



APOPO

**“Anti-Persoonsmijnen Ontmijnende Product
Ontwikkeling”**

“Anti-Personnel Landmines Detection Product
Development”

**Deniz Aralan 21802137
Ömer Düzgeç 21601331
Defne Başeren 21803453**

AGENDA

- **What is APOPO?**
- **How does it work?**
- **Main & Sub-Projects**
- **Success**
- **Current Situation**
- **Similar NGO's**
- **References**

What is APOPO?

“Training rats to save lives.”



“For over 20 years APOPO’s scent detection animals have been detecting landmines and tuberculosis.”

What is APOPO?

Founded in **1997**
by pet owner &
industrial engineer
Bart Weetjens.

APOPO breeds, trains,
& conducts research
of hero rats & dogs.

Active in **50+** African
countries.



Where and for whom APOPO works:

APOPO became an independent mine action operator in Mozambique in 2007. We have since worked across the globe and currently carry out mine action operations in three countries



Zimbabwe



Mozambique



Vietnam



Lao PDR



Thailand

Where and for whom APOPO works:

APOPO's tuberculosis detection HeroRATs begin learning to detect target scents at our training and research center in Morogoro, Tanzania, before being deployed at our TB-detection facilities.



Tanzania



Mozambique



Ethiopia

How APOPO Works: Problem

- Over **60** countries are contaminated with hidden **landmines** and other explosive remnants of war.
- Slow and inaccurate detection methods make **tuberculosis** the world's most deadly infectious disease. **1.8 million** people die each year.

How APOPO Works: Solution for Landmines

Training lasts 9 months from birth.



After soil training, rats take a test.



Then begins cognitive conditioning.



If they pass the test, they become heroRATs!

HeroRATs usually retire after 5 years of service.

How APOPO Works: Solution for Landmines



Here is heroRAT Ronin on a landmine mission in Mozambique.



Here is heroRAT Ronin enjoying a banana and a slice of watermelon as his reward.

How APOPO Works: Solution for Tuberculosis



https://www.youtube.com/watch?v=Z_vc5BtPPQ0&t=69s&ab_channel=APOPO

Main Projects : Detecting Landmines



Countries and states with hidden landmines

59



Global accidents in 2019

5,554



Percentage of accidents involving children

43

Main Projects : Detecting Tuberculosis



Number of new TB infections in 2019

10.000.000



People missed by global health systems in 2019

3.000.000



People who died from TB in 2019

1.400.000



Success : Awards



-APOPO has now been ranked as Top-Rated Non-Profit on GreatNonProfits for a seventh year in a row.

-Most Innovative Solution award in 2016.

-WorldBank, World Economic Forum, etc.

Success : Magawa

-Magawa was formally presented with his rat-sized **PDSA Gold Medal** by the PDSA's Director General.

-He is the first rat in the charity's 77-year history of honouring animals to receive a PDSA Medal.



Success : Stories



She is Husna.

“I’m sure the HeroRATs and APOPO will save many more lives.”



He is Herry, 9-year old .

“Thank goodness that one day the clinic called to say that his sample had been tested by clever rats that can smell TB”

**no major
failures but...**

ENABLED IMPACT

SINCE APOPO
BEGAN UNTIL
THE END OF 2020



139,423

Landmines and
other explosives
destroyed



29,919,387 m²

Safe land given
back to
communities



1,096,042

People freed
from the terror
of landmines



718,730

Suspect
TB samples
screened



20,071

Additional
TB Patients
detected



169,020

Potential
infections
halted



2019 : Rebranding

- Working in different contexts
- Grew in Training and R&D
- Innovation projects tackling wildlife conversation

2020: HeroDOGs

- Training technical survey dogs
- **Twice as Fast**
- Complimentary: used prior to clearance

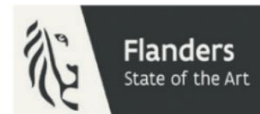


2020: Countries

- Completed: Cambodia and Angola
- Maintained: TB-detection labs in Tanzania

Partnership & Donors

leveraged international
support network



Similar NGO's

Fighting Landmines



Fighting Tuberculosis





Thank You !

References

- Official APOPO Webpage, <https://www.apopo.org/en>
- <https://reliefweb.int/report/world/herodogs-join-apopo-animal-team>
- <https://www.eaie.org/blog/new-partnerships-new-challenges.html>
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