

A taskforce from....

G L O B A L



A L L I A N C E

**Our IT / Tech Community is one big family.
We don't think in colors, we don't think in races or
genders, we don't think in borders.**

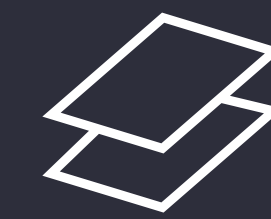


Keep Ukraine Connected

February 24, 2022

This was the day everything began.
War started in Ukraine.

Dark days for Ukrainian people,
but also for Internet Service Providers in the region.



The beginning...

When Russia invaded Ukraine, our chair René Fichtmüller didn't want to stand idly by. He first got together with his friend Patrick, and helped organise two truck's worth of relief, which they dropped off at the Ukrainian border in the second week of March 2022.

However, of course, this was not enough.

The first challenge:

1. Drive from Berlin to Ukraine. **(11 hrs + 2 hrs sleep)**
2. Meet strangers in a country where war is raging and unload all humanitarian goods from truck to truck and drive back as fast as possible. **(2 hrs)**
3. Then very quickly through local contacts, through gates that suddenly opened, back to the Polish side of the border. **(3 hrs sleep)**
4. Driving back home to Berlin again **(13 hrs)**
5. Done!
6. Or was it...

COME
BACK
TO
CUSTOMS
YOU CAN GO NOW!
TAKE YOUR DOCS BACK.



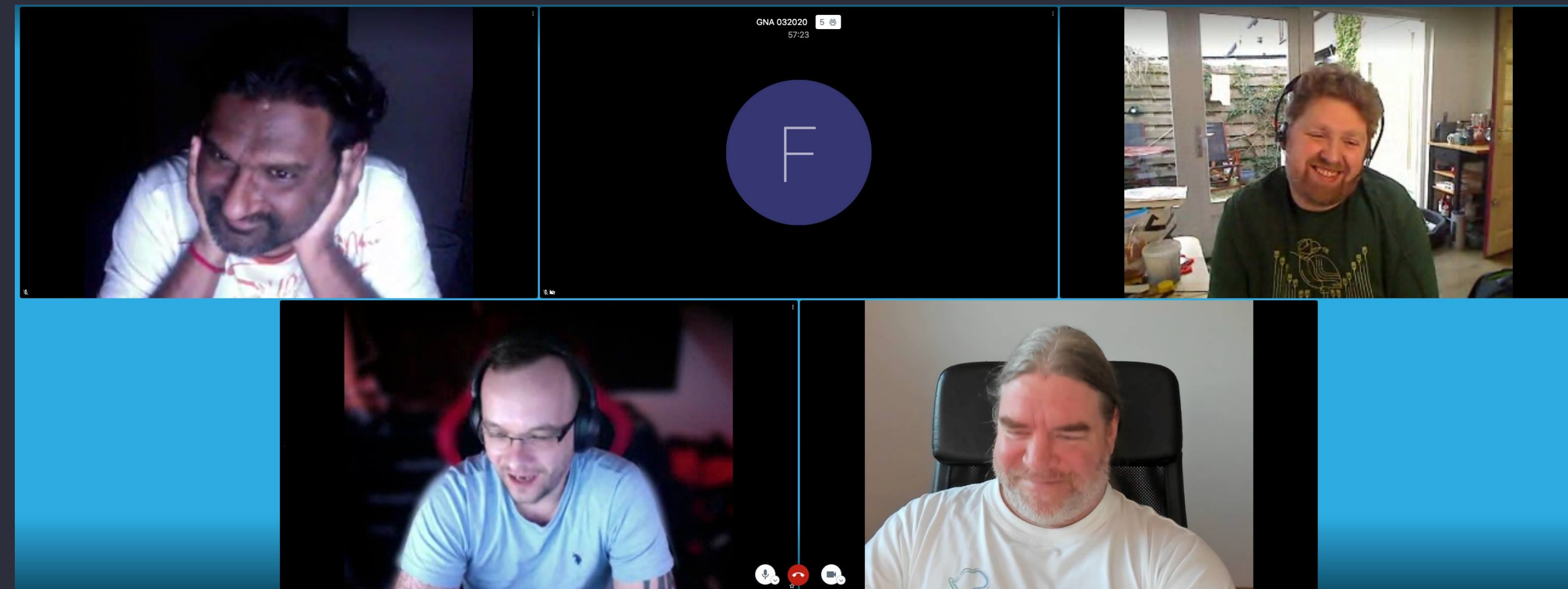
The next day...

At the Global NOG Alliance Board Meeting

Rene shared his thoughts on the next steps, and we all agreed that it was time to do exactly what the Global NOG Alliance was founded to do. Help Network Operators.

