# 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



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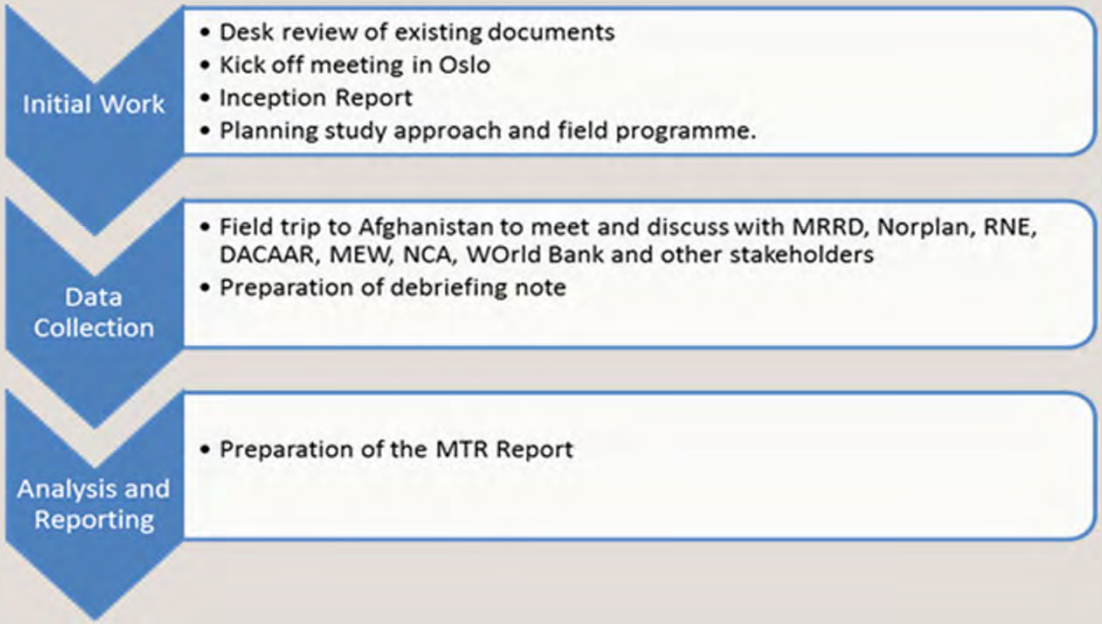
# MTR Consultant Approach and Methodology



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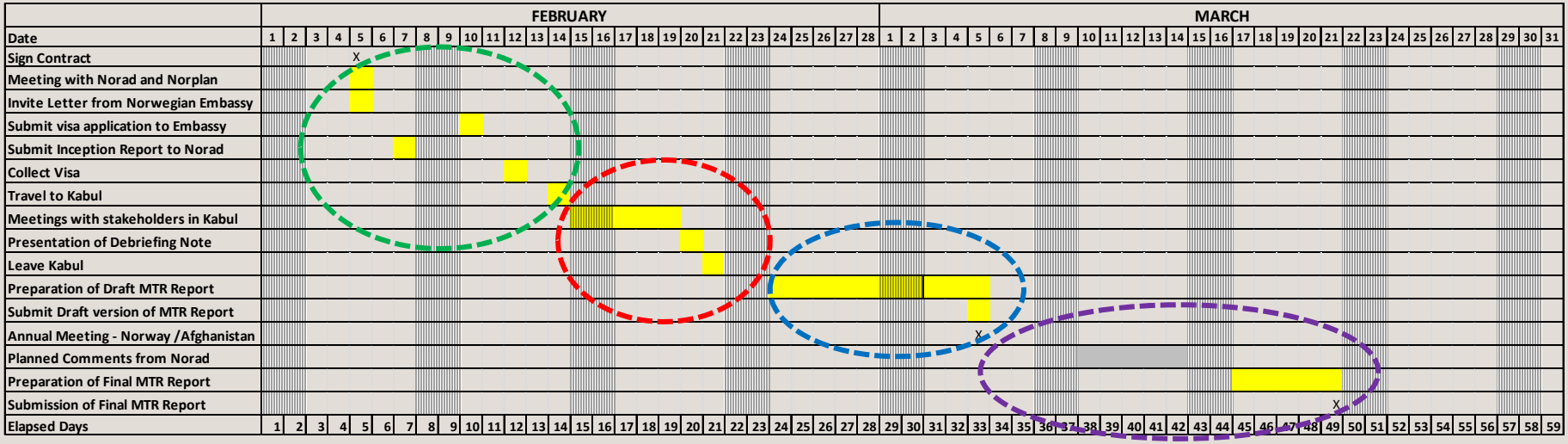
# Mid Term Review - Time Line



