



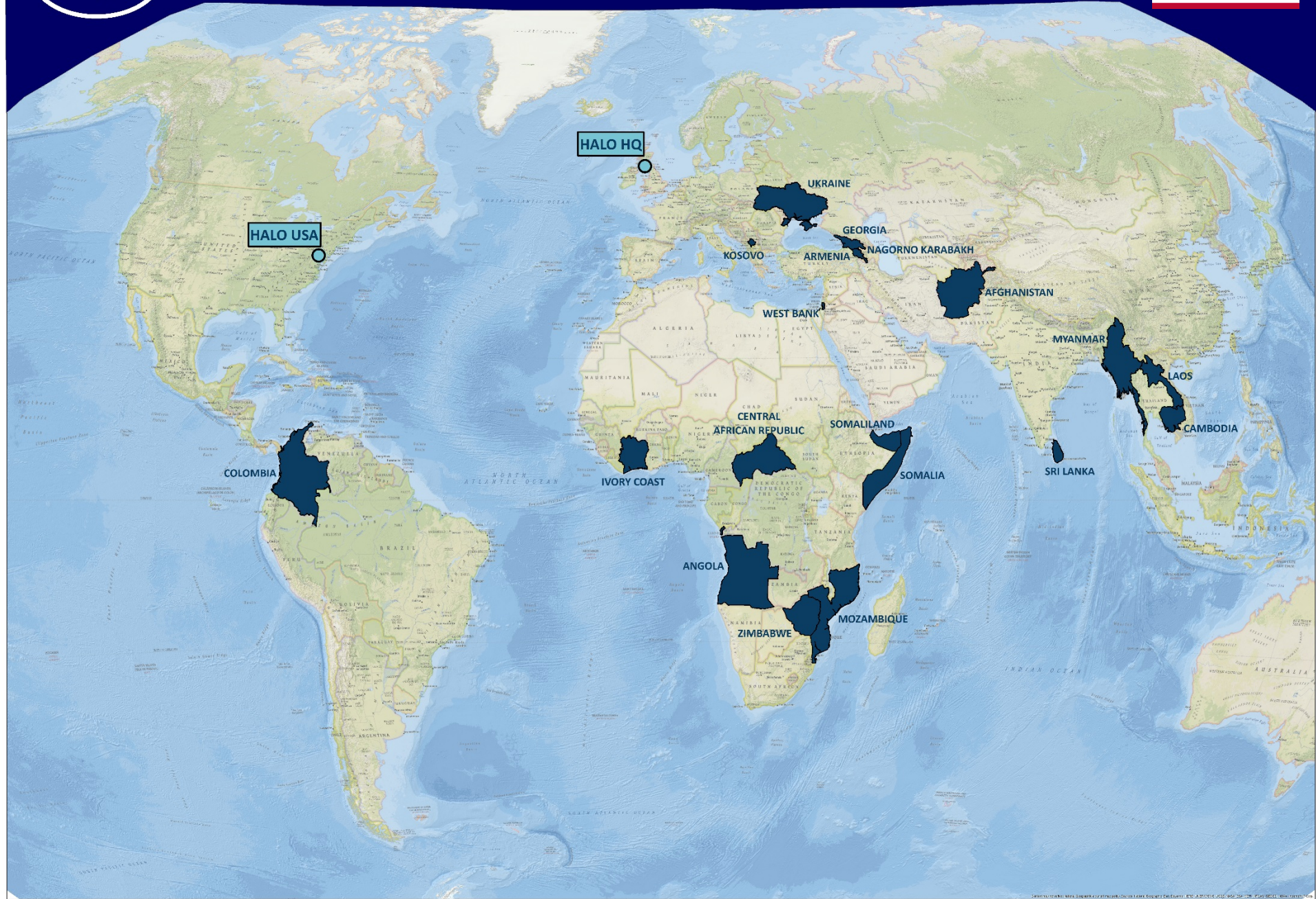
HALO Trust Laos



Susanna Smale
Programme Manager
June 17

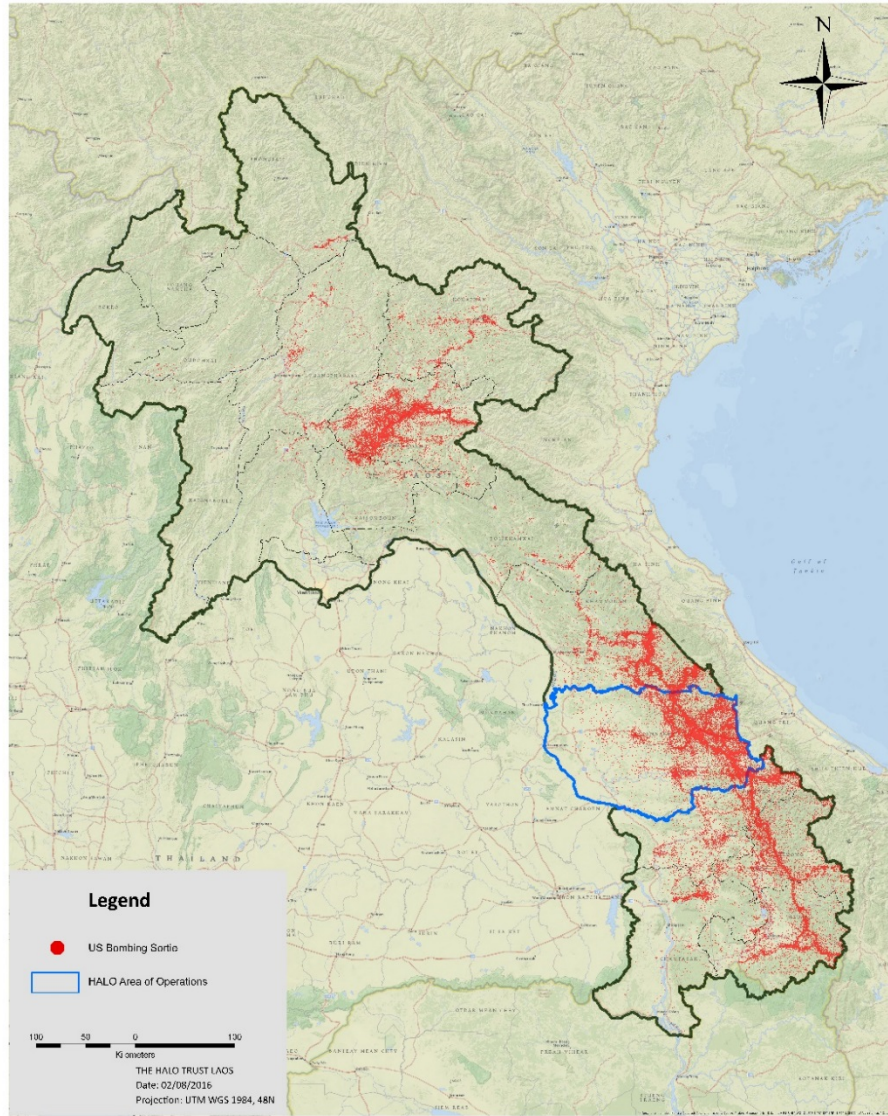


Where We Work





The HALO Trust Laos



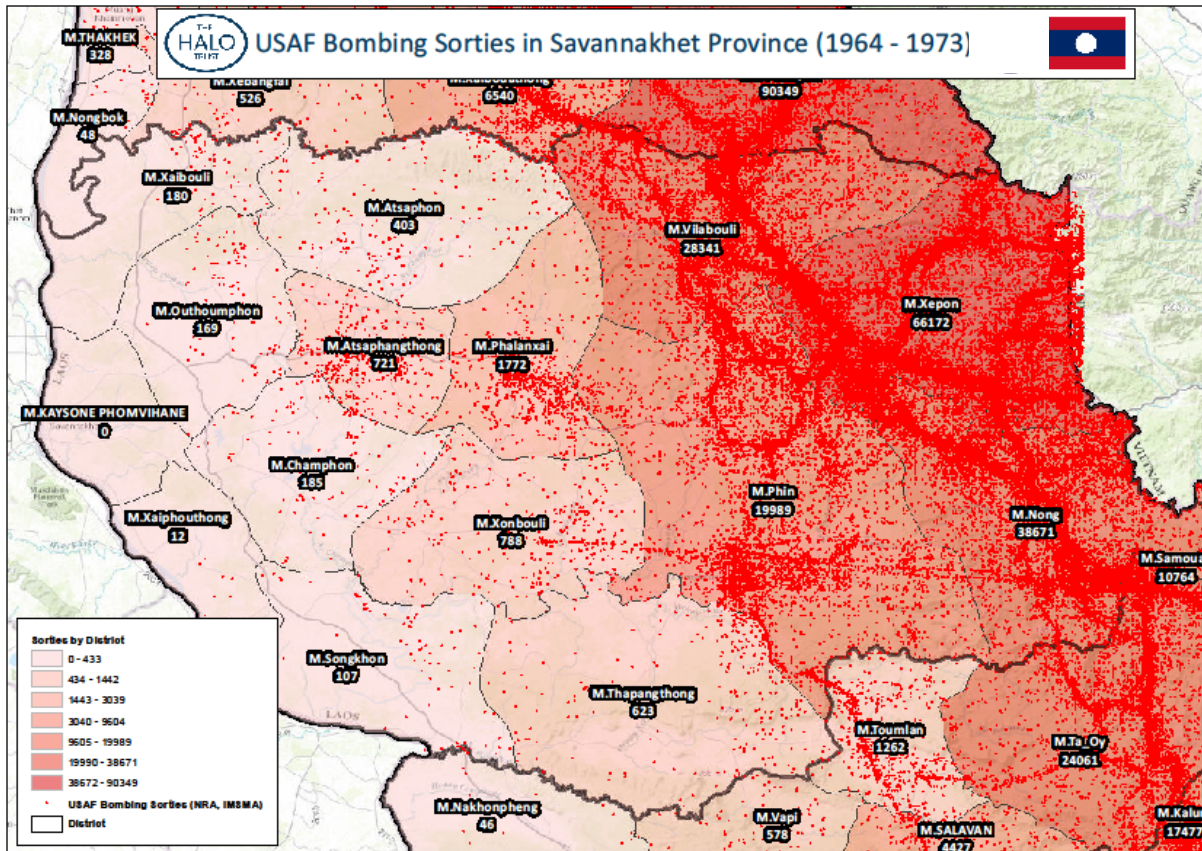
- Started in 2012 with our first item being destroyed in November 2012
- Vientiane Office
- HQ in Sepon
- Operations in Savannakhet Province
- Sepon, Nong, Phine & Vilabouly Districts



Savannakhet Province



- The most highly contaminated Provinces in Laos
- Over 35,000 cluster munition strikes
- Over 12,500 representing 25% of all accidents in Laos post 1964¹
- A per capita accident rate of 1 every 66 people



¹ NRA VA Phase I Report, 2010



Our Team



- 270 Staff
- 14 x 5 person Survey Teams
- 10 x 12 person Clearance Teams
- 29 Support staff
- 38% female staff



Our Operations



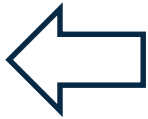
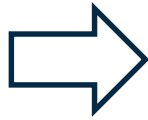
- Risk Education
- EOD Roving Tasks/Call Outs
- Non Technical Survey
- Technical Survey
- Clearance
- Monitoring & Evaluation



