

Infrastructure



Human Rights

critical
Infrastructure
lab





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1. Human Rights

Universal Declaration of Human Rights

- International Covenant on Civil and Political Rights (ICCPR) 1966
 - International Covenant on Economic, Social and Cultural Rights (ICESCR) 1966
 - International Convention on the Elimination of All Forms of Racial Discrimination (ICERD) 1965
 - Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) 1979
 - Convention on the Rights of Persons with Disabilities (CRPD) 2006
-

Key International Human Rights Treaties

- International Covenant on Civil and Political Rights (ICCPR, 16 December 1966)
- International Covenant on Economic, Social, and Cultural Rights (ICESCR, 16 December 1966)
- Convention on the Elimination of All Forms of Racial Discrimination (ICERD, 21 December 1965)
- Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW, 18 December 1979)
- Convention against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment (CAT, 10 December 1984)
- Convention on the Rights of the Child (CRC, 20 November 1989)
- International Convention on the Protection of the Rights of All Migrant Workers and Members of Their Families (ICMW, 18 December 1990)
- Convention on the Rights of Persons with Disabilities (CRPD, 13 December 2006)

Universal Declaration of Human Rights

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- Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) 1979
- Convention on the Rights of Persons with Disabilities (CRPD) 2006

- UN Guiding Principles on Business and Human Rights (2011)
- UN Global Compact (2000)

- Protect (states)
 - Respect (non state actors)
 - Remedy
-

THREE PILLARS of the UN GUIDING PRINCIPLES

HUMAN RIGHTS

PROTECT

STATE

duty to
protect

RESPECT

CORPORATE

responsibility
to respect

REMEDY

VICTIMS

access to
effective remedy

Integrated HRIAs

Human rights integrated into Environmental, Social and/or Health Impact Assessments

Children's rights impact assessments integrated into wider HRIAs

Stand-alone HRIAs

Company-led HRIAs

Community-led HRIAs

Issue based HRIAs

Product based HRIAs

Sector-Wide Impact Assessments

Looking at an entire sector rather than a project

Multi-stakeholder HRIAs

Do not exist yet – could this be the way forward?

Summary of criteria for human rights impact assessment

Process	Participation	<ul style="list-style-type: none"> • Rights-holders and duty bearers • Throughout the process
	Non-discrimination	<ul style="list-style-type: none"> • Inclusive engagement and consultation • Gender-sensitive • Vulnerable individuals and groups
	Empowerment	<ul style="list-style-type: none"> • Capacity building to participate
	Transparency	<ul style="list-style-type: none"> • Process and outcomes
	Accountability	<ul style="list-style-type: none"> • Assessment team is supported by human rights expertise • Responsibilities for mitigation are assigned and adequately resourced • Entitlements of rights-holders and the duties of duty-bearers identified
Content	Benchmark	<ul style="list-style-type: none"> • Human rights standards
	Scope	<ul style="list-style-type: none"> • Actual and potential impacts • Impacts caused by the business, impacts to which the business contributes and impacts which are linked through business relationships • Legacy issues and cumulative impacts are considered
	Interrelated impacts	<ul style="list-style-type: none"> • Interrelatedness of human rights is considered
	Assessing and addressing impacts	<ul style="list-style-type: none"> • Impacts are evaluated and addressed according to their severity • No offsetting
	Access to remedy	<ul style="list-style-type: none"> • Avenues whereby rights-holders can raise concerns or complaints • During and after the assessment

International law is hard, EU to the rescue?

Company Focused Initiatives

- B.1 Proposed Corporate Sustainability Due Diligence Directive
- B.2 Corporate Sustainability Reporting Directive
- B.3 European Sustainability Reporting Standards

Finance Focused Initiatives

- C.1 Sustainable Finance Disclosure Regulation
- C.2 The Green Taxonomy
- C.3 Taxonomy Extension – The Social Taxonomy

Trade And Import/export Controls

- D.1 Conflict Minerals Regulation
- D.2 Timber Regulation
- D.3 Regulation On Deforestation-free Products
- D.4 A Proposed Import Ban On Goods Produced With Forced Labour

Green Transition

- E.1 Batteries Regulation
- E.2 Critical Raw Materials Act

Digital Ecosystem-focused Initiatives

- F.1 Digital Services Act
- F.2 Eu Artificial Intelligence Act
- F.3 Artificial Intelligence Liability Directive
- F.4 General Product Safety Regulation
- F.5 General Data Protection Regulation
- F.6 Regulation On Trade Of Dual-use Items

Public Procurement

International law is hard, NL to the rescue?

Pillars of the Dutch internet policy

Governance **on** and **off** the internet

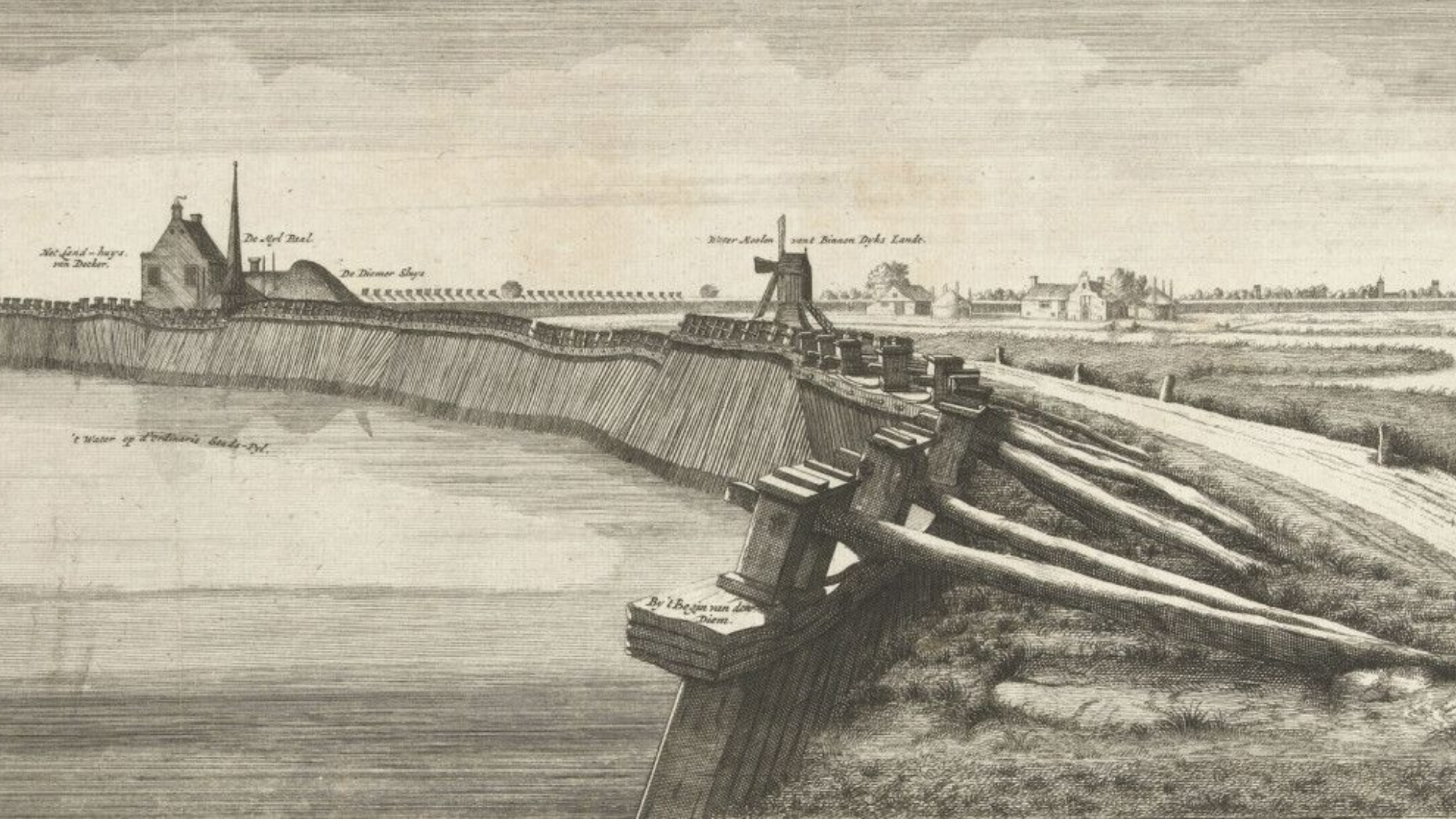
Protect the **public core** of the internet

