



**SNOWMAN NETWORK**  
Knowledge for sustainable soils

# **SNOWMAN NETWORK**

## **2012**

# **ANNUAL REPORT**

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10 October 2012/ 20 December 2012/January 2013  
Hanny Verbakel, SNOWMAN secretariat  
Sofie Van den Bulck, Chair



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## **INTRODUCTION**

The SNOWMAN network is a transnational group of research funding organizations and administrations in the field of soil and groundwater in Europe. The SNOWMAN network wants to develop and share knowledge for the sustainable use of soil and groundwater. For the development of knowledge we have a research programme that we execute by organizing calls for projects.

More information on the history of the SNOWMAN group can be found on the website [www.snowmannetwork.com](http://www.snowmannetwork.com).

This report gives an overview of the achievements of the SNOWMAN Network during 2012, based on the actions we defined for 2012.

## NETWORK STEERING GROUP

The objectives during 2012 are based upon the strategic objectives of the SNOWMAN Management paper (SNMP) and a follow-up of actions started in 2011. The actions are written down in the action plan of the network steering group for 2012.

For the above mentioned period the NSG existed of 5 research funding organisations (or administrations), as listed in table 1, who were a full member and therefore could participate in making decisions on above mentioned objectives.

The network secretariat was supported by the full members and hosted by SKB:

SNOWMAN Network Secretariat:

Hanny Verbakel, c/o SKB, P.O.Box 420, 2800 SK GOUDA, The Netherlands,  
tel.+31182540690

Homepage: <http://www.snowmannetwork.com>.

**Table 1 The SNOWMAN Network Steering Group**

Public Waste Agency of Flanders( <b>OVAM</b> ), <b>Flanders Belgium</b> also representing: Departement Leefmilieu, Natuur en Energie <b>LNE, Flanders Belgium</b>	Sofie Van den Bulck, chair 2012  member of the task team Communication and Knowledge dissemination
Agence De l'Environnement et de la Maîtrise de l'Energie, <b>ADEME, France</b>	Nadine Dueso, Call 4 coordinator untill the launch of the call on 18-9-2012 Frédérique Cadiere, coordinator of call 2, 3 and 4
Ministère de l'Ecologie, du Développement Durable et de l'Energie, <b>MEDDE, France</b>	Murièle Millot, member of the task team research programme
Sustainable development of the subsurface, <b>SKB, The Netherlands</b>	Simon Moolenaar, task team leader Research programme Ingrid van Reijssen, task team leader Communication and Knowledge dissemination
Naturvardsverket <b>SEPA, Sweden</b>	Kerstin Jansbo, coordinator Advisory group

## ACTIONS AND RESULTS OF THE NSG IN 2012

ACTION	RESULT	RESPONSIBILITY
Launch of call 4 (focus on socio-economic issues) on the condition that a mutual interest exists between at least three partners and that sufficient budget is available.	☺ Call 4 is launched on September 18 <sup>th</sup> 2012	Call 4 coordinator of the execution phase
Monitoring of call 2 and call 3 projects	☺ Midterm reports of IMAGH, PACMAN, SUSTAIN and SASSTRAT, final reports of Rejuvenate 2 and INSPECT have been delivered and approved by the respective Call Steering Committees.	call 2 and 3 coordinator and the Call 2 and 3 Steering Committees
Review of the research program through the integration of the scopes of call 1, 2 and 3 and the integration of socio-economic issues (resulting from the voting matrix of call 4)	☺ Call 4	Task team Research Program
Development of guidelines or stricter criteria for applicants of research projects	☺ new guidelines and criteria are amended to the applicants guide and principle paper	Task Team Communication and Knowledge Dissemination
Revision of different types of membership to the network	☺ revised management paper	chair + NSG
Webinar on Monitored Natural Attenuation, together with Common Forum and Nicole	☺ Spring 2013	Task Team Communication and Knowledge Dissemination
Preparation of a SNOWMAN conference 2013	☺ choice of subject	Task Team Communication and Knowledge Dissemination
Flemish-French knowledge exchange day	☺ Flemish-French knowledge exchange day has taken place and feedback has been given to the Task Team Communication and Knowledge Dissemination	Sofie Van den Bulck and Nadine Dueso

Further development of the SNOWMAN landscape by adding up information to the database which is linked to the SNOWMAN Research Program	☺ the SNOWMAN landscape version 0.2 can be consulted on the SNOWMAN website	Task Team Communication and Knowledge Dissemination
To establish common European Research Programming	☺ actions towards programming H2020 to be defined in 2013	Chair + NSG
Update the Vision paper	☺ the updated vision paper has been integrated in the management paper for 2013	Chair + NSG
Nomination and decision on Advisory Group Members for two years	☺ A new Advisory Group is installed	Kerstin Jansbo
Update of the call procedures	☺ the updated principles paper and the updated applicants' guide have been integrated in the Call 4 package	Call4 coordinator (preparation phase)
To prepare the scope of a call 4 on the relation between soil and socio-economical sciences	☺ scope of call 4	Task Team Research Program

## Task teams

The SNOWMAN network activities and responsibilities are divided among the task teams. Each task team has their own action plan. All task teams have members from the organisations of the full members.

The SNOWMAN task teams for 2012 are:

- The task team *Research Programme* – task team leader Simon Moolenaar
- The task team *Knowledge dissemination and communication* – task team leader Ingrid van Reijssen
- The task team *Advisory group* – task team leader Kerstin Jansbo
- *Call coordinator*: until the launch of Call 4 on 19<sup>th</sup> September 2012 Nadine Dueso was in charge as coordinator for the preparation phase and the procedures. She was replaced by Frédérique Cadiere in September for the execution of the 4<sup>th</sup> Call.
- All task teams and the chair are assisted by the *SNOWMAN secretariat and call secretariat* Hanny Verbakel.

## 1.1 Task team Research Programme

The task team 'Research Program' is a permanent task team of the SNOWMAN network. The activities of the task team were divided into the following tasks:

- To survey the relevance of social and economical sciences for SNOWMAN - short term
- To biannually update the SNOWMAN network research program - mid term
- To establish European research programming - long term

Members of the task team Research Program for 2012:

- Chair: Simon Moolenaar (SKB)
- Members:
  - France: Frédérique Cadière (ADEME) - 2nd half of 2012 due to pregnancy leave
  - Sweden: Kerstin Jansbo
  - Belgium: Esther Goidts/Jean-Marc Aldric (DGARNE), Joost Salomez (LNE)
  - Netherlands: Simon Moolenaar (SKB) - chair

### 1.1.1 Actions and results

For the **short term** activity: *To survey the relevance of social and economical sciences for SNOWMAN* the task team has taken up the following actions.

