

Contribution of TB REACH to intensified case finding

Suvanand Sahu

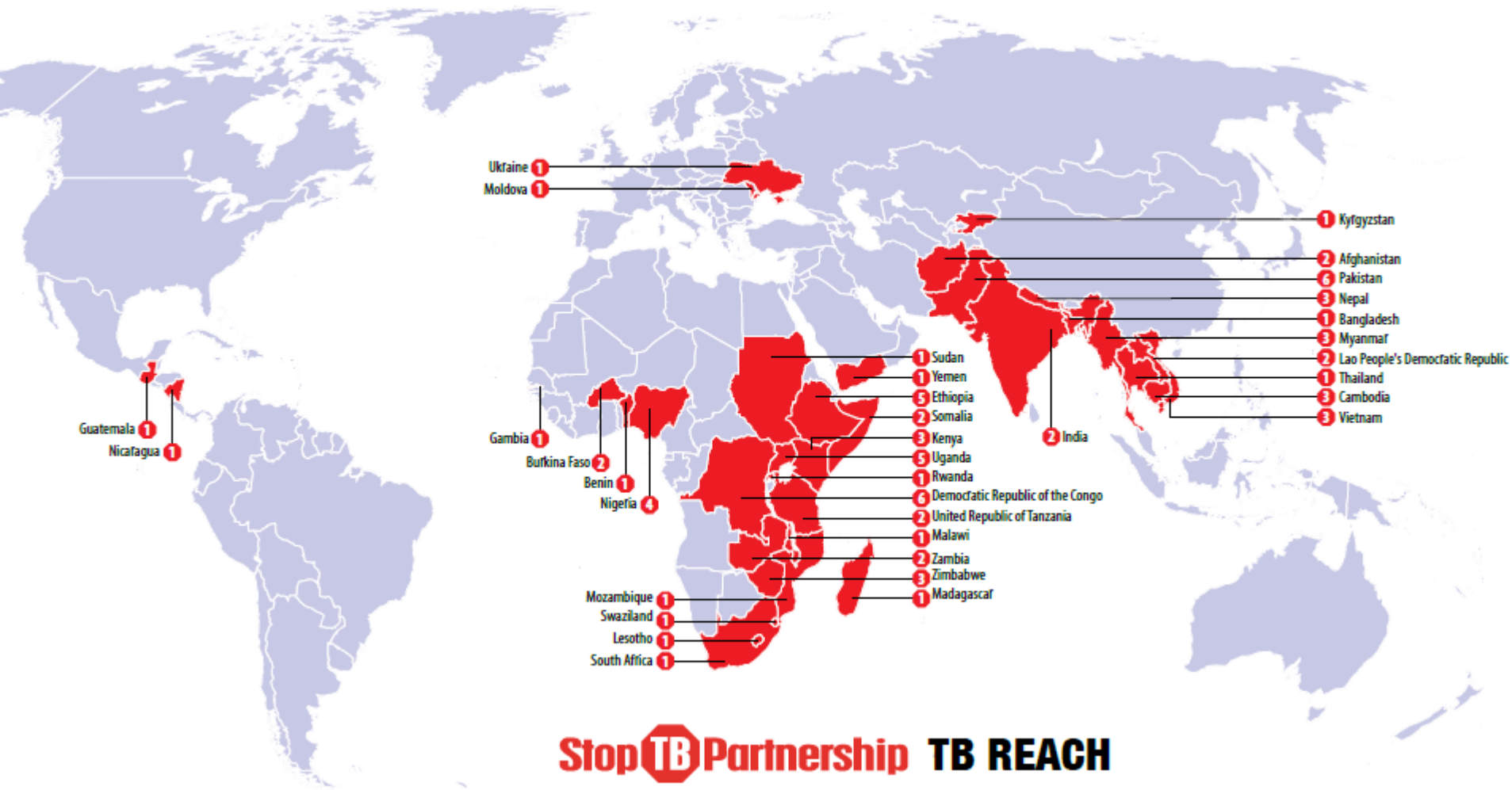
DOTS Expansion Working Group Meeting, Lille, 25 October 2011

About TB REACH

- Stop TB Partnership initiative to promote **early and increased** TB case detection using **innovative** approaches
 - In poor, underserved & vulnerable populations
 - Supported by a multi-year CIDA Grant
- **Fast track short term** funding
 - Up to 1 million USD per project for one year – possibility for second year extension
- Competitive selection of projects for funding
- Open to all possible applicants
 - Govt. as well as non-govt. and civil society organizations