We called this task force:

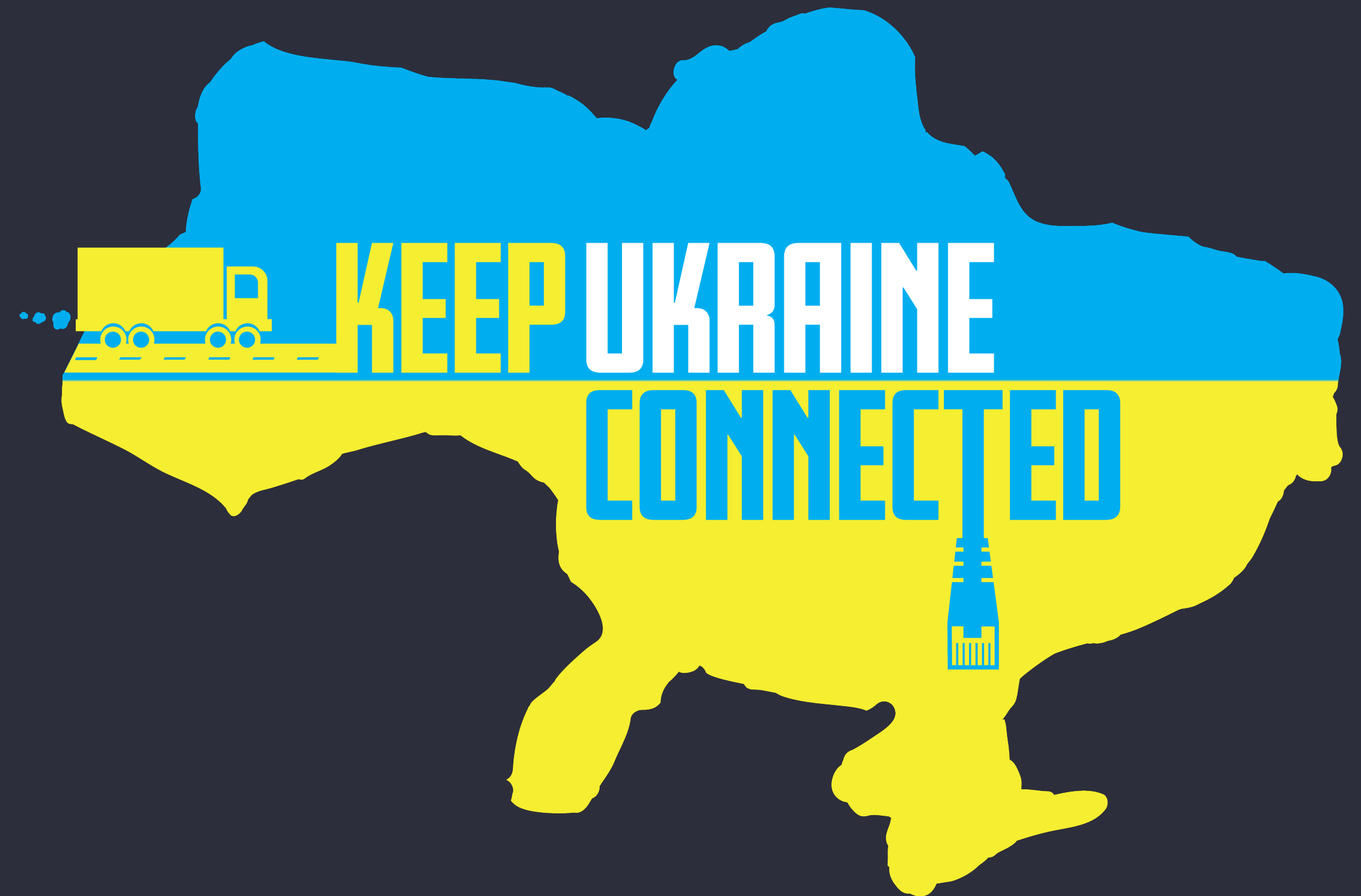
Keep Ukraine Connected



Our vision & mission

We wanted to be the facilitator linking the Disaster Region and the global community.

