

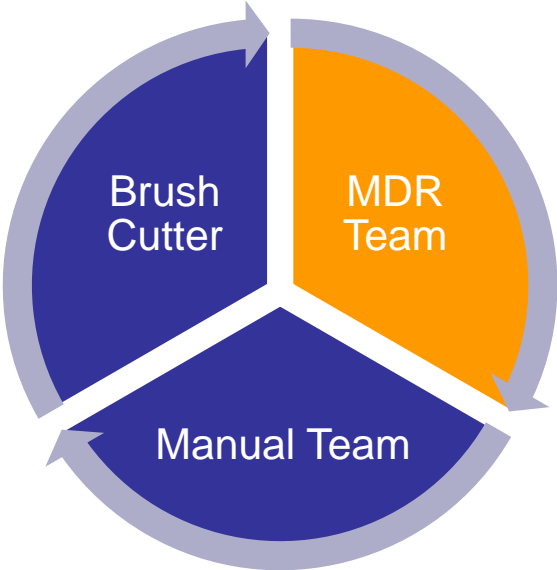


CAMBODIA

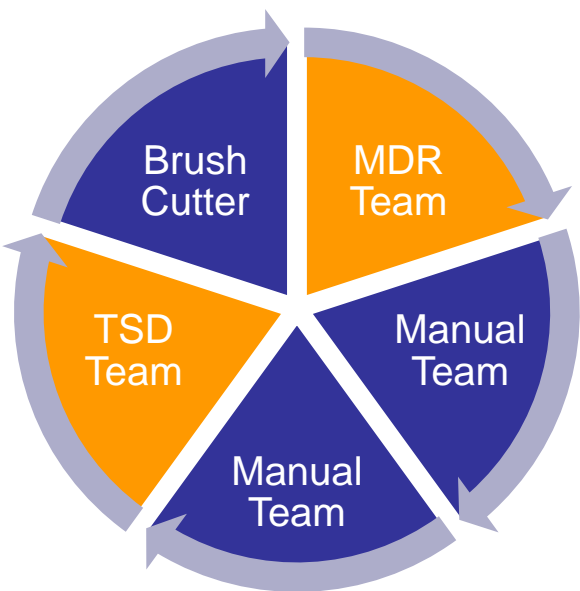
ASEAN Regional Workshop, November 14th 2018



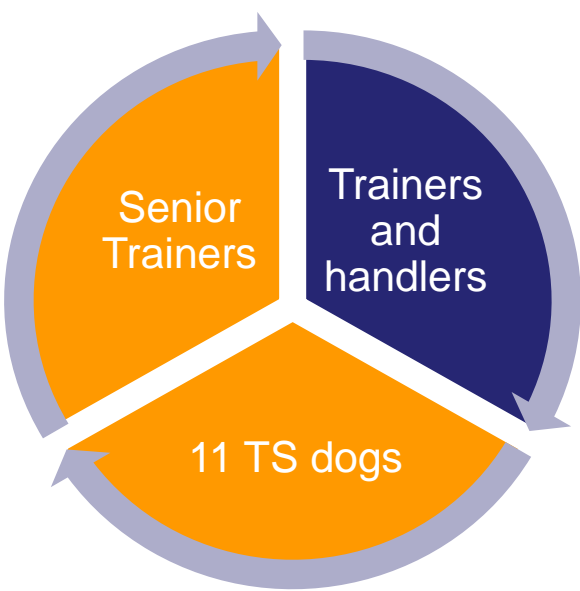
Siem Reap Province



Preah Vihear Province

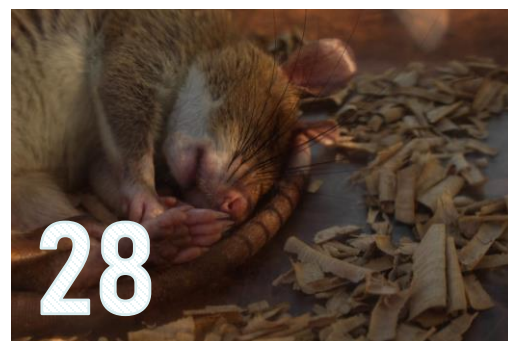


Kampong Chhnang





2018 in Numbers





2018


- ▶ 25% efficiency improvement in MDR operations.
- ▶ Fixing the balance of the different teams in the toolbox.
- ▶ Quality Management SOP
- ▶ Reaching 1,000,000 M²
- ▶ TS Pole Search Method.
- ▶ Aerial Survey

