



# **Challenge TB - Vietnam**

**Year 1  
Monitoring Report  
October 2014 - March 2015**

**Submission date: April 30, 2015**

# Challenge TB Year 1 Quarterly Report

Country: Vietnam  
Lead partner: KNCV

Reporting period: October 2014 - March 2015  
Other partners: WHO

## Most Significant Achievements:

Vietnam is the second country among Challenge TB countries with an approved workplan on 11 February 2015.

### Sub-Obj 2. Comprehensive, high quality diagnostics

- 1.5 day workshop to develop the assessment tools on chain analysis, monitoring and evaluation of diagnostic algorithms and guidelines for Quarterly Interim Cohort Analysis (QICA) was organized successfully on March 19-20 with technical support and facilitation by Dr. Agnes Gebhard. The assessment tools and QICA guidelines will be further updated and piloted in 3 selected PMDT provinces.
- With successful introduction and roll-out of Xpert MTB\RIF under TB CARE I, Challenge TB continues providing technical support to NTP to roll out Xpert MTB\RIF in 41 PMDT provinces in forecast and distribution of Xpert MTB\RIF cartridges for NTP.
- Based on TB CARE I work, Challenge TB\KNCV continued to provide technical support in improving bio-safety conditions for the labs including sputum induction booths and TB-IC conditions in the MDR-TB treatment departments for 4 PMDT provinces supported by GF including Vinh long, Dong thap, Dac lac and Bac giang in January 2015.

### Sub-Obj 3. Patient-centered care and treatment

- Dr. Agnes Gebhard carried out the technical assistance mission from 16-21 March 2015 supporting NTP to improve MDR-TB patient management and PMDT data quality and supportive systems. The draft assessment tools on chain analysis, monitoring and evaluation of diagnostic algorithms and guidelines for QICA have been developed for further updating and finalizing.

## Technical and Administrative Challenges:

Although the Vietnam workplan was approved in early February, implementation only started in March because of a long Tet holiday (Lunar New Year) in February. Challenge TB activities are focused on provision of technical assistance to different components or projects in NTP, particularly the different components of the NTP\Global Fund project. The Global Fund budgeted for NTP in 2015 was not approved yet. The legal agreement between WHO and KNCV at HQ level has not been reached regarding Challenge TB. In this quarter some Challenge TB activities were delayed in implementation due to the late start.

## Challenge TB Quarterly Report - Success Story

Country: Vietnam	Reporting period: October 2014 - March 2015
Lead partner: KNCV	Other partners: WHO

### Planned Success Story Idea for Year 1

Implementation and roll-out of the new strategy in management of TB in children in Vietnam.

### The success story falls under which sub-objective?

Sub-objective 3. Patient-centered care and treatment

### The success story falls under which intervention area?

Intervention area 3.1 Ensured intensified case finding for all risk groups by all care providers

### Status update of the success story

## Challenge TB Quarterly Report - Status of activities

Country: Vietnam Reporting period: October 2014 - March 2015  
 Lead partner: KNCV Other partners: WHO

### Sub-objective: 1. Enabling environment

Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status Oct 2014 - Mar 2015	met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015			
1.4 Provider side: Patient centered approach integrated into routine TB services for all care providers for a supportive environment	Assessment of social support needs for TB, DR-TB and TB/HIV patients	1.4.1		TOR developed and finalized	Start consultancy work	Assessment Report	TOR and proposal is being developed	Partially	Please see the section "Technical and Administrative Challenges" under the Overview Chapter
	Policy discussion with MOLISA	1.4.2			Dissemination workshop and policy discussion				

### Sub-objective: 2. Comprehensive, high quality diagnostics

Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status Oct 2014 - Mar 2015	met? (Met, partially, not met)	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015			