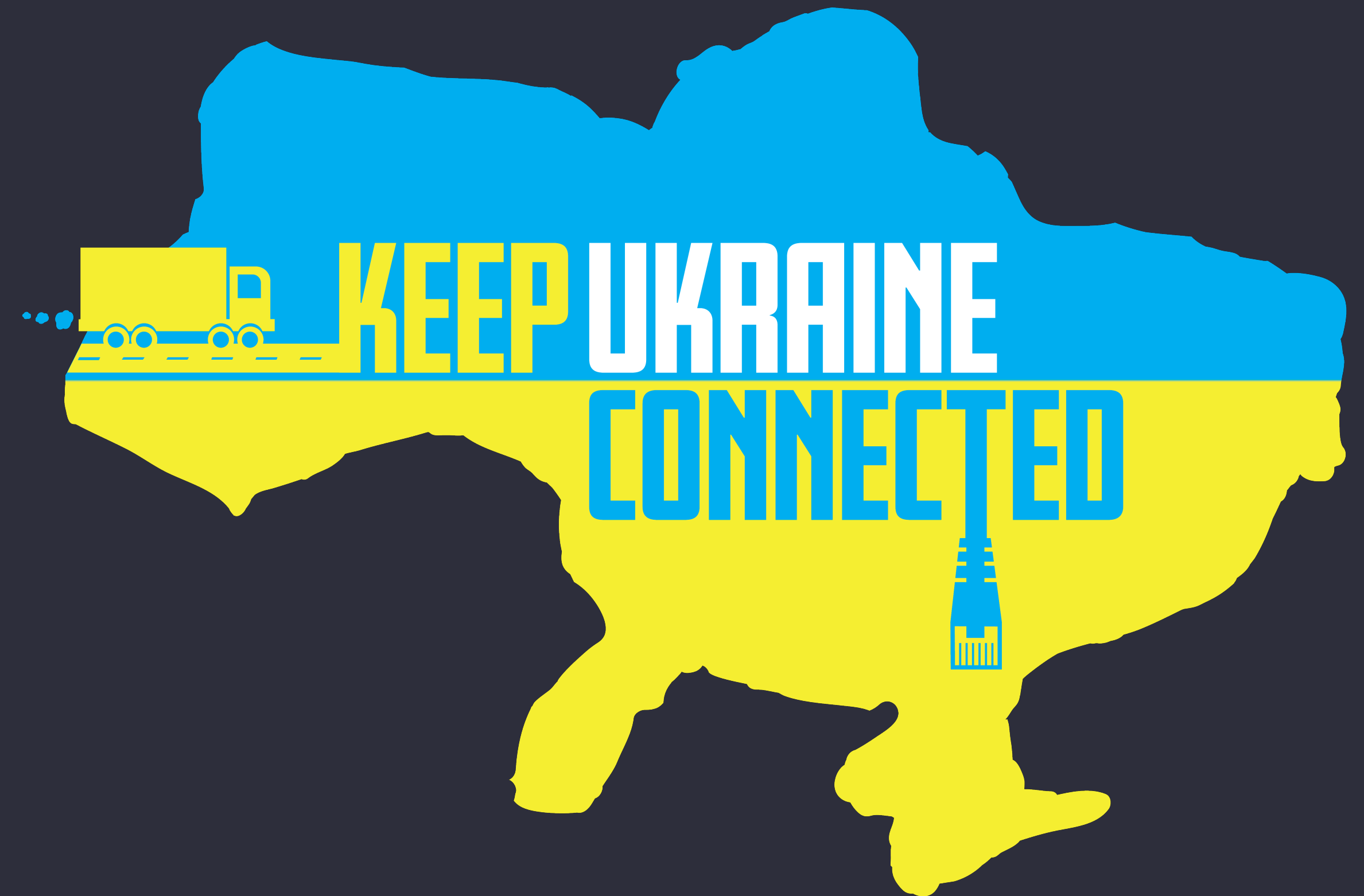
We have contacts in the community and with the manufacturers. We wanted to use these contacts to do good things.



Strategy Development

We received many offers for donations and also many requests for equipment.

In order to be able to map this properly, we implemented a custom-made Supply & Demand Database.



From a simple idea, to supply chain managers...

The GNA Supply & Demand Database works very well. Anyone who wants to donate equipment can get a login from us, and can specify what they want to donate.

Using this database, we can manage which donations we've received. This makes it easier for us to keep track of everything, and means we can show people from Ukraine who need equipment what we have in the system.