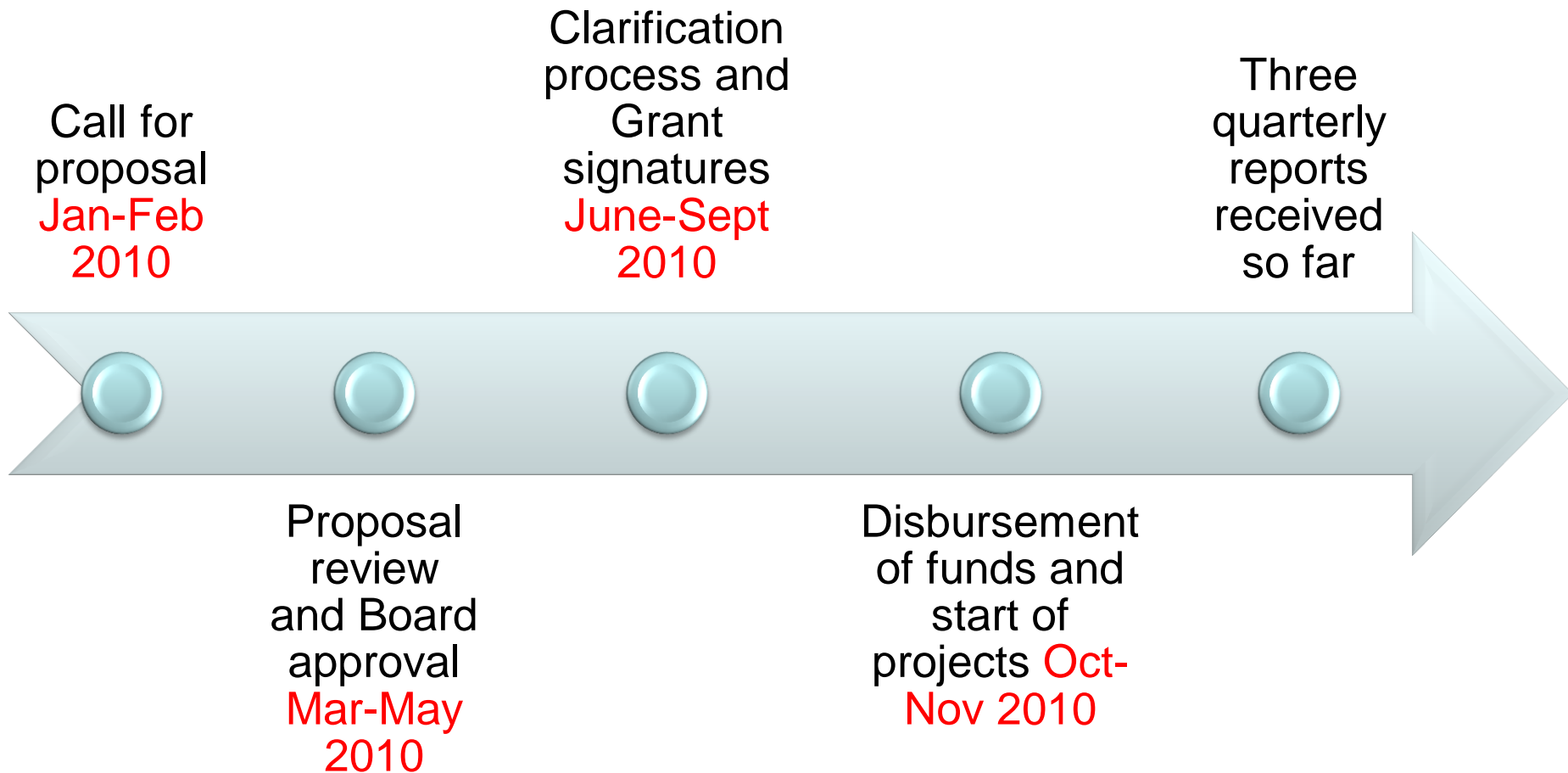
TB REACH Waves 1 and 2

Total 75 projects in 36 countries; total \$49.8 million committed



Progress of wave 1 projects

30 projects selected from 192 applications



Targeting and screening



