

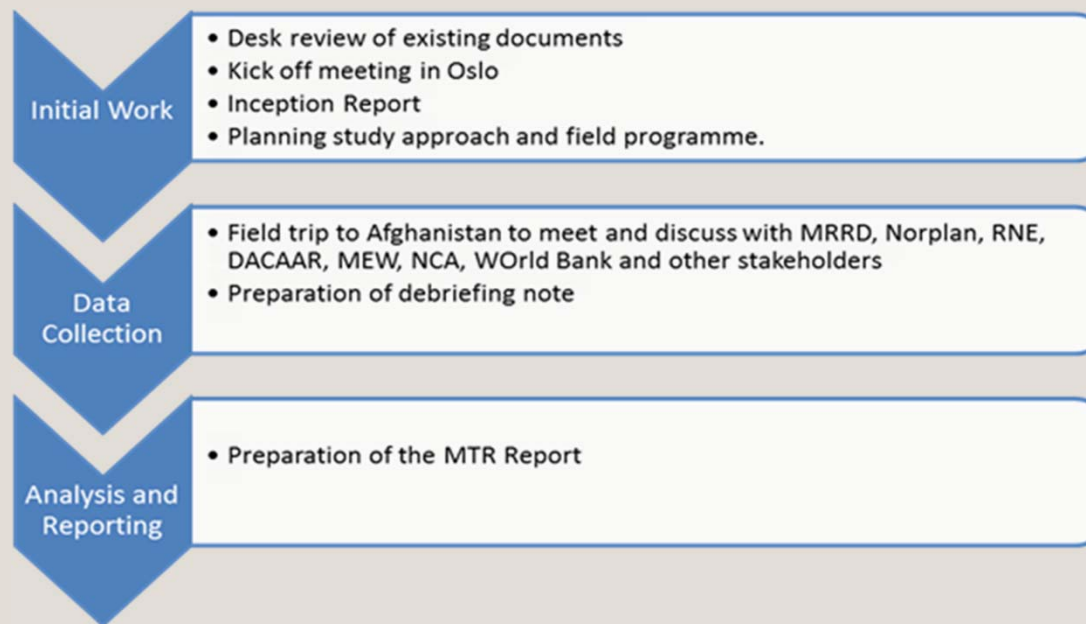
# Annual Meeting Presentation

## Mid Term Review for the Capacity Building and Institutional Cooperation in the field of Hydrogeology for Faryab Province - Afghanistan

Presented by: David Heywood – MTR Team Leader – COWI AS

Other MTR members:      Mr Hamayuon Paikar – Local Consultant  
                                     Mr Muhammad Ajmal Samim – Local Consultant

## MTR Consultant Approach and Methodology



# Mid Term Review - Time Line

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## Key Dates

- › CONTRACT SIGNED – 5<sup>TH</sup> FEBRUARY 2014
- › KICK OFF MEETING IN OSLO – 5<sup>TH</sup> FEBRUARY 2014
- › INCEPTION REPORT SUBMITTED – 7<sup>TH</sup> FEBRUARY 2014
- › INCEPTION REPORT APPROVED BY NORAD – 14<sup>TH</sup> FEBURARY 2014
- › MOBILISATION FOR FIELD WORK – 14<sup>TH</sup> FEBRUARY 2014
- › COMPLETE FIELDWORK – 21<sup>ST</sup> FEBRUARY 2014
- › SUBMIT DRAFT MTR REPORT 5<sup>TH</sup> MARCH 2014

## Fieldwork Data Collection – Meeting Schedule

Day	Morning	Afternoon	Comments
15 <sup>th</sup> February	Arrival from London via Dubai	Meeting NORPLAN	Public Holiday in Afghanistan
16 <sup>th</sup> February	Meet Local Consultant MRRD – Qadar / Safi	Prof Eqrar – Training	COWI briefs local MTR consultant team in morning
17 <sup>th</sup> February	DACAAR – Wali/Hassan etc. Prof Zarinkhild –GIS/MIS	MEW - UNICEF – Adana Bekele	
18 <sup>th</sup> February	Mid Term Review of Training Program Workshop at MRRD (all day program) – More than 50 participants		Side meeting with AUWSSC
19 <sup>th</sup> February	ANSA Workshop to discuss Water Quality Standards	MRRD - Qadar Norwegian Church Aid	
20 <sup>th</sup> February	NORPLAN World Bank – Ladisy Chengula	Norwegian Embassy - Debriefing	
21 <sup>st</sup> February	Continue MTR Report Writing	Depart Kabul for London	

