adhering to independent, transparent, and autonomous principles and cultivating the following values:
Honesty, Integrity and ethics, Professional, Continuous learner, Accountability

CRC`S OBJECTIVES

OBJECTIVE 1.
EQUITABLE AND ACCESSIBLE COMMUNICATION NETWORK AND INFRASTRUCTURE
Developing an equitable and accessible communication network and infrastructure to meet growing needs.

- Create technical and technological capability that can ensure to enforce legislations (QoS and TV monitoring system)
- Coordinate and allocate of radio frequencies for 5G
- Be approved radio frequency bands for next generation mobile communications in Mongolia by WRC 23
- Increase internet access coverage and ensure open network and shared infrastructure

OBJECTIVE 2.
OPTIMAL CHOICE OF TECHNOLOGY, FAVORABLE MARKET ENVIRONMENT
Supporting competition and innovation in the communications sector, creating an environment for the development of digital services.

- Support the investment in 5G network (working with government to have tax discount on 5G network equipment)
- Introduce LEO satellite services in Mongolia and coordinating and allocating radio frequencies for LEO satellite
- Renew radio frequency utilization fee
- Commence to regulate information network including data centers, content delivery networks, IXP.
- Implement IPv6 transition in internet network

OBJECTIVE 3.
QUALITY SERVICE, SKILLED CUSTOMER
Quality and accessible communication and broadcasting services will be delivered to every Mongolian.

- Enhance cooperation between international platforms (Facebook, YouTube, Instagram)
- Increase stakeholder engagement in regulatory intervention and protecting public interest in the internet medium, especially ISPs
- Within this, organize public awareness activities such as organizing trainings involving relevant parties, publishing manuals and increasing participation of parents. educators
- Implement "National radio frequency monitoring system" and EMC&RF laboratory for type approval of communications equipment
- Obtaining support from state to develop local broadcasting contents – Broadcasting Development Fund

COMMUNICATIONS LICENSED SERVICES

COMMUNICATIONS
REGULATORY
COMMISSION OF MONGOLIA

193 thous. M2M subscriptions

3.1 mill. 4G/LTE subscriptions

3.6 mill. 3G subscriptions

4.0 mill. mobile broadband subscriptions

4.8 mill. Mobile- cellular telephone subscriptions

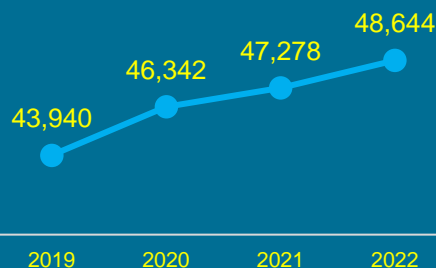**475 thous.**
Fixed telephone
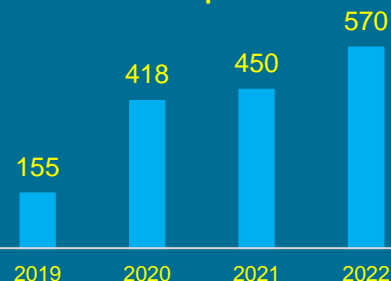subscriptions