Supply & Demand Tool

v1.0

Start typing to filter...	
AUTHENTICATION AND AUTHORIZATION	
Groups	+ Add
CONTACTS	
Contacts	+ Add
Organisations	+ Add
SUPPLY & DEMAND	
Changes	
Offers	+ Add
Requests	+ Add

<input type="checkbox"/>	Network Automation & Config Management Software	Multiple Unimus Unlimited Licenses
<input type="checkbox"/>	Network equipment	1x Advocent Mergepoint Unity 2016 1x Brocade Brocade FastIron Edge 648P 1x Brocade Brocade FastIron Edge 648P-POE 3x Brocade Brocade FastIron Edge GS 624P 2x Brocade FCX-4XG 1x Brocade FWS 624G 1x DeLL Powerconnect 5324 8x Foundry FastIron Edge 2402 2x Foundry FastIron Edge 4802-POE 1x Foundry FastIron Edge GS 624P 3x Foundry FastIron Edge X424 2x Foundry FastIron Edge X448 1x Foundry FastIron GS 648-POE 1x Foundry FastIron GS 648P 1x Juniper EX 3200 series 1x Juniper J4350 1x Juniper M5 Backbone Router 1x MRV Optiswitch 906 1x Open Gear IM 4208-2-DAC-X2
<input type="checkbox"/>	Power Generator	1x Pramac P2000
<input type="checkbox"/>	Power Generators	10x IMOTO 5000 Watt
<input type="checkbox"/>	Power Generators	10x Misc Power Generator 5KW
<input type="checkbox"/>	Rack	1x Unknown 27U rack

Supply & Demand Tool

(Donor View)

v2.0

Select offered item to change

Q

Search

Action:

Go

 0 of 100 selected


<input type="checkbox"/>	TYPE	BRAND	1 ▲	MODEL	2 ▲	NOTES	# OFFERED	CLAIMED	REJECTED	RECEIVED
<input type="checkbox"/>	Hardware			27U rack			1	0	✖	✖
<input type="checkbox"/>	Hardware			2900 mAh rechargeable Batteries			8	8	✖	✔
<input type="checkbox"/>	Hardware			8+2+2SFP All Gigabit POE Switch		PoE Switch with 2 SFP	1	1	✖	✔
<input type="checkbox"/>	Hardware			Mini Smart Switch			1	1	✖	✔
<input type="checkbox"/>	Hardware			PS2 keyboard			22	0	✖	✖
<input type="checkbox"/>	Hardware			UPS		Various UPS, without batteries	10	0	✖	✖
<input type="checkbox"/>	Hardware			USB/PS2 Optical mouse			10	0	✖	✖
<input type="checkbox"/>	Hardware			XENPAK 10G DWDM Single Mode Fiber		variety of DWDM channels, can be used without DWDM MUX. You need to add attenuation for short distance links	31	0	✖	✖
<input type="checkbox"/>	Hardware			XENPAK 10G Multie Mode Fiber			5	0	✖	✖
<input type="checkbox"/>	Hardware			XENPAK 10G Single Mode			5	0	✖	✖

Supply & Demand Tool

(Requester View)


v2.0

Select requested item to change























Search

Action:



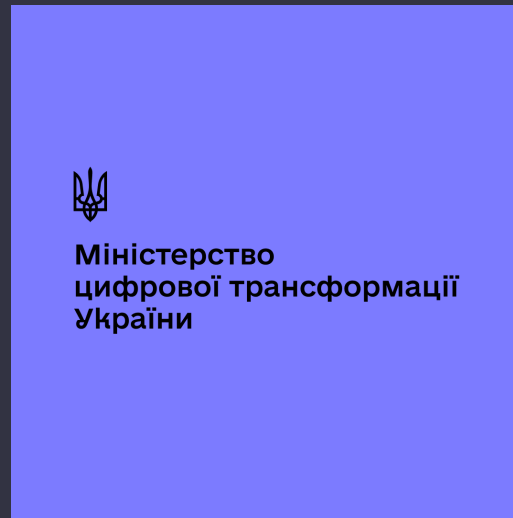
Go

0 of 100 selected

<input type="checkbox"/>	TYPE	BRAND	1 	MODEL	2 	# REQUIRED	UP TO	ASSIGNED	DELIVERED	CREATED AT
<input type="checkbox"/>	Hardware			100G-CFP2-LR4		8	10			April 2, 2022, 6:46 p
<input type="checkbox"/>	Hardware			24 port switch with SFP uplinks		11	-			April 18, 2022, 9:01
<input type="checkbox"/>	Hardware			Anchor clamp H3 (D)		1252	-			April 18, 2022, 9:08
<input type="checkbox"/>	Hardware			Anchor clamp H3 (D)		4092	-			April 18, 2022, 9:05
<input type="checkbox"/>	Hardware			any model		1	3			April 13, 2022, 2:22
<input type="checkbox"/>	Other			Catch-all		1	-			April 21, 2022, 11:5
<input type="checkbox"/>	Hardware			Coupler PLC-1x8-split-0-SC/UPC-0.9mm		360	-			April 18, 2022, 9:05
<input type="checkbox"/>	Hardware			Coupler SC-1x2-1310/1490/1550-50/50-0-SC/UPC-0.9mm		32	-			April 18, 2022, 9:05
<input type="checkbox"/>	Hardware			CWDM 10GE (SFP+)		6	-			April 8, 2022, 8:51 a

Our Friends & Partners in Ukraine

We are currently working with the organisations listed below. They are helping us with paperwork, permits, and local distribution of the donated equipment.