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# Key Dates

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

# Fieldwork Data Collection – Meeting Schedule

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



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# Faryab Project – Planned and Actual

## Original Project Duration 36 months

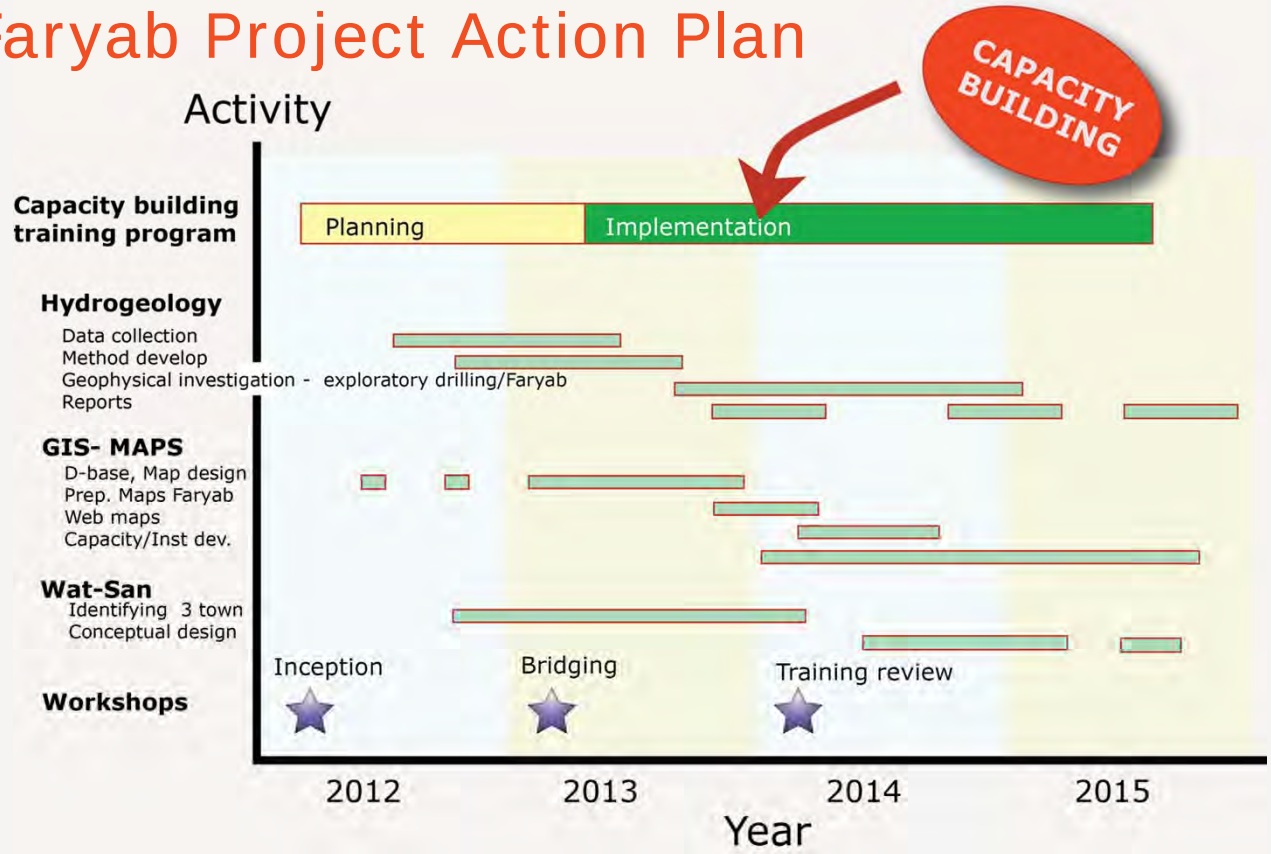
## Currently agreed Project Duration 42 months

| 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 |
| **TOTAL** | **36 months** | **42 months** | | |

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

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# 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



