



Lviv  
Defence  
Cluster

WE WILL PROTECT THOSE  
WHO DEFEND US

Report for 2022

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# Introduction

**LVIV DEFENCE CLUSTER** – is a professional volunteer organization that started its work at the end of February 2022.

**The purpose of LDC creation is to coordinate the production and free transfer of personal protective equipment to the Defense Forces of Ukraine.**

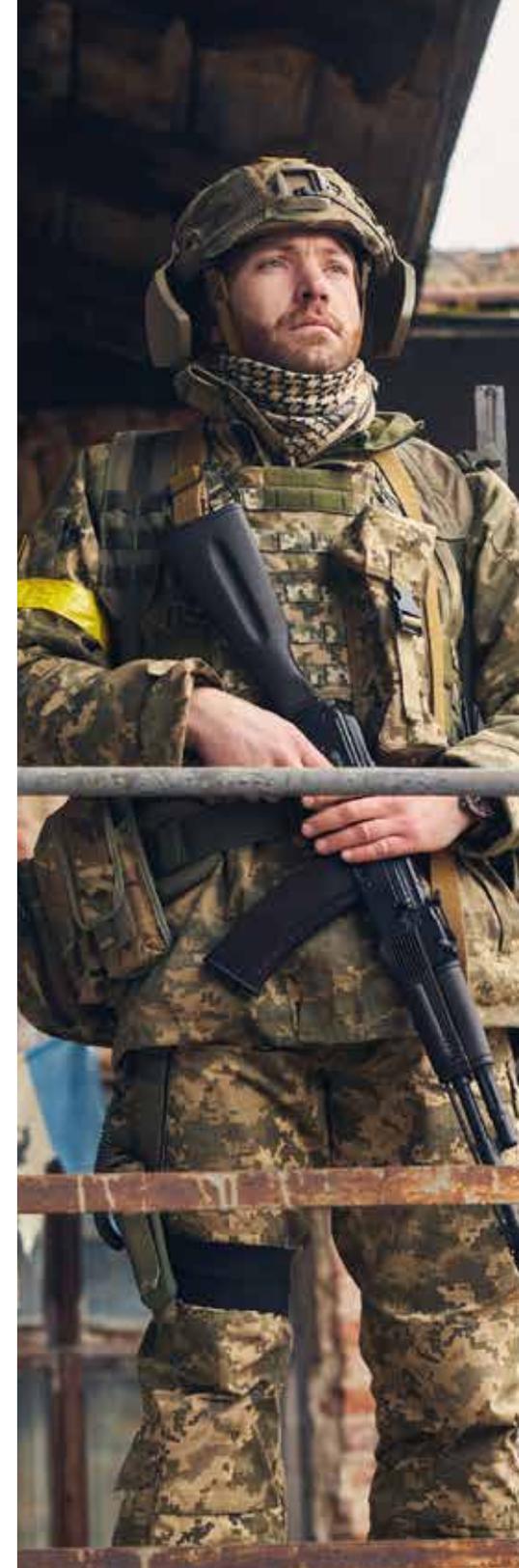
**The Ministry of Defense of Ukraine appointed Lviv Defence Cluster as the main coordinator of the volunteer movement for the production of bulletproof vests by its letter of 3.03.2022.**

The cluster was formed with the relocated team of Kharkiv Plant of Personal Protection Equipment, Lviv businessmen and volunteers and they were joined by experts in ballistics and tactical gear from all over the country. We have set up production of bulletproof vests just within a few weeks on an **industrial scale - more than 1,500 per day.**

Thanks to the efforts of our team, donations and partners we managed to produce and transfer more than **85 thousand bulletproof** vests by November 1, 2022.

In addition to the military vests, the cluster has launched projects such as protection equipment for journalists and rescuers working near the front line; development and production of evacuation kits (protective vest + helmet) for children; protective vests for ambulance crews; pouches for AK magazines.

**All manufactured bulletproof vests comply with DSTU, they are handed for free and this is fundamental.**



# Mission. Vision. Values.

**MISSION** – is to protect those who defend Ukraine.

**VISION** – is that warriors, police, rescuers, medics and other professionals, working near the front line, are provided with appropriate personal protection.