Ministry of Digital
Transformation

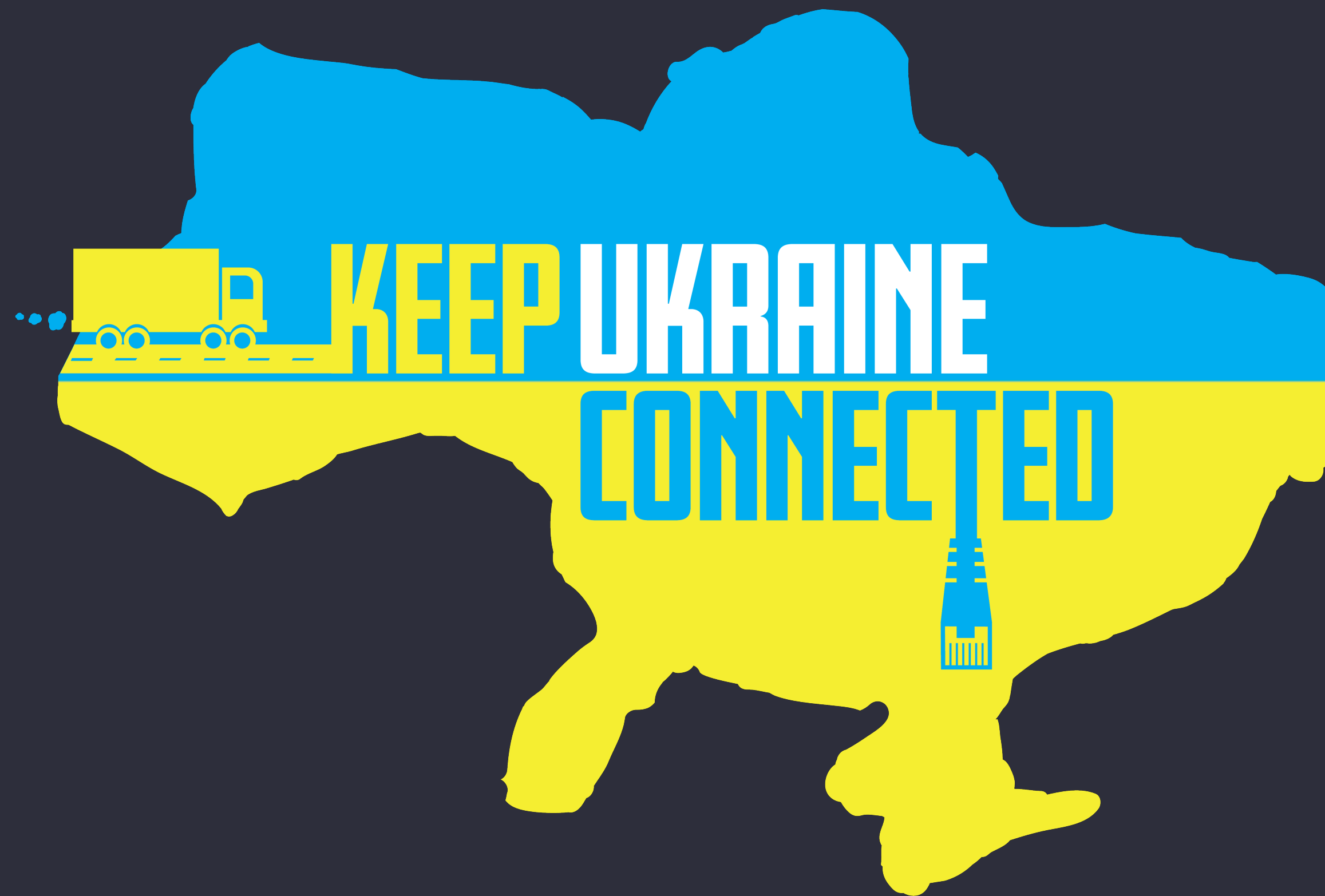


DEPS
(local distribution)



Ukrainian Internet
Association

...so why are we doing this?



Why is the internet important in Ukraine right now?