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# 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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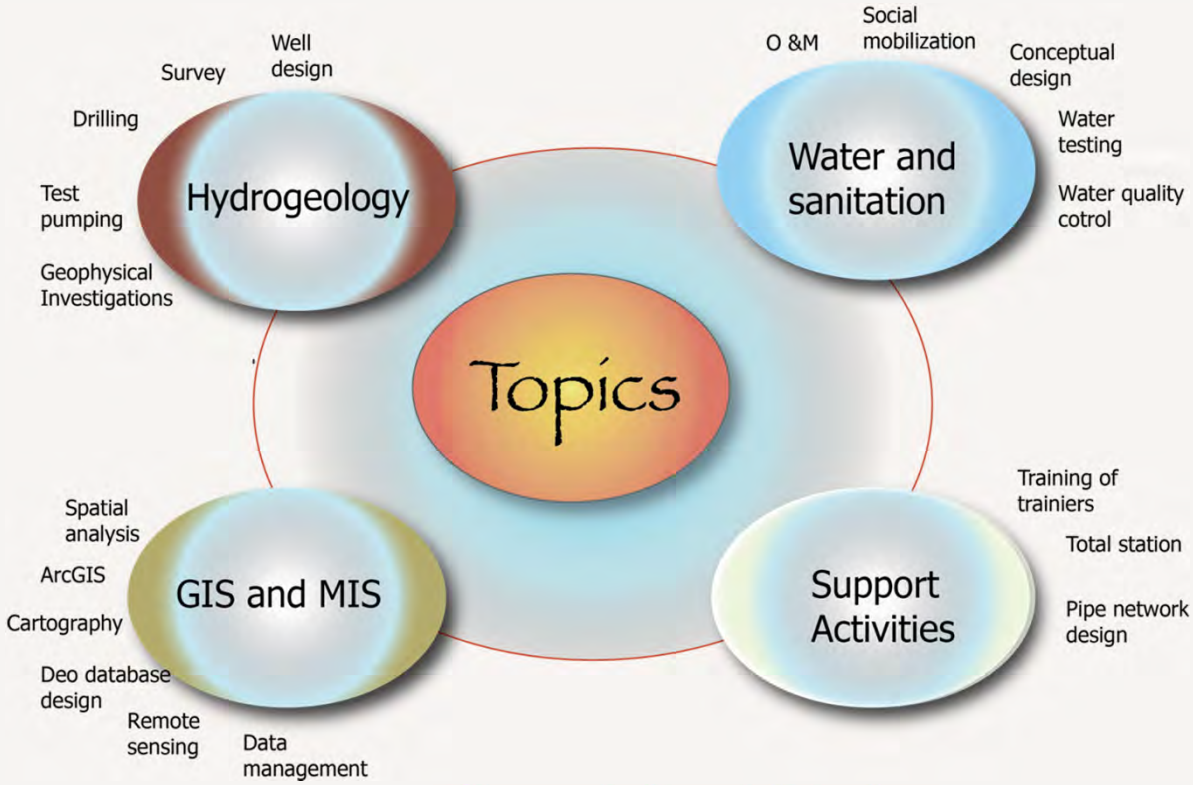
# Capacity Building and Training Themes