Values: **open, free, and secure**

Multi-stakeholder governance

- Dutch National Cyber Strategy 2023
 - Strategy Digital Economy 2022
 - Dutch Digitalization Strategy 2021
 - AIV report: The Internet (and cabinet response) 2016
 - WRR report: the Public Core of the Internet (and cabinet response) 2015
-

2. Infrastructure



Het Land-huys
van Decker.

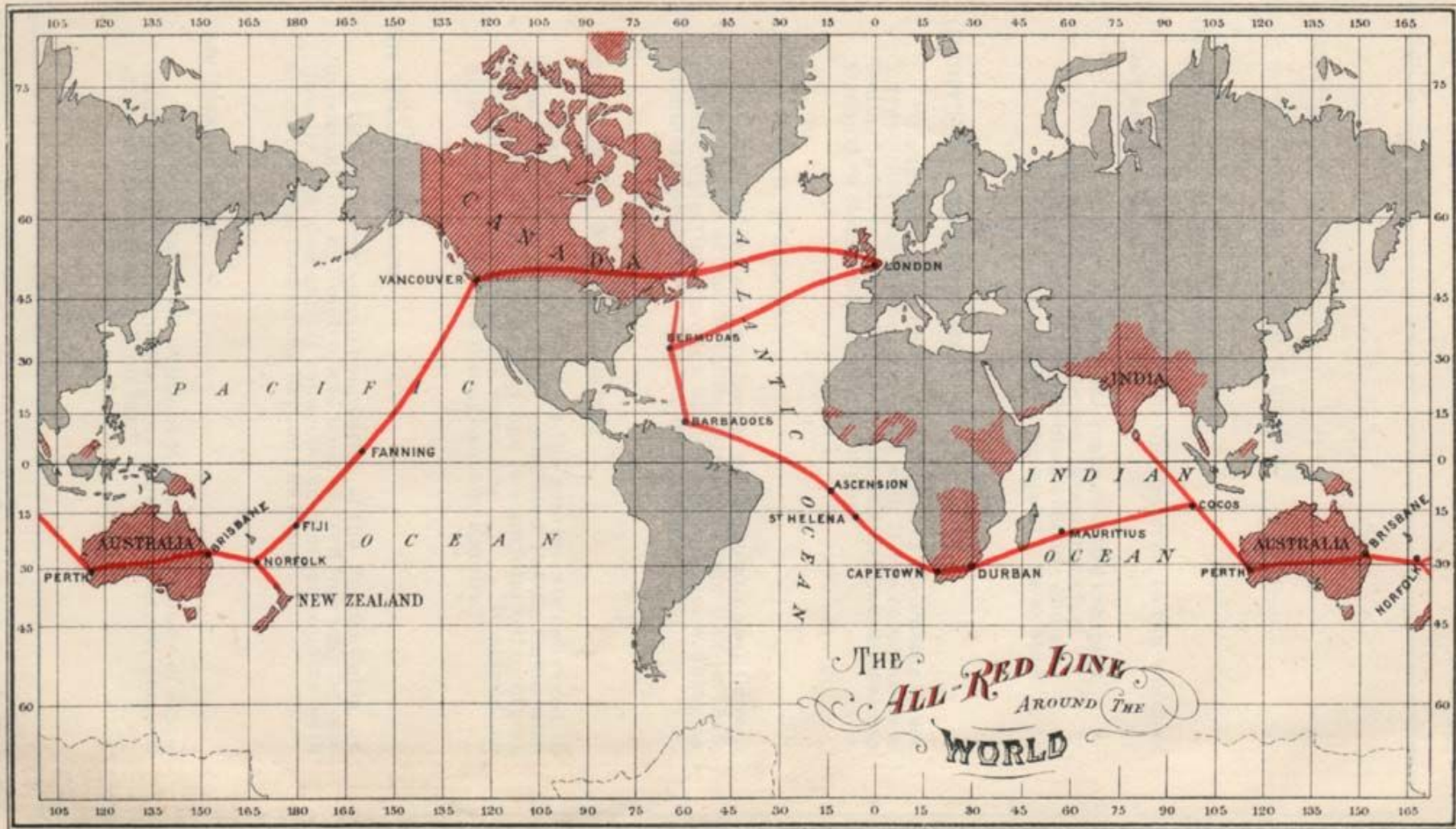
De Hof Beel.

