



UKRAINE WAR ANIMALS RELIEF FUND

STRATEGIC PLANNING

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Ukraine War Animals Relief Fund

Strategic Planning

Initiative name:	Ukraine Sterilization and Rabies Vaccination Program
Date submitted	September 2022
Initiative owners	Daniel Fine, Gary Baxter
Geographic focus	Ukraine

Summary of Sections:

- i. Current Situation/Problem
- ii. 3 to 5 Year Vision for Initiative
- iii. Proposed Approach
- iv. Metrics To Track Impact and Success of Initiative
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- vi. Barriers and Risks
- vii. Execution Plan
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These sterilizations have the potential to prevent the births of over 183 million puppies and 2.8 billion kittens in 5 years.

i. **Current Situation/Problem**

A situation is happening in Ukraine with the animals of historic proportion. Currently, no one or any agency is doing anything about it. It has little to do with animal rescue, but with preventing an avalanche of animals like Europe has never seen and a major spread of rabies.

The population of stray, free-roaming, and abandoned animals are at high risk of contracting the rabies virus, therefore increases in these populations pose a dire threat to the health of Ukrainian people. Due to a high population density of red foxes and stray and free-roaming animals, Ukraine has the highest incidence rate of rabies among all European countries. A survey performed in Ukraine between 2012 and 2016 determined that up to 15% of stray and free-roaming dogs and cats tested positive for rabies. Due to their proximity and the commonality of interaction with people, dogs and cats have the highest transmission rate of rabies to humans. Despite this risk, the percentage of owned dogs and cats that have received the rabies vaccine remains low, and the percentage can be assumed to be even lower among stray animals (Polupan et al 2019). The pervasiveness of rabies in Ukraine has the potential to become a transnational issue that threatens animal and human health across continental Europe. The most effective measure to ensure the safety of these populations is mass-vaccination of stray and free-roaming dogs and cats.

Due to animal abandonment and the suspension of veterinary services caused by the war, street animals in Ukraine are at a higher risk than ever. The threat of further overpopulation of dogs and cats inhabiting the streets poses a dire threat to animal and human welfare. Street animals are at a

higher risk of mistreatment, contraction of diseases, starvation, and culling. To prevent further suffering, measures must be taken to characterize and address the growing population of dogs and cats on the streets of Ukraine.

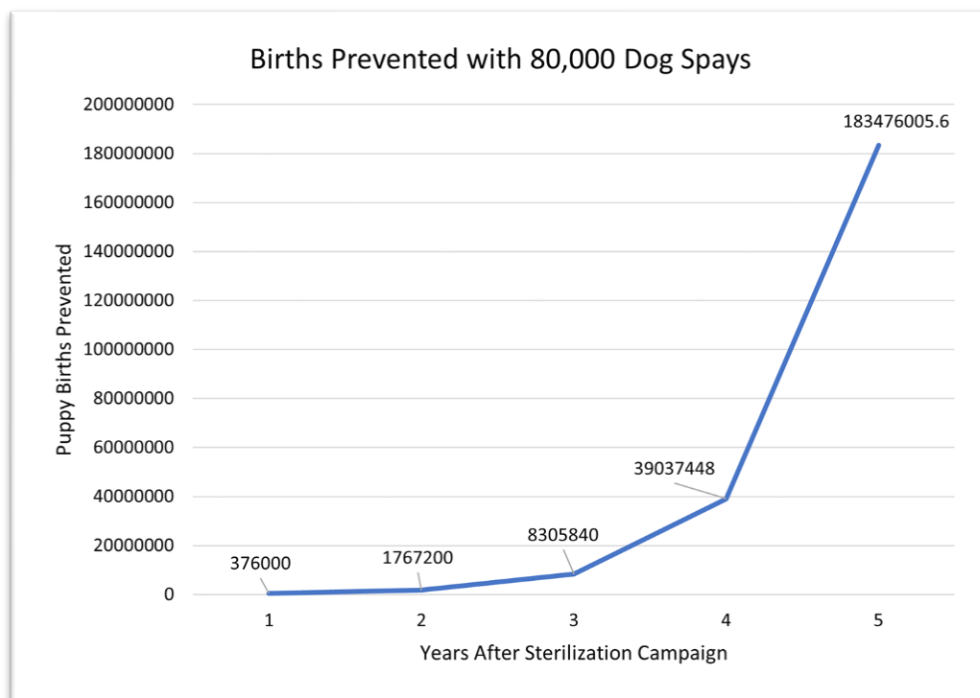
The war in Ukraine has displaced millions of people. This sudden upheaval has forced many to make the devastating decision to leave their pets behind. Prior to the war, Ukraine was already home to a high density of stray and free-roaming dogs and cats. While no large-scale federal program has been implemented to enumerate the population of animals inhabiting the streets, an estimate of at least 25-30 million dogs and cats are currently living in Ukraine (official data of the State Institute of Veterinary Medicine in Ukraine, there are 25 million dogs and cats, this is an approximate statistic that does not include animals in cities, so they add another 20% to this number). Municipal surveys taken of 40,100 stray and free-roaming animals indicate a proprietorship of only 10.7%, suggesting a national population of up to 27 million animals on the streets of Ukraine (Animal-ID). It can be presumed that populations have increased due to abandonment of domestic pets due to forced displacement and a low prevalence of sterilization.

Sterilization of domestic pets and free-roaming and stray animals is the most effective long-term solution to prevent further increases in stray animal populations. Unfortunately, sterilization rates of both domestic pets and free-roaming and stray animals were already low in Ukraine prior to the war. 35.4% of pet owners reported sterilizing their dogs (Smith et al 2022) and municipal surveys indicate a sterilization rate of 23.5% for free-roaming and stray dogs (Animal-ID). However, due to the suspension of free sterilization clinics and catch-neuter-release (CNR) programs during the war, these rates are likely to decrease. As unsterilized female dogs and cats birth an average of 9.4 (Humane Society) and 15 offspring (Roice-Hurst Humane Society) per year, respectively, the population of stray animals has the potential to increase exponentially. Thus, human intervention is necessary to improve sterilization rates and prevent massive growth of the stray population in Ukraine.