436 thous.
Fixed internet
subscriptions

372 thous. IPTV subscriptions

760 thous. Total television multichannel
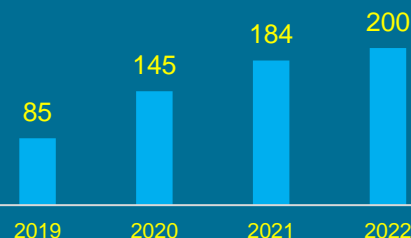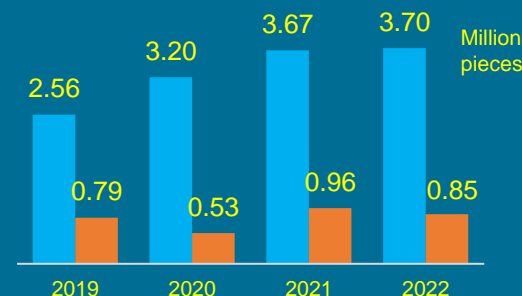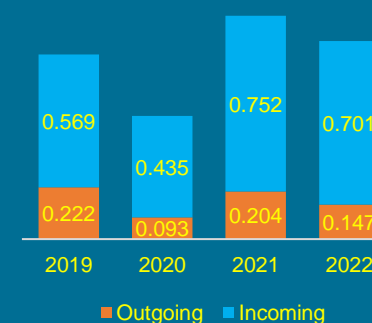subscriptions (including IPTV)

Transmission network, km

2019	2020	2021	2022
43,940	46,342	47,278	48,644

International bandwith, Gbps

2019	2020	2021	2022
155	418	450	570

ISP usage, Gbps

2019	2020	2021	2022
85	145	184	200

■ Domestic post traffic
■ International post traffic

	2019	2020	2021	2022
Domestic post traffic	2.56	3.20	3.67	3.70
International post traffic	0.79	0.53	0.96	0.85

Million pieces

International Post traffic, million pieces

	2019	2020	2021	2022
Incoming	0.569	0.435	0.752	0.701
Outgoing	0.222	0.093	0.204	0.147

■ Outgoing ■ Incoming

APPROPRIATE USE OF THE INTERNET AND DIGITAL TECHNOLOGY

According to Section 8.2 of Article 8 of the Child Protection Law, the Communications Regulatory Commission and the National Police Agency function *to regularly inform the public of the recommendations and guidelines for protecting children from games, news, information, advertisements, and online networks that may adversely affect children's development, health, upbringing and maturation and monitor their activities.*

http://www.ekids.mn/

Since 2013

Removing, preventing and reporting online child sexual abuse images & videos

Tips and recommendations for students, parents and teachers

All types of social networks and their policies

Guidelines and handbooks for teens and parents *(225 posters, 100 video contents, & 230 articles)*

IWF Child Sexual Abuse Image and Video Reporting System: **In 2021, a total of 96 requests were submitted.**

eKids.mn

APPROPRIATE USE OF THE INTERNET AND DIGITAL TECHNOLOGY

1. "black-list.mn" system

In case of publication of content that violates the Mongolian laws, according to the decision and conclusion of the competent authority, the website that violates the laws is blacklisted and technical measures are taken to restrict access from the territory of Mongolia through DNS system registration.

2. Facebook "Government Case Work Channel"

CRC and Facebook have agreed that it is necessary to work together to create a safe and ethical social network environment in Mongolia. To cooperate with the commission in limiting illegal content. As a result, the "Government-Case-Work-Channel" or green channel for direct communication, which is necessary for the quick resolution of complaints about any illegal content and the implementation of regulations, was officially established in Mongolia for the first time in October 2019.
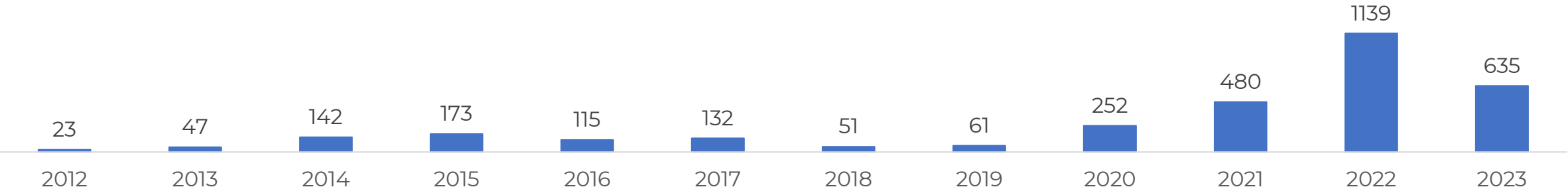
3. "Youtube trusted partner"