## Faryab Project – Planned and Actual

Original Project Duration 36 months

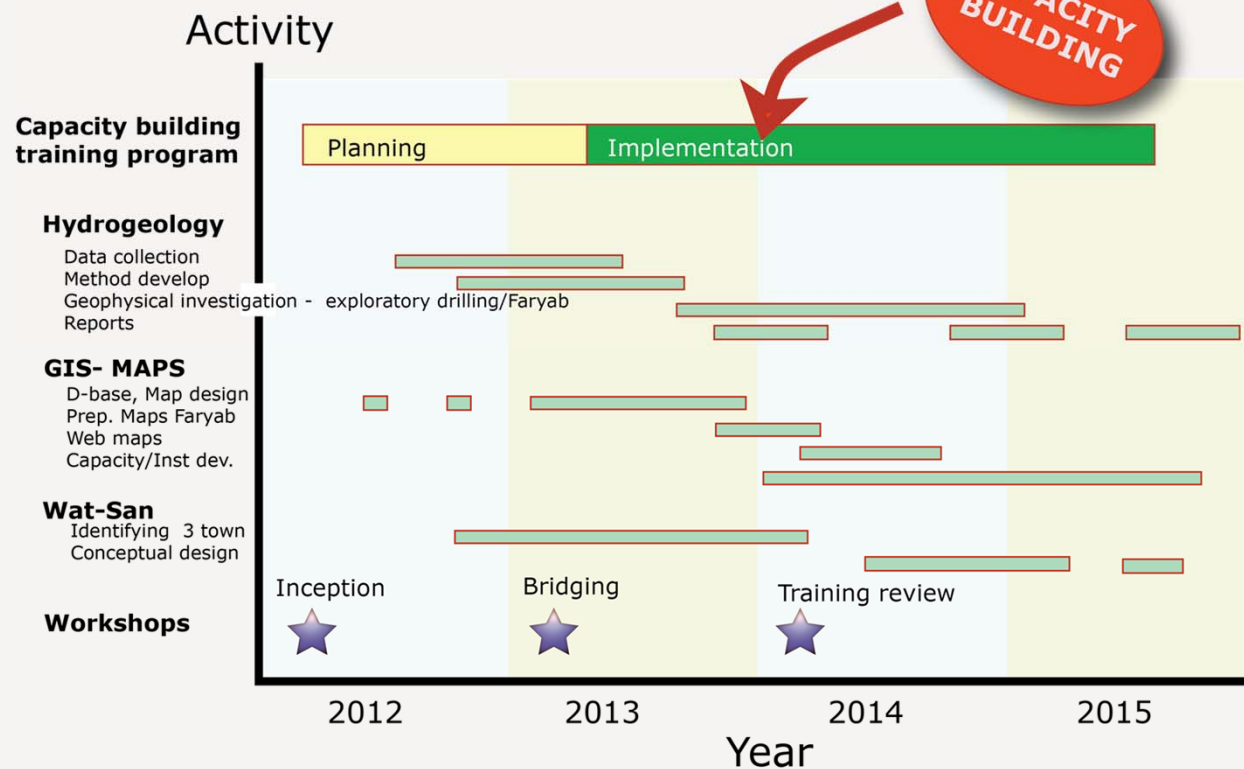
Currently agreed Project Duration 42 months

Project Period	Planned	Actual	Start Date	End Date
Inception Phase	2 months	4 months	20-01-2012	30-04-2012
Planning Phase	6 months	12 months	01-05-2012	30-04-2013
Implementation Phase	28 months	26 months	01-05-2013	30-06-2015
<b>TOTAL</b>	<b>36 months</b>	<b>42 months</b>		