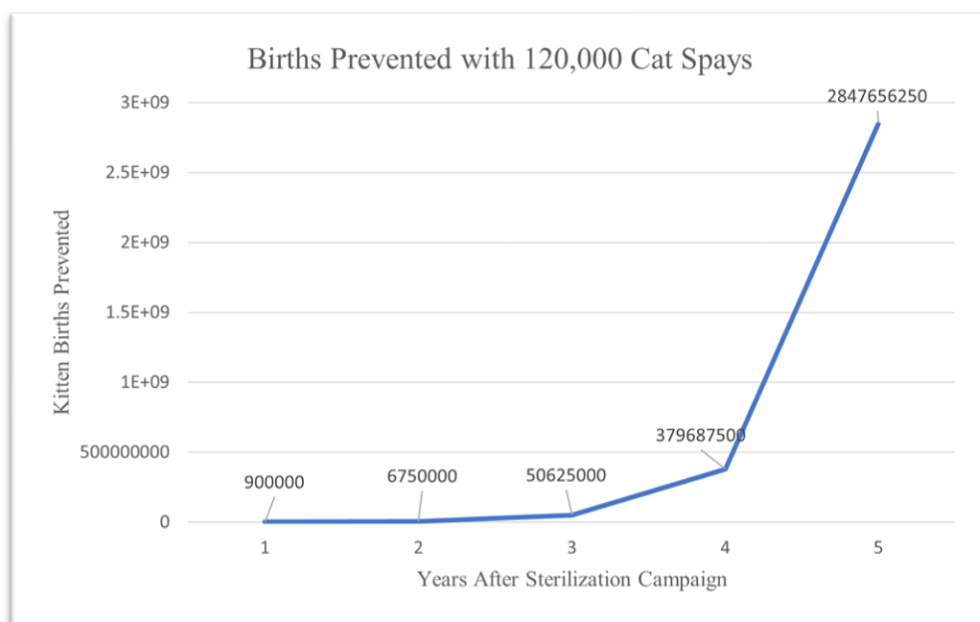
ii. **3-5 Year Vision for Initiative**

The long-term vision for the Ukraine War Animals Relief Fund is to prevent further overpopulation and improve the wellbeing of stray, free-roaming, and abandoned dogs and cats living in Ukraine. We will spay or neuter all animals taken into our care, provide vaccinations against the rabies virus, administer microchips, and enter information and images into our animal database. Within five years, we aim to sterilize, vaccinate, microchip, and document at least 160,000 dogs and 240,000 cats in Ukraine. **These sterilizations have the potential to prevent the births of over 183 million puppies (Graph A) and 2.8 billion kittens (Graph B) in 5 years.** The administration of rabies

vaccinations to 400,000 animals will improve herd-immunity, thus preventing further spread and transmission of the rabies virus within Ukraine and into neighboring countries. Microchipping all animals will allow for effective data collection on the dispersion of street animals in Ukraine and surrounding countries. Microchip information will be linked to our animal database to provide detailed information on our knowledge of the animal. The goal of our animal database is to aid in adoption and reunification efforts for street animals. Our cutting-edge facial recognition software allows owners who have fled Ukraine to input photos of their pet and our database will search for matches. Additionally, the creation of a database of sterilized and vaccinated animals will increase visibility for adoptable at local rescues. Thus, our vision is to set forth a comprehensive cascade to improve the wellbeing of street animals and prevent the impending threat of more homeless animals in Ukraine.



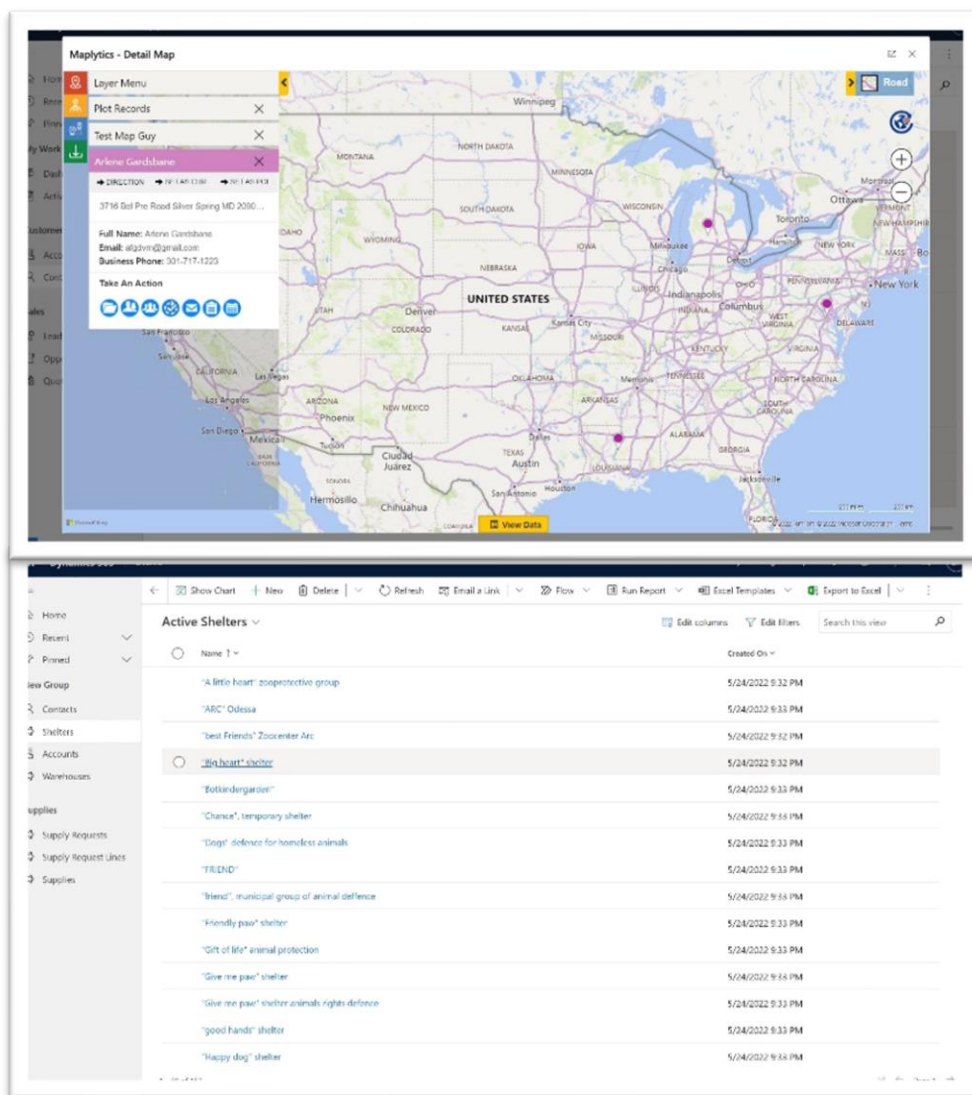
Graph A: Puppy births prevented with 80,000 dog spays after 5 years. Numbers based on female spays only.