Contacts



Migrants



Urban slum dwellers



PLHA



Prisoners

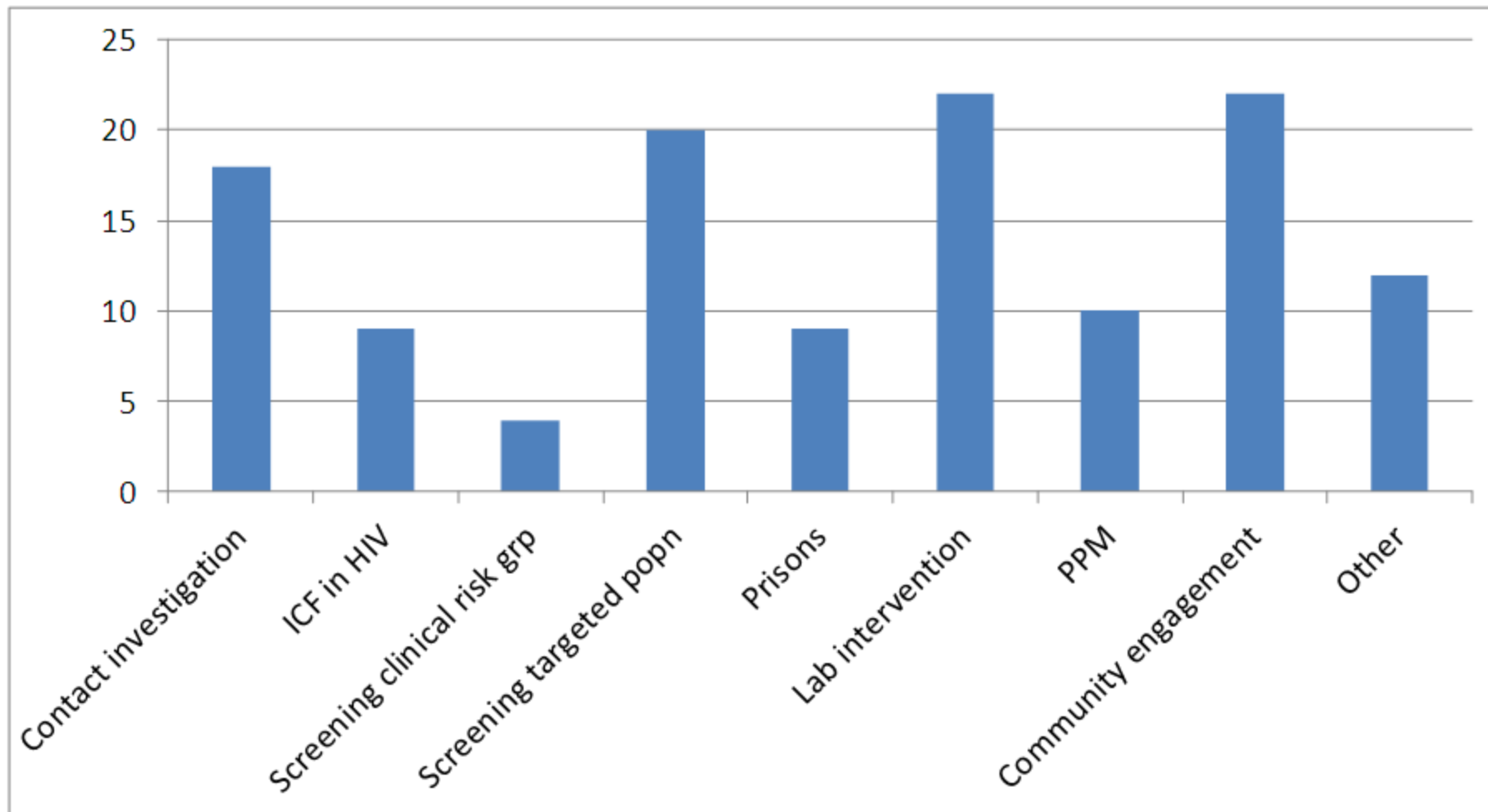


Indigenous population



Remote population

TB REACH Wave-1: number of projects with different types of interventions