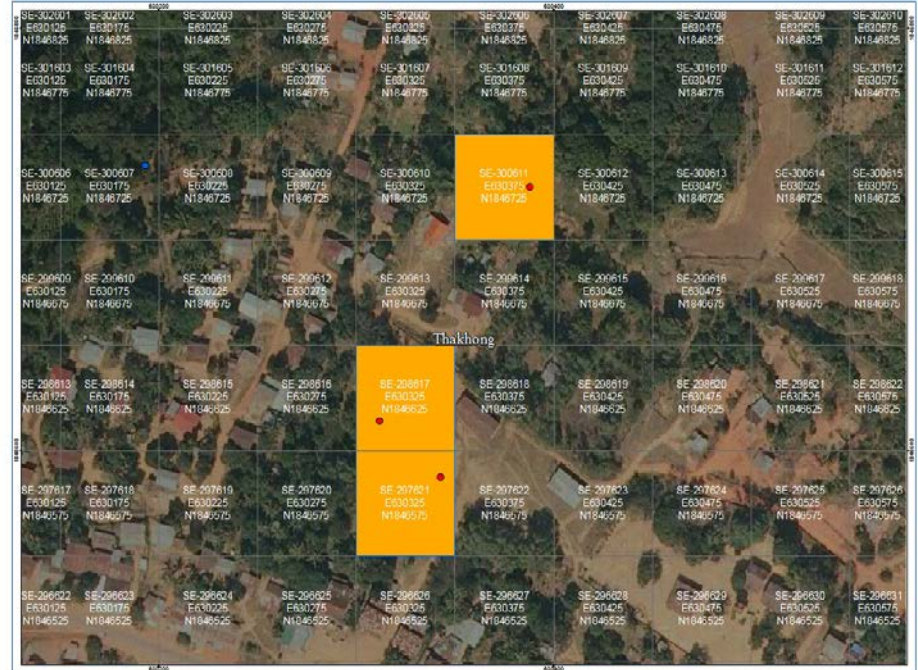
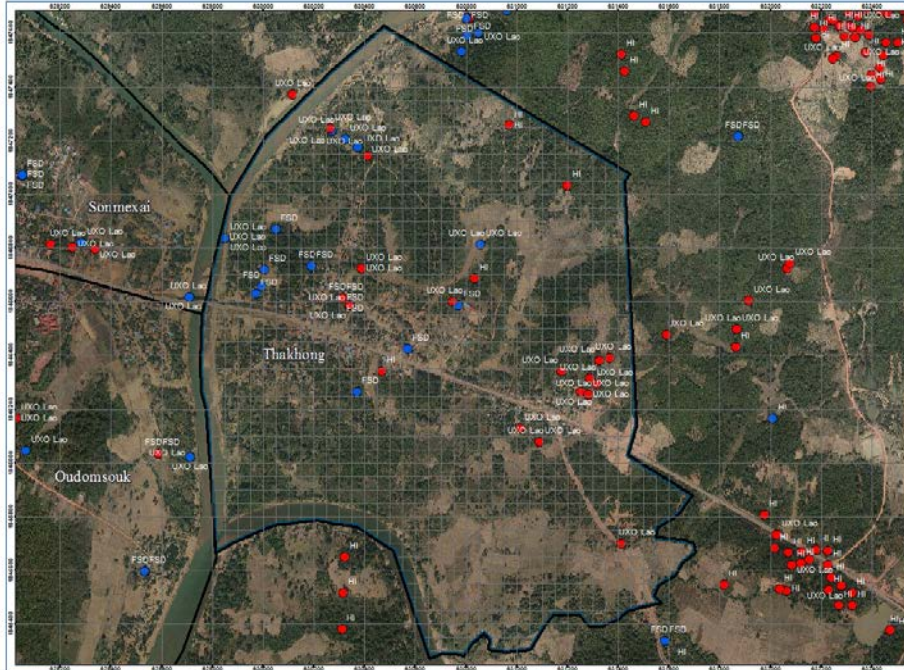
HALO Survey



Non Technical Survey (NTS)