- review of the research program through the integration of the scopes of call 1, 2 and 3 and the integration of socio-economic issues (resulting from the voting matrix of call 4);
- to prepare the scope of a call 4 on the relation between soil and socio-economical sciences.

For the preparation of the SCOPE of the 4<sup>th</sup> call a teleconference on January 23 2012 was organised for the voting matrix. Input came from funders, NICOLE, Common Forum and other interested (potential) co-funders in Call 4. They have been asked to assign their priorities to the socio-economic issues that have been stated in the Voting matrix. During Spring u ntill June the research objectives and questions were defined as a basis for the Call 4 SCOPE which was final in August. The full SCOPE can be found in Annex 2 with more details on the achievement under Call 4.

Hier moet nog iets komen over de integraties van de scopes van call 1, 2 en 3, maar daar is Simon nog mee bezig.

For the **midterm** activity: *To biannually update the SNOWMAN network research program* the first step was to update the integration of social and economic sciences through the Call 4 actions (Voting matrix, priority issues, research objectives and questions, scope call). An activity which was achieved by the launch of the 4<sup>th</sup> Call on September 18<sup>th</sup> 2012.



The second step: update of the other aspects of the research program (mostly oriented towards natural sciences) based on the SNOWMAN Landscape inventory in order to determine the most important knowledge gaps en research needs will be undertaken in 2013 as the Landscape has not been fully filled yet.

Third step: to define additional actions to be taken in 2013, based on step 1 and 2.

For the **long term** activity: *To establish European research programming* actions have been taken to have more contact with the European research programs. Participation to several European workshops and conferences for input and SNOWMAN exposure.

In September the focus is on new European activities like HORIZON2020. The network has taken up an interest in this new network and is in touch with the organizing committee. Contacts have been made in several (funder) countries.

### 1.1.2 *Participation in Conferences and meetings*

*Soil as natural capital, promoting soil ecosystem services for a sustainable future*

The FP7 research project SOILSERVICE dissemination workshop, linking research results to policy

Wednesday Feb 29, 2012, 09.30-16.30

DG Environment, Room C, 5 Avenue Beaulieu , Brussels

Workshop *attended* by Simon Moolenaar

Joint workshop JRC – LIAISE

*Mainstreaming soil conservation into policy impact assessment – Linking Sustainability Expertise*

JRC Institute for Environment and Sustainability, Ispra Italy

24 April 2012

Workshop *attended* by Simon Moolenaar

*Conference “Soil Science in a Changing World”*

(18-22 September, 2011) – Wageningen The Netherlands

an *abstract* was sent and presented by Simon Moolenaar (poster).

*Ecosystem Services: integrating Science and Practice*

4<sup>th</sup> International ESP Conference

4 – 7 October 2011

Wageningen, The Netherlands

During Session C: Knowledge Sharing, Networking & Capacity Building Simon Moolenaar and Hans Keune had an *oral presentation* titled:

SNOWMAN: building a Community of Practice regarding applications of ES concepts in Belgium and the Netherlands.

*HORIZON2020*

Visits have been made to Christine Bunthof, Wageningen University the Netherlands to discuss the future of HORIZON2020. Christine is EU Programme Manager and Liaison Officer JPI and ERA-NET and runs the FP7 PLATFORM.

*Global Soil week, Berlin 19-21 November*

Sofie Van den Bulck has visited the Global Soil week in Berlin.

Sessions attended:

Monday 19<sup>th</sup>: Dynamic Knowledge Panel; Platform Session: The Syndrome Perspective, a focus on Soil Contamination (part I);

Tuesday 20<sup>th</sup>: Keynotes: Four keynote speeches from a policy maker, human rights, civil society and soil scientist; The Syndrome Perspective, a focus on Soil Contamination (part II);

Dialogue session: The Economics of Land Degradation (part I); Dialogue session:

Urbanisation: challenges to soil management (part II)

Wednesday 21<sup>st</sup>: Dialogue session: Challenges for intensifying international Soil Research Cooperation

## **1.2 Task team Knowledge Dissemination and communication**

The task team ‘Knowledge Dissemination and Communication’ is also a permanent task team of the SNOWMAN network. The activities of the task team were divided into the following tasks:

- Communication of SNOWMAN network activities
- Knowledge dissemination of SNOWMAN network project results
- Knowledge dissemination of existing knowledge

Members of the task team Knowledge dissemination and communication for 2012:

- Chair: Ingrid van Reijssen (SKB)
- Members:
  - France: H el ene Roussel (ADEME) – or replacement Yves Duclos
  - Sweden: Yvonne Ohlsson (SGI)
  - Belgium: Sofie Van den Bulck (OVAM)
  - Netherlands: Ingrid van Reijssen (SKB)
  - Secretariat: Hanny Verbakel

### *1.2.1 Actions and results*

**Communication of SNOWMAN network activities** (co leadership Sofie Van den Bulck)  
Communication activities regarding several SNOWMAN activities have been achieved.

- *Communication regarding the (pre) announcement and launch of Call 4 in September 2012*  
the appropriate network was informed of the call SCOPE and Documents through the SNOWMAN website

SNOWMAN newsletter

European (Netwatch, Eugris, Nicole, Common Forum) and national channels  
For the (pre-) and announcement of the call input was given by the Knowledge dissemination team, research team and network group

- *Communicate SNOWMAN project results*

Midterm and final reports finalized in 2012 will be published after approval of the Call Steering Committees on  
SNOWMAN website  
SNOWMAN newsletter

Final reports of INSPECT and Rejuvenate 2 and midterm reports of IMagH, PACMAN, IBRACS, SUSTAIN and SASSTRAT.

A questionnaire has been sent to all project coordinators in order to collect publications of the projects in magazines, publication at conferences, workshops, meetings, websites etc. The total overview in can be found in annex 4.

- *Other topics for network communication*

LinkedIn – activities of the network have been spread by LinkedIn such as activities on the call and other SNOWMAN network activities. The LinkedIn group has grown up to 139 members in one year.

French/Flemish Knowledge exchange day – 29-9-2012. The results were published in the SNOWMAN newsletter.