Norplan have indicated a further requirement of 6 months until end of 2015 – Not yet approved

If approved – Overall Project Duration will be 48 months

## Current Faryab Project Action Plan



## Project components

1. Hydrogeology
2. GIS/MIS
3. Water Supply and Sanitation
4. Training and Capacity Building
5. Coordination and Institutional Cooperation
6. Project Management



## Hydrogeology activities and achievements

- › Developed methodology
- › Data gathering
  - › Improved knowledge of hydrogeological conditions in Faryab
  - › Targets for exploration drilling and test pumping identified
- › Geophysical investigation and baseline surveys in Faryab (by DACAAR)
- › Geophysical interpretation is currently in progress
- › Hydrogeological maps are in progress –
  - › Atlas has been prepared in draft form – linked to GIS component
- › Hydrogeological report under preparation - due in April 2014

## GIS activities and achievements

- › GIS was delayed due to recruitment of suitable Advisor
- › Local GIS Advisor recruited in Dec 2012 spends 50% of time on project and 50% on MRRD/Ruwatsip through UNICEF
- › Map format is now being formalised
- › Paper based maps are being developed (i.e. hydrogeology atlas)
- › Web based GIS maps are being prepared
- › Started to extend and test GIS system in 2 other provinces
- › Development of GIS manual – not yet started

## Water Supply and Sanitation activities

- › Defining and prioritising settlement areas
- › Improved coordination with other stakeholders
- › Geophysical investigations for selected/identified areas
- › Modality for project planning and implementation
  - › Funds only for design NOT for implementation
- › Preparation of conceptual plan
- › Preparation of water supply design
- › Implementation plans for rural towns or settlements

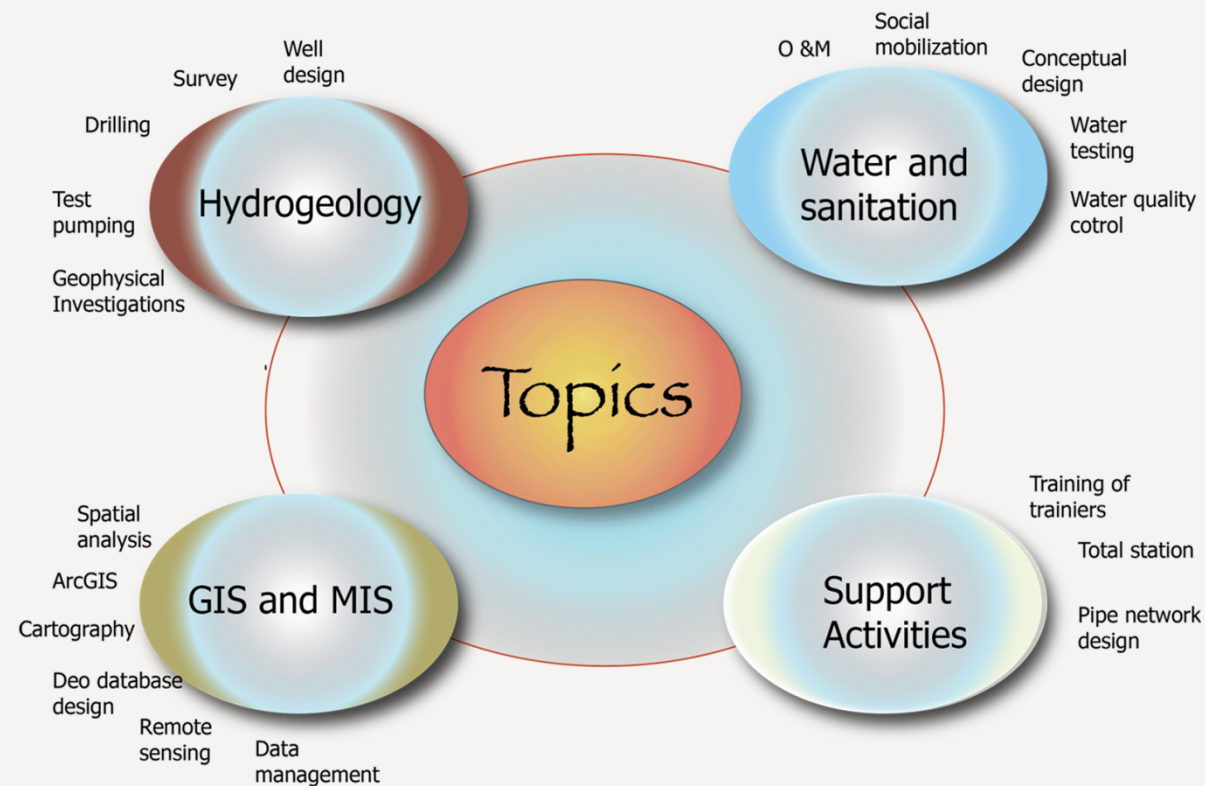
## Water Supply and Sanitation achievements