## VALUES:

- **RESPONSIBILITY**

We produce high-quality protection in accordance with state standards, from the very first day we manufacture each batch of ballistic elements specifically for this purpose.

- **EXPERTISE**

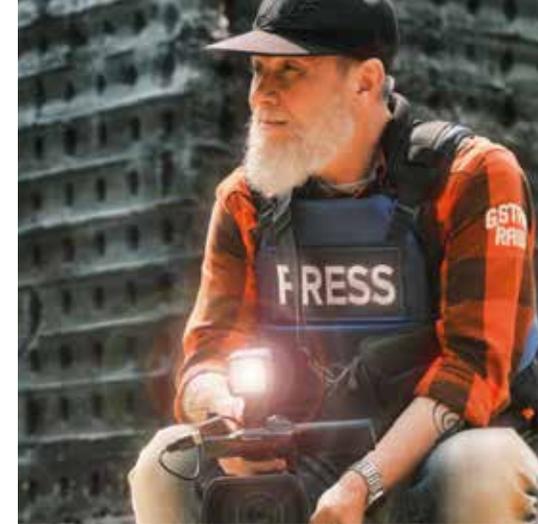
Our team consists of experts with 8 years of experience in the production of protection equipment for the military and civilians; business practices of Ukrainian and international companies.

- **PRODUCTION**

At the request of the military and government agencies, we have organized and coordinated the production of personal protective equipment in Ukraine. This enables cluster companies to save jobs and support the economy.

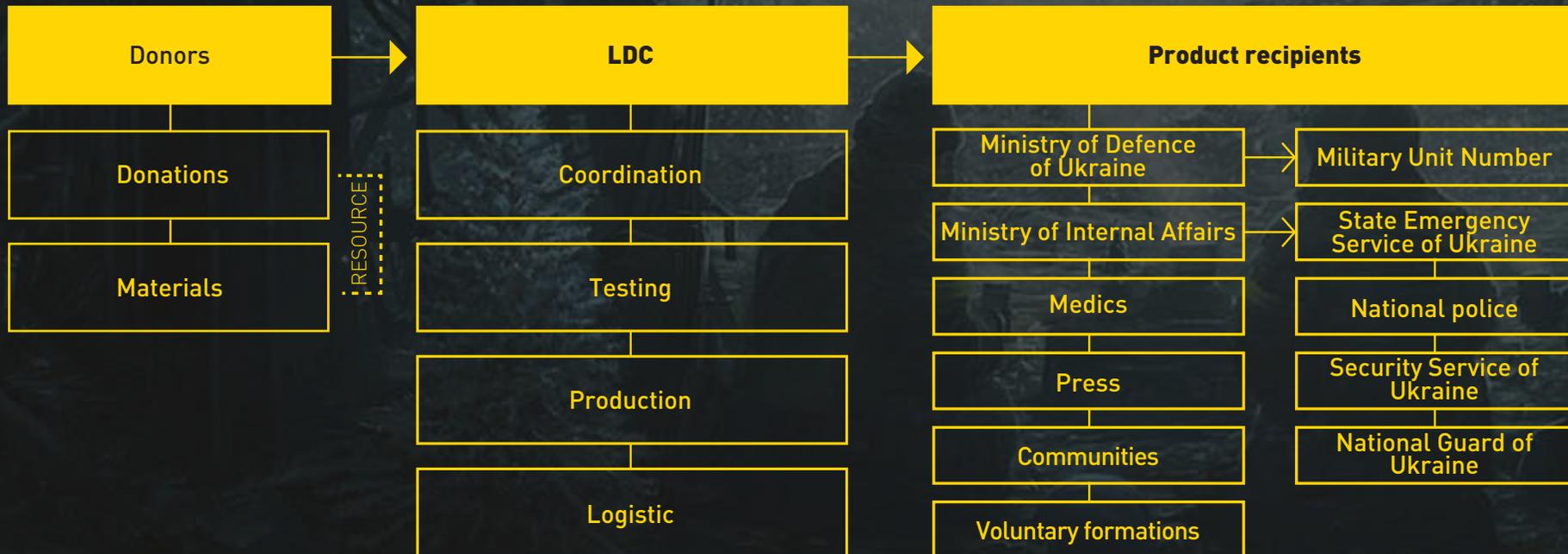
- **OPENNESS**

Sharing technology and helping other volunteer organizations.