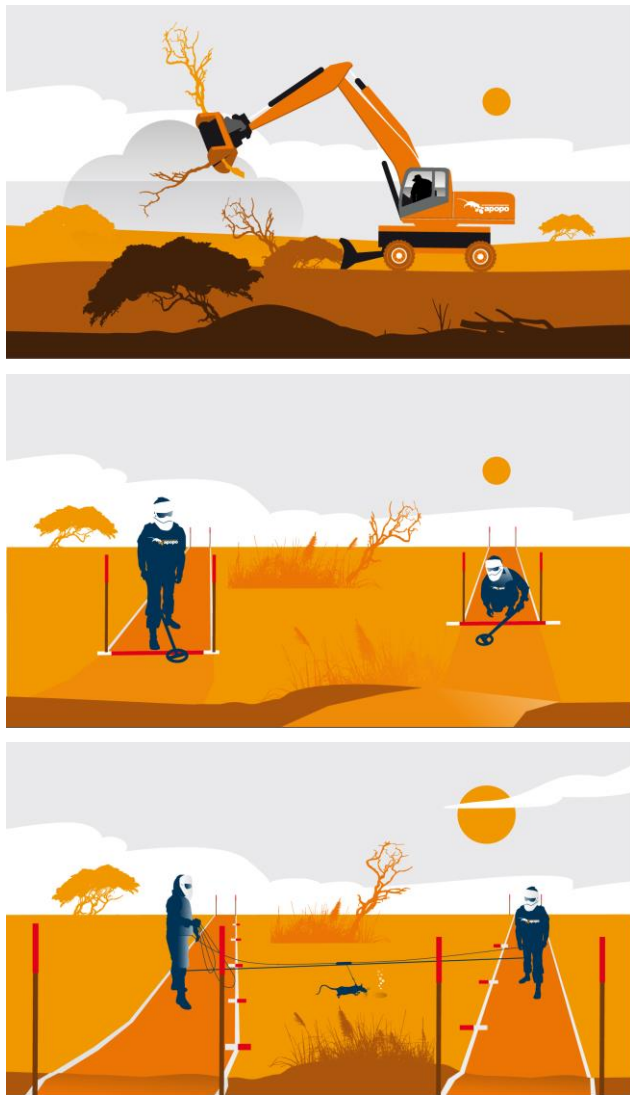
2019

- ▶ Building additional MDR team in one of the north-western provinces.
 - ▶ Clearing 2,000,000 M²
 - ▶ Integration of Technical Survey SMART dogs in Preah Vihear and reporting on the results of the trials and on the SMART.
 - ▶ Piloting the TS Pole method within the program/partners and measuring cost efficiency.
 - ▶ Piloting the SMART dogs in CMRS
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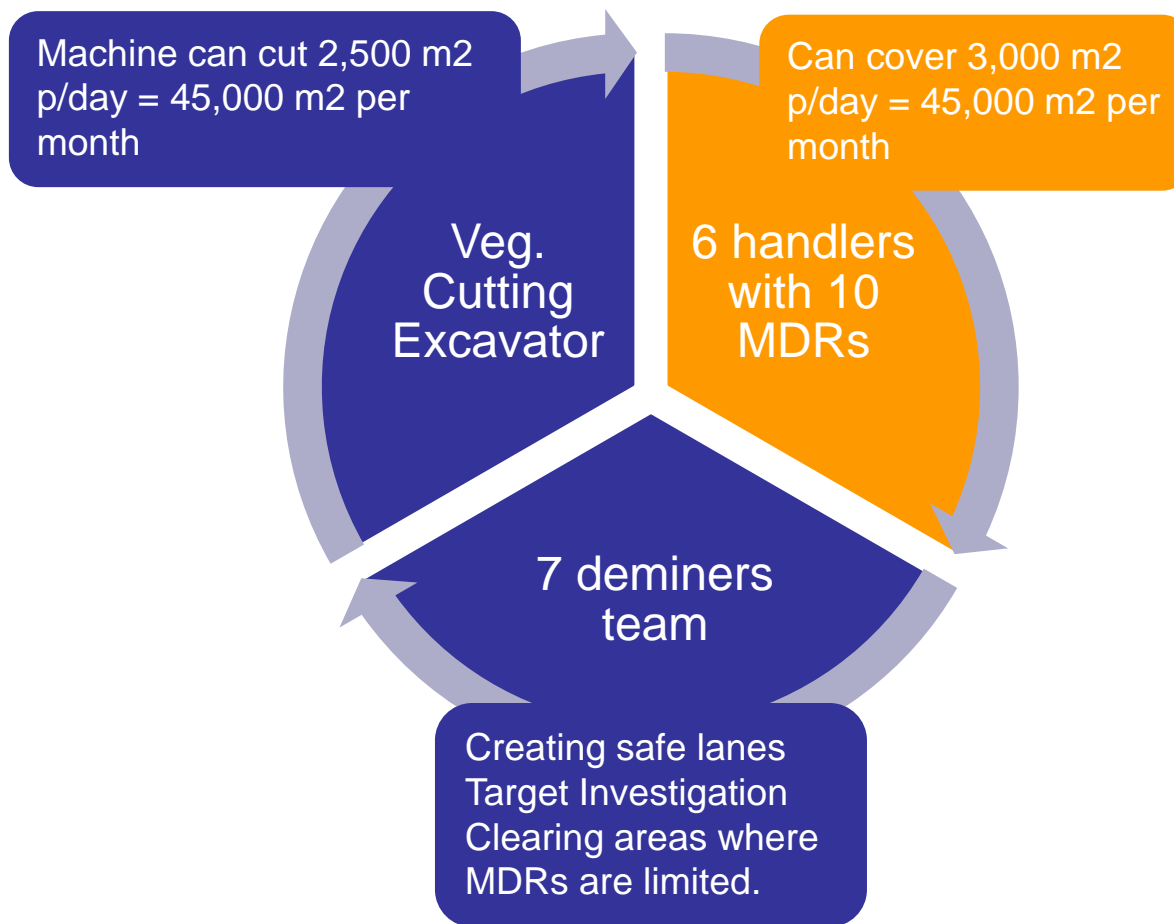
Main Understandings 2018

- ▶ Each couple of handlers have 3-4 rats, used in rotation during 3 hours between 6:00-9:00. Each rat expected to search not more than 350 m² per day.
- ▶ In place where 10 rats are needed to achieve 3,000 m² cleared per day, better to have 12 rats assigned – 2 spare rats in case of skin surgery and recovery time.
- ▶ Rats come to their maximum cost efficiency in places where Mechanical Vegetation Cutting Machine is working. The parameter that sets the pace of the rats is the vegetation cutting.
- ▶ There are many polygons in Cambodia where Organizations use Vegetation Cutting Machines for Survey/Clearance. In all these places, rats can accelerate the operations.
- ▶ TS searching method using a Pole, doesn't require preliminary manual safety lanes. A handler with a rat can follow the veg. cutting machine.