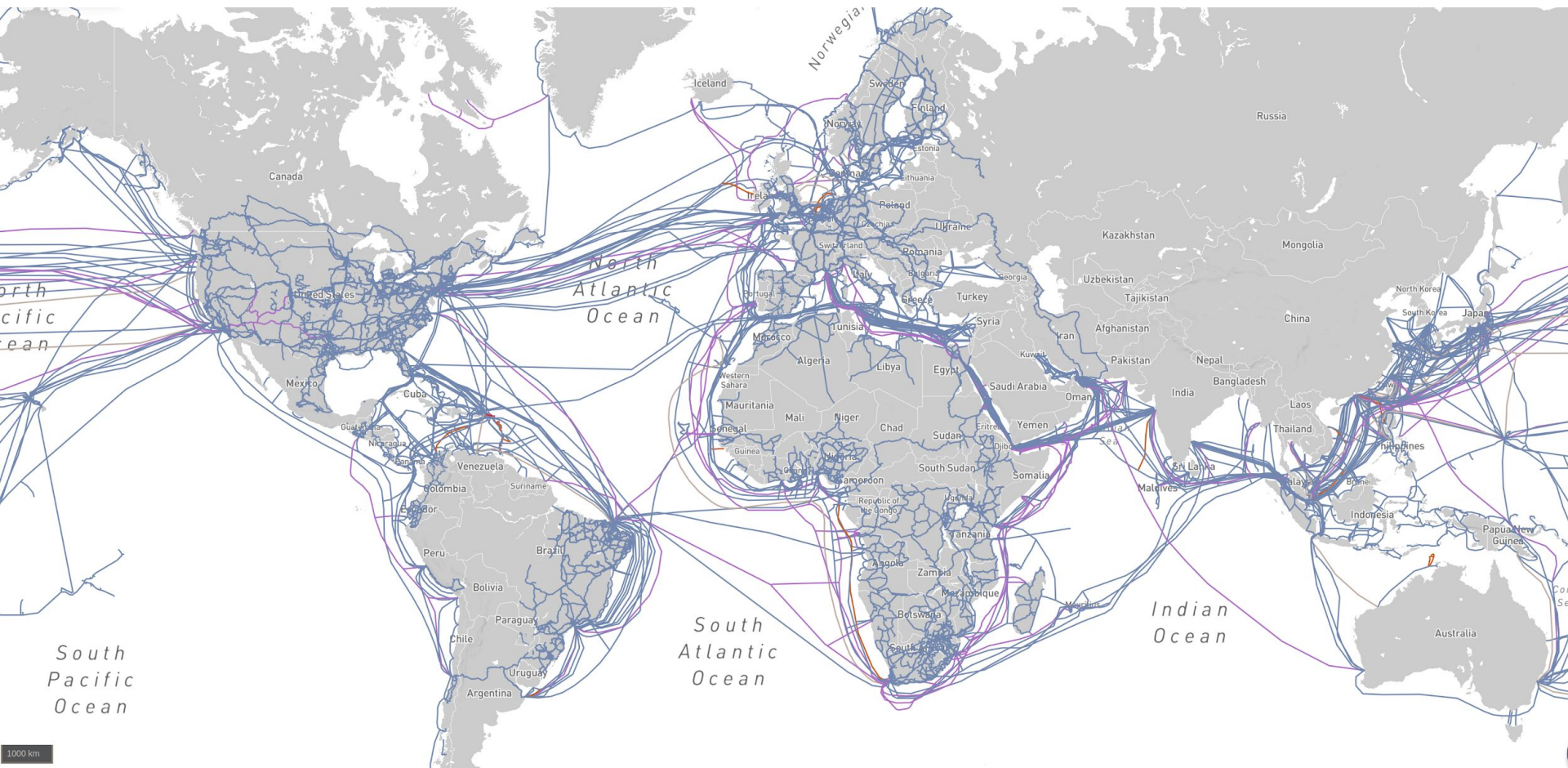
De Diemer Sluys

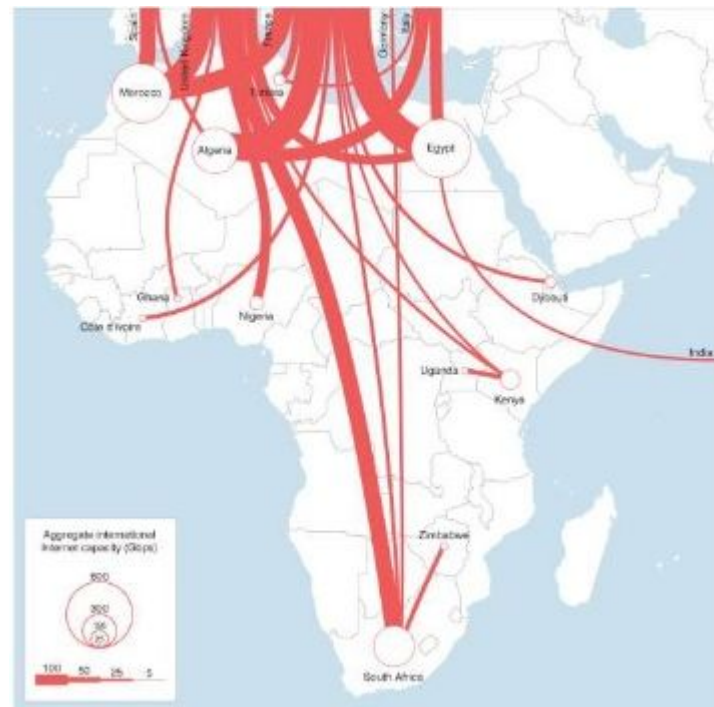
Wijter Molen van't Binnen Dyks Lande.

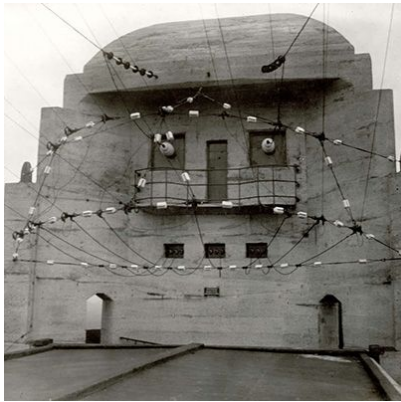
t Water op t'ordinaire Gedy-tyl.

De 't Begin van den
Diem.











3. Infrastructure and Human Rights

3.1 Sanctions



February 2014 - Russia invaded Ukraine

Annexation of Crimea and illegal military operations in Ukraine's eastern Donbas region by the Russian state.

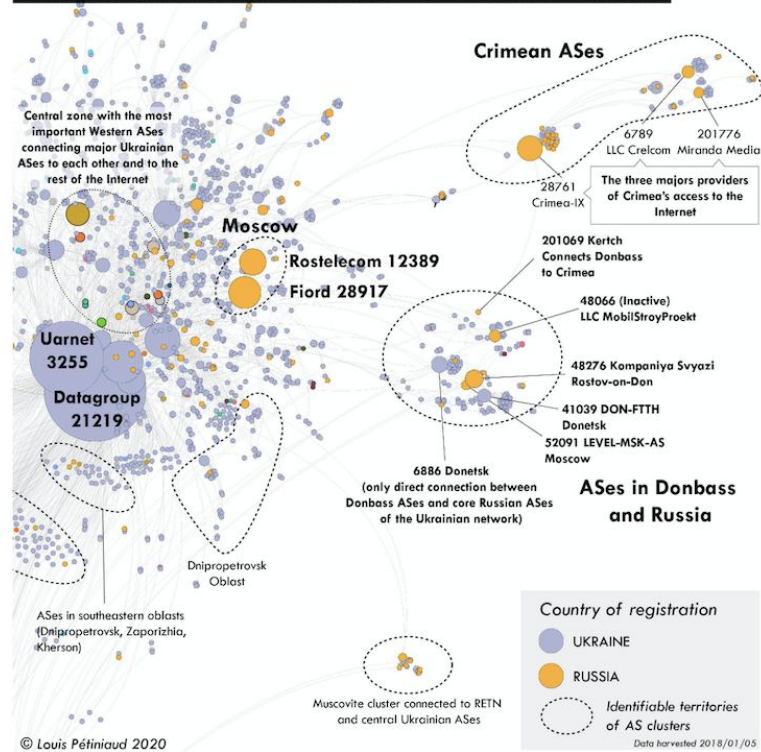
EU create two sanctions packages:

"Council Regulation (EU) No 833/2014 of 31 July 2014 concerning restrictive measures in view of Russia's actions destabilizing the situation in Ukraine" and "Council Regulation (EU) No 269/2014 of 17 March 2014 concerning restrictive measures in respect of actions undermining or threatening the territorial integrity, sovereignty and independence of Ukraine"

February 2022 - Russia started a full scale invasion attempt of Ukraine.

Updates to the sanction packages

TOPOLOGICAL ARCHITECTURE AND TERRITORIALIZATION OF DONBASS AND CRIMEA



The Executive Board of the RIPE NCC believes that the means to communicate should not be affected by domestic political disputes, international conflicts or war. This includes the provision of correctly registered Internet numbering resources.