85% of Ukraine >15 years old had access
to the Internet in January 2021

Encrypted communication has exploded since 24 February 2022

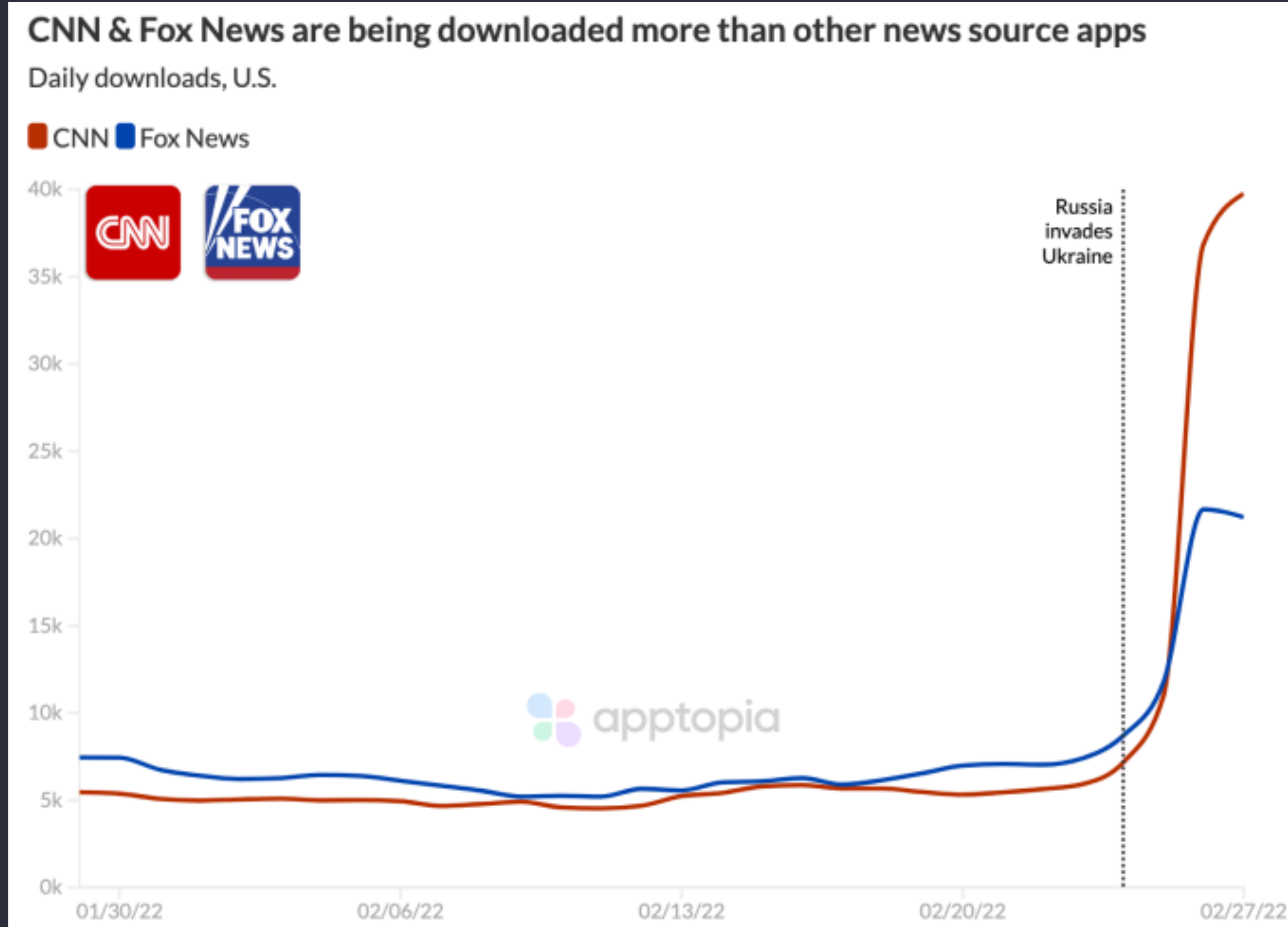
Telegram topped the charts with **54,200** new installs (+25%)

Bridgefy increased from 591 to **28,550** (+4,730%)

Zello grew downloads from 12,540 to **24,990** (+99,3%)

Signal grew downloads **20,6%**

Accessing international news is reliant on the Internet







Locat.com.ua













First run to Ukraine



Loading a donated splicer!

Fully loaded with 14 pallets of equipment and a weight of around 2 tons



The customs queue....