- *SNOWMAN meetings*

The June meeting was held in Orleans and was a face-to-face meeting with the NSG members and the INRA Soil department co-organised by Marion Bardy, former network steering group member.

The November meeting in Mechelen was a face-to-face meeting with the NSG and the Advisory group members, on day 2 also Luca Marmo was present for the European focus on soil strategy.

- *Other meetings*

The Knowledge dissemination team has helped to make a choice in meetings to attend to promote SNOWMAN network.

Meetings attended or abstracts sent in:

- 29 feb 2012 FP7 dissemination workshop Brussels, Belgium

attended by Simon Moolenaar (see Research programme)

- 26/27 April 2012, Spring 2012 Common Forum meeting in Basil, Switzerland

attended by OVAM Johan Ceenaeme

- 10/11 May, Soil policy event Brussels, Belgium

attended by SNOWMAN ambassadors Veerle Labeeuw and Johan Ceenaeme (I was ill)

- 13 June 2012, The future ERA-NET instrument under Horizon 2020, in collaboration with LEARN, Brussels, Belgium

attended by Ingrid van Reijssen

- 19/20 September 2012 NORDROCS conference Oslo, Norway

attended by Yvonne Ohlsson (SGI)

- Global Soil Week, 19-21 November Berlin, Germany visited by Sofie Van den Bulck, chair

- *Website*

The SNOWMAN website [www.snowmannetwork.com](http://www.snowmannetwork.com) is updated on a regular base with Network information on projects, agenda's for meetings, newsletters. Also

changes in network groups are updated. A part of the website has a link to the SNOWMAN team site.

- *Team site*

The SNOWMAN team site is used for sharing documents regarding internal meetings and teleconferences. A part of the team site is used by one of the Call 3 projects IMaHg for the same purpose, sharing documents. During the peer review period the team site is used by the peer reviewers to have access to the project documents and to share comments on the content.

- *Newsletter*

The newsletter is published 3-4x a year in March, June, September and possibly December. A small introduction is given in each newsletter by the chair of the Network Steering group. In March the MNA workshop of November 2011 was highlighted together with the introduction of the SNOWMAN landscape, an ambitious plan of the NSG to link SNOWMAN and natural projects together in a landscape. In June the pre-announcement of Call 4 was made and information was given on several on-going projects. September was fully devoted to the announcement of the 4<sup>th</sup> Call.

- *Posters, banners, presentations, flyer*

Poster presentations and presentations were held at by project coordinators during several meetings attended in Europe to promote the network and the project. Also the network itself promoted SNOWMAN during several European events. A flyer has been made to attract new funders and was used during the NORDROCS conference in Oslo, Norway.

### ***Knowledge dissemination of SNOWMAN network project results***

- *Final and midterm reports*

This year two Call 2 projects were finalized: REJUVENATE 2 and INSPECT. The Call 3 projects produced midterm reports: IMaHg, SUSTAIN, IBRACS and SASSTRAT.

The results of the final reports will be published on the SNOWMAN and EUGRIS website and through publication means of the projects itself.

- *Develop guidelines or stricter criteria for applicants of research projects*

In cooperation with the call coordinator the Knowledge dissemination team has developed new guidelines for the Call 4 applicants. In this way applicants will have a better view on the way they need to involve e.g. stakeholders in their projects.

- *Make inventory on knowledge dissemination activities of on-going projects*

In June a questionnaire was sent to all project coordinators in order to get an overview of the how and when knowledge dissemination activities are done within the projects. The results of the questionnaire were used to update the Applicants' Guide of the 4<sup>th</sup> Call. The results of the questionnaire are in Annex 1.

## ***Knowledge dissemination of existing knowledge***

- *Webinar on Monitored Natural Attenuation together with Common Forum and Nicole*

This webinar is still in preparation and will be held in 2013.

After the SNOWMAN workshop on natural attenuation in November 2011, it was decided to pursue on this topic and to organise an internet conference on feed backs of natural attenuation.

Unfortunately this webinar could not be held in 2012 due to both technical concerns to set up the online conference and to the necessity to build up the scientific network.

- *Webinar on Risk-assessment, differences in Sweden and the Netherlands*

A successful webinar was held in Sweden and the Netherlands. In Sweden there were 3 so called 'Hotspots' and 1 in the Netherlands. At each hotspot 20 people were gathered to exchange knowledge on risk assessment in both countries. This successful means of gathering will be promoted and used in 2013.

- *Knowledge exchange day between France and Belgium, Flanders*

The network partners ADEME and OVAM gathered at Mechelen, Flanders to have an exchange on existing knowledge between the two. This will be followed up again next year in France.

- *MNA booklet*

The material gathered for the workshop in November 2011 has been gathered.

- *Start preparation of a SNOWMAN conference in 2013 on Knowledge Exchange*

The SNOWMAN conference for 2013 is in preparation.

- *Further development of the SNOWMAN landscape*

The SNOWMAN landscape was first presented during the Kick-off call 3 and midterm meeting Call 2 in November 2011 in Paris. As a start an analyze has been made of the SNOWMAN Research Programme in relation to the SNOWMAN and national projects of the funders. The first impression of the SNOWMAN landscape has been shown by means of a Prezi.

The SNOWMAN landscape is a kind of database containing project results. The main difference of the landscape to other databases is that the search engine works with research questions instead of key words. In that way projects on the same subject can be linked. It also helps defining research gaps and it makes the researchers aware of the fact that working on SNOWMAN projects makes them part of a big research community.

Over the next period the landscape will be expanded and suggestions made at the conference will be taken into account. We will start discussions with [Nicole](#) and Common Forum to survey possible overlap in interest. There are already talks going on with [EUGRIS](#) to look for potential cooperation.

### **1.3 Task team Advisory group**

The SNOWMAN advisory group has advised and assisted the network during 2012 in several ways and has been informed on the activities of the network on a regular basis.

The Task team members are:

- Kerstin Jansbo, coordinator
- Hanny Verbakel, SNOWMAN secretariat
- Sofie Van den Bulck, chair

In January 2012 the advisory group has received the annual report 2011 and the action plans for 2012 of the Network Steering group and all task teams. The members are also informed by the SNOWMAN newsletter giving news on projects and the network 3-4x a year.