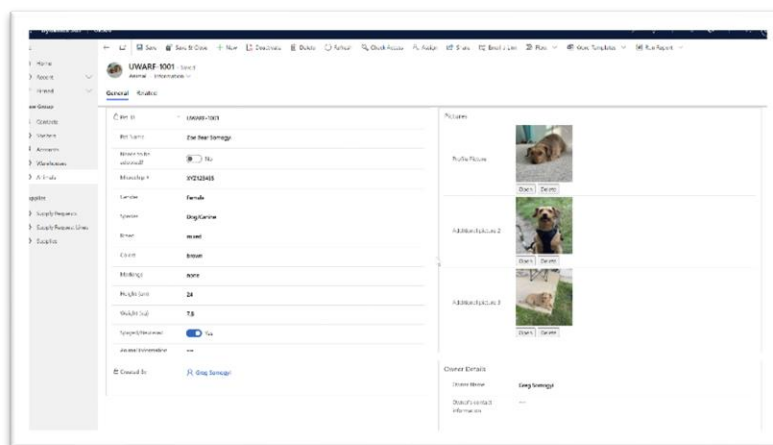
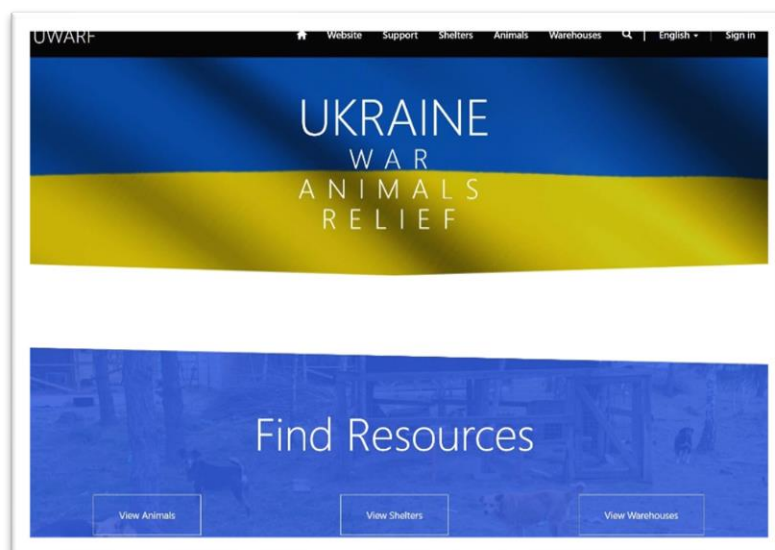


Graph B: Kitten births prevented with 120,000 cat spays after 5 years. Numbers based on female spays only.

Our second goal is to introduce our Microsoft software to manage resources funneled into animal organizations such as shelters and private rescues. Our web and mobile technology allow organizations to engage and manage volunteers, track relationships with donors, regulate the flow of inventory from local suppliers, and match organizations to delivery drivers assisting in animal and resource transportation. Consolidation of these management systems will save valuable time for operators of these organizations and ensure a smoother supply chain. With the assistance of [Ludia Consulting](#), we aim to make our software available globally. Additionally, we will be implementing this software in the planning and management of our sterilization, vaccination, and microchipping efforts to optimize efficiency. Our

intelligent approach will allow us to track the lifecycle of animals taken into our care and determine the impact of our mass sterilization and vaccination campaign.





UWARF has formed personal relationships with existing animal organizations, veterinarians, and vendors in Ukraine. Prior to the war, local organizations received government aid to perform mass sterilization and veterinary services for street animals. However, the reallocation of government funds to wartime efforts has halted these programs. We work in tandem with local organizations with pre-existing knowledge of the issues and bring access to international funding and resources. Local animal organizations and veterinary practices are struggling to receive supplies due to disruptions in the supply chain and importation. We have formed relationships with local vendors to secure veterinary supplies necessary for our procedures. We are in contact with veterinarians working in all local shelters and have secured them to perform animal assessments and sterilization and vaccination procedures under the



supervision of UWARF's quality assurance coordinator. The implementation of our software addresses the disrupted supply chain by connecting UWARF's local rescue efforts with veterinarians and necessary supplies. UWARF's founder, Daniel Fine, has a background in enterprise resource planning. Thus, our leadership is prepared to optimize the efficiency of our efforts by providing resources for streamlined communication, planning, and execution between participating parties.