The Executive Board of the RIPE NCC is committed to taking all lawful steps available to ensure that the RIPE NCC can provide uninterrupted services to all members across our service region and the global Internet community.

The RIPE NCC will publicly document all its efforts to ensure that the registry is not negatively affected by laws, regulations or political developments.

organisation: ORG-TFGS1-RIPE
org-name: The Federal Guard Service of the Russian Federation
country: RU
org-type: LIR
address: Bolshoi Kiselny per. 4
address: 107031
address: Moscow
address: RUSSIAN FEDERATION
phone: +74956062863
fax-no: +74956060333
e-mail: noc@gov.ru
abuse-c: AR16670-RIPE
mnt-ref: tfgs-mnt
mnt-ref: RIPE-NCC-HM-MNT
mnt-by: RIPE-NCC-HM-MNT
mnt-by: tfgs-mnt
created: 2008-12-30T14:07:36Z
last-modified: 2020-12-16T12:29:29Z
source: RIPE

Sanctioned organisation	Hostname	Source	Remark/Date added
Russia Today English	www.rt.com	Council Decision 2022/351 [11]	1 March 2022
Russia Today UK	www.rt.com	Council Decision 2022/351 [11]	1 March 2022
Russia Today Germany	de.rt.com	Council Decision 2022/351 [11]	1 March 2022
	deutsch.rt.com	Council Decision 2022/351 [11]	1 March 2022
Russia Today France	francais.rt.com	Council Decision 2022/351 [11]	1 March 2022
	fr.rt.com	Council Decision 2022/351 [11]	1 March 2022
RT en español	actualidad.rt.com	Council Decision 2022/351 [11]	1 March 2022
	actualidad-rt.com	Council Decision 2022/351 [11]	1 March 2022
Sputnik	www.sputniknews.com	Council Decision 2022/351 [11]	1 March 2022
	sputniknewslv.com	Council Decision 2022/351 [11]	1 March 2022
	sputniknews.gr	Council Decision 2022/351 [11]	1 March 2022
	sputniknews.cn	Council Decision 2022/351 [11]	1 March 2022
	radiosputnik.ria.ru	Council Decision 2022/351 [11]	1 March 2022
	sputnikglobe.com	Council Decision 2022/351 [11]	Registered 29 March 2023, sputniknews.com now redirects to this domain name.
Rossiia RTR / RTR Planeta	www.rtr-planeta.com	Council Decision 2022/884 [12]	3 June 2022
	rtr-planeta.ru	Council Decision 2022/884 [12]	3 June 2022
	vgtrk.ru	Council Decision 2022/884 [12]	3 June 2022
Rossiia 24 / Russia 24	www.vesti.ru	Council Decision 2022/884 [12]	3 June 2022
TV Centre International	www.tvc.ru	Council Decision 2022/884 [12]	3 June 2022
	tvci.ru	Council Decision 2022/884 [12]	3 June 2022
NTV/NTV Mir	ntv.ru	Council Decision 2022/2478 [9]	16 December 2022
Rossiia 1	smotrim.ru	Council Decision 2022/2478 [9]	16 December 2022
REN TV	ren.tv	Council Decision 2022/2478 [9]	16 December 2022
Pervyi Kanal	1tv.ru	Council Decision 2022/2478 [9]	16 December 2022
RT Arabic	www.rtarabic.com	Council Decision 2023/434 [15]	25 February 2023
Sputnik Arabic	sputnikarabic.ae	Council Decision 2023/434 [15]	25 February 2023

	Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	Denmark	Estonia	Finland	France	Germany	Greece	Hungary	Ireland	Italy	Latvia	Lithuania	Luxembourg	Malta	Netherlands	Poland	Portugal	Romania	Slovakia	Slovenia	Spain	Sweden	Switzerland	United Kingdom	Russian Federation	United States	
ASes	9	6	6	3	2	11	11	2	10	16	36	5	3	6	16	3	2	1	1	9	6	5	5	3	4	6	11	27	18	47	45	
Upstream resolvers	28	23	10	3	6	38	17	3	15	107	190	8	5	16	37	4	3	2	4	48	18	16	15	6	9	14	38	109	61	84	253	
VPs	66	131	18	8	5	56	33	6	71	675	657	22	21	57	106	5	3	2	4	224	30	312	16	8	15	69	66	196	225	116	687	
www.rtr.com	10	0	45	0	0	53	63	0	4	3	19	0	0	30	19	0	0	0	9	19	0	0	0	0	0	32	80	75	99	100	98	
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sputniknews.lv.com	100	6	42	100	0	52	60	0	0	57	60	100	38	27	28	25	100	100	0	44	100	100	100	0	0	34	100	81	100	100	100	99
sputniknews.gr	100	3	25	66	0	46	72	0	0	57	61	11	41	21	34	50	100	100	0	43	100	100	100	0	0	100	95	98	100	100	99	
sputniknews.cn	100	3	33	0	0	53	72	0	4	55	57	100	33	31	31	50	100	100	0	42	100	100	100	0	0	11	100	93	99	100	100	100
radiosputnik.ru	13	55	53	100	100	75	100	0	4	99	100	100	100	100	100	50	100	0	0	100	21	100	100	0	0	100	100	84	99	100	97	100
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www.rtr-planet.ru	28	38	100	66	100	100	100	100	11	93	99	100	100	50	100	100	100	0	46	35	1	100	100	100	100	100	100	100	100	100	100	100
rtr-planet.ru	4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100	100	100	100	100	100	100
vgtrk.ru	100	100	100	100	100	100	90	100	58	100	37	100	100	100	100	100	100	100	0	100	25	99	100	100	100	100	100	100	100	100	100	100
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ntv.ru	13	41	100	0	100	100	90	0	51	100	33	100	100	90	100	50	100	100	100	35	13	100	100	100	100	100	100	100	100	100	100	100
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esrt.press	21	100	100	100	100	100	100	100	99	99	100	100	100	98	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97	100
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rtde.team	17	100	100	100	100	100	100	100	99	28	100	100	100	98	0	100	100	100	100	99	100	53	100	100	100	100	100	100	99	100	100	100
test.rtde.live	18	100	100	100	100	100	100	100	100	25	100	100	100	90	100	50	100	100	100	99	100	47	100	100	100	100	100	100	99	100	100	100
rtde.live	17	100	100	100	100	100	100	100	100	99	100	100	100	100	58	100	100	100	100	100	40	100	100	100	100	100	100	100	99	100	100	100
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rtde.world	16	100	100	100	100	100	100	100	100	32	100	100	90	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
rtde.me	16	100	100	100	100	100	100	100	100	27	100	100	100	98	100	100	100	100	100	100	100	100	100	66	100	100	100	100	100	100	100	99
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www.russisches-tv-fernsehen.de	100	100	100	60	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99
ontvtime.tv	100	57	100	60	100	100	92	0	100	99	39	100	100	38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
spbtv.online	100	100	100	100	100	100	100	0	100	99	31	100	100	90	100	100	100	100	100	100	56	100	100	100	100	100	100	100	100	100	100	100
www.coolstreaming.us	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99
www.livebdtv.net	100	100	100	100	100	100	100	0	100	100	44	100	100	100	98	100	100	100	100	100	99	100	100	100	100	100	100	100	100	100	100	100
snanews.de	16	1	62	50	0	66	69	100	0	55	25	100	0	27	92	100	100	100	0	99	100	99	100	100	33	100	100	100	100	100	100	98
duma.gov.ru	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
www.sber-bank.by	100	100																														

3.2 Standards

Internet Research Task Force (IRTF)
Request for Comments: 8280
Category: Informational
ISSN: 2070-1721

N. ten Oever
ARTICLE 19
C. Cath
Oxford Internet Institute
October 2017

Research into Human Rights Protocol Considerations

Abstract

This document aims to propose guidelines for human rights considerations, similar to the work done on the guidelines for privacy considerations ([RFC 6973](#)). The other parts of this document explain the background of the guidelines and how they were developed.