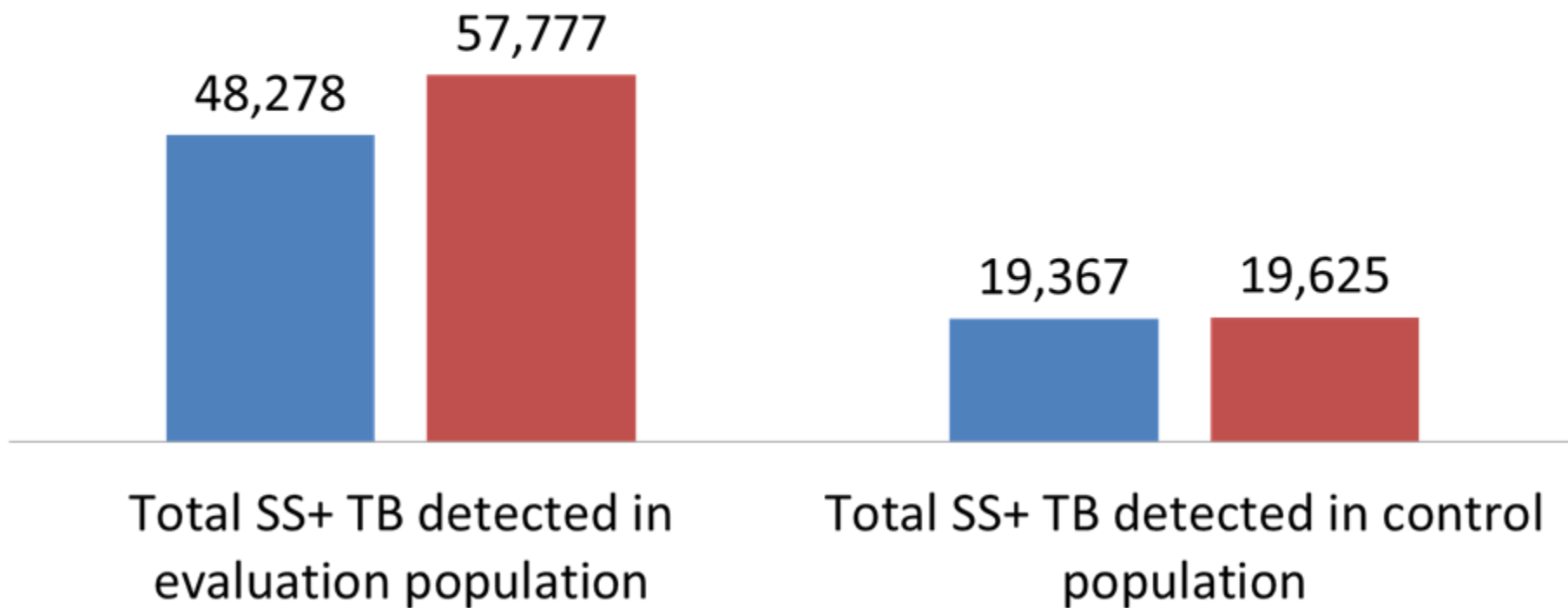
TB REACH Wave-1: Preliminary results

(3 quarters of implementation – Oct 2010 to June 2011)

20% increase in SS+ TB detected

■ Baseline (Q4 2009 to Q2 2010)

■ TB REACH implementation (Q4 2010 to Q2 2011)