# LDC structure. Work principles

LDC works at the expense of donors from all over the world and hands over finished products for free



# Who are we working for?

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The cluster responds to requests from the command and individual military units of the Armed Forces of Ukraine, National Police, State Emergency Service, National Guard, State Border Guard Service; Security Service of Ukraine and State Intelligence Service, as well as ambulance workers working near the front line.

**Cooperation with all recipients is conducted officially, based on requests.**

# 100 000 bulletproof vests mean:



**800** tons

of armor steel



**87** tons

of Cordura 1000 den textile



TIR AVIA  
**186+2**

The number of vehicles to transport all the materials



**130** km<sup>2</sup>

The amount of Cordura, used for the manufacture of body armor. This area of fabric can almost completely cover the city of Lviv



**66** km<sup>2</sup>

of Isolon for gluing armor plates - can cover Swiss city - Bern



**140+**

Number of military units to which LDC provided armor to



# Projects and Initiatives



## Military armor bulletproof vests of 4-th class of protection

Lviv Defense Cluster has set the goal to supply Ukrainian Defense Forces.

Between the end of February and November 1, we produced and handed over more than 85,000 bulletproof vests of protection class 4 free of charge, which comply with DSTU, have an optimal weight (up to 8 kilograms) and are made of the highest quality materials.

The armor steel from Sweden, Cordura 1000d taconite and all components were purchased from trusted and reliable suppliers.

The body armors with metal plates were delivered to units of the Armed Forces of Ukraine, National Police, State Border Guard Service, National Guard, Security Service and other defense forces, as well as employees of critical infrastructure, media and public utilities.

Our expertise allows us to supply the army on a par with the state, which once again proves the strength of the volunteer movement in Ukraine.



| PARTNERS |

# Projects and Initiatives



## Anti-debris vests for medics

We have received dozens of requests to provide civilian ambulance workers in the frontline areas and de-occupied cities, where they save the lives of Ukrainians.

The main threat to medics is primary and secondary debris, so protection should have a maximum area, minimum weight and be comfortable for everyday wear.

To provide the first batch of 3,200 anti-shrapnel vests we have purchased hundreds of meters of ultra-high molecular weight polyethylene (UHMWPE), which is the basis of these vests. 32 layers of UHMWPE reliably protects the body of a medic and reduces the risk for life in case of shelling.



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In December 2022, we started issuing the vests, which would not have been possible without our partners and patrons. The project is ongoing.



# Projects and Initiatives



## The protective kits are already being actively used to evacuate children from the combat zone

We developed and began mass production of unique evacuation kits for children at the request of the Juvenile Prevention Department of the National Police of Ukraine in the fall of 2022.

Thanks to military expert Kalin Dimitrov, with the involvement of specialists from Kharkiv, we have developed evacuation vests in three sizes: for ages 4-6, 7-10, and 11-14.

Each protective vest is equipped with a standard small-sized military helmet and a protective cover of the appropriate color. The total number of sets in the request is 500 units.

The first sets are already being sent for evacuation. The total need may reach thousands of units.



ПОСОЛЬСТВО  
УКРАЇНИ В ЯПОНІЇ

uniters

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# Projects and Initiatives



## Bulletproof vests for press and volunteers

At the request of media professionals that provide coverage of events on the front line, Lviv Defense Cluster has handed over dozens of bulletproof vests of the 4th class of protection. Covering the news in the frontline areas is a big risk. The journalists who work there are real brave people, and we are grateful to each and every one of those, who brings our Victory closer with the power of words.