Starting from May 2021, in cooperation with the Youtube platform, CRC has begun reporting illegal contents using the "Trusted partner" mode.
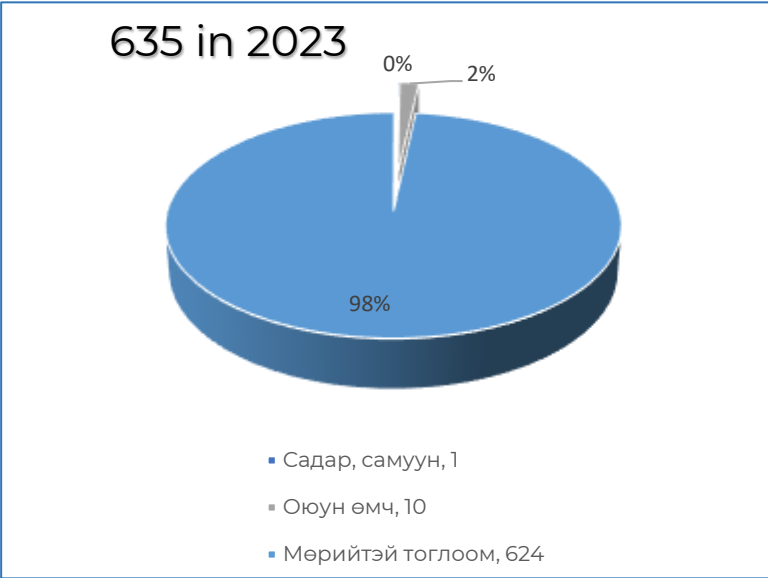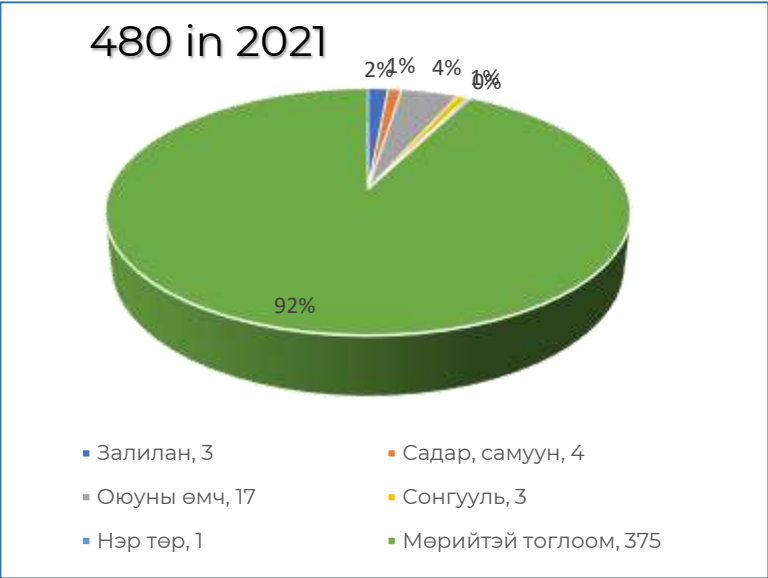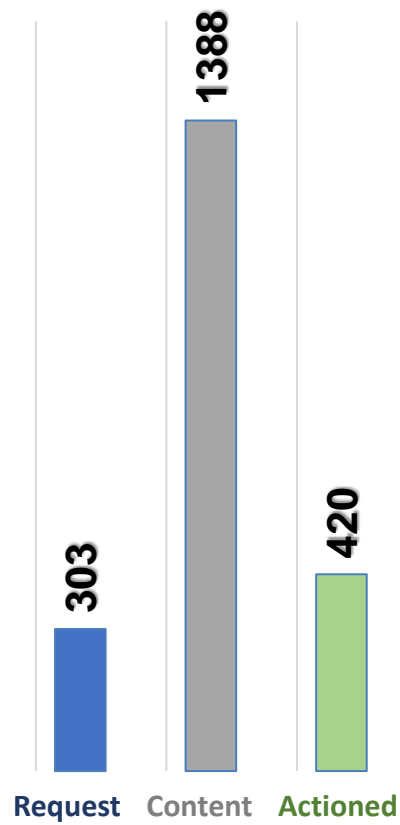
4. "Internet Watch Foundation" Report system