- › Towns/villages identified
- › Coordination with other stakeholders is much improved
- › Field survey is delayed only now possible in mid 2014 – but security situation is problem
- › Knock on effect for other activities like design etc.
- › Any implementation works resulting from this (not part of project) can only commence in 2015 – BUT need to identify funding source!
- › Working with NCA and University of Life Sciences in Oslo to discuss possible technical support to NCA for provision of Solar Stills – Norplan providing support for this



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## Capacity Building and Training Themes

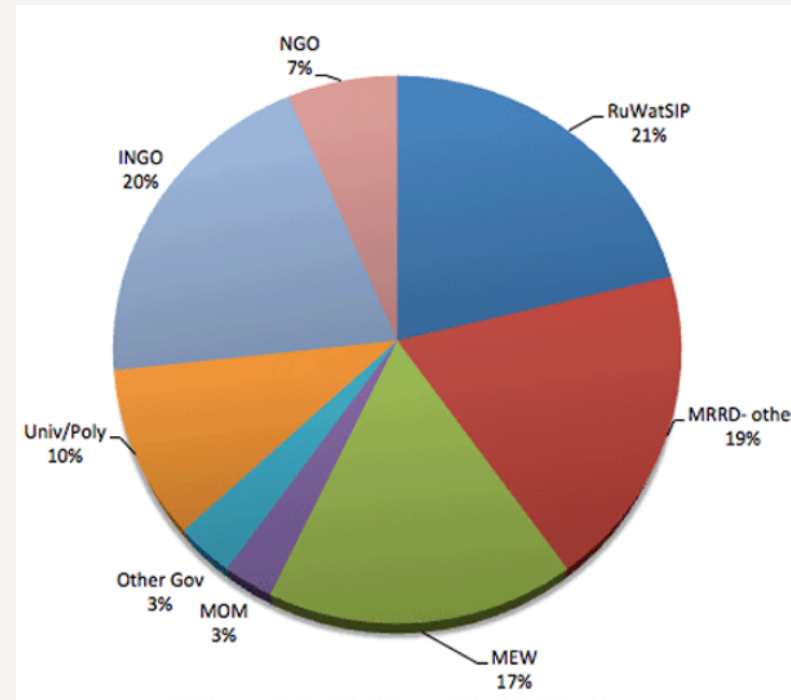


# Current Training Calendar

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## Breakdown of Training Course Participants