### Ukrainian journalists:

Ukrainer, Inter, Channel 5, STB, ICTV, Obozrevatel TV, 1+1, 2+2, Academy of Ukrainian Press Gazeta.ua, Objectiv.TV, Spilno.tv, The Ukrainian Week, Kharkivski Visti Odesa.online, Redpost Kharkiv, Information Agency "Journalists Against Corruption" NGO "UkrKinoFest", "Dilo", magazine and online edition "Tyzhden.UA"; Freelance journalists and photographers accredited by the Armed Forces of Ukraine

### International:

SVT Sweden, Quality Media Spain, Quality Media Producciones, laSexta (Spain), Telecinco (Spain), "Reuters", "Suddeutsche Zeitung", TV3 Žinios



# Projects and Initiatives



## Armored cars

At the request of the Juvenile Prevention Department of the National Police of Ukraine, we are implementing a project to protect children during evacuation. A component of safe evacuation is reliable secure transportation.

LDC decided to purchase and "armor" a Toyota civilian SUV for testing in real conditions. The protection was carried out with the involvement of military experts, using armor steel.

The vehicle was the first for LDC, but we continue to meet the need for special vehicles for various units on the front line.



# Projects and Initiatives



## "1000 cars of freedom and 5000 bulletproof vests of Victory"

LDC has become a partner in a project launched by the head of the Lviv Regional Military District Administration Maksym Kozytskyy, with the support of International Staff for Assistance to Ukrainians and NGO "DobroDiy".

As part of the project, donors are donating off-road vehicles and other special vehicles that are equipped with bulletproof vests from LDC and humanitarian aid for the military and civilians.

LDC specialists personally participate in transferring, receiving additional information from the military and volunteers.

The project is ongoing...



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# Projects and Initiatives



## Mileage up to 100,000 bulletproof vests

In summer it became clear that direct requests for help would not be enough to raise significant funds for charitable projects.

We got to know the running community in Lviv, including Ukrainian champion Orysia Demianiuk, who supported our idea to organize a charity race.

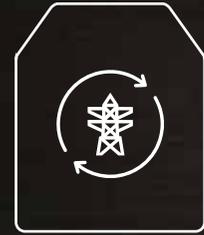
We started preparing for the race with a symbolic name "Mileage up to 100 000 bulletproof vests". Famous athletes from Ukraine and other countries supported our initiative. As a result, thanks to LDC team, Probig club, RUN Ukraine, we have implemented this great sports charity event, which was attended by 2000 participants from 35 countries. We are grateful to everyone who supported us. Nearly 200 additional bulletproof vests were manufactured and delivered to the Ukrainian Armed Forces for the funds raised.

Each donor was rewarded with a commemorative medal made from the remains of armor steel.



| PARTNERS |

# Projects and Initiatives



## Reconstruction of critical military infrastructure

Lviv Defense Cluster responded to a request from a defense manufactory to help with the temporary restoration of infrastructure, which was destroyed by the missile attack.

We accumulated the necessary amount, took part in the development and implementation of the project. Our partners also responded and helped financially.

We understand that there are dozens of similar projects in Ukraine and we will continue to contribute to the restoration of critical infrastructure.

SECRET INFORMATION

# Goals and plans

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We decided

# TO WORK UNTIL WE WIN

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To achieve this we are developing new projects that will help Ukrainians to defeat the enemy.

# LDC Partners



# LDC team



**Pliekhov Maksym**  
Chairman of the Board of LDC



**Yurii Fedorov**  
Deputy Chairman of the Board



**Nazarii Demchyshak**  
Co-founder of LDC



**Lykhovyd Volodymyr**  
Co-founder of LDC



**Yarynko Bogdan**  
Co-founder of LDC



**Yarynko Ruslan**  
Co-founder of LDC



**Lykhovyd Ivan**  
Co-founder of LDC

# LDC team



**Kyryl Novikov**  
Head of LDC Charity Fund



**Oksana Shakhova**  
Co-founder of LDC



**Valeriia Samoylova**  
Co-founder of LDC



**Dmytro Shulmeister**  
Co-founder of LDC



**Anton Fedchenko**  
Head of the Communications  
Department



**Anton Semenov**  
Project manager



**Alyona Priz**  
Administrator

# LDC team



**Andrii Demchyshak**

RnD



**Andrii Kyrychenko**

Digital and communications



**Vaso Nataliia**

Media and communications



**Myroslav Levytskyi**

Lawyer



**Kalin Dimitrov**

RnD



**Olena Demchyshak**

Finance manager



**Yelyzaveta Shumska**

Fundraising specialist