This document is the first milestone in a longer-term research effort. It has been reviewed by the Human Rights Protocol Considerations (HRPC) Research Group and also by individuals from outside the research group.

8. Human Rights Considerations

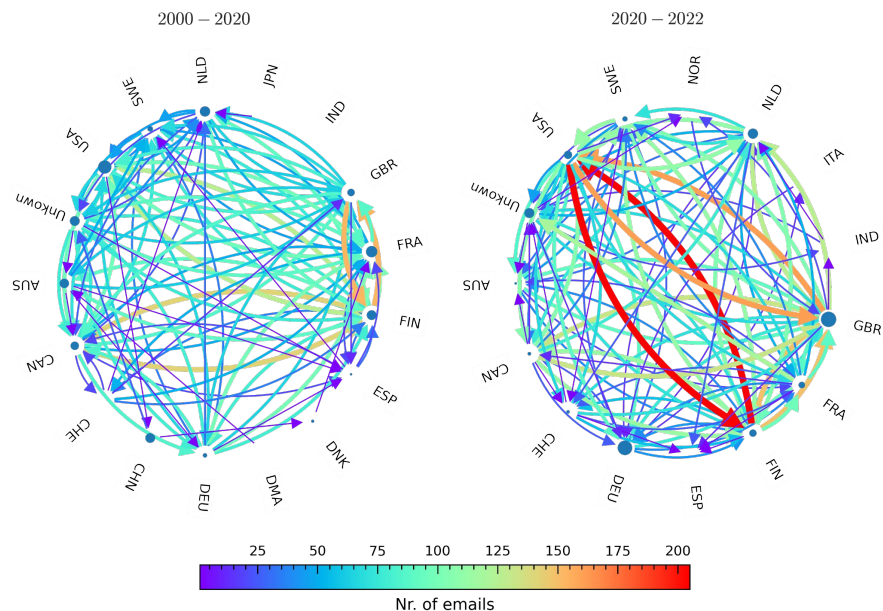
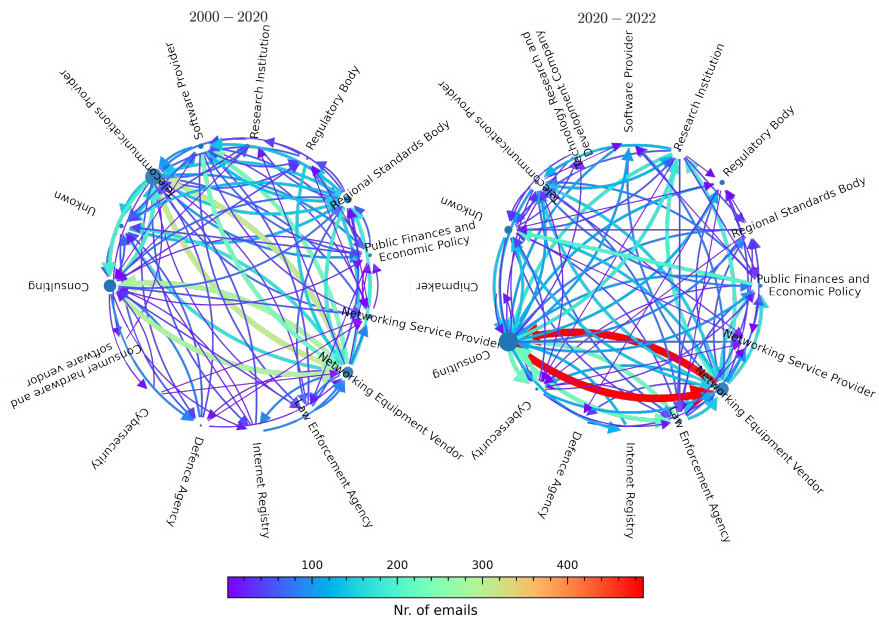
At the time of publication of this document, there was a growing interest in considering the impacts that IETF (and IRTF) work can have on human rights; some related research is discussed in [\[RFC8280\]](#). As such, the human rights considerations of TLS-PWD are presented here.

The key exchange underlying TLS-PWD uses public key cryptography to perform authentication and authenticated key exchange. The keys it produces can be used to establish secure connections between two people to protect their communication. Implementations of TLS-PWD, like implementations of other TLS ciphersuites that perform authentication and authenticated key establishment, are considered "armaments" or "munitions" by many governments around the world.

The most fundamental of human rights is the right to protect oneself. The right to keep and bear arms is an example of this right. Implementations of TLS-PWD can be used as arms, kept and borne, to defend oneself against all manner of attackers -- criminals, governments, lawyers, etc. TLS-PWD is a powerful tool in the promotion and defense of universal human rights.



5G is a tool for 'lawful intercept' (aka targeted surveillance)



5G is also a standard with maintained infrastructural insecurities

In this paper we look at responses in the 3GPP to three cases of telecommunication vulnerabilities:

1. **SS7**
a security flaw in Signaling System No. 7 (SS7) that allows for data interception and surveillance, SMS interception and location tracking by third parties
 2. **IMSI catchers**
the lack of encryption of permanent identifiers that allowed for the deployment of rogue base stations, which allowed for man-in-the-middle attacks, resulting in interception of all voice and data traffic in a physical signal vicinity, and
 3. **Resistance to Static Key Exfiltration**
the lack of forward secrecy (PFS) between user equipment and the home network, which allows for the decryption of current encrypted data stream if credentials were obtained in the past.
-

Methods

LISTSERV			Log In
3GPP_TSG_SA_WG3 Archives October 2023, Week 3			
3GPP_TSG_SA_WG3@LIST.ETSI.ORG			
Options:	● Quantitative analysis of communication patterns on mailing lists (by using <u>BigBang</u>)		
Subject	From	Date	
Re: [SA3#113][SID][eZTS] Study on enablers for Zero Trust Security	Sheeba Baskaran	Thu, 19 Oct 2023 11:35:09 +0000	
Re: [SA3#113][SID][eZTS] Study on enablers for Zero Trust Security	Sheeba Baskaran	Thu, 19 Oct 2023 10:14:15 +0000	
3GPP CT1, CT3, CT4, CT6, SA1, SA2, SA3	Sheeba Baskaran	Thu, 19 Oct 2023 09:15:45 +0000	
3GU reservation SA3#113	Mirko Cand Soveri	Wed, 18 Oct 2023 12:11:51 +0000	
[SA3#113][SID][FS_SecXR] Study on the security	Anand Palanigounder	Wed, 18 Oct 2023 15:55:41 +0800	
Leaving Qualcomm	Suresh P. Nair (Nokia)	Wed, 18 Oct 2023 01:30:35 +0000	
Re: [SA3#113] draft agenda	Sheeba Baskaran	Tue, 17 Oct 2023 12:15:14 +0000	
Re: [SA3#113][SID][eZTS] Study on enablers for Zero Trust Security	Chang Liu	Tue, 17 Oct 2023 09:16:27 +0000	
Re: [SA3#113][SID][PimnNpn_Sec] New SID on security for PLMN hosting a NPN	沈军	Tue, 17 Oct 2023 11:34:58 +0800	
[SA3#113][SID][FS_CA] Study on enablers for Zero Trust Security	Cho, Minyoung	Tue, 17 Oct 2023 01:51:23 +0000	
Re: [SA3#113][SID][eZTS] Study on enablers for Zero Trust Security	Sheeba Baskaran	Mon, 16 Oct 2023 12:54:59 +0000	
[SA3#113][SID][FS_EX] Study on enablers for Zero Trust Security	Ferhat Karakoc	Mon, 16 Oct 2023 09:49:46 +0000	
[SA3#113][SID][FS_SecXR] Study on enablers for Zero Trust Security	Minpeng Qi	Mon, 16 Oct 2023 17:31:41 +0800	