2.1 Access to quality TB diagnosis ensured	Introduce a routine assessment of diagnostic effort: TA to chain analysis, monitoring and evaluation of diagnostic algorithms leading to the early diagnosis of TB, TB\HIV and MDR TB	2.1.1		Assessment tools developed	3 TOT training in 3 regions and pilot in 3 provinces	Assessment tools incorporated in NTP M&E guidelines	<p>A 1.5 day workshop was held to develop the assessment tools on chain analysis, monitoring and evaluation of diagnostic algorithms and guidelines for QICA was organized on March 19-20 with technical support and facilitation by Dr. Agnes Gebhard.</p> <p>The first half day workshop with participations of 15 (08 male, 07 female) NTP staff (central and PHTH) and partners (KNCV, WHO, The UNION TA) focused on discussion and finalization of the assessment tools and guidelines for QICA. The next day was used for the field test of the assessment tools and QICA in Hanoi with participation of 57 (23 male, 34 female) NTP staff from provincial and district levels).</p> <p>The chain analysis and QICA tools were tested using available registers, and still need some adjustments. Dr. Agnes will adjust the tools and share with NTP and CTB after the TA mission. These tools will be used as a training material for 3 TOT trainings in 3 pilot province in next quarter.</p>	Partially	Please see the section "Technical and Administrative Challenges" under the Overview Chapter
2.3 Access to quality culture/DST ensured	TA on implementation, monitoring and evaluation of advanced diagnostic algorithms (Xpert - SL Hain - conventional DST):	2.3.1		Advanced diagnostic algorithms developed	Pilot started in 3 selected provinces	Evaluation of pilot and possible adjustment - advanced diagnostic algorithms incorporated in NTP guidelines	The consultant (Dr. Agnes Gebhard) suggested to postpone this activity to her 2nd TA mission. However, during the first TA Mission (16-20 March) the consultant explored further on the current diagnostic algorithms.	Partially	
2.4 Access, operation and utilization of rapid diagnostics (i.e. Xpert) ensured for priority populations	TA to roll out of GeneXpert in the country - Contribution by experts to NTP trainings on GXP implementation in TB & HIV settings; Provide TA on Xpert MTB\RIF cartridge supply: forecast, procurement, distribution and reporting	2.4.1		Local experts contribute to training in expansion provinces	Local experts contribute to training in expansion provinces	Local experts contribute to training in expansion provinces	With successful introduction and roll-out of Xpert MTB\RIF under TB CARE I, Challenge TB continue provide technical support to NTP to roll out Xpert MTB\RIF in 41 PMDT provinces in forecast and distribution of Xpert MTB\RIF cartridges for NTP\UNITAID project. In March 2015, 12,500 Xpert MTB\RIF cartridges have been received and distributed to all GeneXpert sites.	Not Met	TA to GeneXpert training has not been carried out due to NTP\GF budget for 2015 for procurement of GeneXpert hasn't been approved yet in this quarter



2.7 Bio-safety measures in laboratories ensured	Local TA to lab biosafety improvement in support of recent legislation based on TB CARE I work and TB-IC improvement in PMDT provinces.	2.7.1	3 PMDT provinces: Lab and MDR-TB treatment renovation plans (designs and estimated budget) are ready for NTP/local authorities to provide financial support	6 PMDT provinces (Cumulative): Lab and MDR-TB treatment renovation plans (designs and estimated budget) are ready for NTP/local authorities to provide financial support	9 PMDT provinces (Cumulative): Lab and MDR-TB treatment renovation plans (designs and estimated budget) are ready for NTP/local authorities to provide financial support	As per request from NTP for technical assistance, CTB\KNCV continued to provide technical support in improving bio-safety conditions for the labs including sputum induction booths and TB-IC conditions in the MDR-TB treatment departments for 4 PMDT provinces supported by GF including Vinh long, Dong thap, Dac lac (22-24 Jan 2015) and Bac giang (29 Jan 2015). Initial risk assessments have been done in 4 provinces. The proposed plans for renovation are based on the risk assessment results and have been discussed and finalized with 4 provinves. (Please see the details in Photo Album section)	Met	

**Sub-objective: 3. Patient-centered care and treatment**

Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status Oct 2014 - Mar 2015	met? (Met, partially, Not Met)	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015			
3.1 Ensured intensified case finding for all risk groups by all care providers	TA to roll out childhood TB policies and evaluation of updated childhood TB policies (based on TB CARE I work):	3.1.1		5 provinces	5 provinces	5 provinces		Not Met	TA to roll out childhood TB policies has not been carried out due to NTP\GF budget for 2015 hasn't been approved yet in this quarter
	TA (international and local) and supportive supervision to roll out childhood TB policies in other provinces with GF funds; TA to measuring effect of new national childhood TB strategy on notification of childhood and treatment results in children			Evaluation protocol developed and approved by NTP	Evaluation protocol developed and approved by NTP	Data collection, analysis and report writing	To prepare for evaluation of the childhood TB policy that was piloted in 4 provinces (Hanoi, Thai binh, HCMC and Can tho) under TB CARE I, the action plan (evaluation protocol) including SOPs for data collection in 4 these provinces has been developed with participation of the NTP\Childhood group, KNCV and an international consultant (Prof. Steve Graham). The meeting with key staff of 4 provinces to introduce the action plan and SOPs on data collection is shceduled in early next quarter. After the meeting, data collection will be conducted in 4 provinces.	Met	