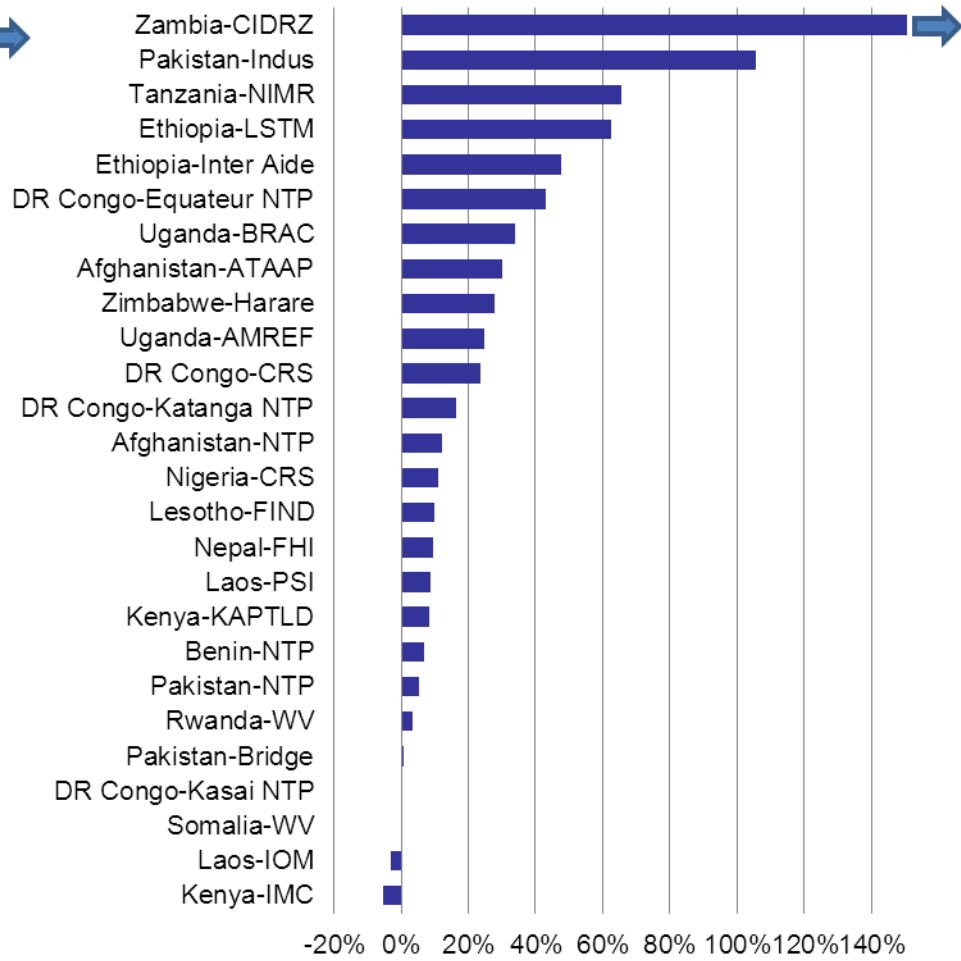
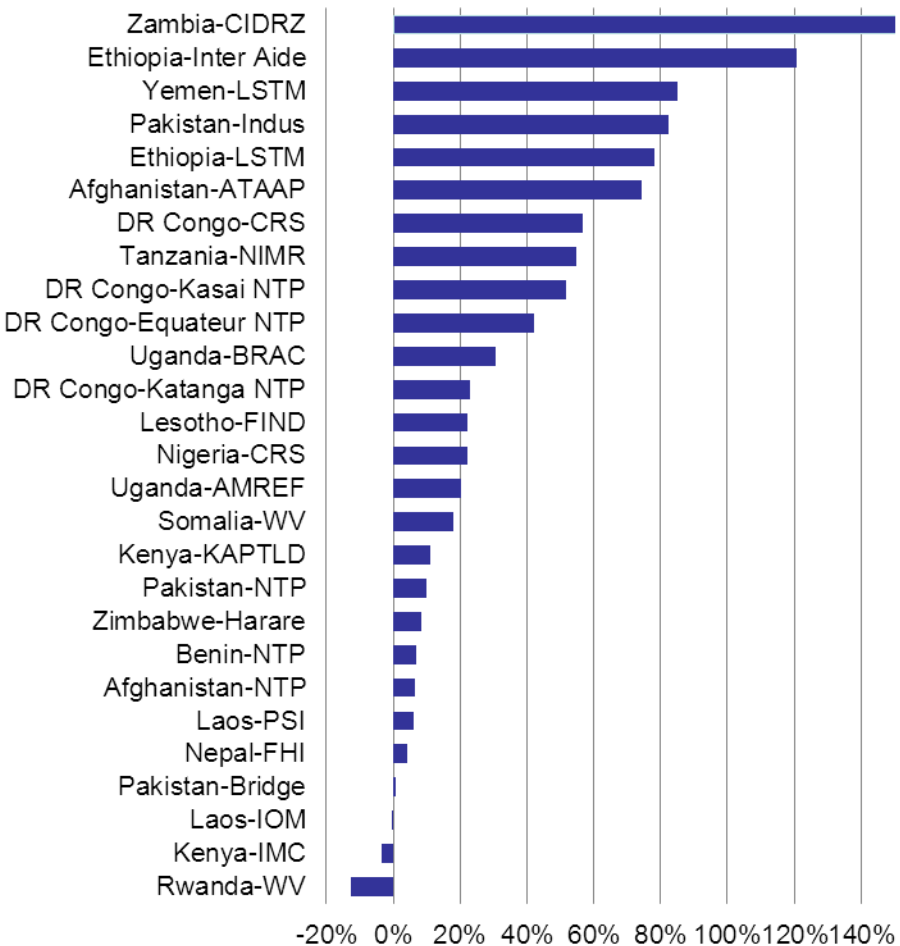