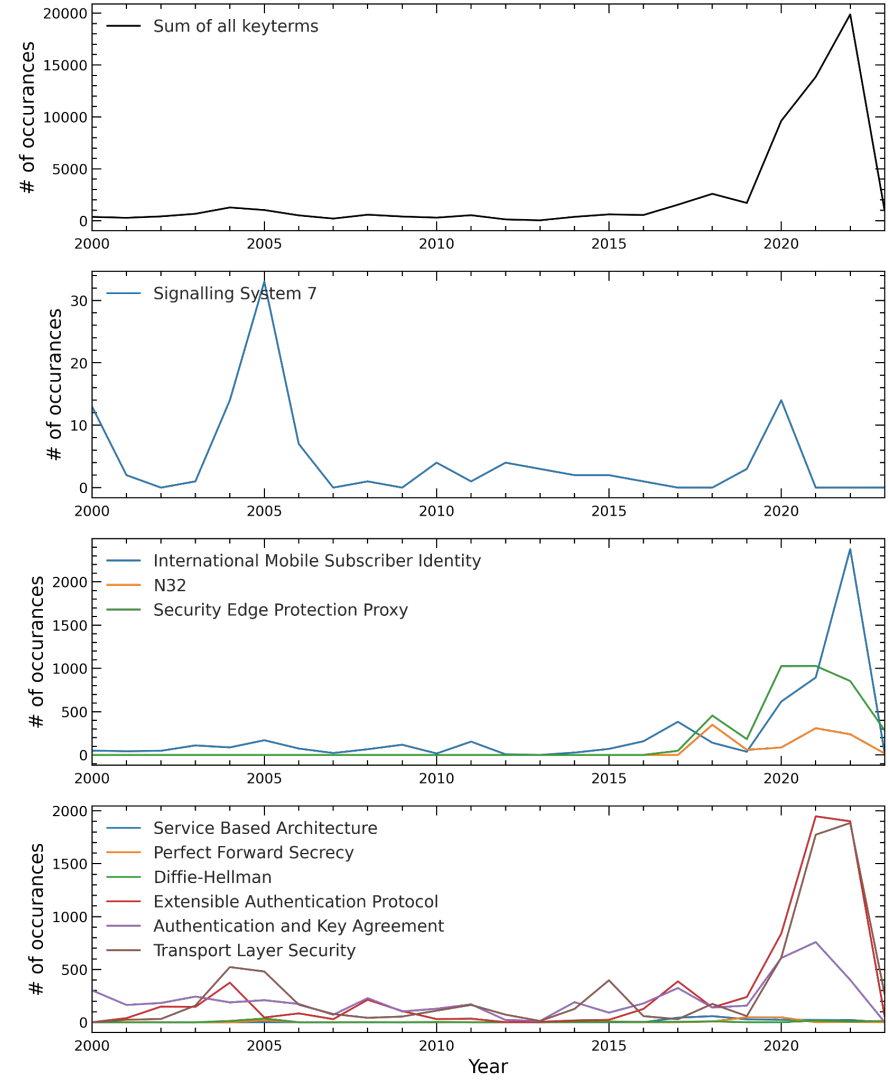
Coordinated Vulnerability Disclosure (CVD)



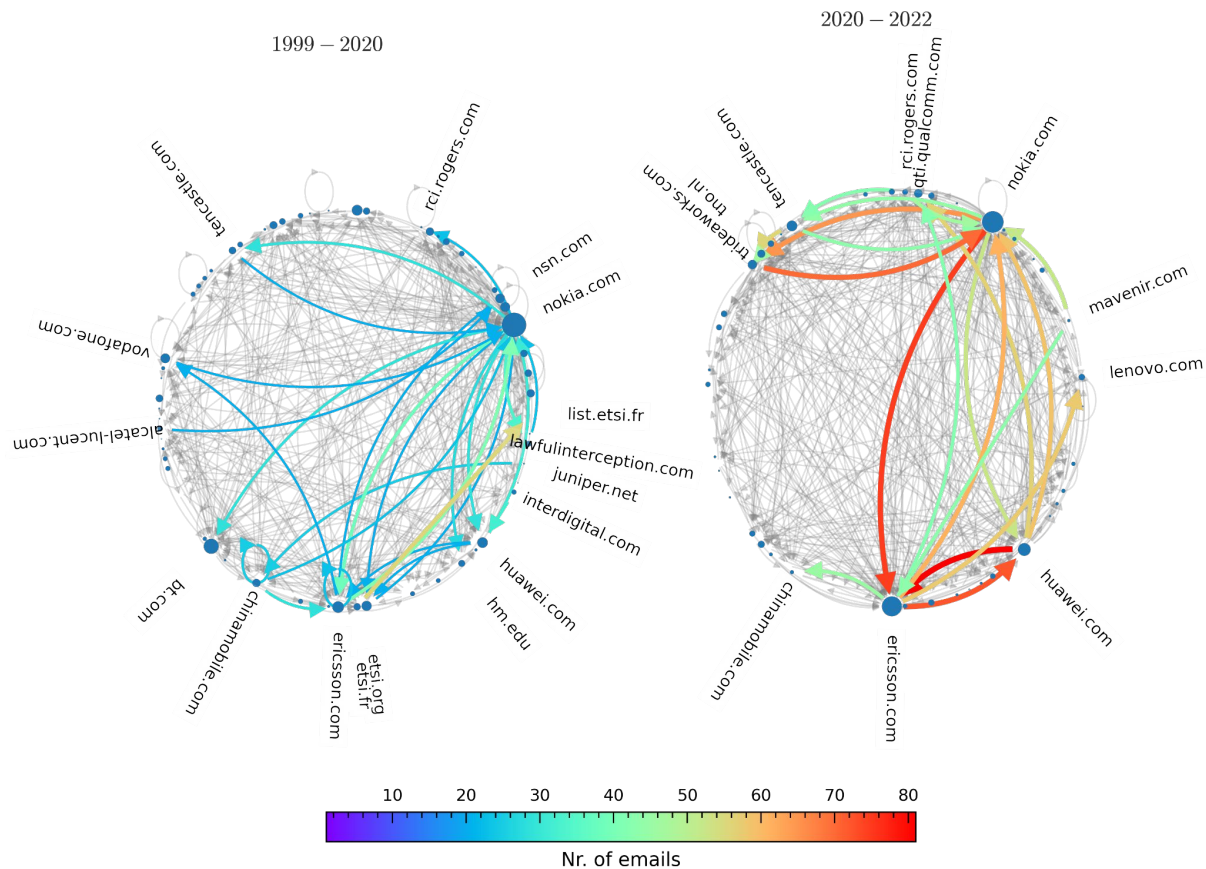
In conjunction with other Standards Development Organizations and related bodies, 3GPP has put in place a mechanism by which individuals or organizations can notify us of suspected or proven vulnerability caused by errors, omissions or ambiguities in our Technical Specifications, particularly those which could give rise to security breaches or loopholes which could compromise components of 3GPP networks, terminal equipment connected to those networks, or to other interworking networks or equipment.