UWARF is confident that we are prepared to tackle this large-scale program due to the success of our pilot program. In July 2022, we implemented mobile units in Kyiv to identify animals in need and transport them to local shelters and veterinary hospitals. In 17 days, we sterilized and vaccinated 1,518 animals and microchipped 400 animals. Currently, we have reached 2,500 sterilizations and vaccinations and a total of 2,900 microchipped. Through the course of our pilot program, we established an efficient assembly line of procedures to maximize time and reach a sterilization and vaccination rate of nearly 90 animals per day. We are confident in our capacity to upscale this program by using our technology to connect local parties who will implement our optimized assembly line.

UWARF's technology and expertise in resource optimization distinguishes our campaign from previous sterilization and vaccination efforts. We performed our pilot program to troubleshoot for efficiency optimization with the goal of implementing the program on a larger scale. We have established the necessary tools and relationships to streamline the acquisition and transport of medical supplies to animal rescuers and veterinary teams, thus providing a framework for mass sterilization, vaccination, and microchipping with minimal time lost to logistical planning. Additionally, our unique AI-driven database accounts for the long-term wellbeing of animals through increased visibility of adoptable animals and reunification of abandoned animals.

UWARF Proposed Approach

GOAL 1

1. Selection of street animals



2. Sterilization
Vaccination
Microchipping



3. Entry into AI Database



4. Reunification and Adoption



GOAL 2

1. Microsoft Software



2. Volunteer Management



3. Donor Management



4. Warehouse Inventory Tracking



5. Delivery Management





iii. **Proposed Approach**

UWARF specifically focuses on implementing our optimized approach to enact a large-scale sterilization, vaccination, microchipping, and cataloguing campaign. Our program connects UWARF's local operators to execute the following components:

Animal Rescue Program and Shelter

We employ vehicles leased by UWARF animal rescuers and trained animal handlers to identify street animals. Under extraneous circumstances, animals are anesthetized by the animal handler using blow darts. Additionally, we have partnered with local animal rescues and shelters to report animals brought in by members of the public. Animals are either transported to local animal shelters, veterinary clinics, or rented facilities where mobile clinics are constructed for temporary use.

To handle any overflow of animals and to streamline adoption, UWARF has partnered with Happy Dog Sanctuary. The plan is to house them at Happy Dog for appropriate care until they are adopted through partner organizations. Planning is underway to increase their capacity, as well as making their shelter Ukraine's first Zero Waste, eco-friendly and mobile animal shelter. Under consideration is building the shelter with used containers so they can easily be moved due to any unforeseen circumstances.

Sterilization, Vaccination, and Microchipping Program

A team of one veterinarian and at least one veterinary assistant assesses each animal for outstanding medical needs. The team then anesthetizes the animal and performs an ovariohysterectomy or medical castration. Following the procedure, a veterinary technician administers the rabies vaccine and the DHPPI or Tricat vaccine. A subcutaneous microchip is administered along the dorsal midline. In mobile clinics, the animal is monitored by veterinary technicians and UWARF rescuers and released once normal function returns. Animals brought to animal shelters or veterinary facilities are monitored for at least one week after the procedure. We hope to secure resources for laparoscopic ovariohysterectomies to minimize the risk of post-operative infection. We intend to implement our program in many locations around Ukraine. With teams working 249 days per year, we can achieve our goal of sterilizing, vaccinating, and microchipping 400,000 animals in three years.

Recommended Approach

Many of the large animal-focused organizations have halted operations in Ukraine due to the war. Bringing in volunteers and employees is expensive, risky and usually hard to guarantee their safety, as well as cover them with insurance. We have found a way around this and that is to use reliable Ukrainian veterinarians and organizations, but provide them with the structure, tools and supervision to guarantee quality and reliability. It's also much easier to mobilize them faster.

There are about 200 cities in Ukraine. The larger cities where the population is more than 1 million include Kyiv, Kharkov and Odesa. The rest are less than a million, and there are cities where the population is 20-30 thousand people. To effectively address the problem in Ukraine, UWARF will create sector methods of sterilizations, i.e. accessibility for transportation in the city +/-20 km, in settlements +/- 100-150 km.

Operations should already be carried out in existing veterinary clinics that have certain necessary equipment and good experience in this field. Our experience with this has been very successful. Veterinarians are looking for work with the current economy and currency under water.

- This method of work ensures the preservation of quality of sterilizations for each "point" will fall 7-10 sterilizations per day
- Prevent the expansion of the radius of infection of animals with viral diseases
- The "stability" of the work will ensure the introduction of a culture of the need for sterilizations in districts and regions
- Cooperation with local authorities (let's say on allocation of rabies vaccines from the state), will allow to submit good statistics of active struggle with spread of rabies, to implement future projects for Ukraine. Four Paws has offered to work with us to help with local municipality cooperation.
- Each clinic directly submits lists of animals that have been vaccinated through the mobile application to the Microsoft database. The system looks for irregularities and provides statistical data. UWARF will have staff in Ukraine providing quality checks and troubleshooting areas the system identifies.
- It is very important to understand that cities of Ukraine are deprived of the number of active volunteers that they had before the war. Those who remain are drowning in huge numbers. Therefore, it is very important to work with local "breadwinners" to give them an easy way to get to the clinic and have their animals spayed free of charge.



A separate, important topic is homeless animals, wild animals, which need a hospital. In each city, it is necessary to cooperate with a clinic that has experience with these animals and can provide post-operative care. It is also necessary to cooperate with local trappers, animal rescue teams that have experience in capturing animals.