3.2 Access to quality treatment and care ensured for TB, DR TB and TB/HIV for all risk groups from all care providers	Improvement of MDR-TB treatment quality:	3.2.1		QICA guidelines developed	2 Trainings for NTP M&E staff in NLH and PNTH	QICA applied in all NTP M&E visits in PMDT sites	This quarter, Dr. Agnes Gebhard carried out her TA mission in Vietnam from 16-21 March 2015. The TOR for her mission aims to support NTP\PMDDT to improve MDR-TB patient management and PMDDT data quality and supportive systems: i) Introduction of quarterly interim cohort analysis and support to development of SOP's and training materials, ii) Introduce Clinical audit meetings of treatment centers with their satellites and development of SOP's and iii) Update R&R for PMDDT During Dr. Agnes' TA mission, in combination with activity #2.1.1, a 1.5 day workshop to develop the assessment tools on chain analysis, monitoring and evaluation of diagnostic algorithms and guidelines for QICA was organized on March 19-20 (please see the detailed report in #2.1.1).	Partially	
	TA to introduction of new drugs, M&E, OR and pharmacovigilance	3.2.2		1 TA mission visit conducted			NTP suggested to re-schedule this activity in next quarter in order to wait for GF budget for 2015 approved. Preparation is underway for this TA mission by Dr. Edine Tiermersma	Not Met	
	Training for palliative care/end of life care at provincial level.	3.2.3		Training started			Proposal is being developed	Not Met	Please see the section "Technical and Administrative Challenges" under the Overview Chapter
	Monitoring and assessment of palliative care/end of life care (focus on MDR-TB/TB/HIV patients)	3.2.4				Monitoring			



Sub-objective: 7. Political commitment and leadership										
Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status		met? (Met, partially,	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	Oct 2014 - Mar 2015			
7.2 In-country political commitment strengthened	Develop financial assessment tool and manual	7.2.1		TA carried out	Training conducted and pilot started	Tool is finalization and ready for expansion	Consultant is identified. TOR is being developed		Partially	
	TA for development of rational funding mechanism for TB control during transitional period (shifting from National target programme to HI and donor exit duration)	7.2.2								
	Situation analysis of current funding mechanism for TB control			Consultancy started			Consultant is identified. TOR is being developed		Partially	
	Making recommendation for policy discussion				Policy discussion					

Sub-objective: 8. Comprehensive partnerships and informed community involvement										
Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status		met? (Met, partially,	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	Oct 2014 - Mar 2015			
8.1 National partnership and coordinating bodies functioning with appropriate representation and capacity	Annual project review and planning meeting	8.1.1				Annual CTB review meeting				
	Annual meetings at KNCV-HQ/Challenge TB	8.1.2								
	Project monitoring and supervision for CTB country staff	8.1.3		Project supervision	Project supervision	Project supervision	In this quarter, CTB country team visited Vinh long, Dong thap, Dac lac on 22-24 Jan, Bac giang on 29 Jan and in Ninh binh and Thai binh on 24-25 Mar.		Met	
	International meeting/workshop (WHO-WPR, Union, etc.)	8.1.4			Meeting	Meeting				
	Project monitoring and supervision for CTB country staff	8.1.5		Project supervision	Project supervision	Project supervision	Please see 8.1.3		Met	

Sub-objective: 10. Quality data, surveillance and M&E										
Intervention areas	Planned Key Activities for the Current Year	Activity number	Planned Milestones				Milestone status		met? (Met, partially,	Remarks (reason for not meeting milestone or other key information)
			Oct-Dec 2014	Jan-Mar 2015	Apr-Jun 2015	Jul-Sep 2015	Oct 2014 - Mar 2015			
10.1 Well functioning case or patient-based electronic recording and reporting system is in place	TA for NTP to have ownership of finalizing eTBM upon NTP's needs, system maintenance and data management.	10.1.1		Consultancy started (TA mission + distant support)	NTP central can revise/editing the system based on their needs		Discussion with NTP is done. TOR is being developed			

	TA to further development of VITIMES	10.1.2		1 TA mission visit	NTP suggested to re-schedule this TA mission visit in September 2015. Preparation is underway for this TA mission by Mr. Job Van Rest - KNCV surveillance consultant		





## Challenge TB Quarterly Report - Global Fund Engagement

Country	Vietnam	Reporting period:	October 2014 - March 2015
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Current Global Fund TB Grants				
Name (i.e. NFM 1)	Average rating*	Current rating	Total approved amount	Total dispersed to date
Global Fund grants to Vietnam	A2	B1	343.0m	253.9m

\*Since January 2010

### In-country Global Fund status - key updates, current conditions, challenges and bottlenecks

Vietnam is among 8 countries in the high impact Asia cluster. The impact is not only on country but global scale. These countries are encouraged to be more ambitious. The GF contribution to Vietnam in 2014-2017 is \$192m (HIV 77m (including \$10m for HSS), TB \$53m (including \$20m incentive funding), Malaria \$15m, HSS \$32m and RAI \$15m). In 2014, \$33m was disbursed out of \$45m planned. Relative to the allocation expenditure was 18% within 25% of time elapsed.