The Advisory group had their annual meeting together with the face-to-face meeting of the Network Steering group in Mechelen Belgium, Flanders on November 27<sup>th</sup>, 2012. The NSG chair Sofie Van den Bulck, presented the highlights of the SNOWMAN network during 2013 and the results of the recommendations given by the Advisory Group in 2012. For the morning session Luca Marmo of the European Commission in Brussels was invited. Luca Marmo presented the Recent developments on soil from an EU perspective. Highlighting the Resource Efficiency Roadmap, Soil Thematic Strategy Report, Guidelines on best practice to limit, mitigate or compensate soil sealing, Seventh Environment Action Programme 2012-2020.

In the afternoon the Advisory group discussed the new opportunities for the Network in 2013 and gave advice (see below). Also the new Advisory group members were installed and a farewell for members leaving the Advisory group after a period of two years.

The new (some former) Advisory group members for 2013-2014 are:

Jon Greaves,	UK former ERA Net member, chair
Luca Montarella	European commission, JRC, Italy
Dominique Darmendrail,	BRGM, France, Common Forum representative
Wouter Gevaerts,	Arcadis, Belgium, NICOLE representative
Victor Dries,	OVAM, Belgium
Huub Rijnaarts,	WUR, The Netherlands (t.b.c.)
Ton Breure,	RIVM The Netherlands
Jean Louis Morel,	INPL, France
Armelle de Bohan,	ADEME, France
Jean-Luc Peyron	ECOFOR, France
Claire Chenu	INRA, France

### 1.3.1 *Recommendations by Advisory Group 27<sup>th</sup> November 2012*

In line with the recommendations of the Advisory Group, the SNOWMAN network will carry out an investigation on the future of the network with the aim to:

- investigate the perspectives of the SNOWMAN network as a self sustained network
- to attract new partners
- to investigate possibilities for the network in the context of H2020 and the European Research Era.
- to investigate other ways of funding and transnational cooperation in new or existing programs.

# SNOWMAN NETWORK PROJECTS

Both coordinator and secretariat are responsible for the monitoring of the ongoing projects, together with the projectboards. Until the launch of the Fourth call the

## 1.4 **SNOWMAN call 2 projects**

In 2012 both Rejuvenate 2 and INSPECT will be finalized. The MCA project has been extended until December 2013, providing the costs will remain the same.

### **REJUVENATE 2**

*CROP BASED SYSTEMS FOR SUSTAINABLE RISK BASED LAND MANAGEMENT FOR ECONOMICALLY MARGINAL DEGRADED AREAS, PHASE II: DEMONSTRATION PROJECTS AND EVALUATION DECISION SUPPORT TOOL*

Research coordinator: **Yvonne Andersson-Skold**

### **INSPECT**

*INTEGRATION OF SPATIALLY EXPLICIT RISKS OF CONTAMINANTS IN SPATIAL PLANNING AND LAND MANAGEMENT*

Research coordinator: **Renaud Scheifler**

### **MCA**

*MULTI-CRITERIA ANALYSIS (MCA) OF REMEDIATION ALTERNATIVES TO ACCESS THEIR OVERALL IMPACT AND COST/BENEFIT, WITH FOCUS ON SOIL FUNCTION (ECOSYSTEM SERVICES AND GOODS) AND SUSTAINABILITY'*

Research coordinator: **Magnus Bergknut**

## 1.5 **SNOWMAN call 3 projects**

The projects ImaHg, PACMAN, SASSTRAT and SUSTAIN have delivered their midterm reports in September 2012.

### **ECOSOM**

*SOIL ORGANIC MATTER AS A KEY FACTOR IN THE PROVISION OF SOIL ECOSYSTEM SERVICES*

Research coordinator: **Sabine Houot**

### **SUSTAIN**

*SOIL FUNCTIONAL BIODIVERSITY AND ECOSYSTEM SERVICES, A TRANSDISCIPLINARY APPROACH*

**Guénola Pérès** support to Daniel Cluzeau, Research coordinator:

Between ECOSOM and SUSTAIN close cooperation has been established.

### **IMAHG**

*ENHANCED KNOWLEDGE IN MERCURY FATE AND TRANSPORT FOR IMPROVED MANAGEMENT OF Hg SOIL CONTAMINATION*

Research coordinator: **Valérie Guerin**



**PACMAN**

ASSESSMENT AND MANAGEMENT OF POLAR PACS IN CONTAMINATED SOILS AND REMEDIAL PROCESSES

Research coordinator: **Staffan Lundstedt**

**IBRACS**

INTEGRATING BIOAVAILABILITY IN RISK ASSESSMENT OF CONTAMINATED SOILS: OPPORTUNITIES AND FEASIBILITIES

Research coordinator: **Dan Berggren Kleja**

1.6 *RESULTS during 2012*

1. Final report of INSPECT (call 2)
2. Final report of Rejuvenate 2 (call 2)
3. Midterm report of IMagH, PACMAN, IBRACS, SUSTAIN and SASSTRAT
4. The Scope of the 4<sup>th</sup> Coordinated call as mentioned on the SNOWMAN website.
5. Questionnaire Knowledge dissemination results (annex 1)

## SNOWMAN NETWORK CALL

During the past year the preparation and launch of Call 4 has been one of the main efforts of the SNOWMAN network. The Call Coordinator, Nadine Dueso (ADEME) and the Call Secretariat, Hanny Verbakel (SKB) have taken care of the preparation phase until the launch of the Fourth call. After the launch of the call on September 18<sup>th</sup> 2012. Frederique Cadiere (ADEME) will be the new call coordinator, together with the secretariat Hanny Verbakel (SKB). Due to a change of job Nadine will no longer be able to be the coordinator. We thank Nadine Dueso for her contribution during the past years.

The Call Steering Committees (CSC) is the body responsible on behalf of the funding organisations for the execution of a coordinated call (from the announcement of the call to approval of the final reports). It consists of one representative per country of the coordinated call funding bodies and is chaired by an elected chair-person. The responsibilities of the Call Steering Committee (CSC) are:

- To develop and implement joint calls along the procedure presented
- To nominate the peer review team
- To check the fundability of the proposals and evaluate the "Fit to call"
- To recommend the projects to be funded
- To involve the Communication task team in the dissemination of Research Results

Project Boards (PB) are set up by the Funders for each funded project. They consist of one representative for each of the Funders who are funding a particular project. The Project Boards have the responsibility:

- to assist the Call Steering Committee for the transnational monitoring of the funded projects and to inform the Call Steering Committee, via the Call Secretariat, of any event occurring in the projects which might adversely affect delivery;
- To provide a helpdesk facility to answer questions and resolve problems raised by the research consortia, via the Call Secretariat, which cannot be solved within the project consortium itself, or between a project research partner and its national funder;
- To monitor project progress by means of review of progress reports;
- To advise the funders on the acceptability of project progress and final outputs;
- To approve any changes to contracts;
- Through the Project Board Chair, to present the collective views of the funders to the project coordinators for each project.

