



KEEP UKRAINE

CONNECTED



**A community joint venture
— for success**

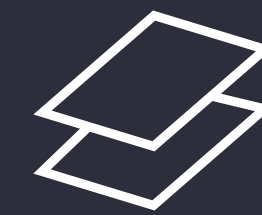


Keep Ukraine Connected

February 24, 2022

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

Dark days for the Ukraine people, but also for internet service providers everywhere.



The beginning...

When Russia invaded Ukraine, our chair René Fichtmüller didn't want to stand idly by. His first action was to get together with his friend Patrick, and help organise two truck's worth of relief (trucks courtesy of Wemme Events), 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 hours sleep)*
4. Driving back home to Berlin again *(13 hrs)*
5. Done!

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

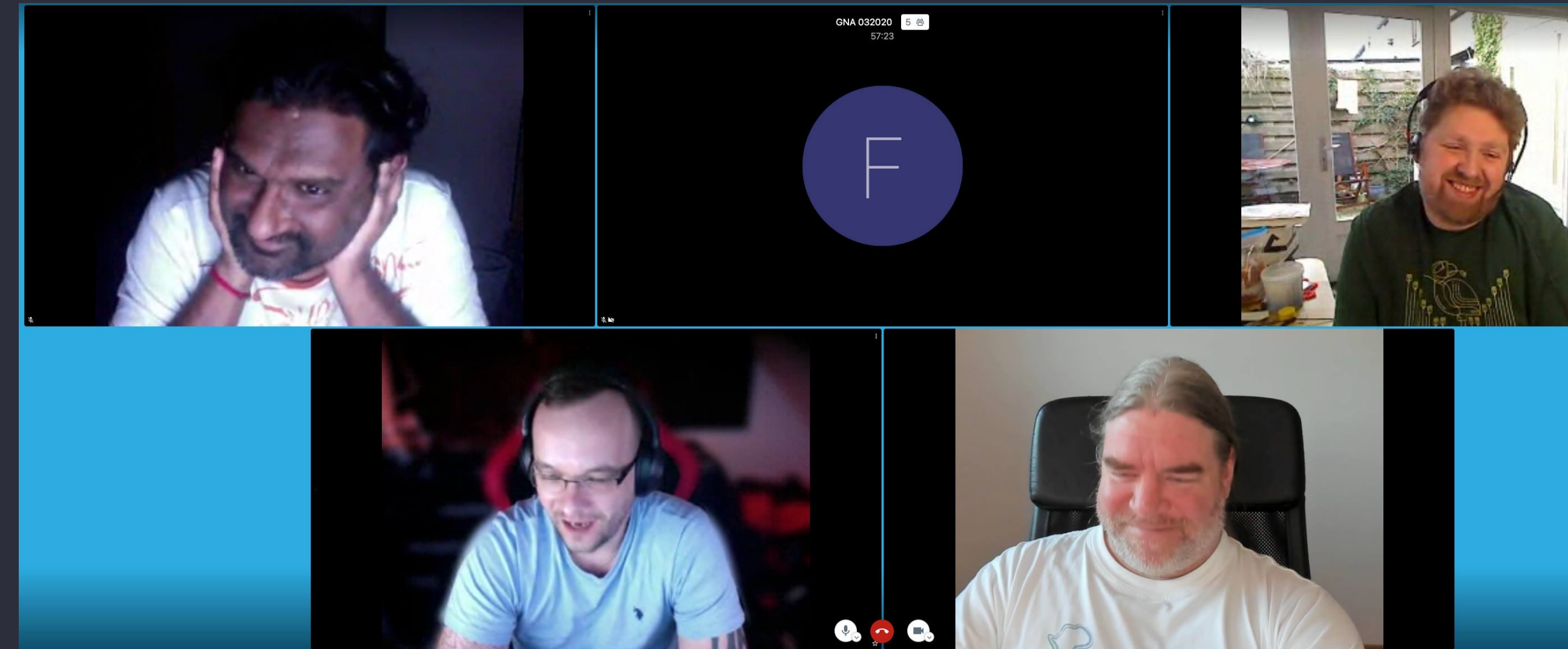


Everything started with a Global NOG Alliance Board meeting

After Rene shared his thoughts, 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 project **Keep Ukraine Connected**.