The TB/HIV Concept Note was reviewed very positively by the TRP in October 2014 and by the GAC-1 in November 2014. Grant negotiation is on going with VAAC, VUSTA and NTP. The grant document will be submitted by 17 April and GAc-2 will be on 29 April. The first 6 months TB and HIV transitional budgets are approved covering implementation from January to June 2015.

For the TB grant, negotiation are essentially completed with minor fine tuning of the PSM plan and budget. The budget as it stands now provides for important training in support of an ambitious scale up of PMDT to treat 2,200 MDR-TB patients in 2015, 2,500 in 2016 and 2,900 in 2017 as per the Concept Note targets thus reaching a 100% of national targets and 60% of the needs. Unfunded quality demand is registered on the GF website for about \$29m for TB (down from \$49m as \$20m was provided for incentive funding) which could be funded by private donations including the TB prevalence survey which was part of the above allocation.

### Challenge TB & Global Fund - Challenge TB involvement in GF support/implementation, any actions taken during this reporting period

## Challenge TB Quarterly Report - MDR-TB Update

Country	Vietnam	Reporting period	October 2014 - March 2015
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### MDR TB cases diagnosed and put on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2009	NA	101	
Total 2010	202	97	
Total 2011	N/A	776	
Total 2012	774	713	
Total 2013	994	943	
Total 2014	1,702	1,532	
Jan-Mar 2015	NA	NA	
Apr-Jun 2015			
Jul-Sep 2015			
Oct-Dec 2015			
Total 2015			

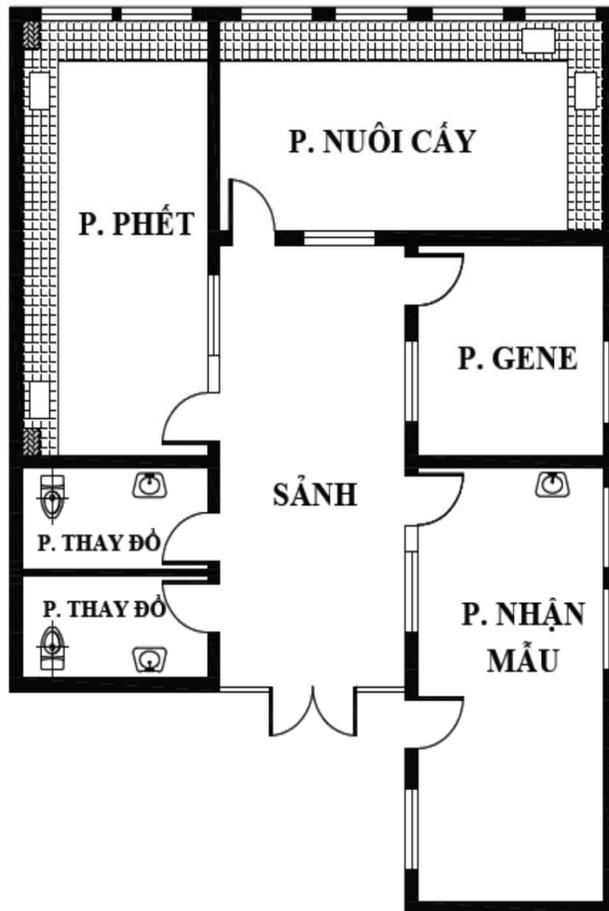
## Challenge TB-supported International Visits (technical and management-related trips)

Country	Vietnam		Reporting period	October 2014 - March 2015								
#	Partner	Activity Code	Name	Purpose	Planned month, year	Status (pending or completed)	Dates completed	Duration of the visit (# of days)	Debrief presentation received	Summary report received	Final report received	Additional Remarks (Optional)
1	KNCV	3.2	Agnes Gebhard, KNCV senior consultant	Provide TA for PMDT policy, development, implementation and roll out with aims to support NTP\PMDT to improve MDR-TB patient management and PMDT data quality and supportive systems	Q2 2015	Completed	21-Mar-15	5	yes	Yes	Yes	The draft TA mission report was circulated to NTP and CTB team for recommendations and finalization. This report will be widely distributed.
2												
3												
4												
5												
6												
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17												
18												
19												
20												
Total number of visits conducted (cumulative for fiscal year)									1			
Total number of visits planned in workplan (11 TA mission visits and 2 managerial visits)									13			
Percent of planned international consultant visits conducted									8%			