TB REACH Wave1: preliminary results

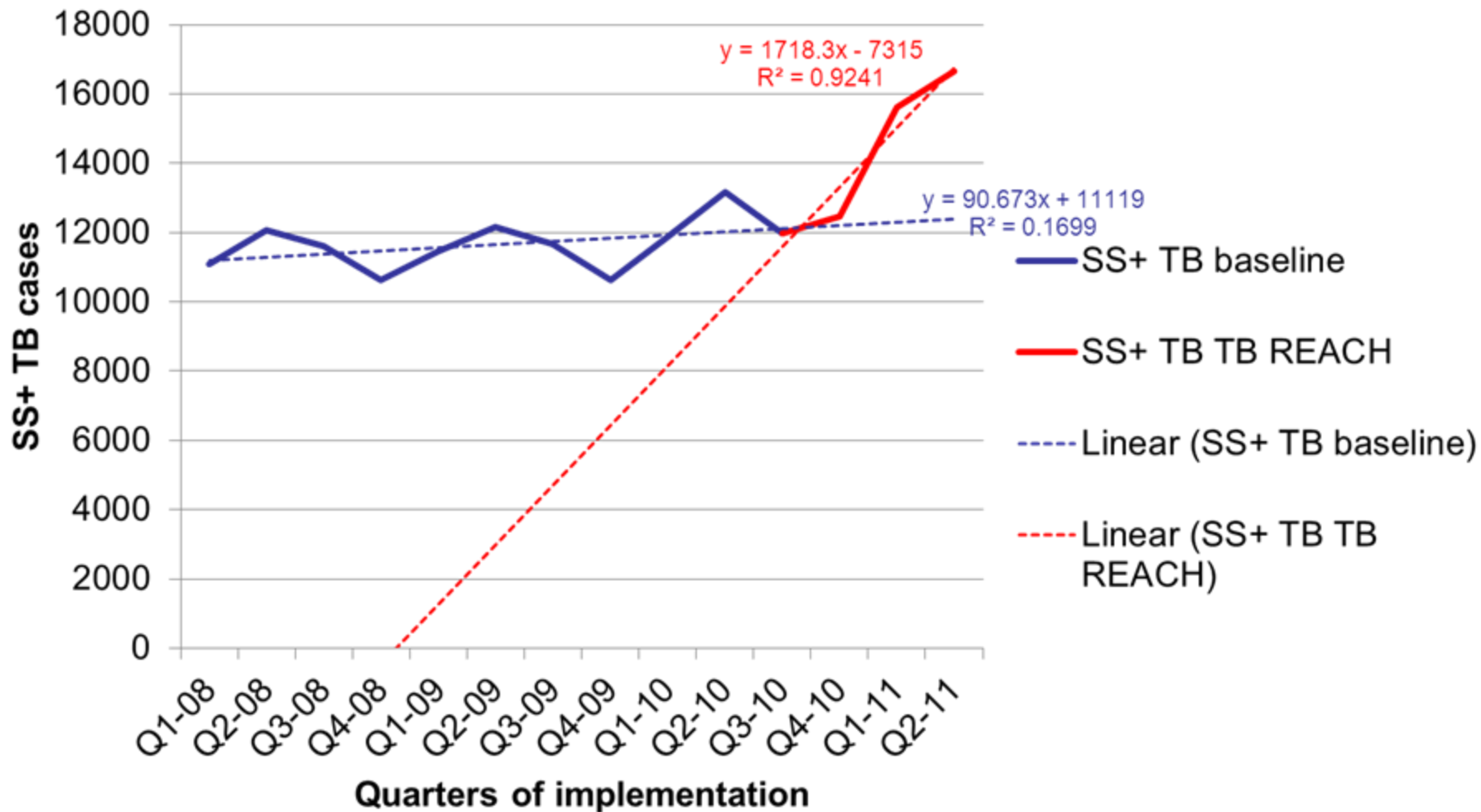
(3 quarters of implementation)

% increase in case detection by TB REACH Wave 1 project (SS+ TB)

% increase in case detection by TB REACH Wave 1 project (all forms of TB)