The 'principle decision' to have a Fourth Call was taken in January 2012 with as potential funders:

ADEME, France departments SFUSP and SAF

MEDDE, France

OVAM, Flanders Belgium

LNE, Flanders Belgium

DGARNE, Wallonia, Belgium

SKB, The Netherlands

FORMAS, Sweden

The total budget for the call is 1,8 miljoen euro.

## ANNEX 1

# QUESTIONNAIRE KNOWLEDGE DISSEMINATION APRIL 2012 - RESULTS

The SNOWMAN Knowledge Dissemination Group is making a follow up and an inventory of knowledge dissemination activities within the on-going SNOWMAN projects.  
The purpose is:

- to get an overview of how information and results are disseminated within the SNOWMAN projects
- to be able to suggest dissemination activities to on-going projects
- to be able to provide examples of dissemination activities in future calls to support applicants

**We would therefore be happy if you could answer the three questions below.**

1. What knowledge dissemination activities have you performed within the project so far (e.g. posted information on web-sites, folders, brochures, presentations, interviews, articles, etc)? Please mention the title of the information, when and where it was presented.
2. What kind of knowledge have you disseminated (project information, project results etc)?
3. Who was your target group for your dissemination activities? (e.g. other researchers, funders, stakeholders)

## Call 3

**PROJECT:** SN03-02 ECOSOM (Coordinator) Dr. Sabine HOUOT  
Organisation: Houot S, INRA  
email: [houot@grignon.inra.fr](mailto:houot@grignon.inra.fr)  
Telephone: 33130815401

### **Question 1:**

No formal dissemination activities have been performed so far. But in some informal talks with our stakeholders in Netherlands (?2012) and France (January 2012) we have started to exchange on ECOSOM project.

### **Question 2:**

We presented to them the project objectives and assessed their specific interests in our project in order to have a better idea of what to present in the brochure and workshop. We proposed to the French stakeholders to be part of the ECOSOM stakeholders committee which will meet on September in Paris. In this committee meeting, the objectives and first main results will be presented.

### **Question 3:**

Our targets are the stakeholders in the field of waste management (urban waste and water management companies) in France, Netherlands and Sweden. We plan to include the Agricultural and Environmental French ministries representatives in the French stakeholders committee and the same will be done in Netherlands and Sweden in parallel.

**PROJECT:** SN03-06 IBRACS

**Organisation:** Dan Berggren Kleja, SGI (Coordinator)

email: [dan.berggren.kleja@swedgeo.se](mailto:dan.berggren.kleja@swedgeo.se)

Telephone: +46709730178

**Question 1:**

1. A communication plan was set up and presented at the Paris work shop.
2. IBRACS home page is now open on SGI's server (<http://projects.swedgeo.se/ibracs/>)
3. Posted as NEWS on front of SGI's homepage on 29 September 2011  
([http://www.swedgeo.se/templates/SGINewsPage\\_2536.aspx?epslanguage=SV](http://www.swedgeo.se/templates/SGINewsPage_2536.aspx?epslanguage=SV))
4. Two requests on help to find appropriate research sites have been posted on an e-mail list including regional authorities. The request also included information on the project. 4 sites have been selected.

**Question 2:** So far only project information.

**Question 3:** Dissemination activity numbers, see Q1.

1. researchers, funders, stakeholders
2. researchers, funders, stakeholders
3. mainly stakeholders (authorities and Environmental engineering companies, entrepreneurs )
4. Stakeholders

**PROJECT:** SN03-08 IMaHg

**Organisation:** Guerin, BRGM Dr. Valérie GUERIN (Coordinator)

email: [v.querin@brgm.fr](mailto:v.querin@brgm.fr)

Telephone: 33238643855

**Question 1:**

- 1- at the beginning of the project an announcement on the project was made on the websites of the partners (BRGM, Claire, SGI)
- 2- a brief presentation of the project was made in November 2011 at the Nicole Working group on mercury
- 3- a presentation of the questionnaire (which is in its finalizing step) will be made in June 2012 at the Nicole Working group on mercury, afterwards the questionnaire will be sent to all contact point, we will probably ask for the help of the SNOWMAN network

**Question 2:**

- 1- project information
- 2- project information
- 3.- project information + participation via input in the questionnaire

**Question 3:**

- 1- every one - no target (except that the site is already "technical" website)
- 2- service providers, industrials and in a less extend researchers
- 3- regulator, service providers, industrials, researchers, funders

**PROJECT:** SN03-10 SAS-STRAT

**Organisation:** Stéphane Baudé, Mutadis (coordinator)

email: [stephane.baude@mutadis.fr](mailto:stephane.baude@mutadis.fr)

Telephone: 0033148018872

**Question 1:**

Publication of a specific webpage dedicated to the SAS STRAT project on the coordinator webpage (<http://www.mutadis.org/index.php/recherches/127-sas-strat.html>). This contains a general presentation of the project, a news page, pages presenting each of the 3 case studies of the project and a page dedicated to the deliverables.

**Question 2:**

- 1.General information about SAS-STRAT project
- 2.Presentation of the 3 case studies of the project (dedicated webpage for each case study).
- 3.News about the project.

**Question 3:** Stakeholders, researchers, general public.

**PROJECT: SN03-11 PACMAN**

**Organisation:** Staffan Lundstedt, Umeå University (Coordinator)

email: [staffan.lundstedt@chem.umu.se](mailto:staffan.lundstedt@chem.umu.se)

Telephone: +46907866654

**Question 1:** The project has been presented on the SNOWMAN website and the EUGRIS web portal. The activities within the project have also been presented orally at Umeå University, Umeå Sweden on March 15, 2012 and at the analytical company ALS Scandinavia in Stockholm on January 30 2012. Information about the project have also been spread via contacts (personal, telephone and e-mail) with local and national authorities, collaborating research institutes and companies.