In cooperation with UNICEF, the Internet Watch Foundation (IWF) reporting system was introduced as an additional form of the ekids.mn site, providing the opportunity to report and limit the images and videos of sexual abuse of children by the IWF.

APPROPRIATE USE OF THE INTERNET AND DIGITAL TECHNOLOGY

3250 websites were blacklisted between 2012 and 2023

Year	Count
2012	23
2013	47
2014	142
2015	173
2016	115
2017	132
2018	51
2019	61
2020	252
2021	480
2022	1139
2023	635

Blacklisted websites by type:

480 in 2021
2% 1% 4% 0%
92%

- Залилан, 3
- Садар, самуун, 4
- Оюуны өмч, 17
- Сонгууль, 3
- Нэр төр, 1
- Мөрийтэй тоглоом, 375

1139 in 2022
0%
5%
95%

- Садар, самуун, 3
- Оюун өмч, 51
- Мөрийтэй тоглоом, 1085

635 in 2023
0% 2%
98%

- Садар, самуун, 1
- Оюун өмч, 10
- Мөрийтэй тоглоом, 624

APPROPRIATE USE OF THE INTERNET AND DIGITAL TECHNOLOGY

COMMUNICATIONS
REGULATORY
COMMISSION OF MONGOLIA

303
1388
420

Request Content Actioned

2022

96
509
98

Request Content Actioned

2023

30%
1388 links 420 removed
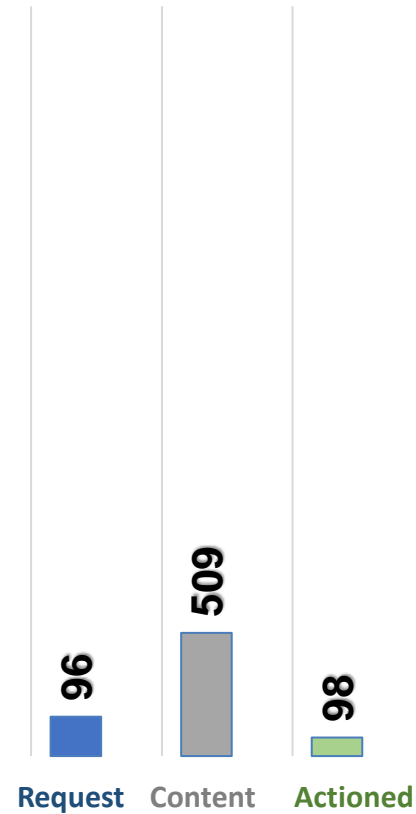
19%
509 links 98 removed

As of 1 Aug 2023

- Establishing Regional Settings for Illegal Applications:
  - Creation of regional settings for the platforms that will prevent the download and use of illegal applications.
- Building Technical and Technological Capabilities:
  - To ensure compliance with local laws and regulations, LLDCs should collectively invest in building technical and technological capabilities.
- Increasing Participation of Relevant Stakeholders:
  - Collaboration with operators providing internet and mobile communication services is vital.
- Joint Training Seminars and Knowledge Sharing
  - We propose organizing joint training seminars and producing comprehensive guidelines that address the specific challenges and nuances of LLDCs.
- Cooperation in Providing Knowledge and Education to Users:
  - Collaboration with international platforms is essential to disseminate knowledge and education to users.
- Cross Border RF Interference Management
  - We should also collaborate on Cross Border RF Interference Management.