$$1 \text{  + 7 \text{  + 10 \text{  = 3,000 \text{ m}^2 \text{ p/day}}$$

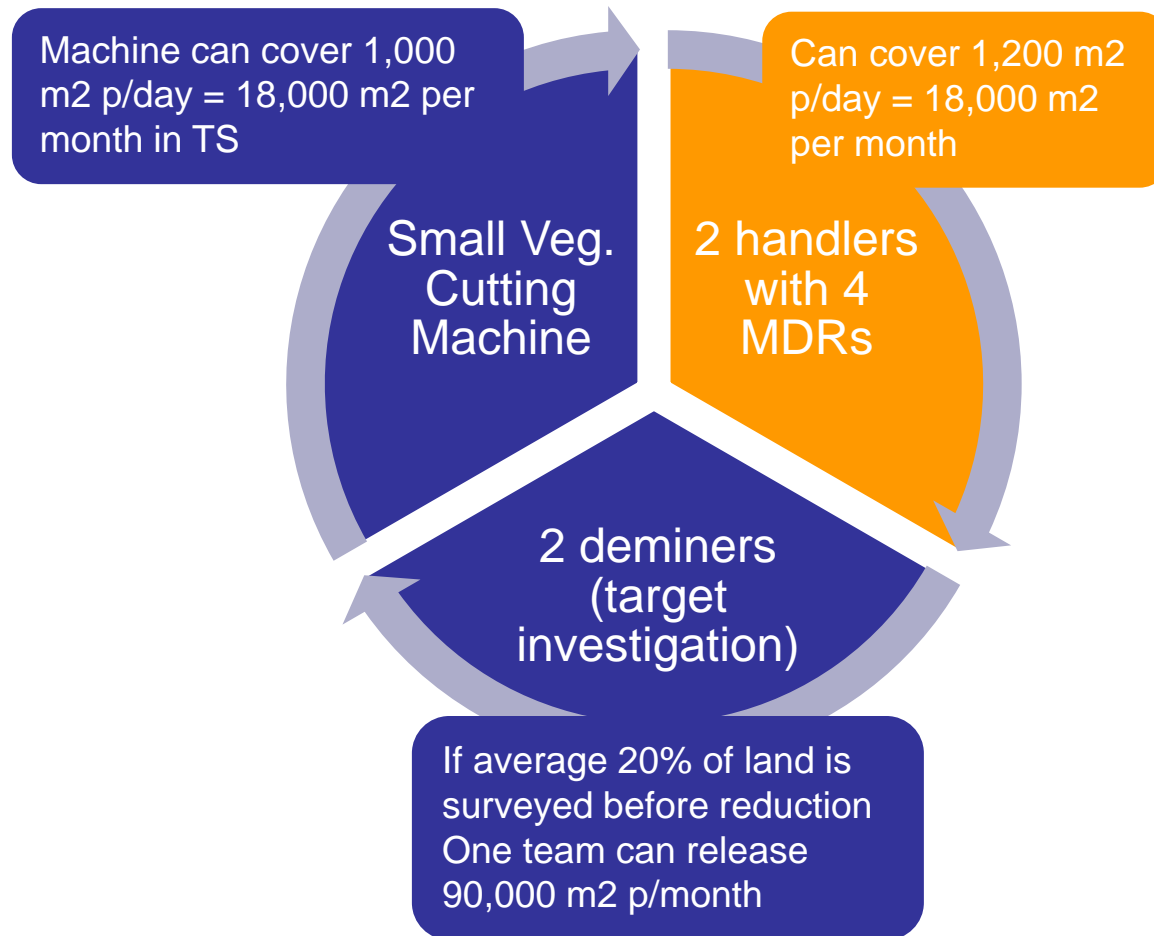


FULL CLEARANCE

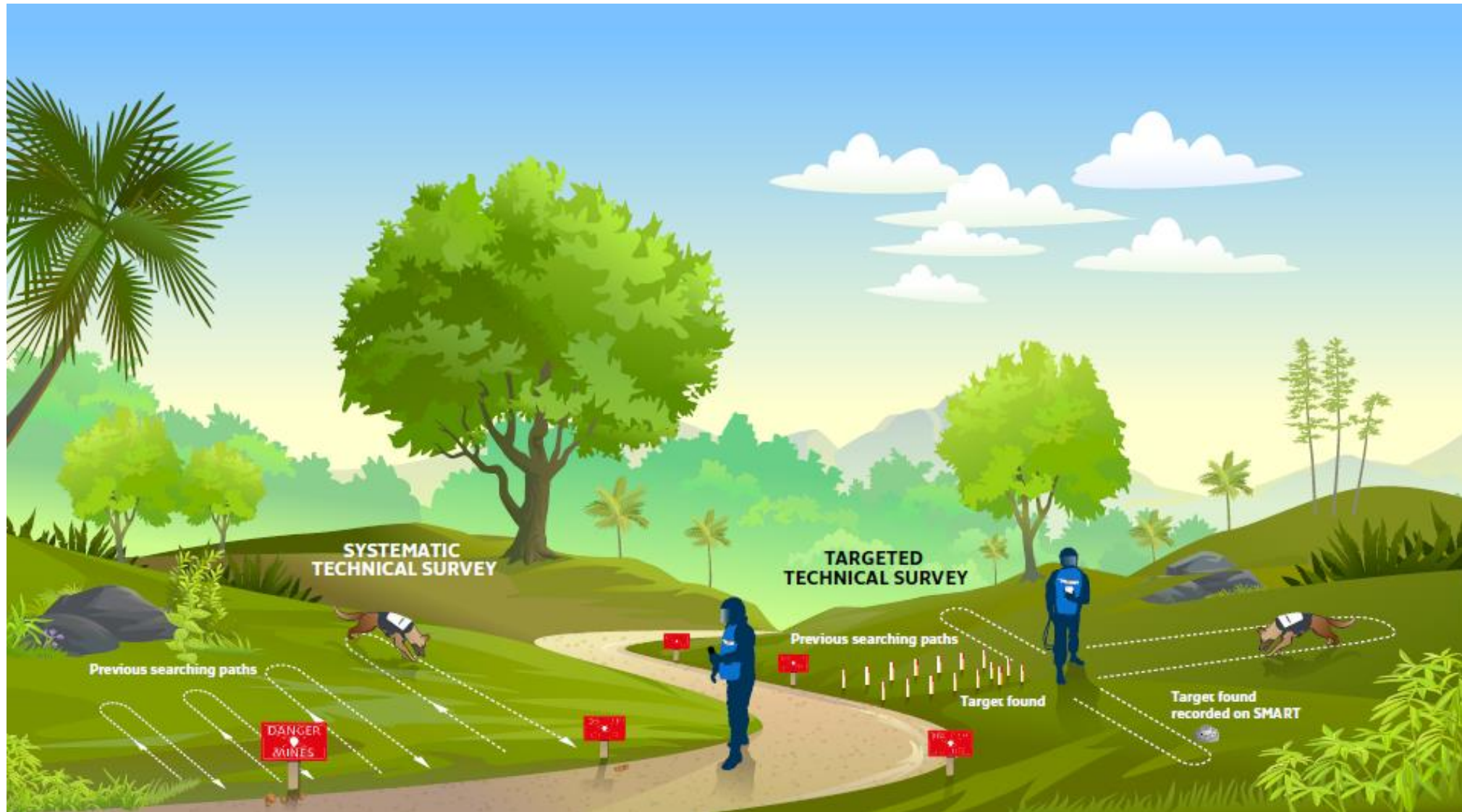




TECHNICAL SURVEY