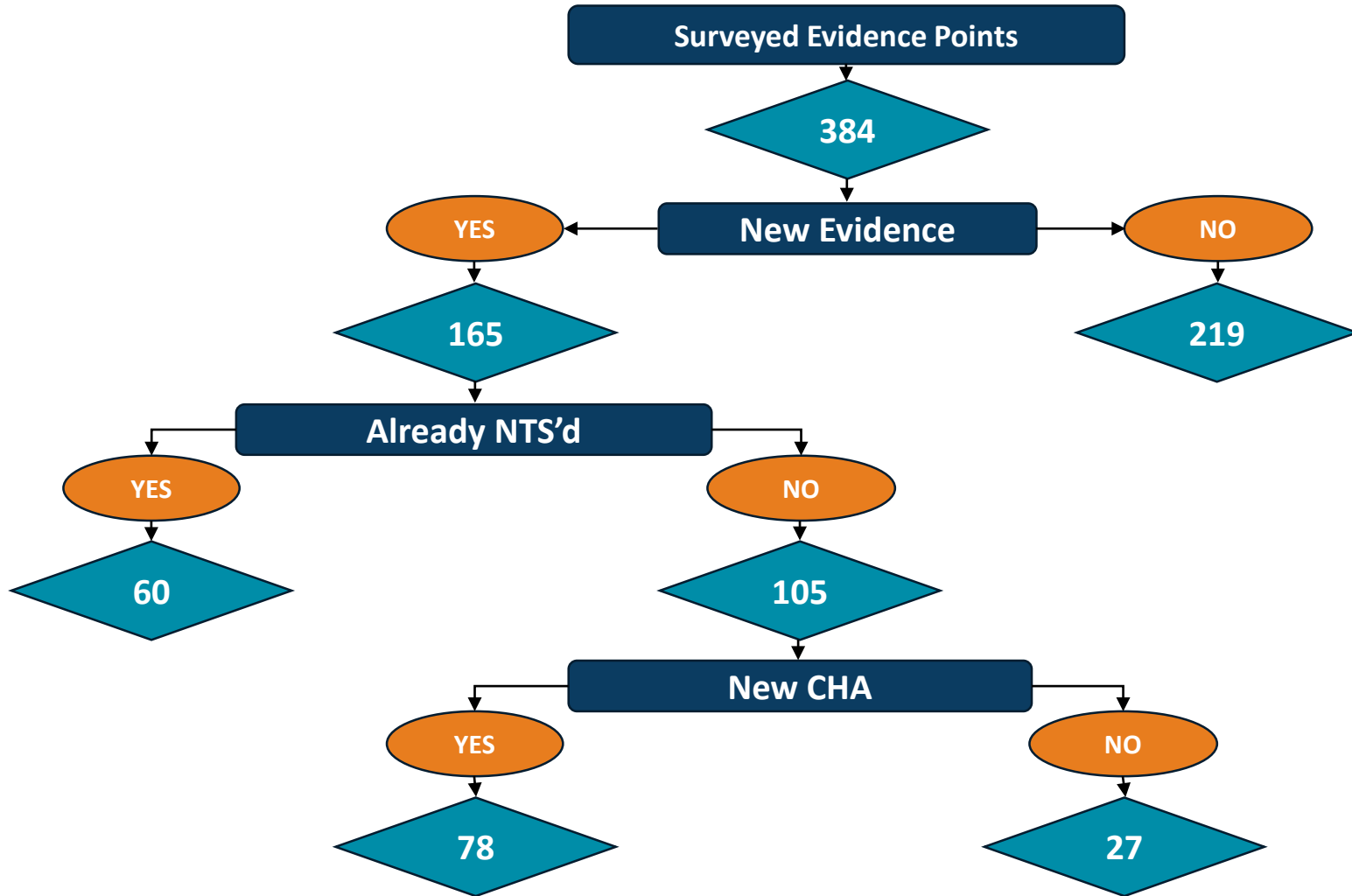
Historical Evidence Points



- HALO Survey Teams have been conducting Technical Survey around Historical Evidence Points since 2014
- Step 1: HALO creates evidence points by plotting historical tasks on ArcGIS
- Step 2: GIS then creates an 'orange box' EP for the teams
- Step 3: The Survey Teams then TS around this box