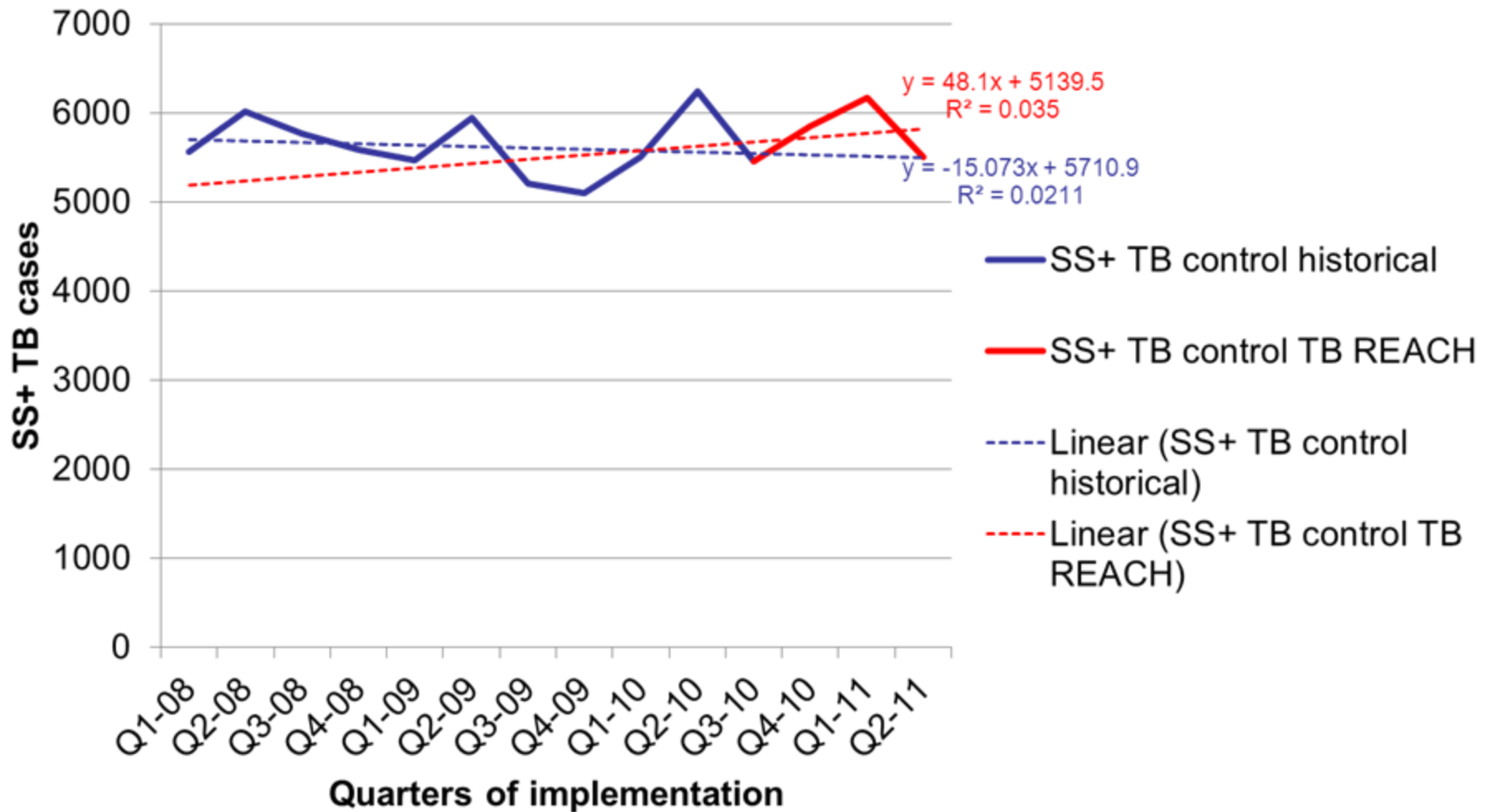


TB REACH Wave-1 projects preliminary trends: evaluation population

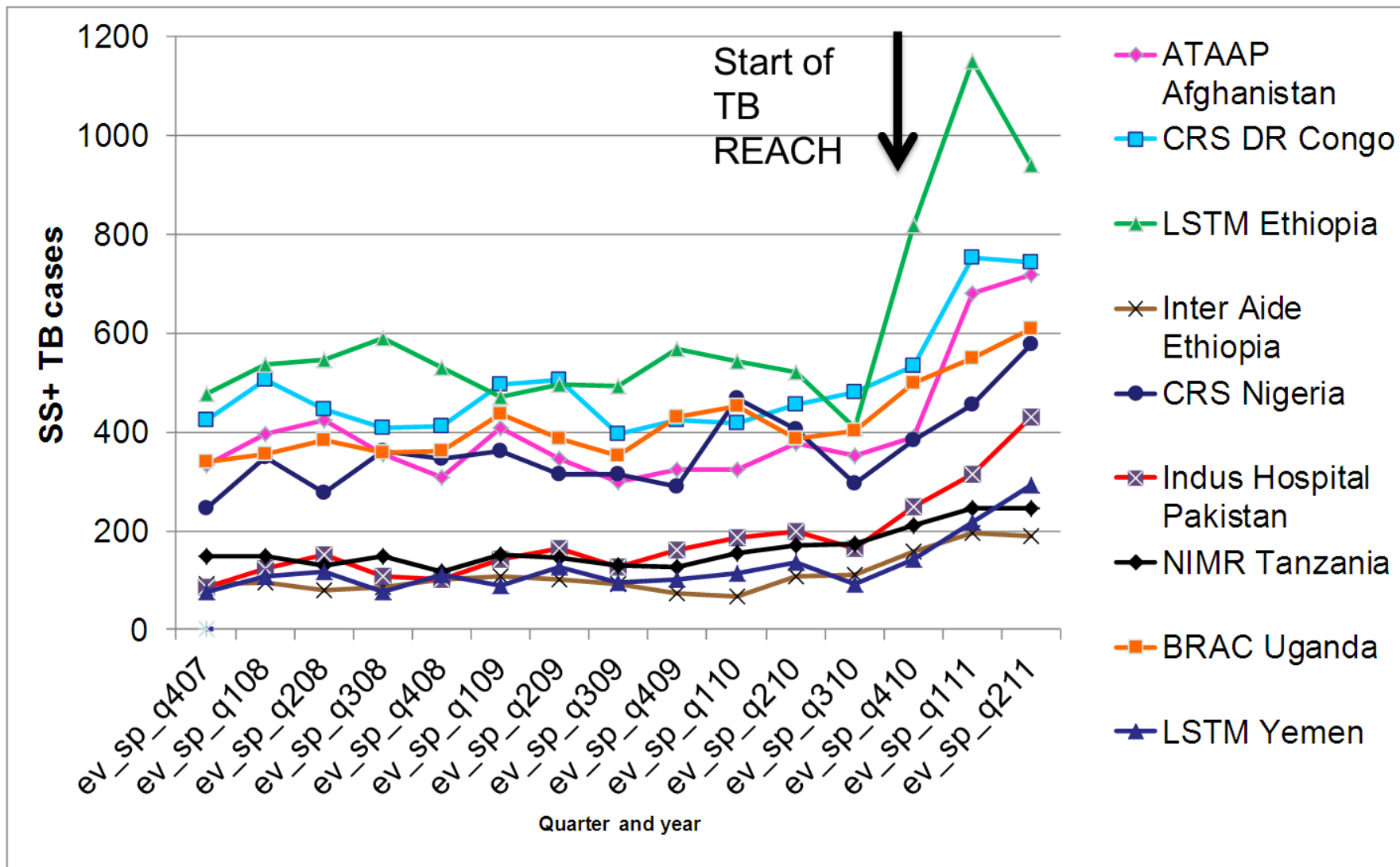


TB REACH Wave-1 projects

preliminary trends: control population



TB REACH Wave-1 preliminary trends: selected projects with good results



Dissemination of Results

- Many good results to report from Wave 1
 - Individual stories for Wave 1 projects have been developed
 - BBC photo story
 - TB REACH video has been developed

TB REACH FIND

Finding and treating people with TB in

Lesotho

- Horse riders and text messages help reach patients in remote highland villages
- Project provides access to health care in more than 120 communities
- Text message system allows patients to be put on treatment immediately after diagnosis



News: - Lesotho, often referred to as the "Kingdom in the sky", is a predominantly mountainous country, with more than 80% of the country rising above 1,000 metres. Three-quarters of the population live in rural areas and, off the main roads, walking or horse-riding are the only transport options. The country has the second highest incidence of TB and the second highest HIV co-infection rate of adult TB cases in the world.

Since 2010, FIND has been working with the Ministry of Health and Social Welfare to improve TB case detection in hard-to-reach communities using a novel combination of mobile phone technology and traditional horse-riders.

FIND has hired horse riders in three districts to collect sputum samples from more than 100 remote communities. The horse riders visit the villages two to three times a week and deliver the samples back to the health centre, from where they are picked up by a motorcycle rider. The horse riders work in tandem with a team of village health workers who screen