We take such threats seriously and will do our utmost to resolve any vulnerabilities notified to us so that users of our Technical Specifications can do so with confidence that they do not present opportunities for malicious third parties to discover and exploit any shortcomings in our Specs.

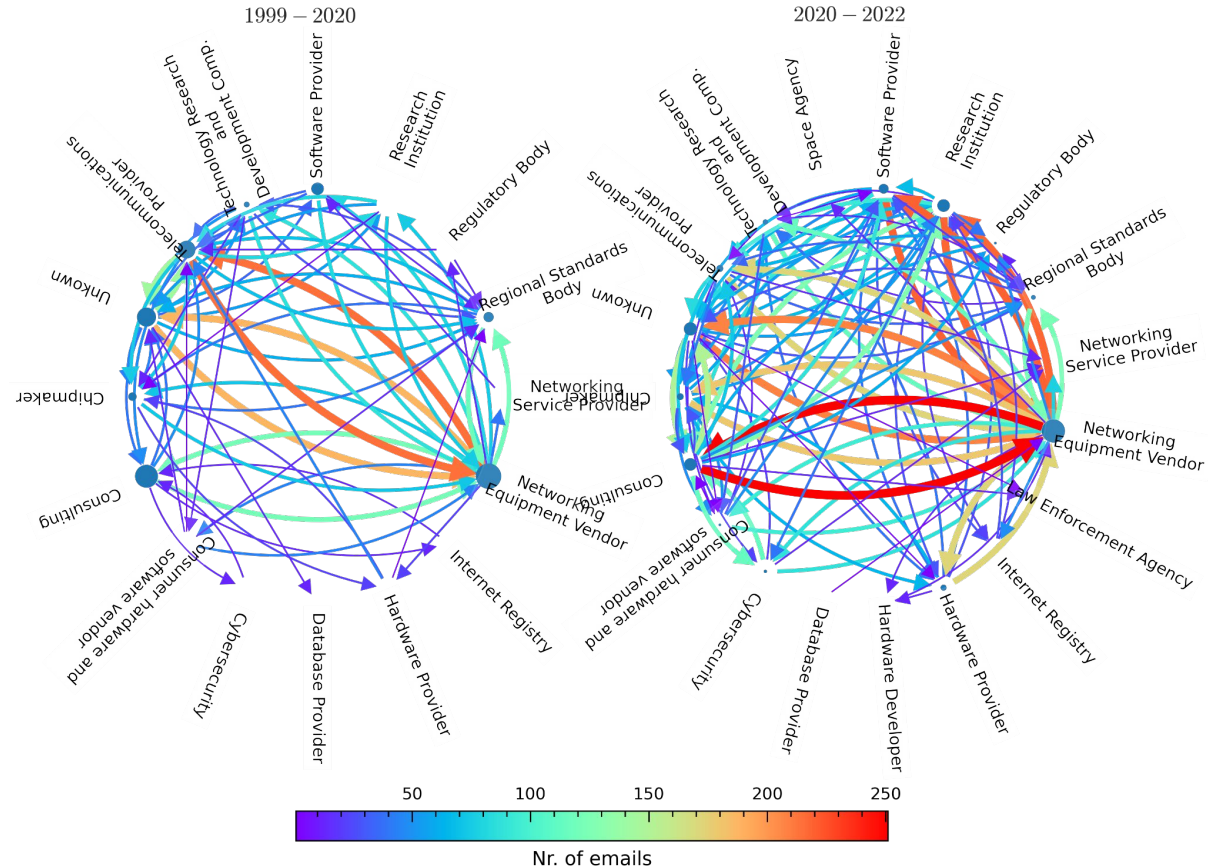
First we established people were discussing vulnerabilities on the selected mailinglists



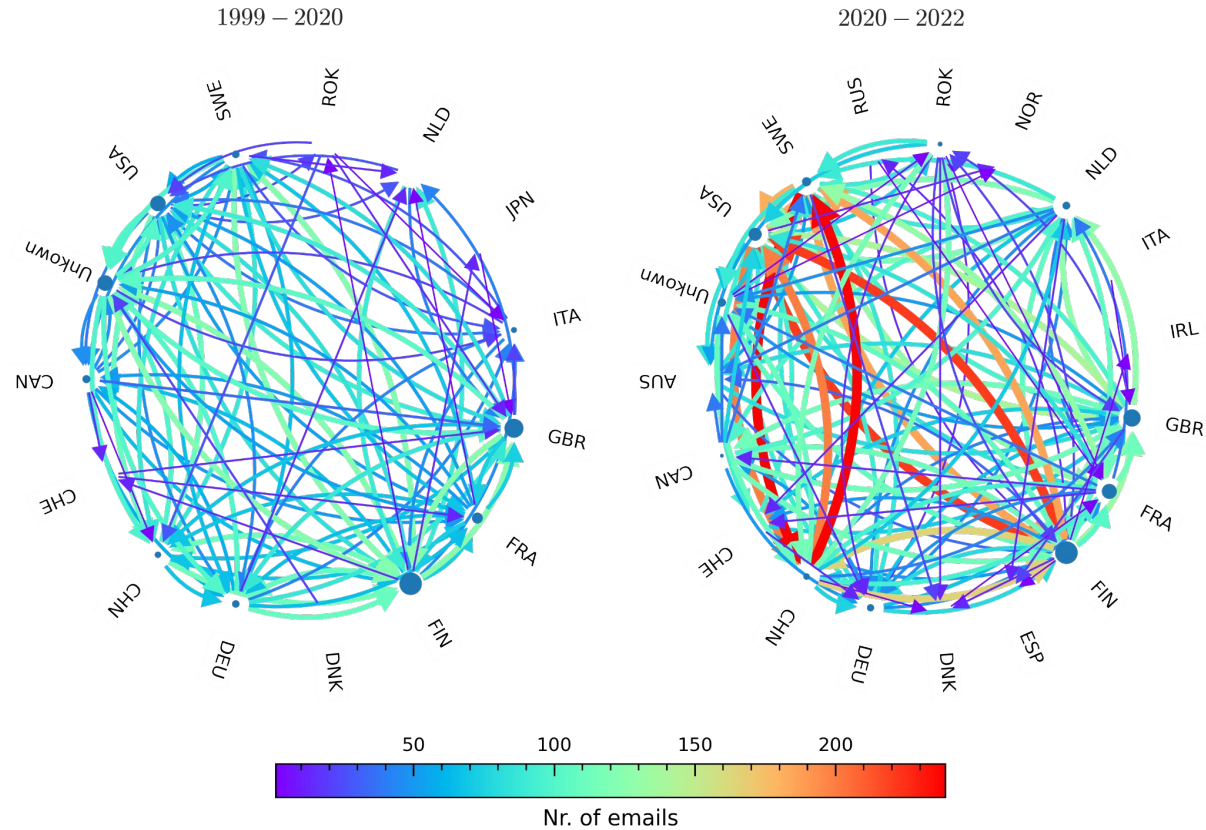
Then we sought to understand who
were talking about this



We classified the actors into stakeholder groups, to understand whether a significant part of industry was represented



And then analyzed the actors according to the nationality of the companies they represented.