To help with the effort to connect with Ukrainian vets, UWARF has established a partnership with Alexander Shupyk, DVM, PhD, Chairman of Association, Association of Veterinary Specialists of Colleges of Ukraine.

UWARF has partnered with Animal ID, the leading microchip company in Ukraine. Animal ID is an international platform for pets. We will be using their mobile application to register the animals as they come in for sterilization and vaccination. Ludia Consulting will use Animal IDs API to integrate into our database which will then use the Cudos blockchain to keep a permanent record of the animal's ID by creating an NFT.

Database Entry

A facial, lateral, and ventral photograph is taken of each animal. Trained UWARF operators upload images, microchip data, sterilization and vaccination records, and other relevant information into our database. The implementation of a secure database allows us to track the progress of our efforts. Additionally, we intend to train at least 1,200 local animal organizations on the implementation of our database to increase visibility of animals in their care and connect them to potential adopters. Another goal of our database is to aid in reunification efforts for animals abandoned by owners who have fled Ukraine. Owners can upload photos of their pets into the database, where AI technology and Facial Recognition software created by InData Labs will search the database for potential matches. Owners can then connect to animal organizations near the last known location of their pet, and microchip scanning will be employed to locate the animal for reunification. The GPS location and date/time will be imported from the photographs to the database. Our optimal goal is to facilitate at least 40,000 adoptions and reunifications using our database, 10% of animals in our care, in three years.

Implementation of Technology

We will be training local animal organizations, veterinarians, suppliers, and delivery drivers on the use of our web and mobile application. Local animal organizations use our application to connect to volunteers, manage schedules, and administer daily responsibilities. Veterinarians upload information on

animals left in their care to our application which connects them to animal rescues and shelters with availability. Additionally, animal organizations connect to veterinarians with availability to assess, administer vaccines, and perform operations on animals in their care. To address the disrupted supply chain caused by the war, we have connected to local suppliers possessing resources for animal organizations. Suppliers upload available inventory such as vaccinations, medications, food, and pet supplies. Our application connects suppliers with local animal organizations that have reported a need for the supplies. Delivery drivers with reported availability are employed to transport supplies from the warehouse to the animal organization. We intend to train operators of at least 1,200 animal organizations in the integration of our technology with the goal of centralizing all management operations to a single interface.

iv. **Metrics to Track Impact and Success of Initiative**

<i>Metric</i>	<i>Relationship to Initiative Success</i>	<i>Baseline Metric Value</i>	<i>Target Metric Value</i>
Number of dogs and cats sterilized	Our primary goal is to prevent further overpopulation of street animals in Ukraine. The most effective measure of long-term prevention is mass sterilization, this we intend to sterilize 400,000 animals total in three years. We have included more cats in our program than dogs due to their higher reproductive rate and shorter gestation period, as well as cost-effectiveness of procedures.	~23.5%, or 6,300,000 animals, are suspected to be sterilized in Ukraine. This figure is lower in stray animals. It should be noted that the initial population of street animals is approximated.	160,000 dogs 240,000 cats
Number of dogs and cats with rabies vaccine	To prevent the transmission of rabies between animals, as well as to humans, a mass vaccination campaign must be performed. The administration of rabies vaccines will aid in the prevention of transnational animal and	Unknown, but presumed to be low. Previous studies indicate high transmission rates between street animals in Ukraine, thus herd	160,000 dogs 240,000 cats

	<p>human suffering. Previous campaigns to prevent the transmission of rabies has included mass culling of street animals, thus we intend to create an effective and humane alternative.</p>	immunity has not been reached.	
<p>Number of animals reunited with owners or adopted through database</p>	<p>The best way to ensure the safety and welfare of an animal is to provide them a loving home.</p> <p>Thus, we have created a database to promote visibility of abandoned and adoptable animals. Our database uses AI to match owners to pets they were forced to abandon during the war. The reunification of pets with their owners allows animals to re-enter a familiar environment where their welfare is ensured. Additionally, our database provides potential adopters with a comprehensive record of available animals, thus ensuring that the needs and lifestyles of animals and adopters are matched.</p>	0	At least 40,000 animals
<p>Number of animal organizations with our technology integrated</p>	<p>UWARF is committed to aid in the operations of existing animal organizations. Thus, we have developed a web and mobile application to assist in volunteer, donor, and resource management.</p>	0	1,200 animal organizations including shelters and private rescues



v. Peer Involvement

UWARF recognizes the dedication of organizations that have devoted themselves to sterilization and animal welfare efforts in Ukraine. Unfortunately, most of these efforts have been halted or significantly disrupted since February 2022 due to the war. Part of this is due to the inability for large NGOs to send employees or volunteers into a war zone due to policy and insurance reasons. Part of this is a lack of funding. White Angel, [Four Paws](#), and [Naturewatch](#) have been promoting animal welfare in Ukraine since 2009, 2008 and 2018, respectively.

White Angels is a Ukrainian charity. Between 2009 and 2022, White Angels has performed 22,970 sterilizations and vaccinations in Kiev, Odessa, Nikolaev, Kharkov, Kremenchug. They created All-Ukrainian Association of Sterilization and Disinfection (<http://www.sterilization.com.ua/>).

Four Paws has offered to cooperate and coordinate efforts when they begin their efforts in Ukraine again. Between 2008 and 2018, Four Paws performed up to 22,600 sterilizations on street animals in Ukraine.

We have been working in other partnerships with Naturewatch primarily in receiving supplies and feeding tubes. We will cooperate and communicate with them to streamline our efforts. Prior to the invasion in 2020, Naturewatch performed 2,592 sterilizations on street animals in Ukraine.