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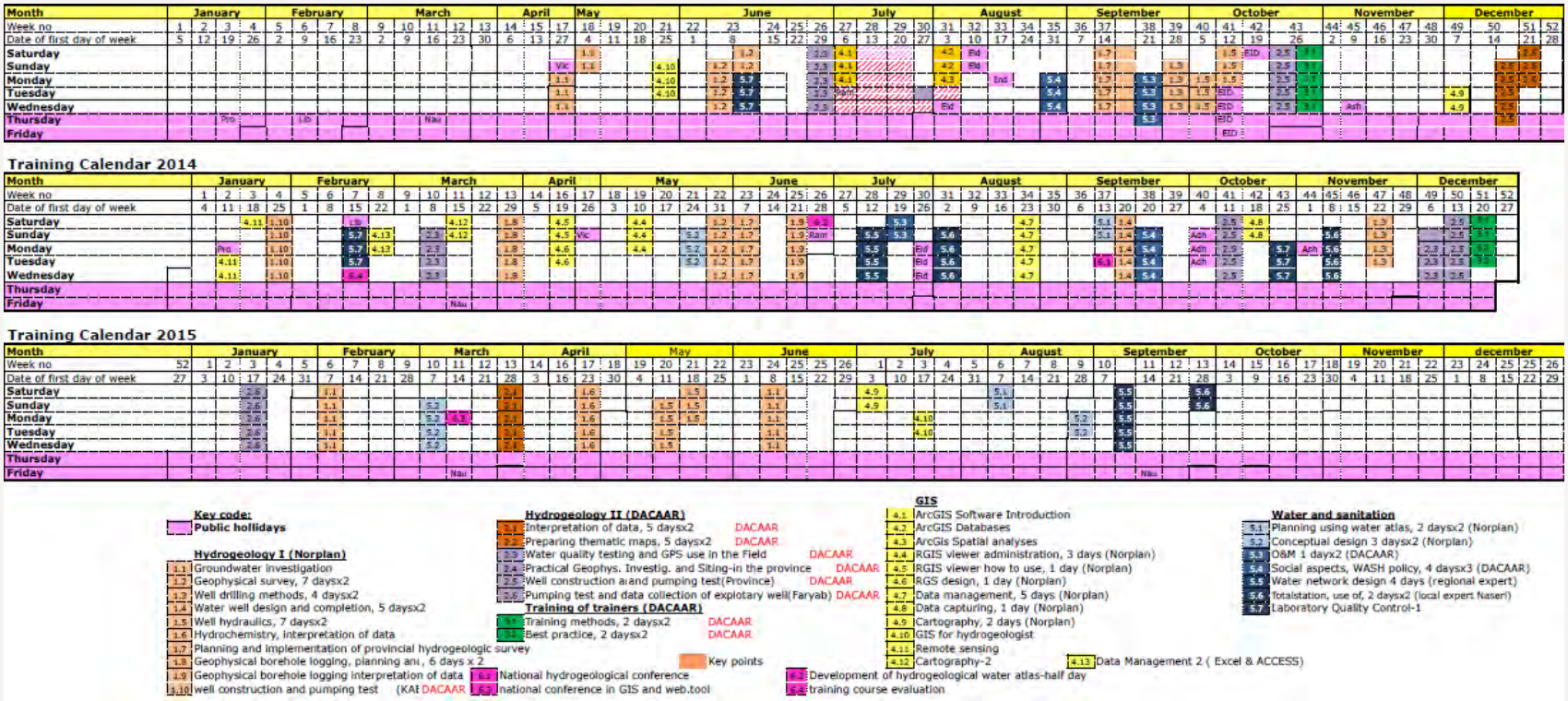
# Current Training Calendar

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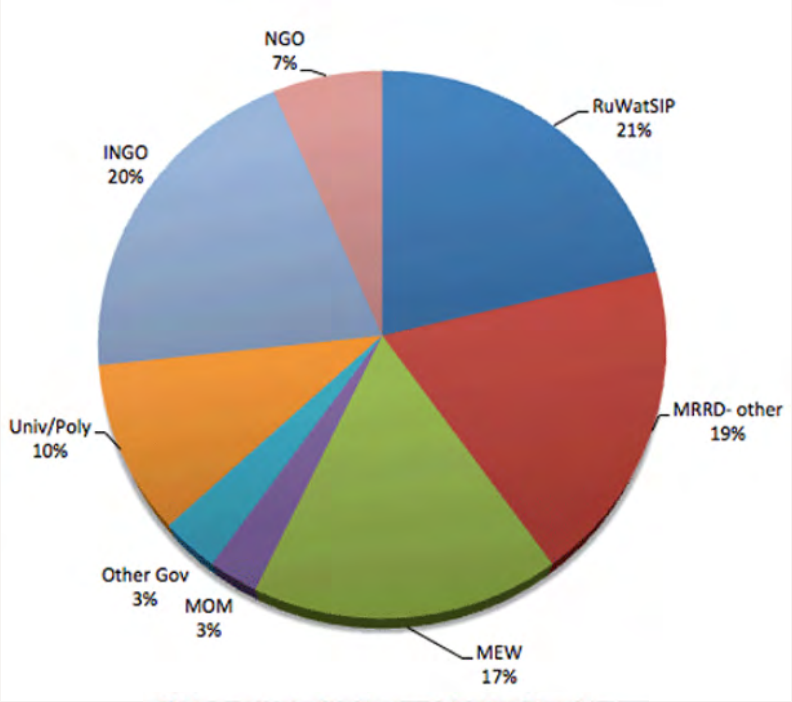
# Breakdown of Training Course Participants