The goal of our task force: Evaluate how we can help, and find contacts in Ukraine who can tell us what is needed.



Our Vision & Mission

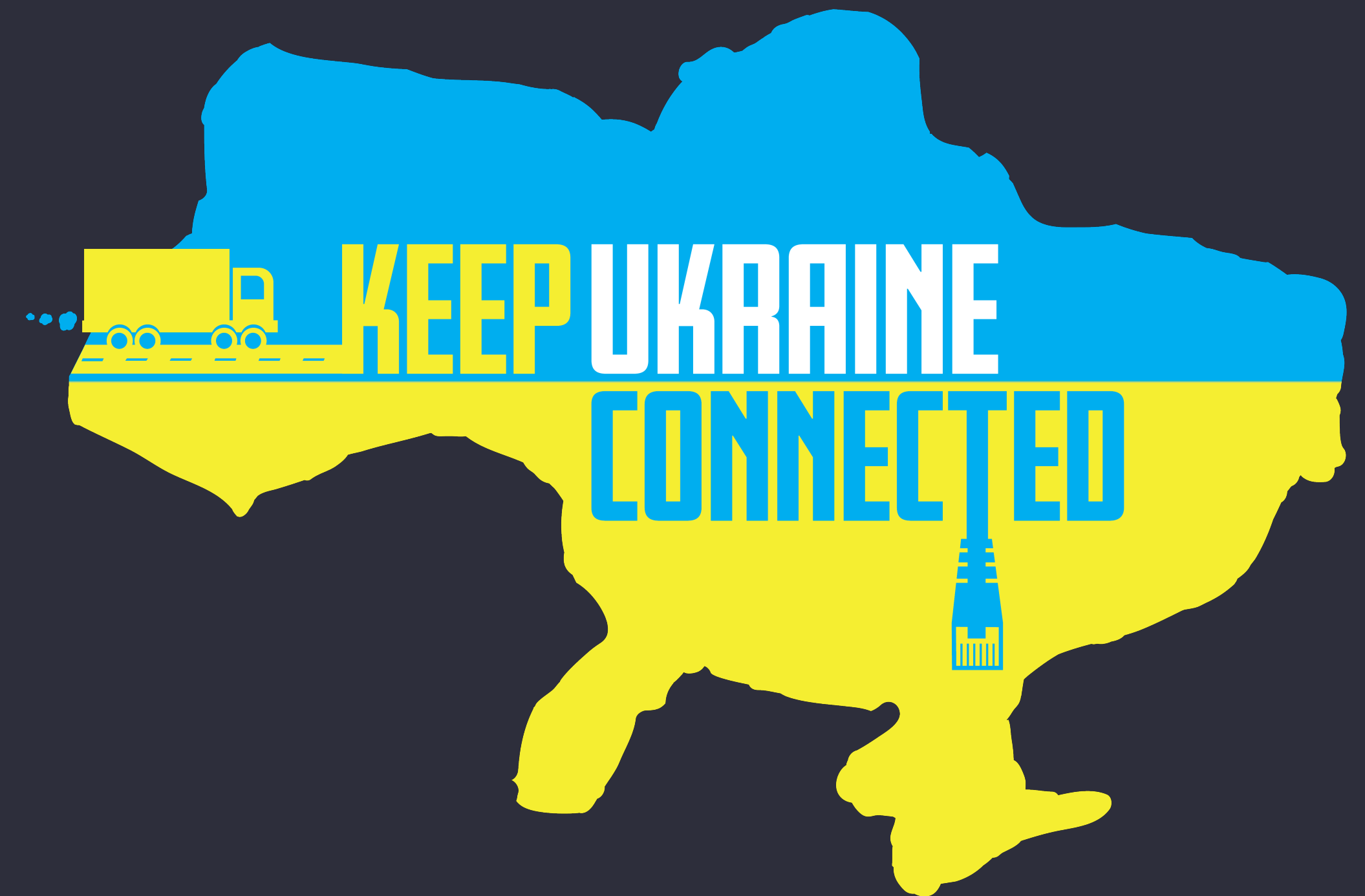
We want to be the facilitator linking the Disaster Region and the global community.