Through their efforts, these organizations acquired knowledge and built connections in Ukrainian communities, including with government officials. While they are interested in continuing their animal welfare campaigns in Ukraine, the war has led to disruptions in their supply chains and funding, leading them to refocus their efforts on projects in other regions. White Angel is our primary partner in Ukraine. Their executive director, Dr. Galina Lazarchuk, is recruiting veterinary teams, organizing clinic rentals, overseeing volunteers, and managing medical supply stocks. We provide funding as well as resources to oversee clinic quality, training for optimized operation efficiency, management technology, and animal welfare.

We have also connected with organizers of the Ukrainian projects from Four Paws and Naturewatch. Organizers from Four Paws and Naturewatch have shared their knowledge and connections with us, including their contacts in the Ukrainian government who have worked to pass animal welfare legislation. We have shared our technology with another organization UPAW. UPAW receives funding from Vet without Borders and Four Paws. We will coordinate with these organizations to implement our respective sterilization and vaccination campaigns in separate geographical locations to ensure wider coverage. We will continue to collaborate with these organizations so that we can accomplish our collective goal of



promoting animal welfare and preventing the overpopulation of street animals. Our efforts are unique because we are operating exclusively in Ukraine, thus we have adapted our campaign to region-specific issues and expectations.

We are collaborating with several other organizations to promote our collective goals. [UPAW](#) has provided nearly 480,000 kilograms of food to approximately 2,500 animal shelters and rescues across Ukraine. We are currently in discussion with UPAW's organizers to integrate our technology into their website to create a comprehensive interface for food and resource delivery. We hope to integrate our volunteer and donor management systems into at least 50% of their associated animal organizations.

Additionally, we intend to train operators of associated animal organizations in the use of our database to increase visibility of their adoptable animals. [Animal-ID](#) is an international organization that assigns animals a unique scannable QR code associated with a database, allowing animals to be quickly identified and reunited with their owners. They have applied their technology to stray animals worldwide to quantify and characterize local populations. We hope to integrate Animal-ID's mobile scanning technology into our application to create a more comprehensive database of street animals in Ukraine.

To help track Ukrainian animals and assist with adoptions and reunifications, UWARF has partnered with Cudos to create a blockchain and NFT (Non-Fungible Token) system. Cudos Ltd 'Cudos' a Gibraltar-registered blockchain company wholly owned by Cudo Ventures 'Cudo' a UK-registered company that unites cloud and blockchain. They use spare computing to create a decentralized, sustainable, and connected database of Ukrainian dogs and cats. This technology ecosystem will allow us to track animals as they get microchipped and their journey from street to shelter to their forever homes, thus creating a permanent record of their lives. Cudos Also, to help with animal rescues, captures and storage, UWARF is partnering with Happy Dog Home in the Odesa region. Kristina Drahomareckata manages this Happy Dog Home and has been assisting with 1,000 sterilizations, vaccinations, microchipping in her region, as well as animal transport and capture.

Nowzad has been a partner with UWARF. They have contributed use of their warehouses in Ukraine and Poland, provided necessary supplies, and donated \$25,000 to our initial pilot. For this program, we will be able to leverage their warehouses in Poland and Ukraine. They will also help with procurement of supplies not available in Ukraine.

We have partnered [Dogs n Homes](#) founder Gary Baxter who facilitates dog rescues and adoptions in the UK and Portugal. He participated in our sterilization pilot program and continues to provide his



expertise on animal rescues and adoption matching. We will rely on him as a sounding board and strategist.

vi. **Barriers and Risks**

The primary barrier of our efforts is the disruption of normal function in Ukraine due to political unrest. Prior to the war, the Ukrainian government had begun to designate resources to improve the welfare of street animals and humanely combat further overpopulation. However, these efforts have been deprioritized. Thus, we are unlikely to receive financial support from the Ukrainian government. This is unlikely to change for several years following the war due to the need for governmental support for infrastructure rebuilding and human welfare.

We are limited by the disruption of imported goods to Ukraine caused by disturbances in the international supply chain that have been accentuated by the war. We have connected with local suppliers of resources necessary to our operations. However, rapidly changing circumstances could potentially deplete our access to locally sourced supplies. Additionally, our transportation into and within Ukraine has posed barriers due to infrastructure collapse. Thus, alternate routes must be planned to prevent unnecessary delays.

While we have partnered with local operators to assist in cultural and linguistic knowledge, some of our operations have been delayed by language barriers. To help with this we have brought on team members that speak English, Ukrainian and Russian. We have been working to quantify and characterize the current situation of street animals. However, the data available is scarce and must be translated. Thus, we must combine existing research and our own data to effectively characterize the existing issue and the impact of our efforts.

Rabies vaccines are intended to last between one and three years. Therefore, follow-up vaccines would be warranted for the long-term acquisition of herd immunity. While we strive to create long-term solutions, the changing geopolitical landscape in Ukraine will determine the availability of follow-up vaccination campaigns. UWARF will certainly research longer lasting rabies vaccines, if available and affordable. We would certainly welcome the expertise of Humane Society International to help guide us with this. We will provide our database of previously vaccinated animals to the Ukrainian government and hope to obtain their assistance once federal resources can be refocused on animal welfare.

vii. **Execution Plan**

Sample Work Plan

Milestone	Timeframe	Activities to Reach Milestone
Ukraine		
By the end of 2025, we will sterilize, vaccinate, and microchip 160,000 dogs and 240,000 cats recovered from the streets.	Q1 2023-Q4 2025	<ul style="list-style-type: none"> Obtain or construct 10 veterinary facilities Administer an average of 54 sterilizations, vaccinations, and microchips per clinic per day for 249 working days per year
By the end of 2025, we will catalogue 160,000 dogs and 240,000 cats in our database	Q1 2023-Q4 2025	<ul style="list-style-type: none"> Train UWARF operators, volunteers, and veterinary technicians on animal cataloguing Integrate blockchain and NFTs
By the end of 2023, we will integrate our database and management software into 1,200 animal organizations	Q4 2023	<ul style="list-style-type: none"> Software training workshops for operators of animal organizations in Ukrainian and English Integration of database and software with websites of existing animal organizations