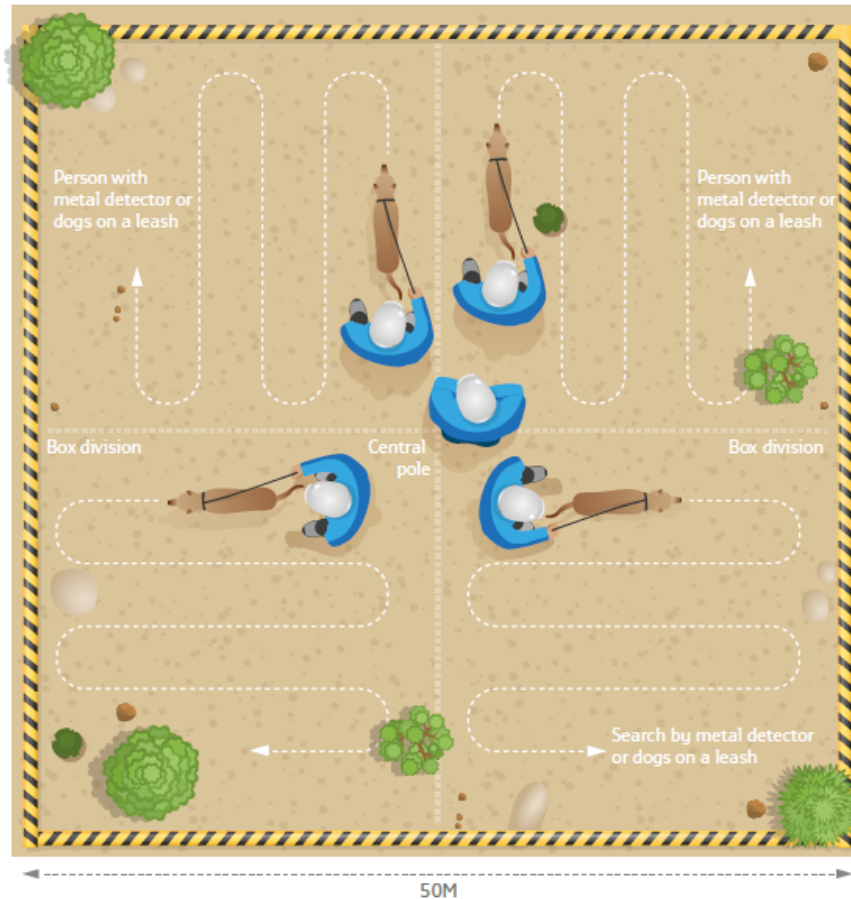
SMART DOGS IN TS



SMART DOGS IN CMRS



CMRS SURVEY TODAY

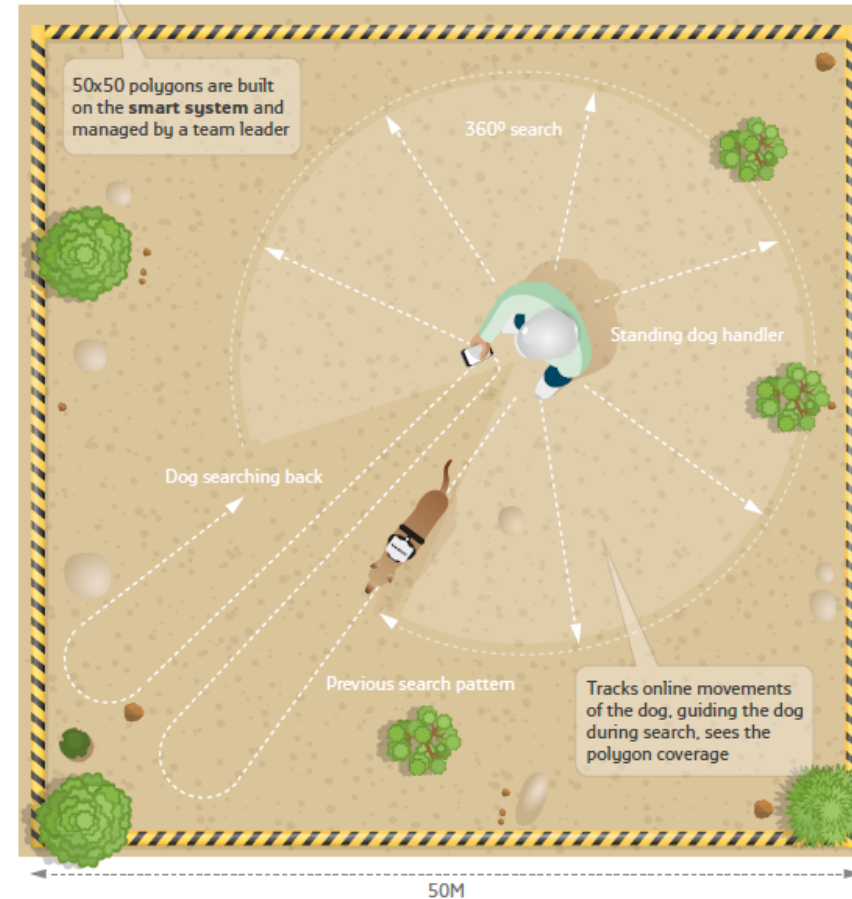
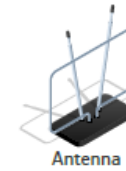


5 people with 4 metal detectors or dogs survey this box for 30-45 minutes.



CMRS BY APOPO

Smart technical survey dogs



1 handler and 1 dog 30-45 minutes.

PARTNERS AND DONORS



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