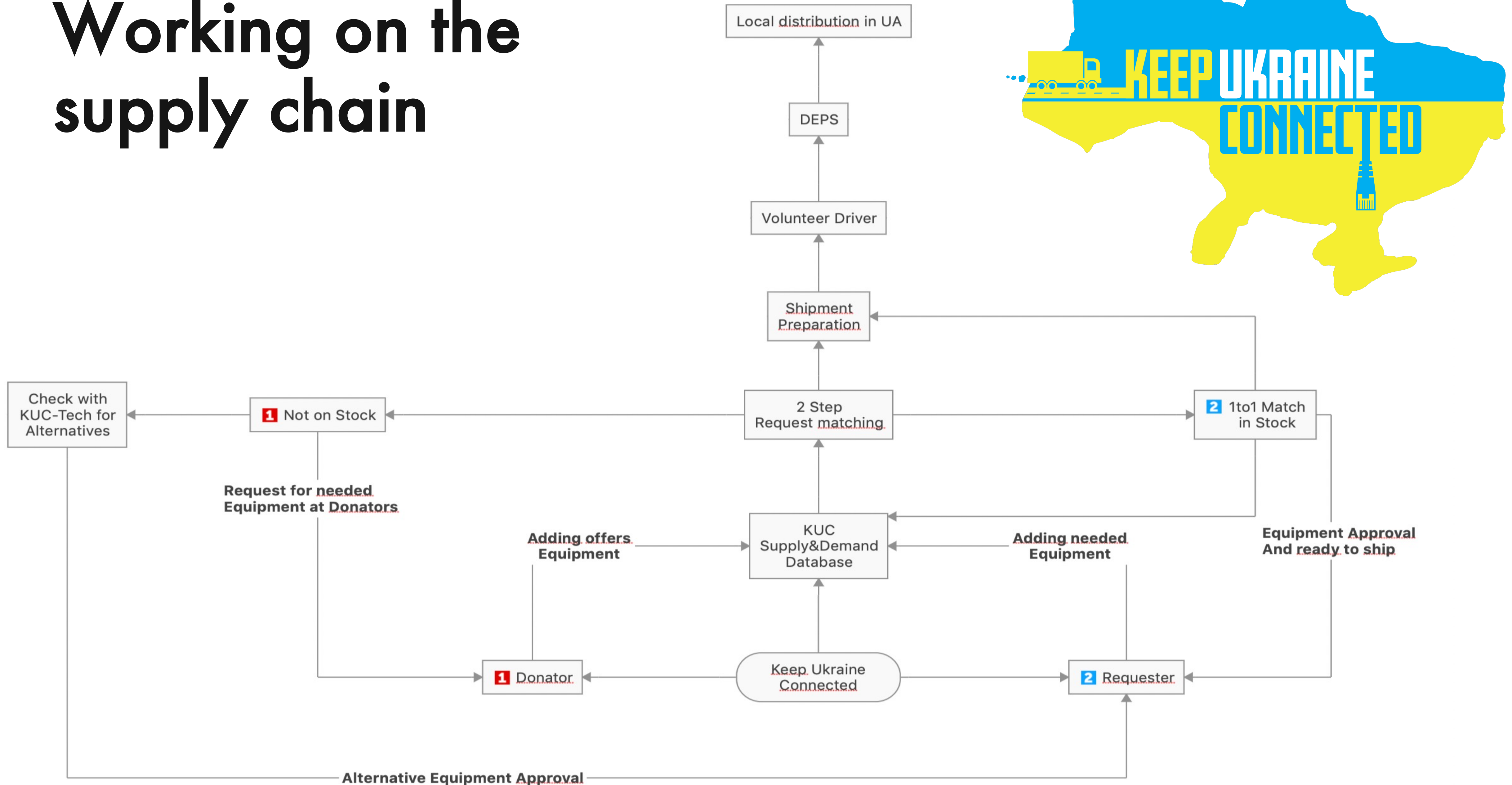
8 hours later...

Done! The first of many.



What happens next?

Working on the supply chain



Continuing conversations with:

- Donors
- Partners
- Governments

Poland, Ukraine, EU, customs and more.

And trying to fit in our real jobs and family too...

Who is behind the Task Force “Keep Ukraine Connected?”

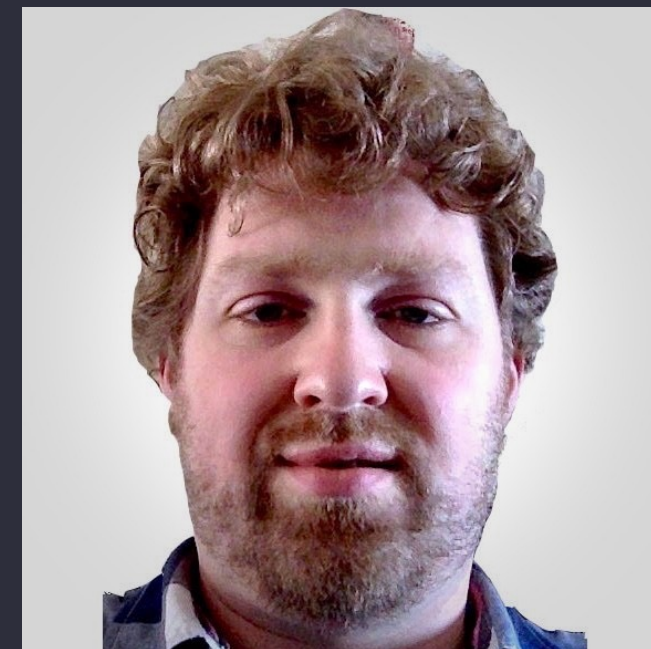
Who is behind the Task Force Keep Ukraine Connected?