-
- **Insecurities are structurally discussed** in the 3GPP (mandated to address them)
 - Direct fixes are **postponed**
 - Insecurities are **only addressed when a technology is phased out**
 - In the case of SS7 through the diameter protocol (which is taking 20+ years)
 - In the case of Stingrays / IMSI catchers only with the deployment of 5G (through the introduction of encrypted identifiers in 5G, but only works in SA mode!)
 - Other fixes are **outright rejected**
 - Perfect Forward Secrecy (PFS)
 - A solution to the vulnerability of static key exfiltration from the world's largest SIM card manufacturer Gemalto by the United States and Great Britain,
 - **Structurally rejected by companies from the United States, the United Kingdom, and France**
 - The inclusion of this security feature was supported by companies from China, Europe, and the United States.
 - This insecurity is of the nature that it can only be used by significantly resourced actors - and has in the past been exploited by the secret services of the United States and the United Kingdom.
-



3.3 Non-Latin Scripts

(حدد ارسم-بونج (لامدا)

(خلفية ٣٢ ٣٢ ٣٢)

(احرف "بونج" جمع (قسم (عرض-الرسم (٢ (٠ (٤٠

(احرف نتيجة-لاعب ٢ (قسم (عرض-الرسم (٤ (٤٠

(احرف نتيجة-لاعب ١ (ضرب ٣ (قسم (عرض-الرسم (٤ (٤٠

(لون-الخطوط ٦٤ ٦٤ ٦٤)

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(لا-خطوط)

(مربع (س-كرة) (م-كرة) (١٠

(مستطيل (س-لاعب ٢) (م-لاعب ٢) (١٠ (٥٠

(مستطيل (س-لاعب ١) (م-لاعب ١) (١٠ (٥٠

Repository Name

قلب

Rename

Will be created as ---

```
git
+++ "b/lib/331\205\330\252\331\201\330\271\331\204/\331\205\330\252\331\201\330
@@ -12,9 +12,9 @@

( <D8><AD><D8><AF><D8><AF> <D8><A7><D9><84><D9><86><D8><AC><D8><AF><D8><A9> (
( <D8><AD><D8><AF><D8><AF> <D9><85><D8><A7> <D9><87><D8><B0><D8><A7><D8><9F> (
- ( <D9><82><D9><88><D9><84> " <D9><82><D9><84><D8><A8> <D9><87><D9><88> <D9><84>
+ ( <D9><82><D9><88><D9><84> " <D9><82><D9><84><D8><A8> <D9><87><D9><88> <D9><84>
( <D9><82><D9><88><D9><84> " <D8><A7><D9><84><D9><84><D8><BA><D8><A9> <D8><A7>
( <D9><82><D9><88><D9><84> "" )
- ( <D9><82><D9><88><D9><84> " <D8><AA><D9><85> <D8><AA><D8><B5><D9><85><D9><8A>
- ( <D9><82><D9><88><D9><84> " <D8><AD><D9><8A><D9><86> <D9><83><D8><A7><D9><86>
+ ( <D9><82><D9><88><D9><84> " <D8><AA><D9><85> <D8><AA><D8><B5><D9><85><D9><8A>
+ ( <D9><82><D9><88><D9><84> " <D8><B1><D9><85><D8><B2><D9><8A> <D9><86><D8><A7>
))
diff --git a/repl.html b/repl.html
index 3a61662..7aeb086 100644
--- a/repl.html
+++ b/repl.html
@@ -119,7 +119,8 @@
// enter
if(evt.keyCode == 13) {
    Repl.history.unshift(cm.getValue());
    Qlb.execute(cm.getValue());
-
:

```

Python In Chinese

```
# -*- coding: utf-8 -*-  
# this is a sample Python program  
定義 範例_1(訊息,次數):  
    取 數 在 range(次數):  
        印出 "哈囉, %s!" % 訊息  
範例_1("世界", 百)
```

Converted Python

```
# -*- coding: utf-8 -*-  
# this is a sample Python program  
def p0_1(p1,p2):  
    for p3 in range(p2):  
        print "哈囉, %s!" % p1  
p0_1("世界", 100)
```



***'De wereld kan
wel zonder
democratie
bestaan, maar
niet zonder
internet'***



CV

***Het falen van
een van de oo
burgers.
„Ja, maar dat
boeken, het is
ven. Om effe
le vormen”
gaan. Ste
„De pot”
ge”***

Some final thoughts

- Infrastructure and human rights are intertwined
- The translation from rights to technology is not easy
 - Neither companies, governments, standardization bodies (or academics for that matter) have worked out how to do this
- The translation from rights to technology is not in everyone's interest
 - Corporate and governmental interests and geopolitical tensions are significant
- Not (yet) clear who has which responsibilities and capabilities
- Strong rights language can contribute to contestation and fragmentation
- Where should these discussions be taking place, and who should enforce?
What knowledges do we need for this and who should be at the table?

Further Reading:

Read my writings at: nielstenoever.net/publications

[How the Internet Really Works](#)

[Wired Norms](#)

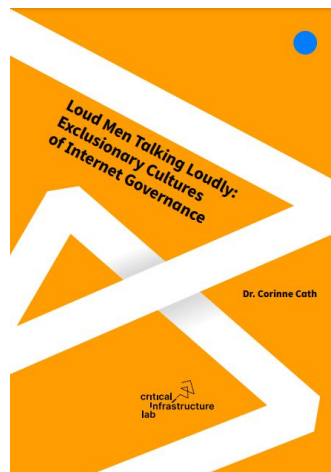
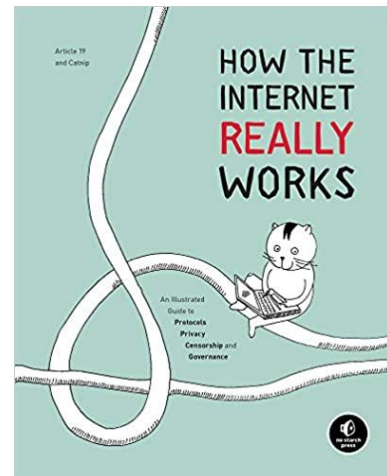
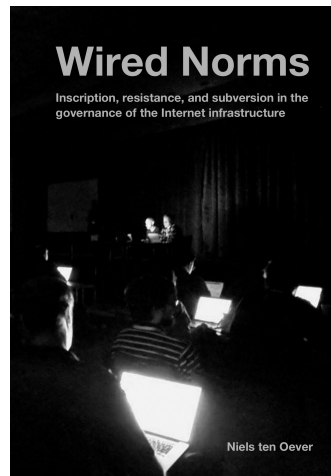
[Human Rights Are Not a Bug](#)

[Loud Men Talking Loudly](#)

[Ramsey Nasr on Q'alb](#)

[RFC8280 - Human Rights Protocol Considerations](#)

[Guidelines for Human Rights Protocol and Architecture Considerations](#)



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