Budget

Milestone	Budget Required to Execute Milestone		
	Unit Price (USD)	Quantity	Price (USD)
Medical Materials for Sterilizations	\$16.00	400,000	\$6,400,000

Vaccines for Dogs	\$5.25	160,000	\$840,000	
Vaccines for Cats	\$6.00	240,000	\$1,440,000	
Microchips	\$2.00	400,000	\$160,000	
Cataloguing	\$0.40	400,000	\$800,000	
Veterinarians and Assistants (per operation)	\$18.00	400,000	\$7,200,000	
Three Operational Supervisors (per year)	\$150,000	3 years	\$450,000	
Clinic Rentals (per day)	\$25.00	747 days	\$18,675	
Total Price (USD)	Per Animal	Animal Operations	Additional Costs	Total Cost
	\$43.27	\$16,840,000	\$468,675	\$17,308,675

viii. **Appendix*****About Our Founder – Dan Fine***

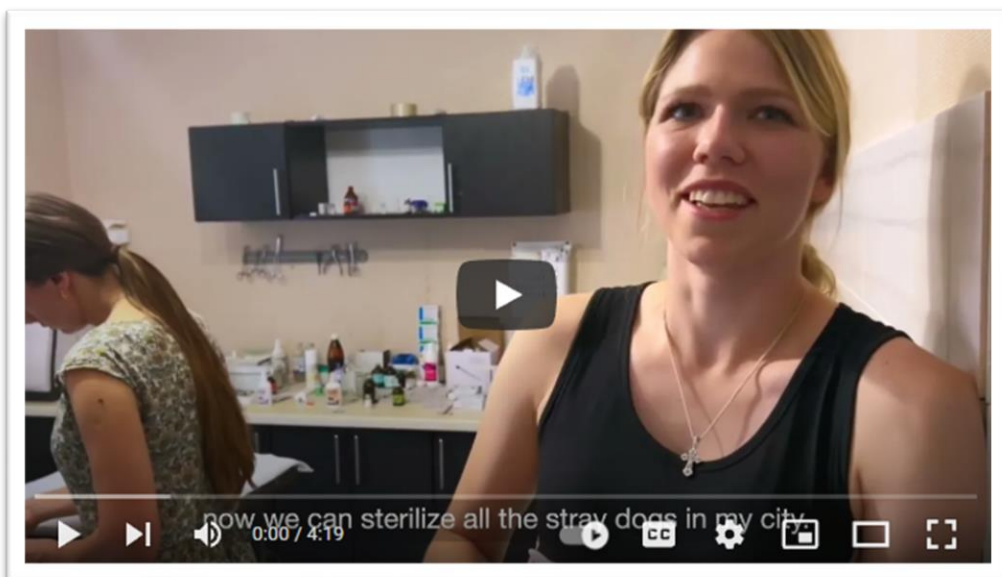
UWARF's founder Daniel Fine (left) in Nemishaieve, Kyiv with one of the street dogs taken in for our pilot program

Dan Fine is one of the early Web veterans and has founded multiple successful businesses. In Seattle, he founded fine.com, the first company to be named a "dot com" in 1994. Dan guided the company through an IPO in 1997 on NASDAQ to an acquisition by Aris Corporation in 1999. He then co-founded Bot, Inc. in 2000 where, as the CEO he received a patent for intelligent software agents and the platform to build and deploy bots securely. He hired 85 developers in Krakow, Poland for this effort. Dan then built a Microsoft partnership in Seattle and worked with a group of developers in Kyiv, Ukraine. Dan sold his last company to Encore and has worked for them until the end of 2021. Along the way, Dan received several awards including Ernst & Young Entrepreneur of the Year Award, and Small Business Person of the Year Award by SBA. He is a volunteer at Take A Hike Foundation, a governor with Paws with Cause, a past board member of PAWS and a current board member of Vancouver International



Mountain Film Festival, as well as the Vancouver Humane Society. For more than a decade, Dan and his dog, Kal-El are a therapy team visiting senior homes, libraries, schools and the Royal Canadian Mounted Police.