Corinne Pritchard



Nathalie Trenaman



Sander Steffann



Jan Žorž

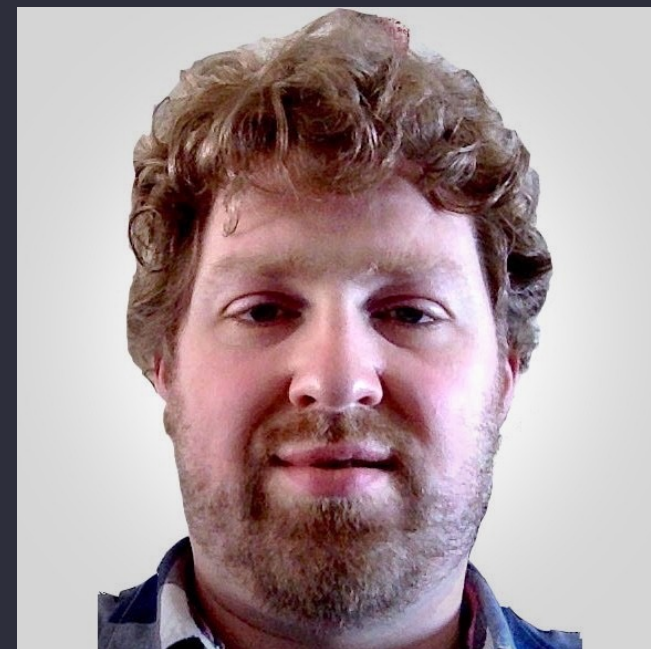
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Nathalie Trenaman



Sander Steffann



Jan Žorž



Rene Fichtmueller



Erik Bais



Daniel Houben



Marcin Kuczera

Thanks also goes to our wider KUC team...

Natalya Klitna (APPK)

Bogdana Piven (Regulatory Authority – NCEK)

Dmitry Knyazev and everyone at DEPS

Team at Ukraine Internet Association

Team @ Ukraine Ministry for Digital Transformation

Julia Troyan

Big thanks to all of you that donated hardware and/or funds!



ANEXIA



BCIX



CZ.NIC



DE-CIX



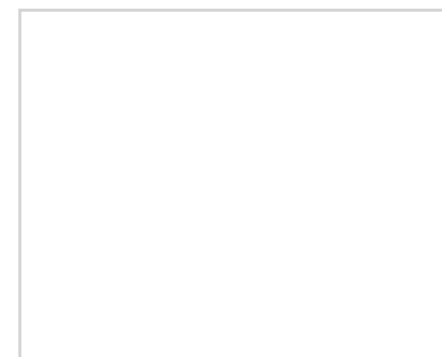
Flexoptix GmbH



Freie
Universität
Berlin



Global NOG
Alliance



NetArt



NIX.cz



Prefix Broker



ScaleUp
Technologies
GmbH & Co. KG



Tucows



U.S. Internet



Unimus



ZeroTier

...and also to all of you who are considering helping in the future 😊

Help us get more splicers!

Fiber optic splicers are our most requested tool. We send them to areas where repairs are most needed. Please donate if you can.

€4,998

How much a decent splicer costs

€2636.67

How much we've raised for the next splicer

8/20

Number of splicers purchased*

keepukraineconnected.org > Splicer Fundraising

The current needs of ISP providers

1. Optical splicers

- For trunk optical lines

Inno Instrument - View 5, 7, 8

Fujikura - FSM-60, 70, 80, 86S, 41S

Sumitomo - T-57, TYPE-72C, 81C

Fitel - S-177, 178, 179

Current quantity needed 20 pcs

- For subscribers, FTTH, last mile networks

Inno Instrument - View 1, 3, M7

Fujikura - FSM- 19S, 22S, 23S, 36S

Sumitomo - TYPE-71BS, T-400S, 502S

Fitel - S- 153A

Current quantity needed 40 pcs

Thank you!

Mail us: ukraine@nogalliance.org