



EUROPEAN COMMISSION
Research Executive Agency
Marie Curie Actions – Networks for Initial Training

Project No: 316472

Project Acronym: NORA

Project Full Name: NORA - Nitrous Oxide Research Alliance
Training Network

Marie Curie Actions

Mid-term Report

Period covered: from 01/01/2013 to 01/01/2015

Date of preparation: 29/09/2014

Period number: 1st

Date of submission (SESAM): 14/10/2014

Start date of project: 01/01/2013

Project coordinator name:
Prof. Asa Frostegard

Project coordinator organisation name:
NORGES MILJO-OG BIOVITENSKAPLIGE
UNIVERSITET

Version: 1

Mid-term Report

PROJECT MID-TERM REPORT

| | |
|--|---|
| Grant Agreement number: | 316472 |
| Project acronym: | NORA |
| Project title: | NORA - Nitrous Oxide Research Alliance Training Network |
| Funding Scheme: | FP7-MC-ITN |
| Mid-term period covered - start date: | 01/01/2013 |
| Mid-term period covered - end date: | 01/01/2015 |
| Project co-ordinator: | |
| Organisation PIC: | 999902967 |
| Organisation legal name: | NORGES MILJO-OG BIOVITENSKAPLIGE UNIVERSITET |
| Person in charge of scientific aspects: | |
| Title: | Prof. |
| First name: | Asa |
| Name: | Frostegard |
| Tel: | +4764965880 |
| Fax: | +4764965901 |
| E-mail: | asa.frostegard@nmbu.no |
| Project website address: | http://nora.nmbu.no |

OVERALL PROGRESS OF THE PROJECT:

Comments:

Work package 0 - Recruitment - finished.

Work package 1, 2 and 3 - Consensus, project plans and interaction:

- Internal progress reports from all fellows were sent the Coordinator by June 1st 2014 and approved by the Technical Committee (Skype Meetings) the 19th and 30th of June 2014. The internal progress reports have been uploaded on the NORA

intranet: https://nora.nmbu.no/project_intranet/intranet_frontpage/progress-reports

- Updated progress reports for the NORA mid-term report were sent to the Coordinator by October 10th, 2014. These reports can be found attached (Attachment #1 a - 1).

- Secondments have been planned for all fellows - an overview is given in the table attached (Attachment # 2).

Work package 4 - Management:

- Minutes from Technical Committee Skype meetings (June 19 2014, June 30 2014, and September 19 2014) here (intranet): https://nora.nmbu.no/project_intranet/intranet_frontpage

- Minutes from a Technical Committee Meeting in Ghent (September 12, 2014) here:

https://nora.nmbu.no/sites/default/files/pdfattachments/minutes_from_tc_meetings_in_september_2014.pdf

Work package 5 - Training:

- School 1 (Oct 13-18, 2013), 4 credits (ECTS), finished

https://nora.nmbu.no/project_intranet/intranet_frontpage/summerschool-1-2013

- School 2 (Nov 15-19, 2014), 3 credits (ECTS), <https://nora.nmbu.no/events/node/16774>

- School 3 (Nov 18-20, 2014), 1 credit (ECTS), <https://nora.nmbu.no/events/node/16775>

Work package 6 - Dissemination / Outreach:

- The NORA website is regularly updated

- Outreach activities have been registered by the partners (<https://nora.nmbu.no/nora-in-the-public>).

This page is open to all readers, but can be edited by NORA partners only. Activities include scientific publications as well as newspaper articles, radio interviews etc. All NORA dissemination activities are uploaded on the web and in addition reported to the WP6 leader (UEA).

CONSORTIUM MANAGEMENT TASKS AND ACHIEVEMENTS:

- DoC for all twelve NORA fellows have been uploaded on the Participation Portal.