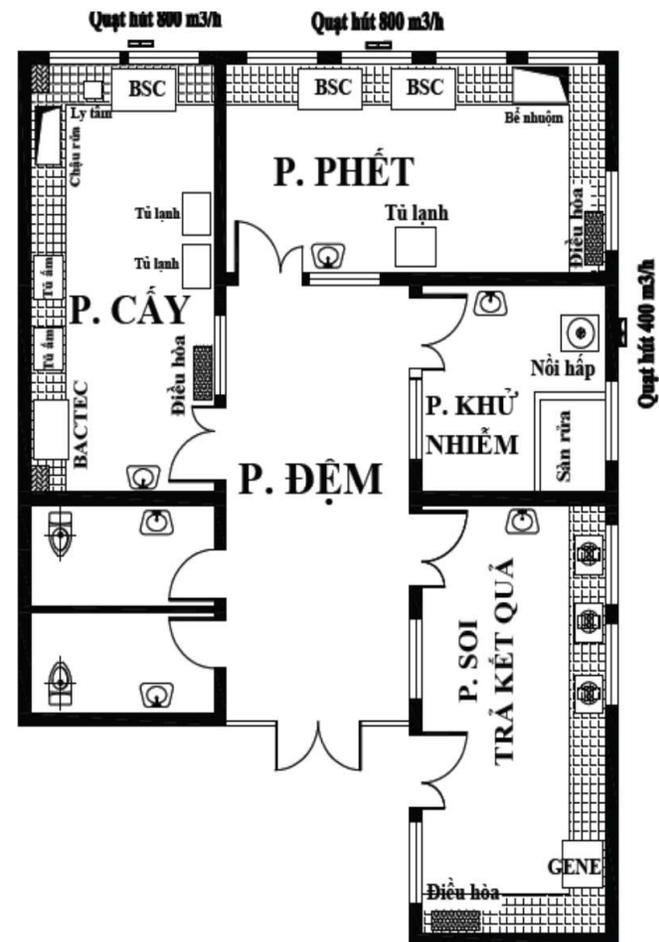
## Quarterly Photos (as well as tables, charts and other relevant materials)

2.7.1 Local TA to lab biosafety improvement in support of recent legislation base on TBCARE I work and TB-IC improvement in PMDT provinces