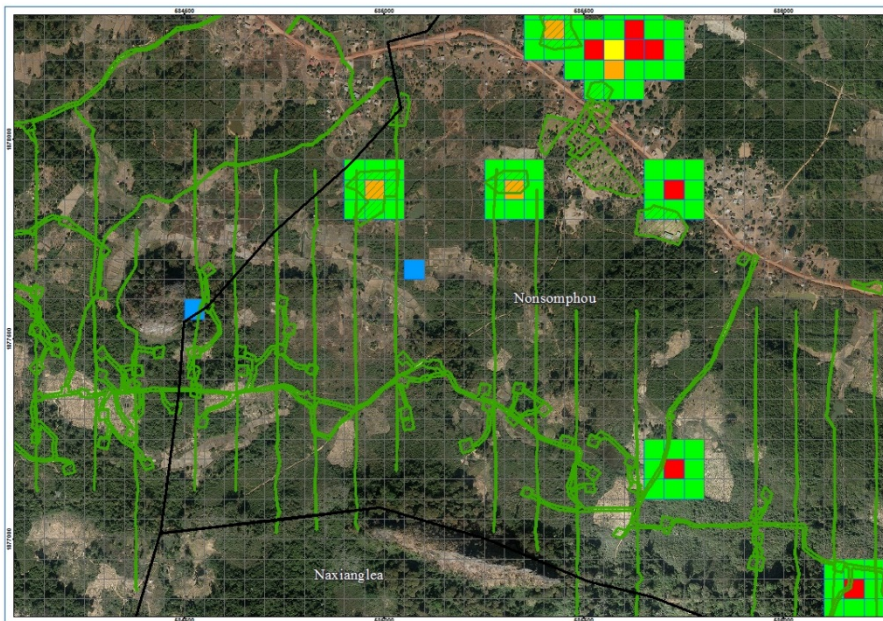
Historical Data Analysis



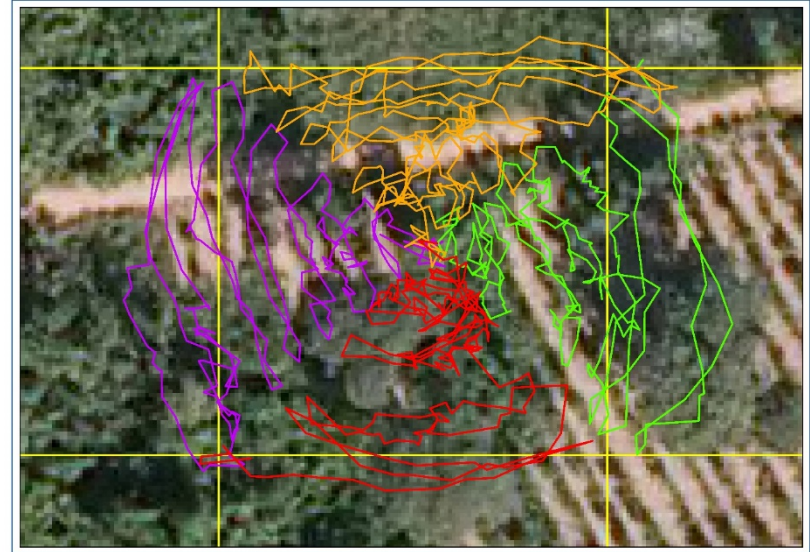
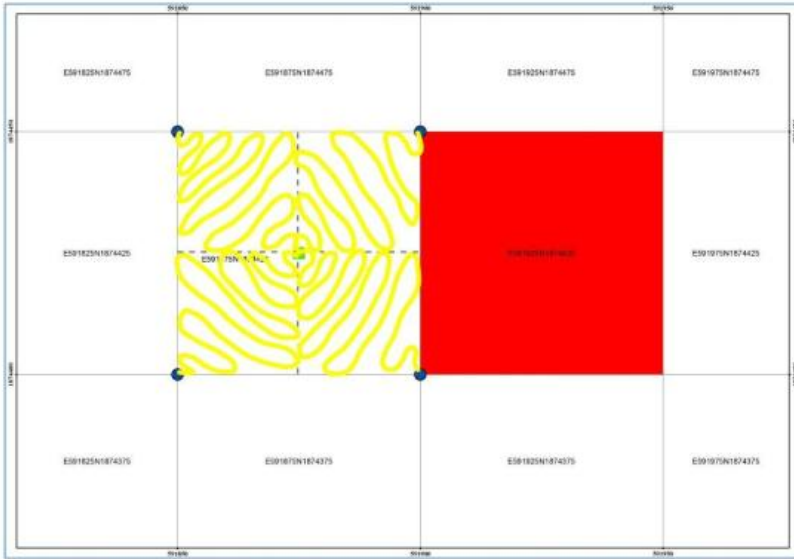
Analysis over 59 Villages



	TOTAL	%	AC	%	RT	%
Total IMSMA HD Investigated	498		66		432	
Resulted in finding new EPs	208	42%	44	67%	164	38%
No new EPs found	290	58%	22	33%	268	62%



Technical Survey (TS)



fulcrum
mobile location leverage



Lessons learnt



- Strengthening the desk assessment
- 40% of HD leading to new evidence
- Both historical AC & RT should be considered
- Advantages of multi-disciplinary teams
- Benefit of staying in the village during the TS process
 - Identifies further evidence
 - Builds trust with the communities
- Ensuring good communication and building confidence through a variety of complementary activities
- Co-ordination at every level
- The requirement for standardisation of certain procedures
- The requirement for a residual survey capacity



What have we achieved to date?



	To Date
Total UXO Destroyed	31,011
Air Dropped Bombs Destroyed	106
Cluster Munitions Destroyed	21,730
Area Cleared	4,103,971 m2
Technical Survey Boxes	37,634
Beneficiaries	91,038