**Question 2:** Project information and joint planning of activities.

**Question 3:** Stakeholders and authorities that later may use the outcomes of the project.

**PROJECT: SN03-14 SUSTAIN (Coordinator) Guénola Perez - NO REACTION**

## **Call 2**

### **MCA**

**Organisation:** Magnus Bergknut, Umeå University

email: [magnus.bergknut@chem.umu.se](mailto:magnus.bergknut@chem.umu.se)

Telephone: +46738436784

**Question 1:**

- 1.Presentations and posters: September 2010 , Denmark , NORDROCS 2010 3rd Joint Nordic Meeting on Remediation of Contaminated Sites International conference ,
2. Poster: Incorporating soil services in multi-criteria analysis of remediation alternatives September 2010 , Sweden , Northern Sweden remediation centre (MCN),
3. Presentation: SNOWMAN – MCA December 2010 , France , Joint meeting SOLENV project ,
4. Presentation: SNOWMAN – MCA January 2011 , Sweden , FRIST competence centre (Forum for Risk Investigation and Soil Treatment): Sustainable management of contaminated sites, a workshop on future methods , Presentation: Soil function in the assessment of sustainability February 2011 , Sweden , Clean Soil Network -
- 5.Workshop: Research on soil processes with potential application for contaminated soils , Presentation: Soil Functions and Services June 2011 , USA , EPA/TEI International Sustainable Remediation Conference 2011 ,
6. Presentation: Integrating the soil function concept and multi-criteria analysis for sustainable

remediation of contaminated land March 2012, Sweden, Clean Soil Network Spring Meeting. Presentation: Soil Functions - How to assess the effect by remediation on soil functions?  
7. Workshop: May 2011, Sweden, The SNOWMAN-MCA International workshop on sustainable remediation and soil functions and services,  
8. Workshop organised by the SNOWMAN-MCA project Publication: December 2011 (submitted). Volchko et al. Incorporating the Soil Function Concept into Multi-Criteria Decision Analysis for Sustainable Remediation, (a Literature review + how to incorporate into MCA-framework). Submitted for peer-review in Environmental Management. Planned Participation: The 2nd International Conference on Sustainable Remediation 2012 November 14 – 16, 2012 in Vienna, Austria

**Question 2:** Information about the SNOWMAN-network, project information and project results

**Question 3:** Stakeholders, researchers, funders

## **REJUVENATE 2 - Yvonne Andersson-Sköld**

Organisation: Yvonne Andersson-Sköld, SGI (Swedish Geotechnical Institute)

email: [yvonne.andersson-skold@swedgeo.se](mailto:yvonne.andersson-skold@swedgeo.se)

Telephone: +46709730167

### **Question 1:**

#### **- Peer reviewed publications: •**

Suer, P. and Andersson-Sköld, Y. (2011). Biofuel or excavation? – Life cycle assessment (LCA) of soil remediation options. Biomass and Bioenergy, Volume 35, Issue 2, 969-981. •

Bardos, P., Bone, B., Andersson-Sköld, Y., Suer, P., Track, T. and Wagelmans, M. (2011).

- Crop-based systems for sustainable risk-based land management for economically marginal damaged land. Remediation Journal, Volume 21, Issue 4, pages 11–33.

#### **Presentations:**

- Flyer • Flyer –

- Presentation of Rejuvenate and the applied ecological risk assessment approach.

- Oral presentations • Green Remediation 2009, Copenhagen, Denmark:

- Presentation R1 and start of R2 Copenhagen 2009.pdf. •

- Naturvårdsverket Forskningsdagar för journalister, Sweden, 19th January, 2011,

- Rejuvenate – Solrosor och Salix på förorenad mark (in Swedish). •

- Nätverket Renare Mark, Vårmöte, Sundsvall, 14th April, 2011, Solrosor eller Salix på

förorenad mark. • OVAM, Mechelen, May 3rd, 2011, Economic aspects of crop selection for phytoremediation purpose and the production of biofuel. • Andersson-Sköld, Y., Bardos, P.,

Crutu, G., Enell, A., Georgescu, P.D., Hoppenbrouwers, M., Track, T., Vanheusden, B., Wagelmans, M., Witters, N., 2011,

- Rejuvenate – Biomass on marginal land, International conference on land quality and land use information in the European Union, Keszthely, Hungary, 26-27 May, 2011.

- Proceedings. pp 319-329. • Andersson-Sköld, Y., Bardos, P., Björkman, P., Crutu, G., Enell, A., Georgescu, P.D., Hemström, K., Hoppenbrouwers, M., Polland, M., Suer, P., Track, T., Vanheusden, B., Wagelmans, M., 2011,

- Biofuel on contaminated land – A sustainable contribution to reach carbon goals?

International conference on the biogeochemistry of trace elements, 11, ICOBTE 2011,

Florence, July 3-7, 2011. - - -Proceedings Publdata 2011, 2 p. • Georgescu, P.D., Panturu, E.,

Crutu, G., Ciuciu, S., 2011,

- Use of Contaminated Land in Romania for Obtaining Biofuel Specific Crops, CISA 2011

(International Conference of Applied Science), Bacau-Romania, 28-30 April 2011. • Suer, P.,