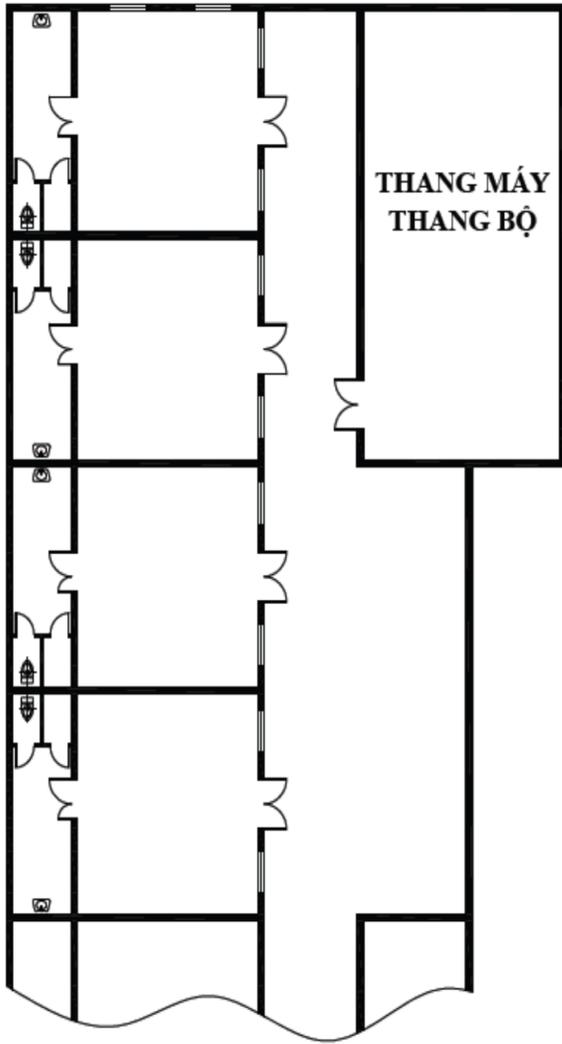
Vinh long province



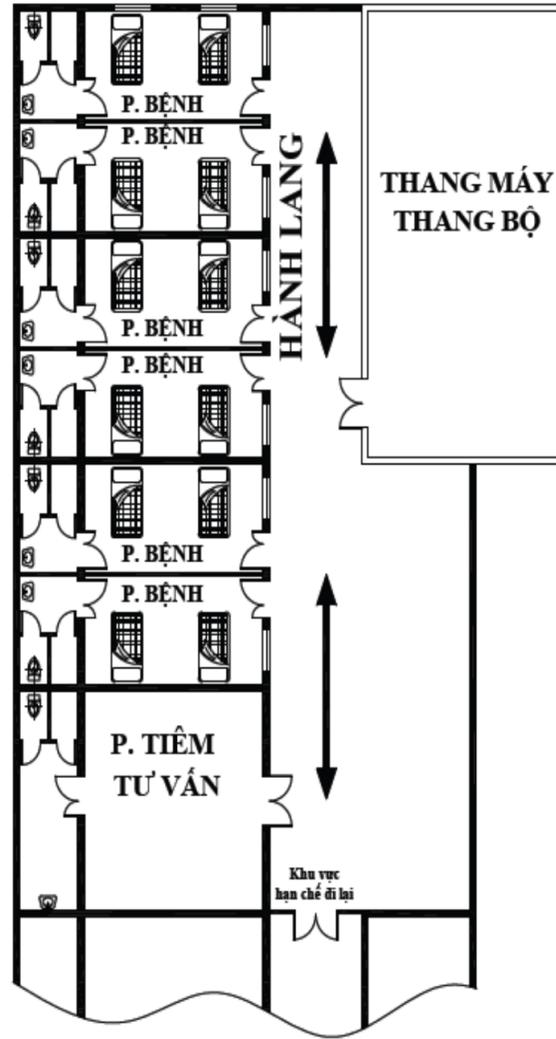
Current layout of the TB laboratory



Proposed layout of the TB laboratory for renovation