patients for TB at health centres and in communities and use a novel text message system to track patients' results. Once patients' sputum samples have been analysed at the laboratory the results are sent to the health workers by text message, using an open source software system. Patients with positive results can be put on treatment immediately and the health workers provide ongoing support with treatment.

So far, 4,154 TB suspects have been registered using the text message system. Of these, 307 tested positive for TB. Monthly facility reports, available via a web interface are automatically generated to track TB suspects, smear results, MDR-TB suspects and follow up smear results. In addition, the text message system has brought other benefits in terms of availability of real-time data to help with programme management and outreach/door-to-door activities in the remote areas to be tracked remotely and any issues rapidly identified and corrective measures implemented more efficiently.



Dissemination of Results

- TB REACH is currently perhaps the largest single source of funding for Xpert MTB/RIF
 - Good opportunities for lessons learned and documenting results



TB REACH - Wave 2

Increased demand (318 applications and 45 projects selected)

Increased demand for GeneXpert (30 of the 45 projects)

Call for
proposals
Dec-2010 to
Feb-2011

Clarification
process
June-Aug
2011

Proposal
review and
Board
approval
Mar-May
2011

Grant
signatures
and project
start Sep-
Nov 2011



Contribution to ICF

- Focus on poor, vulnerable and underserved
- Innovative approaches in screening and TB case finding
- Case detection models designed according to local context
- Rapid implementation and quick results



Thank you

Acknowledgements

- **CIDA** for funding the TB REACH initiative
- **TB REACH Grantees** for their innovative ideas and dedicated work
- **HLSP/KIT** for M&E for TB REACH
- TB patients and affected community in TB REACH project areas
- Members of the TB REACH PSG and PRC for their invaluable guidance and inputs