



Co-funded by
the European Union

Shelter management system for “Animals Need Me”

Developed under U2SID Erasmus+ Digital Challenge at University of Shkoder

Team

Students: Loren Gjonaj (Business), Aurela Mandi (Finance), Alesia Celaj (Informatics), Fatjona Alija (Informatics)

Academics: Nertila Ljarja, Romina Dhora

IT support: Elton Shpuza





Co-funded by
the European Union

Some information on Animals Need Me (ANM)

Established in 2012 in Shkoder, Albania

Mission: rescue, rehabilitate, and rehome stray animals (dogs, cats)

Key activities

- Rescue operations: saving abandoned and abused animals
- Medical care: providing necessary treatments and vaccinations
- Spay/neuter programs: controlling stray population through sterilization
- Adoption services: finding permanent homes locally and internationally
- Community education: promoting responsible pet ownership





Co-funded by
the European Union

ANM's shelter facilities

Actually:

- its own shelter,
- collaboration with the municipality's shelter,
- the medical facility for on-site treatment, and
- foster (volunteers)

Comfortable living spaces for animals

Designated areas for socialization and play

Accommodates numerous dogs and cats with dedicated care

Team of experienced staff and volunteers





Co-funded by
the European Union



Project-based learning



Collaboration between University of Shkoder & Animals Need Me (ANM)



Aim: Develop a cost-effective digital shelter management system



Addressing the need for structured and centralized data management





Co-funded by the European Union

Current situation



ANM currently uses Google Drive, Excel documents & Website for shelter management



Public data are available via app & website



Internal data manually updated and fragmented





Co-funded by
the European Union

Identified challenges

Data fragmentation & manual updates

No automated tracking of animal status

Lack of a centralized internal system

High cost of existing market solution





Co-funded by
the European Union

Proposed solutions

1. Excel-based system (short-term)

- Free, structured, and easy to use
- Organized workbooks for animal records, shelters, treatments and adoptions

2. Shelter management system (long-term)

- Centralized digital platform with real-time tracking
- Automated reporting & improved accessibility





Co-funded by
the European Union

Implementation steps



Needs assessment and stakeholder discussions



Developing structured Excel workbooks



Initiating software development for a custom solution



Testing and refining user experience



Final integration and staff training





Co-funded by
the European Union

Expected impact



Improved efficiency in shelter operations



Better tracking of animal health, adoptions & shelter capacity



Cost-effective & scalable solution



Strengthened collaboration between academia and NGOs (society)





Co-funded by
the European Union

Pioneering shelter management in Albania

Innovation: Developing Albania's first comprehensive Shelter Management System

Features:

- Centralized database for animal records
- Streamline adoption processes
- Efficient tracking of medical histories
- Enhanced coordination among shelters

Impact: Setting a national standard for animal welfare management





Co-funded by
the European Union

Significance of collaboration with ANM

Expertise: ANM's extensive experience in animal welfare

Community trust: Well-established reputation in Shkoder and beyond

Mutual benefits:

- Practical application for academic research
- Real-world impact on animal welfare
- Strengthening university-community partnerships





Co-funded by
the European Union

Conclusion & next steps



Short term solution (Excel) being implemented



Long-term software development in progress



Continuous collaboration & feedback loop



Potential for broader application in Albania



UNIVERSITÀ
DEL SALENTO




Co-funded by the European Union

CONTACT US: INFO@ANIMALSNEEDME.COM

Admin Login

HOME PROJECTS SHELTERS CONTACT US



WELCOME TO ANIMALS NEED ME

Animals Need Me is a highly committed organization which began in 2012, focusing on helping stray dogs and cats in the city of Shkoder, Albania.

Our efforts consist of:

- Raising awareness on the issue of stray animals in schools and in the media.
- Massive spay/neuter campaigns.
- Providing medical assistance for sick or injured stray dogs and cats.
- Providing shelter for those animals who cannot survive in the street.
- Finding adoptive families, locally and internationally, for the dogs and cats we foster.



We are currently calling for animal welfare organizations or donors to finance our Spay/Neuter campaigns for dogs and cats in Shkoder, Albania!

We strongly believe in our mission. We are very passionate about what we do and your help would mean a lot!

ANNUAL FUNDRAISING CAMPAIGN

Please, take a look at our Projects page and feel free to Contact us if you have any questions.

SUBSCRIBE TO OUR NEWSLETTER

GET ON ANDROID DOWNLOAD FOR IOS

This system is designed in the framework of UZSID, an Erasmus+ CBHE project. The European Commission's support in the project does not constitute an endorsement of the contents of this system, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein. | All Rights Reserved © 2025.

ANM Shelter management system (work in progress)



UNIVERSITÀ DEL SALENTO



Co-funded by
the European Union



Thanks for your attention

Q&A