Video from Our Pilot Program <https://youtu.be/avXR0xMHMK0>



Video from KIRO News - https://youtu.be/zKblvS9_YVA





Signatures from Our Partner Organizations and Effort Participants

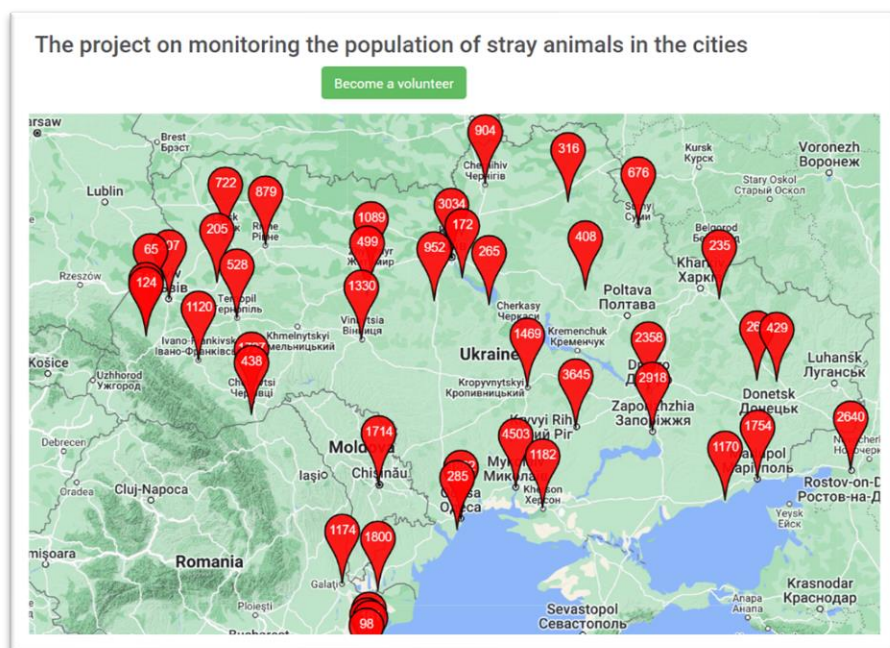
Organization	Name & Position	Signature
Ukraine War Animals Relief Fund (Manager)	Dan Fine – Managing Director	
DogsnHomes (Strategy Development)	Gary Baxter – Founder	
White Angels (Program Manager, Veterinarian & Volunteer Recruiter, Procurement)	Dr. Galina Lazarchuk - Director	
Happy Dog Home (Shelter Manager and Operations Coordinator)	Kristina Drahomareckata - Founder	
(Clinic Quality Management and Social Media)	Angela Stoop -- Veterinary Tech	
Ludia Consulting (Microsoft D365 Platform)	Lucas Diaz - Chief Executive Officer	
Cudos (Blockchain and NFTs)to	Pete Hill - VP of Corporate Development	
InData Labs (Facial Recognition)	Artem Kozak – Data Scientist	
(Clinic Processes Design)	Kim Morgan – Veterinary Tech	

Animal ID (Microchipping and Animal Registration)	Vasyl Dub - CEO	
Nowzad Dogs Charity	Pen Farthing - CEO	
Ukraine War Animals Relief Fund	Tana Axtelle – Co-Founder	
Association of Veterinary Specialists of Colleges of Ukraine	Alexander Shupyk - Chairman of Association	

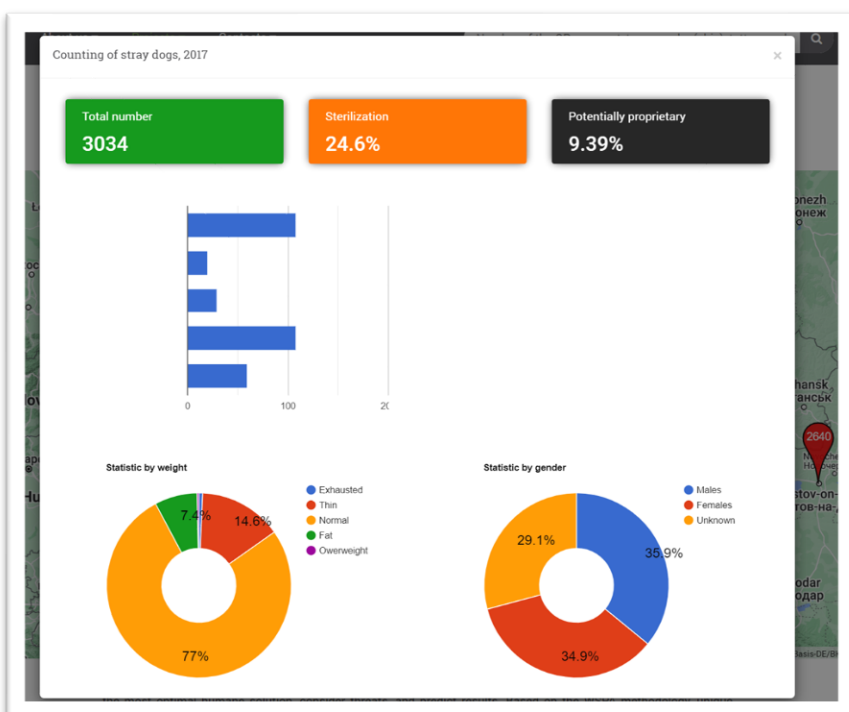
Ukrainian Veterinarian Association Study of Animal Population

Ukraine				
##	Region	Dogs	Cats	Foxes
		Quantity	Quantity	Кількість
1	2	3	4	5
1	Vinnytsia	155,055	120,822	4,240
2	Volynsk	94,740	69,961	2,619
3	Dnipropetrovsk	171,279	114,411	1,151
4	Donetsk			
5	Zhytomyr	87,899	48,115	2,445
6	Zakarpattia	96,909	32,100	2,323
7	Zaporizhzhia	196,013	145,621	3,217
8	Iv.-Frankivsk	129,785	90,093	866
9	Kyivska	129,098	102,921	1,631
10	Kirovohradsk	139,442	99,083	2,018
11	Luhansk			
12	Lviv	242,370	229,017	2,336
13	Mykolayivska	96,632	57,698	1,230
14	Odesa	204,476	118,451	1,959
15	Poltava	126,400	105,000	1,770
16	Rivne	114,760	85,844	858
17	Sumy	100,059	88,382	1,440
18	Ternopilsk	101,870	52,539	2,244
19	Kharkivska	133,516	87,110	2,667
20	Khersonsk			
21	Khmelnyska	103,254	80,341	3,648
22	Cherkasy	123,283	88,851	2,003
23	Chernivtsi	115,719	101,715	628
24	Chernihivska	119,880	114,640	2,731
25	Kyiv	28,300	13,150	
	Total	2,810,739	2,045,865	44,024

Animal ID Survey Information - <https://animal-id.net/en/counting-animals>



Example of region survey:





UWARF Spay Neuter Project Clinic Manual

See attached file - UWARF Spay Neuter Clinic Manual