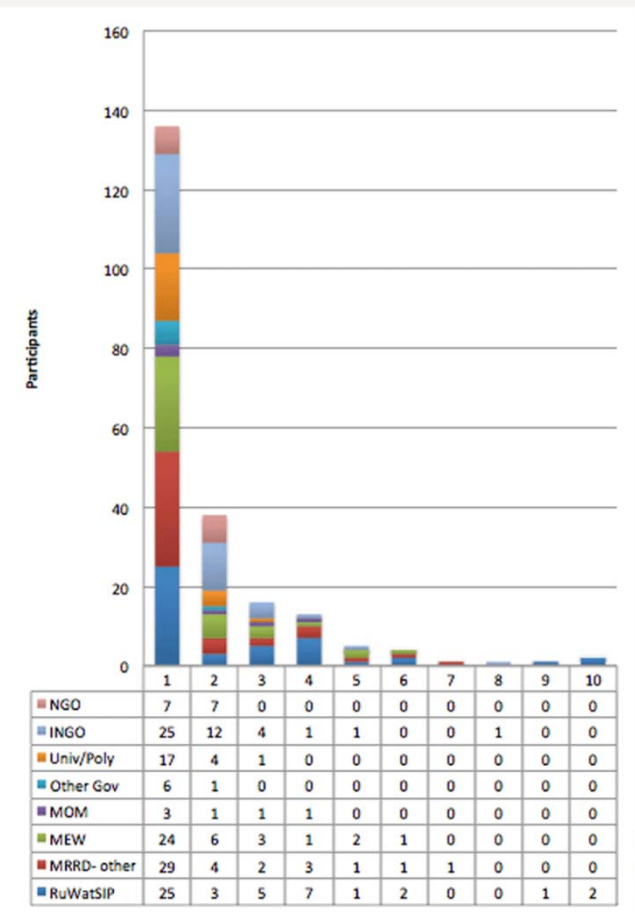
- > 409 attended course participants
- > 20 courses completed
- > 219 different people (189 male 30 female)



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## Training Course Participants

- > Some people have attended 10 courses!
- > MRRD/RUWATSIP account for 40% of participants
- > MEW have shown keen interest in training (17 % of participant so far)
- > University also shown great interest (10%) - most women have come from the university



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## Website and Training Videos

- › The website [www.norplan.af](http://www.norplan.af) is an excellent tool for stakeholders to review progress.
- › Selection of training videos available – all to be translated into Dari and Pashtun before the end of the project
- › The website allows full transparency of the Project activities – for example all procurements for the project are shown

## Training Feedback from Completed course – GIS as an example

NORPLAN GIS Trainings Summary Sheets Feedback (Feb 2014)													
		Question 1: Did the training course meet your expectations?				Question 2: Overall relevancy of training topics and duration according to your time?			Question 3: Training relevancy to your organization or project's need?				
Training #	Topic	Completely	Partially	Not at All		Too Long	Just Right	Too Short		Very Relevant	Somewhat Relevant	Not Relevant	Number of Trainees/Participants
4.1	ArcGIS Software Introduction	44%	50%	6%		0%	39%	61%		89%	11%	0%	1
4.2	ArcGIS Databases	29%	71%	0%		0%	76%	24%		57%	36%	7%	1
4.3	ArcGIS Spatial Analyses	36%	64%	0%		0%	45%	55%		91%	9%	0%	1
4.9	Cartography-1	8%	92%	0%		0%	33%	67%		75%	25%	0%	1
4.10	GIS for hydrogeologists	7%	79%	14%		7%	43%	50%		57%	43%	0%	1
4.11	Remote sensing	40%	60%	0%		0%	47%	53%		66%	27%	7%	1
Average Percentages		27%	69%	3%		1%	47%	52%		73%	25%	2%	