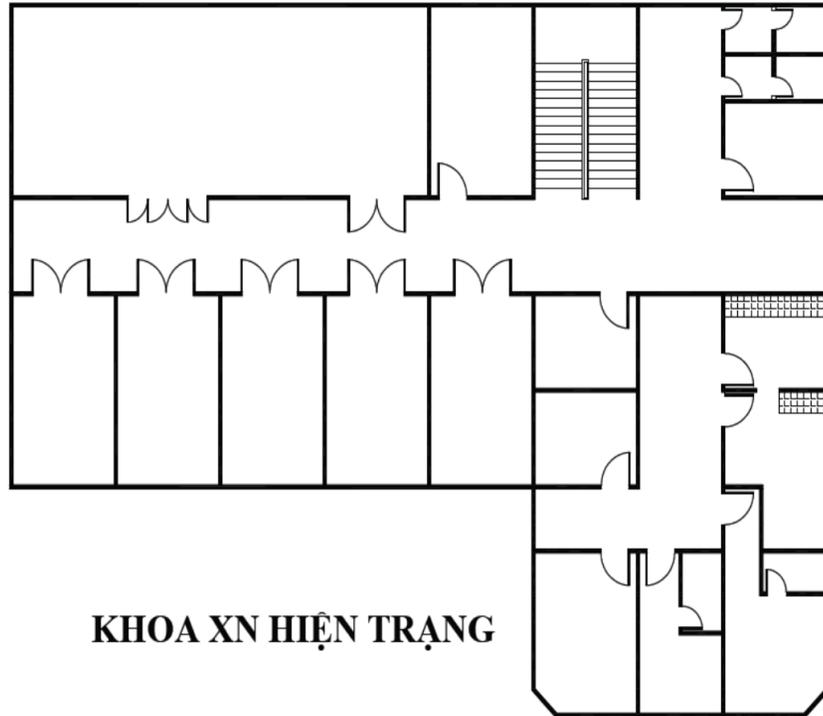


Current layout of the MDR-TB treatment department



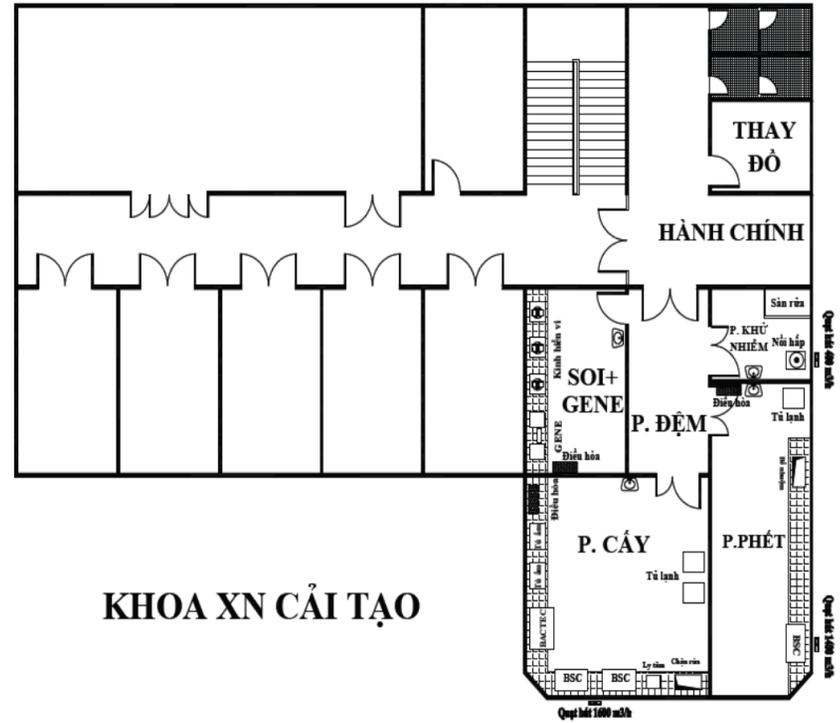
Proposed layout of the he MDR-TB treatment department for renovation