- Minutes from four Technical Committee meetings here (intranet):

https://nora.nmbu.no/sites/default/files/pdfattachments/minutes_from_nora_tc_meeting_19th_june_0.pdf

https://nora.nmbu.no/sites/default/files/pdfattachments/minutes_from_nora_technical_committee_meeting_30_june_2014.pdf

https://nora.nmbu.no/sites/default/files/pdfattachments/minutes_from_tc_meetings_in_september_2014.pdf (two meetings)

- Project Meeting 3 (in connection with Mid-term Review Meeting), will be held in Delft, November 12-13, 2014 <https://nora.nmbu.no/events/node/5823>

- Schools 2 and 3

<https://nora.nmbu.no/events/node/16774>

<https://nora.nmbu.no/events/node/16775>

Project planning and status - from management point of view:

- All fellows are working and delivering as planned

- All secondments have been planned; some are ongoing

- The 2015 NORA project meeting will take place in Aberdeen, September / October, 2015

<https://nora.nmbu.no/events/node/16805>

CONTRACT DELIVERABLES UPDATE

M - Months

RESR - Researcher

FAC B - Fixed amount contract B (%)

| RECRUITMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Participants | R.1 | R.2 | R.3 | R.4 | R.5 | R.6 | R.7 | R.8 | R.9 | R.10 | R.11 | R.12 | R.13 | R.14 | R.15 | R.16 | R.17 | R.18 | R.19 | R.20 | R.21 | R.22 | R.23 | R.24 | R.25 | R.26 | R.27 | R.28 | R.29 | R.30 | R.31 | R.32 | R.33 | R.34 | R.35 | R.36 |
| UMB | 36 | 1 | | 14 | 1 | | 22 | 0 | | 24 | 1 | | | | 24 | 1 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| UEA | 36 | 1 | | 11 | 1 | | 25 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| VUA | 36 | 1 | | 10 | 1 | | 26 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| TUD | 36 | 1 | | 12 | 1 | | 24 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| UNIABDN | 36 | 1 | | 10 | 1 | | 26 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| SLU | 36 | 1 | | 11 | 1 | | 25 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| INRA | 36 | 1 | | 13 | 1 | | 23 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| ECL | 36 | 1 | | 13 | 1 | | 23 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| UGOT | 36 | 1 | | 14 | 1 | | 22 | 0 | | 0 | | | | | | 0 | | | 0 | | | | | | 0 | | | 0 | | | | | | | 0 | |
| YARAG | | 0 | | | | | 0 | | | 24 | 1 | | 10 | 1 | | 14 | 0 | | | 0 | | | | | 0 | | | 0 | | | | | | | 0 | |
| Bioclear | | 0 | | | | | 0 | | | 24 | 1 | | 9 | | | 15 | 1 | | | 0 | | | | | 0 | | | 0 | | | | | | | 0 | |
| Total | 324 | 9 | | 108 | 9 | | 216 | 0 | | 72 | 3 | | 19 | 1 | | 53 | 2 | | | 0 | | | 0 | | 0 | | | 0 | | | | 0 | | 0 | | |

- R.1 : Foreseen months (ESR)
- R.2 : Foreseen researchers (ESR)
- R.3 : Foreseen Fixed amount contract B (%) (ESR)
- R.4 : Implemented months (ESR)
- R.5 : Implemented researchers (ESR)
- R.6 : Implemented Fixed amount contract B (%) (ESR)
- R.7 : Difference months (ESR)
- R.8 : Difference researchers (ESR)
- R.9 : Difference Fixed amount contract B (%) (ESR)
- R.10 : Foreseen months (ER)
- R.11 : Foreseen researchers (ER)
- R.12 : Foreseen Fixed amount contract B (%) (ER)
- R.13 : Implemented months (ER)
- R.14 : Implemented researchers (ER)
- R.15 : Implemented Fixed amount contract B (%) (ER)
- R.16 : Difference months (ER)
- R.17 : Difference researchers (ER)
- R.18 : Difference Fixed amount contract B (%) (ER)
- R.19 : Foreseen months (VS <10)
- R.20 : Foreseen researchers (VS <10)
- R.21 : Foreseen Fixed amount contract B (%) (VS <10)
- R.22 : Implemented months (VS <10)
- R.23 : Implemented researchers (VS <10)
- R.24 : Implemented Fixed amount contract B (%) (VS <10)
- R.25 : Difference months (VS <10)
- R.26 : Difference researchers (VS <10)

- R.27 : *Difference Fixed amount contract B (%) (VS <10)*
- R.28 : *Foreseen months (VS >10)*
- R.29 : *Foreseen researchers (VS >10)*
- R.30 : *Foreseen Fixed amount contract B (%) (VS >10)*
- R.31 : *Implemented months (VS >10)*
- R.32 : *Implemented researchers (VS >10)*
- R.33 : *Implemented Fixed amount contract B (%) (VS >10)*
- R.34 : *Difference months (VS >10)*
- R.35 : *Difference researchers (VS >10)*
- R.36 : *Difference Fixed amount contract B (%) (VS >10)*

Comments:

Number of months given per October 14, 2014.