## Training Course Recommendations – GIS as an example

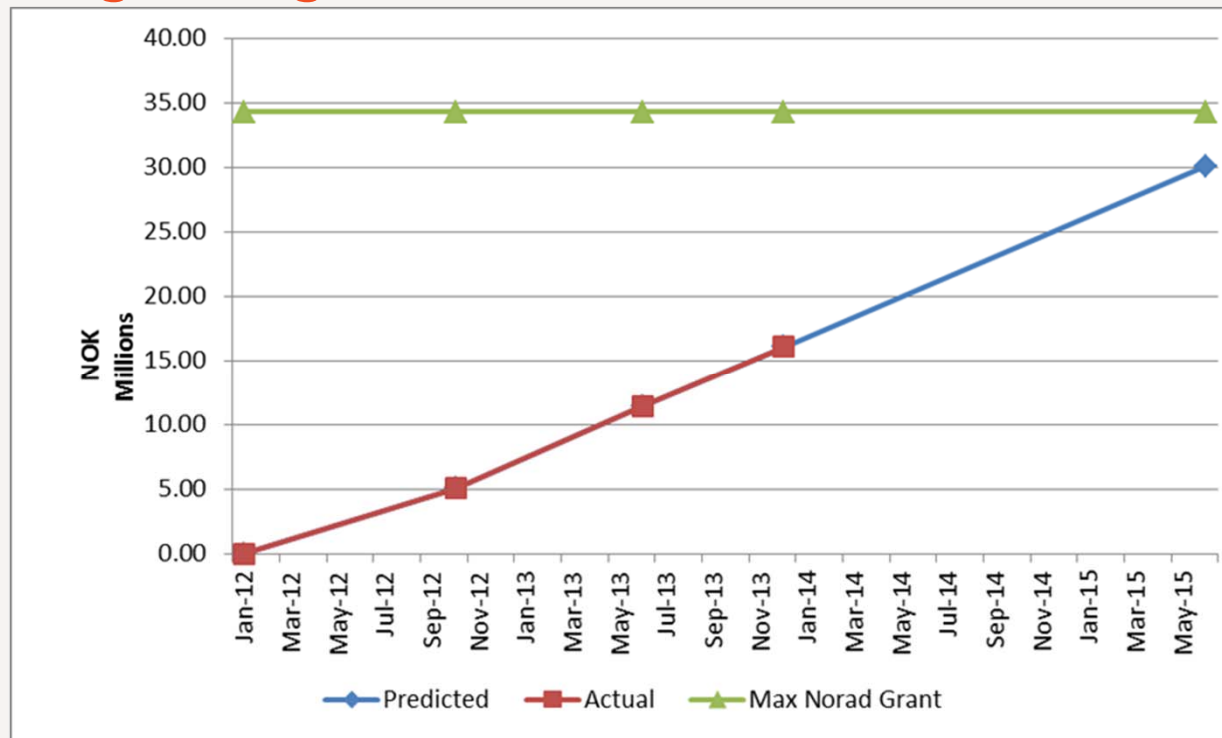
#	Recommendations from Course Completion Reports
1	<b>Attendace of participants</b> Precise attendance to have trainees no later than 30 min
2	<b>Pre-test and post-test</b> Participants can be awarded by <u>certificate of attendance</u> and <u>certificate of successful completion</u> of a course
3	<b>Training agenda and topics should be covered within official time</b> Additional topics/practice can be done after or before course sessions
4	<b>Some courses are relevant to more than 70% of participants</b> Repeatition of some courses may work better
5	<b>All important topics for some courses could not be covered</b> Therefore, some of them can be split into 2 courses
6	<b>Involve participants more in training and make environment more interactive</b>

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## Financing/Budget

ITEM	AT CONTRACT SIGNING	NORPLAN Approved Budget	NORPLAN with proposed budget for reallocation
	Nov-11	Dec-12	Dec-13
<b>REMUNERATION COSTS</b>	<b>NOK</b>	<b>NOK</b>	<b>NOK</b>
FOREIGN STAFF	8,941,750	11,496,750	18,406,181
LOCAL STAFF	2,398,500	2,398,500	3,743,000
<b>SUB TOTAL REMUNERATION</b>	<b>11,340,250</b>	<b>13,895,250</b>	<b>22,149,181</b>
<b>DIFFERENCE FROM COMMENCEMENT</b>	<b>0</b>	<b>2,555,000</b>	<b>10,808,931</b>
<b>REIMBURSABLE COSTS</b>	<b>NOK</b>	<b>NOK</b>	<b>NOK</b>
OPERATIONAL COSTS	10,482,533	10,660,125	5,341,243
PROCUREMENT AT MOBILISATION	945,359	945,359	945,359
PROCUREMENT PRIOR TO IMPLEMENTATION	4,609,800	4,619,425	4,619,425
<b>SUB TOTAL PROCUREMENT + REIMBURSABLE</b>	<b>16,037,692</b>	<b>16,224,909</b>	<b>10,906,027</b>
<b>DIFFERENCE FROM COMMENCEMENT</b>	<b>0</b>	<b>187,217</b>	<b>-5,131,665</b>
<b>TOTAL COSTS</b>	<b>NOK</b>	<b>NOK</b>	<b>NOK</b>
<b>OVERALL TOTAL AMOUNT</b>	<b>27,377,942</b>	<b>30,120,159</b>	<b>33,055,208</b>
<b>DIFFERENCE FROM COMMENCEMENT</b>	<b>0</b>	<b>2,742,217</b>	<b>5,677,266</b>