Dac lac province



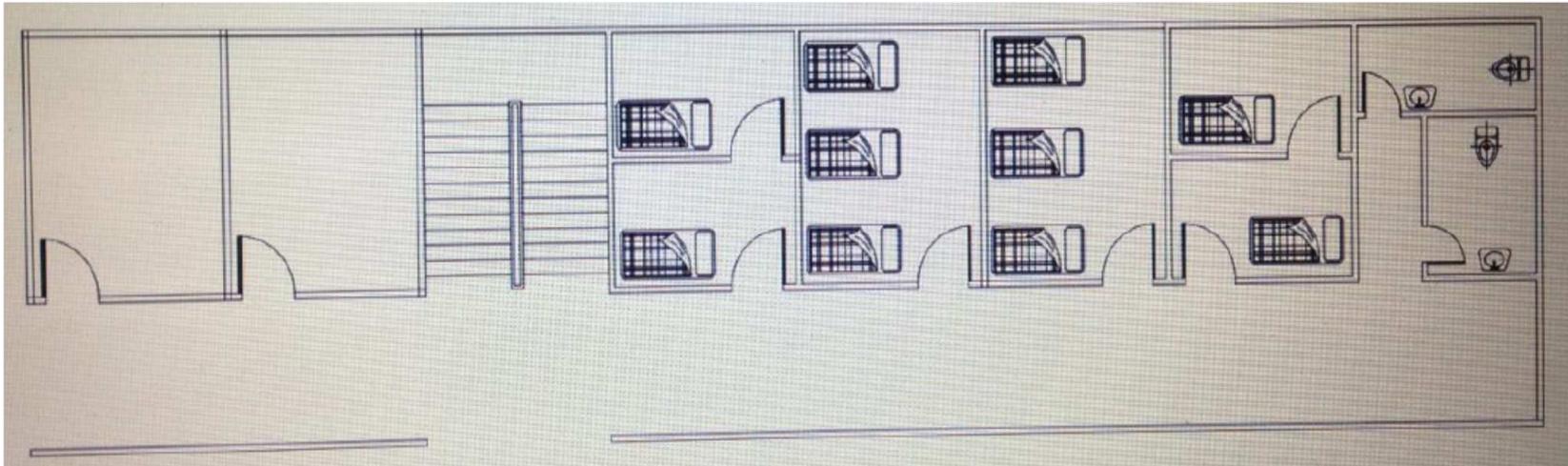
**KHOA XN HIỆN TRẠNG**

Current layout of the TB laboratory

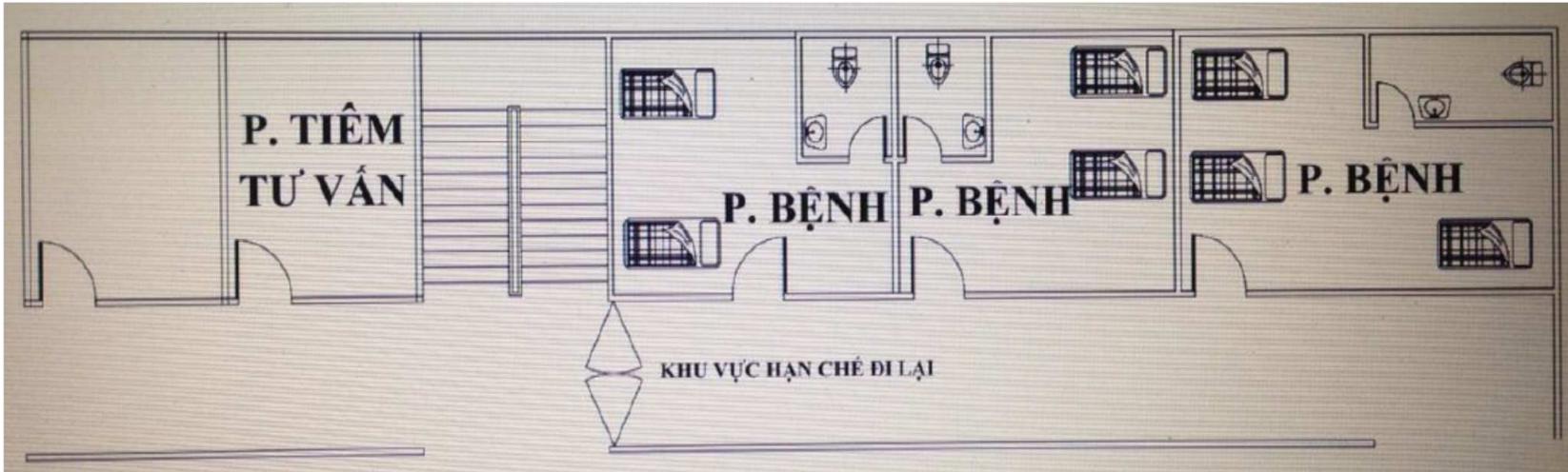


**KHOA XN CẢI TẠO**

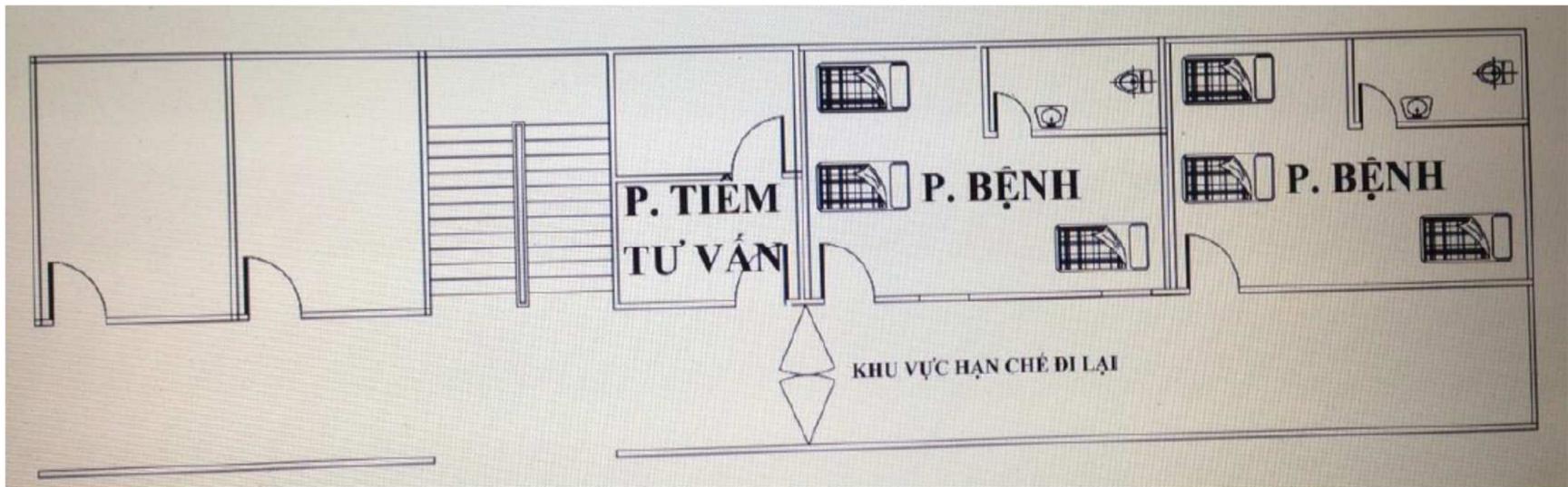
Proposed layout of the TB laboratory for renovation



Current layout of the MDR-TB treatment department



Proposed layout of the MDR-TB treatment department (Option 1)



Proposed layout of the MDR-TB treatment department (Option 2)



Workshop to develop the assessment tools on chain analysis, monitoring and evaluation of diagnostic algorithms and guidelines for QICA was organized on March 19-20, 2015