Daria Kaptan was hired the 1st of November 2013 not the 11th of November 2013 as reported previously.

Also Daria Kaptan (VUA) was on maternity leave from January 1 2014 until February 10, 2014.

INTERNATIONAL CONFERENCES / EVENTS OPEN TO EXTERNAL RESEARCHERS

| Event Number | Participant hosting the event | Type of Event | Month when the event took place | Start date of the event | End date of the event | Total number of researchers outside the network attending the event | Total number of researcher days for researchers from outside the network attending the event | Website of the event |
|--------------|-------------------------------|---|---------------------------------|-------------------------|-----------------------|---|--|---|
| 1 | UMB | NORA Start-up Meeting | 2 | 07/02/2013 | 08/02/2013 | | | https://nora.nmbu.no/project_intranet/intranet_frontend/startup |
| 2 | UMB | NORA Kick-off Meeting | 10 | 10/10/2013 | 11/10/2013 | | | https://nora.nmbu.no/project_intranet/intranet_frontend/kick-off_meeting |
| 3 | UMB | The First NORA Summer School | 10 | 13/10/2013 | 18/10/2013 | | | https://nora.nmbu.no/project_intranet/intranet_frontend/summerschool-1-2013 |
| 5 | TUD | NORA Project Meeting | 22 | 12/10/2014 | 13/10/2014 | | | https://nora.nmbu.no/events/node/5823 |
| 6 | TUD | NORA Mid-term Review Meeting | 22 | 14/10/2014 | 14/10/2014 | | | https://nora.nmbu.no/events/node/5823 |
| 7 | TUD | The Second NORA Summer School | 22 | 15/10/2014 | 19/10/2014 | | | https://nora.nmbu.no/events/node/16774 |
| 8 | TUD | The Third NORA Summer School | 22 | 18/10/2014 | 20/10/2014 | | | https://nora.nmbu.no/events/node/16775 |
| 4 | UMB | NORA Workshop "Mathematical Modelling" | 17 | 19/05/2014 | 20/05/2014 | 3 | | https://nora.nmbu.no/project_intranet/intranet_frontend/workshop_mathematical_modelling |
| 9 | UGOT | NORA Workshop "Gas flux measurements in terrestrial ecosystems" | 29 | 10/05/2015 | 12/05/2015 | 10 | | https://nora.nmbu.no/events/node/16776 |

| Total number of researchers outside the network attending the event | Total number of researcher days for researchers from outside the network attending the event |
|---|--|
| 13 | 0 |

Planned number of researcher days for researchers from outside the network attending the event: 0

Remaining number of researcher days for researchers from outside the network attending the event: 0

Comments:

The external researchers were not / will not be paid for by NORA money.
On the Workshop in May 2015 (Gothenburg) we expect approximately 30 stakeholders to participate, in addition to the researchers. These participants will not be paid for by NORA money.

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|--------------------|--|
| Attachments | Attachment 2 Secondments table.pdf, Attachment 1f midtermreport ESR6.pdf, Attachment 1e midtermreport ESR5.pdf, Attachment 1a midtermreport ESR1.pdf, Attachment 1d midtermreport ESR4.pdf, Attachment 1l midtermreport ER3.pdf, Attachment 1k midtermreport ER2.pdf, Attachment 1j midtermreport ER1.pdf, Attachment 1h midtermreport ESR8.pdf, Attachment 1g midtermreport ESR7.pdf, Attachment 1c midtermreport ESR3.pdf, Attachment 1i midtermreport ESR 9.pdf, Attachment 1b midtermreport ESR2.pdf |
| Name | |
| Date | |

This declaration was visaed electronically by Asa FROSTEGARD (ECAS user name nfrosta) on 14/10/2014