## Financing/Budget



## MRRD in Kind Contribution

MRRD IN KIND CONTRIBUTION	TO END 2013 USD	REMAINING USD	TOTAL USD
<b>PERSONNEL COSTS</b>			
SENIOR MRRD ADMIN	14,000	7,000	21,000
SENIOR RUWATSIP STAFF	142,800	102,000	244,800
JUNIOR RUWATSIP STAFF	12,000	9,600	21,600
FIELD OFFICER/LABOURERS	28,950	86,850	115,800
<b>SUB TOTAL</b>	<b>197,750</b>	<b>205,450</b>	<b>403,200</b>
<b>OPERATIONAL COSTS</b>			
USE OF DRILLING RIG (10 BOREHOLES FARYAB)	0	150,000	150,000
DRILLING SUPPORT	0	28,800	28,800
PROVISION OF OFFICE FACILITIES 36 MONTHS	30,000	24,000	54,000
<b>SUB TOTAL</b>	<b>30,000</b>	<b>202,800</b>	<b>232,800</b>
<b>TOTAL MRRD CONTRIBUTION</b>	<b>227,750</b>	<b>408,250</b>	<b>636,000</b>

## Evaluation Criteria

- **Highly satisfactory (HS):** Project activity has delivered (or is highly likely to deliver) all of its planned results, and has achieved or exceeded *all its major* relevant objectives.
- **Satisfactory (S):** Project activity has delivered (or is expected to achieve) satisfactory most of its planned results with only a few shortcomings, and has achieved *most of its major* relevant objectives.
- **Marginally satisfactory (MS):** Project activity has achieved (or is expected to achieve) some planned results, and has achieved some of its major relevant objectives.
- **Marginally unsatisfactory (MU):** Project activity has achieved (or is expected to achieve) only few of its planned results, and has achieved *only a few of its major* relevant objectives.
- **Unsatisfactory (U):** Project activity has not yielded and is not expected to yield its planned results, and *failed to achieve most of its major* relevant objectives, and thus has significant shortcomings.
- **Highly unsatisfactory (HU):** Project activity has not yielded (and is not expected to yield) any worthwhile development results, and has *failed to achieve any of its major* relevant objectives.

## Results for Project Components

Main Output	MTR Rating
<b>Hydrogeology -</b>	
<i>Development of hydrogeological survey methodology</i>	S to HS
<i>Implementation of hydrogeological survey in Faryab Province including geophysical survey, drilling and test pumping</i>	MS (geophysics) MU (drilling)
<b>Design and Implementation of a GIS and MIS</b>	
<i>Database</i>	S
<i>Hydrogeological mapping system for PC and paper maps</i>	S
<i>Web Based Water Use Atlas</i>	S
<b>Planning for and preliminary design of water and sanitation system for 3 towns in Faryab</b>	U
<b>Training and capacity building at national and provincial level</b>	S to HS
<b>Co-ordination of the sub sector and institutional cooperation</b>	S to HS
<b>Project Management</b>	S to MS



## Norad Standard Evaluation Elements

- › Relevance
- › Efficiency and Effectiveness
- › Impact and Sustainability

## Project Relevance

- › from goals and objectives
- › from assumptions and risks
- › in terms of building national capacity and national standards