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

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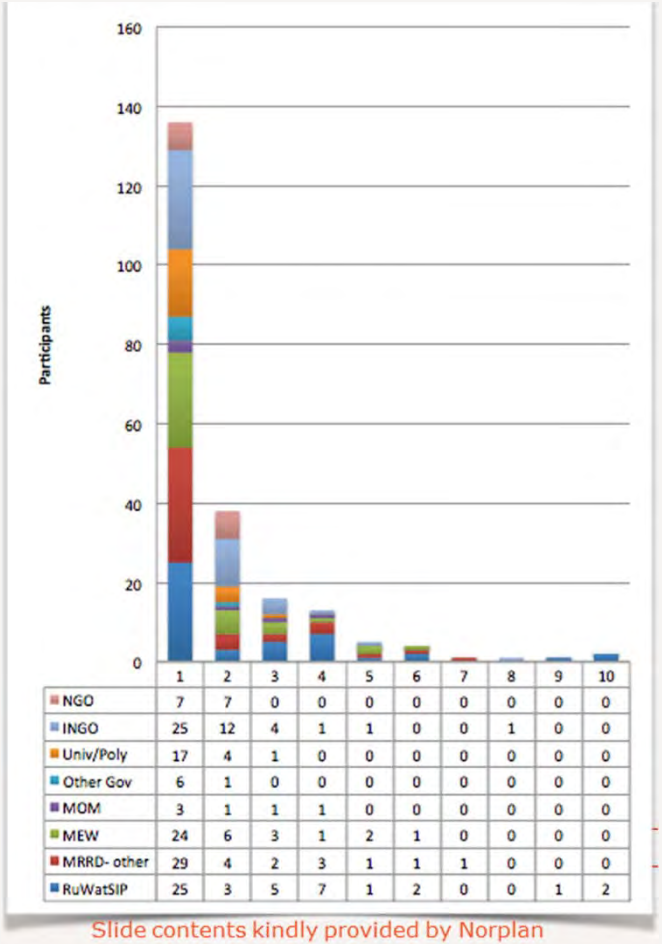
# Training Course Participants

- 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




| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| NGO | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| INGO | 25 | 12 | 4 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| Univ/Poly | 17 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Gov | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOM | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEW | 24 | 6 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 0 |
| MRRD- other | 29 | 4 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| RuWatSIP | 25 | 3 | 5 | 7 | 1 | 2 | 0 | 0 | 1 | 2 |

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# Website and Training Videos

- The website 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 TraineesParticipar** |
| 4.1 | ArcGIS Software Introduction | 44% | 50% | 6% | 0% | 39% | 61% | 89% | 11% | 0% | 17 |
| 4.2 | ArcGIS Databases | 29% | 71% | 0% | 0% | 76% | 24% | 57% | 36% | 7% | 18 |
| 4.3 | ArcGIS Spatial Analyses | 36% | 64% | 0% | 0% | 45% | 55% | 91% | 9% | 0% | 16 |
| 4.9 | Cartography-1 | 8% | 92% | 0% | 0% | 33% | 67% | 75% | 25% | 0% | 14 |
| 4.10 | GIS for hydrogeologists | 7% | 79% | 14% | 7% | 43% | 50% | 57% | 43% | 0% | 14 |
| 4.11 | Remote sensing | 40% | 60% | 0% | 0% | 47% | 53% | 66% | 27% | 7% | 18 |
| **Average Percentages** | | **27%** | **69%** | **3%** | **1%** | **47%** | **52%** | **73%** | **25%** | **2%** | |



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# Training Course Recommendations – GIS as an example