- Andersson-Sköld, Y., Blom, S., Bardos, P., Polland, M., Track, T., 2010,
- Biofuel on contaminated land – life cycle environmental consequences, International UFZ-Deltares/TNO conference on soil groundwater and sediment,
  - ConSoil 2010, 11, Salzburg, Austria, September 22-24, 2010. Proceedings 8p. • Wagelmans, M., Andersson-Sköld, Y., Enell, A., Vestin, J., Bardos, P., Crutu, G., Georgescu, P.D., Hoppenbrouwers, M., Vanheusden, B., Witters, N., Track, T., 2012,
  - Sustainable risk-based land management on polluted sites, 6th SETAC World Congress /
  - SETAC 22nd Europe Annual Meeting: Securing a sustainable future: Integrating science, policy and people, Berlin, 20-24 May, 2012.
- **Preprint.**
- Poster presentations •
  - Poster presented at ConSoil 2010 and Nordrocs 2010. •
  - Poster presented at EGU, (European geological union), Vienna, 2010. Biofuel on contaminated land – LCA. •
  - Poster presented at BMPC (Balkan Mineral Processing Congress), Tuzla-Bosnia&Hertzevovina, 14-17 June 2011: Specific Cultures for The Purpose of Obtaining Biofuels by Limiting The Migration Process of Heavy Metal Ions, P.D. Georgescu, E.Panturu, Gh.Crutu, S. Ciuciu. •
  - Poster presented at ELCAS 2011 (2nd International Exergy, Life Cycle Assessment and Sustainability Symposium), Nisyros Island-Greece, 19-21 June 2011: Phytoremediation of Degraded Soils by Utilising Crops Specific to Biofuel Production, P.D.Georgescu, E.Panturu, Gh.Crutu, S. Ciuciu. - Poster presented at RICCCCE 2011 (17th Romanian International Conference on Chemistry and Chemical Engineering), Sinaia-Romania, 7-10 September 2011: Crops Specific to Degraded Fields for The Purpose of Obtaining Biofuel in Romania, P.D. Georgescu, Gh. Crutu, E. Panturu, S. Ciuciu, N. Groza, Y. Andersson-Skold, A. Enell.
- Reports:
- • Midterm report of Rejuvenate2. Andersson-Sköld, Y., Crutu, G. Enell, A., Georgescu, P-D, Hoppenbrouwers, B., Vanheusden, M., Wagelmans, M., Witters, N., 2011, REJUVENATE , Crop Based Systems for Sustainable Risk Based Land Management for Economically Marginal Degraded Land, Phase 2 Mid Term Report.
  - • Legal and economic aspects of crops selection for phytoremediation purposes and the production of biofuel. Vanheusden et al., (2012)
  - • Project Research Report Rejuvenate 2-year 2010, UEFISCDI, Bucharest 2010, P.D.Georgescu, Gh.Crutu, V.Ciocan, E.Panturu. . Popular: International • Reviewing Rejuvenate, International Innovation. Disseminating Science, Research and Technology Publdata 2011, no 4, pp 59-61. Belgium • Bernard Vanheusden, 2012, Snowman network and Rejuvenate, in OVAM.link Creativiteit baant de weg naar duurzaamheid afval-, bodem- en duurzaam materialenbeleid voor de professional, Editie 8, March 2012, [www.ovam.be](http://www.ovam.be)
  - Swedish branch papers
  - • Energiskog renar industrimark, SVT.se, 11-01-26.
  - • Energiskog ska sanera fabriksmark, Lantbrukets affärstidning, 11-01-25. • Energiskog till sanering, E-magasin 5 STT, 5/2011.
  - • Salixodling kan sanera Utansjöfabriken, Allehanda, Härnösand. 24 januari, 2011. • Solrosor renar giftig mark, Ren Landsbygd 2011. WEB-page:<http://projects.swedgeo.se/r2/> Reference group meetings (Sweden) Workshop (Reading, UK, March 2012) with related projects Presentation Snowman Network, Paris, dec. 2011

## Question 2:

Year 1: Project information,

year 2- project results (the whole Rejuvenate project) and primary results on phase 2

### Question 3:

Stakeholders (the remediation branch, journalists, energy branch): oral presentations, popular presentations and popular publications, reference group,

Other researchers (remediation branch and bioenergy branch) (conferences (oral and poster presentations), peer review, reference groups, workshop reading),

Funders (midterm report, presentations at Snowman net work meetings): All: Flyer, Web page

## INSPECT

Results sent by Renaud Scheifler

### 1.7

#### *Communication plan - INSPECT - d.d. May 2012*

- Stakeholder meetings

- 2010. van den Brink N., Bervoets L., Scheifler R. A tool for spatially explicit assessment of ecological risks of contaminants to wildlife (BERISP-DSS). Sustainable approaches to remediation of contaminated land in Europe, 8-10 June, Gent, Belgium.

- 2012. Stakeholder workshop at OVAM, Mechelen, 12 March 2012. At this workshop, the DSS was presented to stakeholders. The stakeholders could also “play” with the DSS in order to familiarise themselves with the program. One participant took along a new case study, that was used in the workshop.

- 2012. Stakeholder workshop 2012 SKB, Gouda, 14 March 2012. This was a workshop similar to the workshop at 12 March in Mechelen. This workshop attracted 21 participants, from consultancies to policy makers and environmental managers. In the morning the participants were introduced to the DSS, in the afternoon computers with the DSS were available for people to get to know the DSS.

- Scientific meetings

- 2011. Fritsch C. Quels outils pour l'évaluation des risques pour les écosystèmes terrestres liés à des terrains contaminés? (“*What tools to assess environmental risk on contaminated lands in terrestrial ecosystems?*”). “Groupe ERE” meeting, 27-28 September, Paris, France. The main aim of this seminar was to promote the transfer of knowledge, tools and methods developed through several scientific research programmes to French end-users (French administrations (DREAL for instance), national public agencies (ADEME for instance), stakeholders, industrial and consultancy companies).

- 2011. Scheifler R., Fritsch C., Raoul F., Cœurdassier M., Giraudoux P. Landscape ecotoxicology: state of the art and perspectives. IALE 8<sup>th</sup> World Congress, 18-23 August, Beijing, China.

- 2011. Fritsch C., Giraudoux P., Cœurdassier M., Raoul F., Scheifler R. Landscape modulates transfer and effects of metallic trace elements in small mammals. IALE 8<sup>th</sup> World Congress, 18-23 August, Beijing, China.

- 2011. van den Brink N., Bervoets L., Baveco H., Fritsch C., Scheifler R. Circumnavigating risks of environmental contamination in spatial planning by the use of spatially explicit risk assessment procedures. IALE 8<sup>th</sup> World Congress, 18-23 August, Beijing, China.

- 2011. Fritsch C., Giraudoux P., Cœurdassier M., Raoul F., Vaniscotte A.,



Scheifler R. *Le paysage module le transfert et les effets de polluants métalliques chez les micromammifères*. 4<sup>ème</sup> Séminaire d'Ecotoxicologie de l'INRA, 7-9 November, Saint-Lager, France.

○ A session entitled "Landscape ecotoxicology and spatially explicit risk assessment: from field data to modeling and regulatory implementation" was proposed to the organizing committee of the SETAC Europe 22<sup>nd</sup> Annual Meeting / 6<sup>th</sup> SETAC World Congress to be held in Berlin (Germany), 20-24 May 2012. The session was proposed by Andreas Focks (Alterra, Wageningen, The Netherlands), Mira Kattwinkel (UFZ, Leipzig, Germany) and Clémentine Fritsch (Chrono-environnement, Besançon, France). The session has been accepted but merged with two other session proposals dealing with similar topics. The final title of the session is "Landscape ecotoxicology and spatially explicit risk assessment", with Andreas Focks (Alterra, Wageningen, The Netherlands), Ben Kefford (UTS, Sydney, Australia) and Ralf Schaefer (University Koblenz Landau, Landau, Germany) as co-chairs. Presentations dealing with INSPECT results will be proposed.