Overall Rating - Satisfactory

## Effectiveness and Efficiency

- › degree outputs achieved
- › actual vs planned beneficiaries
- › relationship with national authorities
- › coordination with other projects
- › Impact on women and children
- › Organisational set up
- › Institutional absorption capacity partnering local/national authorities
- › Human resources development capacity

Overall Rating – Marginally Satisfactory to Satisfactory

## Impact and Sustainability

- › in terms of financial capacity
- › in terms of institutional capacity
- › in accordance with international best practice and standards
- › likelihood to be adopted by local and national authorities
- › Contribution to improved water quality and accessibility
- › How project fits with other activities such as DACAAR activities

## Overall Rating - Satisfactory

## Findings/Conclusions

- › Overall the Project can be classed as "Satisfactory"
- › Hydrogeological knowledge has been substantially increased in Faryab due to the Project –
  - › but needs to be proven with field work –drilling and test pumping
- › GIS/MIS after late start is moving forward satisfactorily
- › Training and Capacity Building to date has been very satisfactory
  - › A total of 20 out of 50 training courses have been held to date
  - › Some 409 course participants have taken part comprising of 219 people
  - › 14% of participants have been women

## Findings/Conclusions

- › Institutional Cooperation between stakeholders has been excellent and there are real signs of sustainability
  - › As an example, the Afghanistan National Standards Authority has now established a consultative committee for working towards a national water standard – MRRD/Norplan activities have provided the catalyst for this!
- › The preparation of the web page [www.norplan.af](http://www.norplan.af) for the project is an excellent tool for showing Project progress
  - › MRRD are now preparing a similar web site in preparation for their activities in other provinces
- › Security situation in Faryab has deteriorated markedly since Project inception
  - › seriously hampering field activities for DACAAR
  - › preventing international staff from visiting the Province

## Findings/Conclusions

- › Project Management has been hampered by lack of functioning PCU
  - › Lack of real counterpart staff – only the GIS/MIS Advisor is a counterpart and has performed extremely well
  - › More counterparts will be needed as the pilot project is rolled out to other provinces
- › Current spending on the project has reached NOK 16 million
  - › just under 50% of the Grant
  - › Budget reallocations have been focused on provision of key training staff against a reduction in reimbursable costs
- › MRRD In Kind contribution remains on track but there is considerable unspent portion for drilling rigs and testing equipment

## Recommendations

- › The project should continue
- › The requested 6 month extension should be granted until Dec 2015
- › The budgetary reallocations suggested by Norplan should be approved
- › The planned drilling should be confined to "safer areas"
- › If the MRRD drilling rig and test pumping equipment does not materialise, then the project should look towards implementation through private contractors and use them as training tools
- › MRRD should seriously consider strengthening the PCU activity (more counterpart staff) especially as they are intending to role the program out to other provinces



## Recommendations

- › Training course content should be more practically orientated
- › Drive to integrate training courses in university and polytechnic course curriculums
- › Current research project (UMB/NCA) should be promoted and other innovative ideas developed with low cost and sustainability in mind
- › Norad/Norwegian Embassy should pursue exit strategy with focus on the World Bank/UNICEF projects
- › The establishment of a web page should be a mandatory requirement for future funded projects of a similar nature

## Exit Strategy for Norad

- › For an exit strategy the following are relevant:
  - › UNICEF have indicated a willingness to support the training courses in the Provinces under their WASH program
  - › World Bank intends to embark on a new project USD 100 million with a capacity building component.
    - › The project is at concept stage and was given the "green light" at Peer Review, fact finding will occur in May 2014 with a view to be operational in Oct 2014. NOTE: This heavily depends on the security situation and that a government is formed after the election.
    - › USAID also contributing USD 50 million.
    - › SIDA also indicated a willingness to support some components, but not yet committed themselves.
- › These are potential vehicles to carry the capacity building forward and to extend to other provinces.

Capacity Building and Institutional Cooperation in the field of Hydrogeology for Faryab Province, Afghanistan – Between MRRD and Norad financed Partner

Thank You