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

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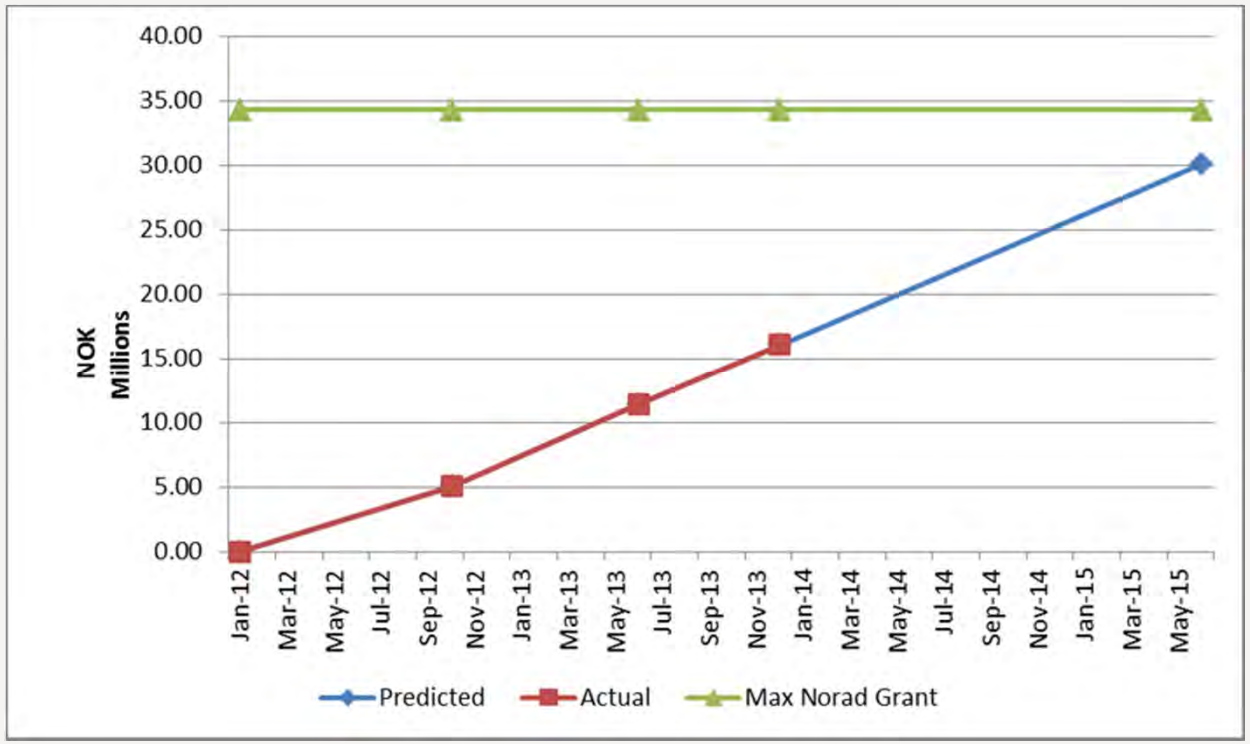
# Financing/Budget

| ITEM | AT CONTRACT SIGNING | NORPLAN Approved Budget | NORPLAN with proposed budget for reallocation |
|---|---|---|---|
| | Nov-11 | Dec-12 | Dec-13 |
| **REMUNERATION COSTS** | **NOK** | **NOK** | **NOK** |
| FOREIGN STAFF | 8,941,750 | 11,496,750 | 18,406,181 |
| LOCAL STAFF | 2,398,500 | 2,398,500 | 3,743,000 |
| **SUB TOTAL REMUNERATION** | **11,340,250** | **13,895,250** | **22,149,181** |
| **DIFFERENCE FROM COMMENCEMENT** | **0** | **2,555,000** | **10,808,931** |
| | | | |
| **REIMBURSABLE COSTS** | **NOK** | **NOK** | **NOK** |
| 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 |
| **SUB TOTAL PROCUREMENT + REIMBURSABLE** | **16,037,692** | **16,224,909** | **10,906,027** |
| **DIFFERENCE FROM COMMENCEMENT** | **0** | **187,217** | **-5,131,665** |
| | | | |
| **TOTAL COSTS** | **NOK** | **NOK** | **NOK** |
| **OVERALL TOTAL AMOUNT** | **27,377,942** | **30,120,159** | **33,055,208** |
| **DIFFERENCE FROM COMMENCEMENT** | **0** | **2,742,217** | **5,677,266** |

# Financing/Budget



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# MRRD in Kind Contribution

| MRRD IN KIND CONTRIBUTION | TO END 2013 USD | REMAINING USD | TOTAL USD |
|---|---|---|---|
| **PERSONNEL COSTS** | | | |
| 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 |
| **SUB TOTAL** | **197,750** | **205,450** | **403,200** |
| **OPERATIONAL COSTS** | | | |
| 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 |
| **SUB TOTAL** | **30,000** | **202,800** | **232,800** |
| **TOTAL MRRD CONTRIBUTION** | **227,750** | **408,250** | **636,000** |

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

# Thank You



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