We have contacts in the community and also with the manufacturers, so we want 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 have implemented a custom made Supply & Demand Database.



From task force members to supply chain manager...

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

Using this database, we can manage what 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.

This picture shows just some of the equipment we've already received, loaded into René's van – in this case around €20,000's worth.



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
<input type="checkbox"/> Rack	1x Triton RMA-18-A68-CAX-A1
<input type="checkbox"/> Router	1x Cisco 2921
<input type="checkbox"/> Router	1x Cisco ISR1100
<input type="checkbox"/> Router	1x Cisco 7606 Multiple Cisco WS-SUP720-3B Multiple Cisco WS-X6724-SFP V07 3x OEM XENPAK-10GB-LR
<input type="checkbox"/> Routers	Multiple Cisco 6500

Behind the curtain

Here's a small overview of our Supply & Demand tool. The list of equipment, and who and how much people would like to donate are clearly visible.



Community, we have a problem!

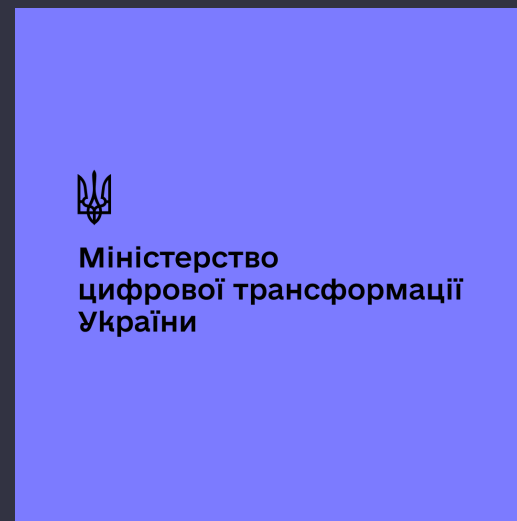
It's been really amazing getting so many donations from all over the world. But how do these donations get to Ukraine, and how do they get to the right place, and the right people in this war-torn country?

Our Friends & Partners in Ukraine

(as of April 2022)

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
- Ukrainian Internet Association



Ministry of Digital Transformation



DEPS
(local distribution)



Ukrainian Internet Association



Which is cool, but...

We also identified something we don't have the expertise or resources to do properly.

A few people with a truck is a great start, but we needed to see who we were working with locally, and also find partners who could help us with the logistics.

What started quite casually has turned into something that needs warehouses for storage, people to pack and unload heavy gear, and more trucks so we can successfully deliver everything that is being donated.

...why are we doing this?





Locat.com.ua















“ The Global NOG Alliance reports that a lot of equipment is coming to them - help (for the) operators of communication of Ukraine. Project manager René Fichtmüller says that Tech/IT is one big family and we must stay together! ”

Internet Association of Ukraine

What are our next steps?

Donations

We need a way to test donations to make sure they work. It would also be great to be able to sell old and unusable equipment and use the profits to buy equipment that has been requested.

Request

We need a way to automatically check requests with our inventory and give the requester the opportunity to select and order the required equipment.

Warehouse

We need a network of warehouses to collect, check and prepare and temporarily store donations from different regions.

Logistics

Donated equipment must be picked up from the donor – wherever they are - brought to a convenient storage location, and inventoried. Selected equipment from requesters must be packaged, labelled and delivered to their destination.

And just how long
did all of this take?

All in?

3 weeks!

Thanks go especially to...

Corinne

Nathalie

Jan

Sander

Natalya

Bogdana

DEPS

Thank you!