○ 2012. van den Brink N.W., Fritsch C., Roggeman S., de Winter W., Baveco H., Scheifler R., Bervoets L. Accumulation of trace metals in a complex world, validation of a spatially explicit model: BERISP. 6<sup>th</sup> SETAC World Congress / SETAC Europe 22<sup>nd</sup> Annual Meeting, 20-24 May, Berlin, Germany. (*Accepted for a platform communication*).

- Website

The website ([www.berisp.org](http://www.berisp.org)) has been updated.

- Scientific articles (except the first one, see below, all these articles explicitly mention the INSPECT programme and SNOWMAN Call 2 funding)

○ van den Brink, N., Lammertsma, D., Dimmers, W., Boerwinkel, M.-C., van der Hout, A., 2010. Effects of soil properties on food web accumulation of heavy metals to the wood mouse (*Apodemus sylvaticus*). *Environmental Pollution*, 158: 245-251. This article is based on work and data funded by INTERREG III and supports the development of BERISP.

○ van den Brink, N., Lammertsma, D., Dimmers, W., Boerwinkel, M.-C. 2011. Cadmium accumulation in small mammals: species traits, soil properties, and spatial habitat use. *Environmental Science & Technology*, 45: 7497-7502.

○ Cœurduassier M., Fritsch C., Faivre B., Crini N., Scheifler R. 2012. Partitioning of Cd and Pb in the blood of European blackbirds (*Turdus merula*) from a smelter contaminated site and use for biomonitoring. *Chemosphere*, 87: 1368-1373.

○ Fritsch C., Cœurduassier M., Faivre B., Giraudoux P., van den Brink N.W., Scheifler R. Influence of landscape composition and diversity on contaminant flux in terrestrial food webs: a case study of trace metal transfer to European blackbirds *Turdus merula*. *Submitted to Science of the Total Environment*.

○ van den Brink N., Fritsch C., Roggeman S., de Winter W., Baveco H., Bervoets L., Scheifler R. Accumulation of heavy metals in a complex world, validation of a spatially explicit model: BERISP. *In preparation*.

○ Boshoff M. et al. Effect of soil characteristics on the transfer of metals from soil to two plant species. *In preparation*.

○ Boshoff M. et al. Metal accumulation in a simplified terrestrial food chain along a metal pollution gradient. *In preparation*.

○ Roggeman S. et al. Relationships between soil metal levels and health of large

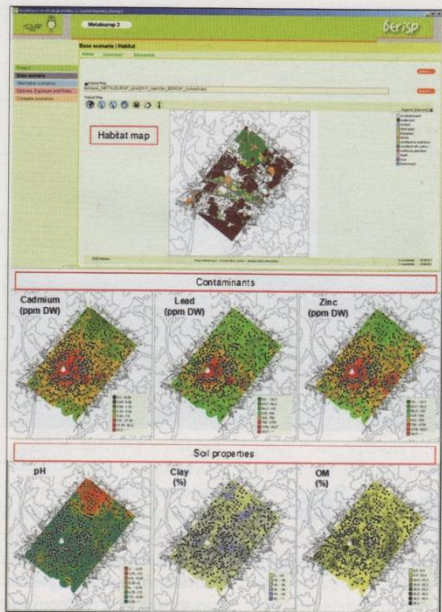
grazers. *In preparation.*

- Articles in stakeholder journals

- Article published (copy in attached file) in the January / February 2012 issue of *Environnement Magazine*. *Environnement Magazine* is the most spread journal dealing with the environment in France, and is intended for professionals from this economic sector.

## Évaluer le risque d'un site contaminé

**Sites pollués** > Le logiciel Berisp permet d'établir des cartes du risque que représente un site pollué en métaux pour la faune et de tester rapidement différents scénarios de remédiation. Gratuit, ce logiciel fournit des informations utiles aux gestionnaires de sites pollués.



### Interface du logiciel

**Berisp** qui montre, pour le site de Metaleurop Nord, la carte des habitats (en haut), la carte des points de prélèvements de sols et l'interpolation des concentrations en cadmium, plomb et zinc (au milieu), ainsi que les cartes de trois propriétés physico-chimiques des sols - pH, concentration en matière organique et en argile (en bas).



Le logiciel gratuit Berisp évalue le risque environnemental d'un site pollué. En tenant compte du niveau de pollution de chaque habitat naturel - prairie, forêt, friche -, il calcule et localise le risque pour des espèces animales cibles, en fonction de leurs préférences d'habitat et de leur comportement de nourrissage. Dans le cadre du programme de recherche européen Inspec, les domaines d'application de Berisp se sont étendus. « *Initialement développé pour estimer le risque que représente un site pollué en cadmium (Cd) pour la chouette chevêche, ou chevêche d'Athéna, il fonc-*

*tionne désormais sur le cuivre (Cu) et le zinc (Zn) et pour le merle noir, le faucon crécerelle et le bétail, vaches et chevaux* », annonce Renaud Scheifler, enseignant-chercheur à l'université de Franche-Comté, coordonnateur du programme Inspec. Avec ces espèces cibles supplémentaires, plus abondantes en France que la chevêche d'Athéna, cette nouvelle version du logiciel s'annonce plus pertinente en termes de gestion des sites et sols pollués français.

### Dans cette seconde version,

les données concernant le régime alimentaire des espèces cibles et de leurs proies ont été complétées. « *Cette notion est un élément important du modèle. En effet, les variations de régime alimentaire peuvent influencer drastiquement l'exposition des animaux aux polluants* », précise Clémentine Fritsch, post-doctorante sur ce programme. Des prédictions issues de la première version du logiciel ont été validées sur les 40 km<sup>2</sup> du site français de Metaleurop Nord. Les tests sont en cours pour la seconde version. Et, déjà, les chercheurs travaillent à développer Berisp pour les pollutions au plomb et aux PCB.

Le logiciel calcule le risque sur la base d'une carte d'occupation du sol et de données de pollution des sols. Des informations concernant les propriétés du sol (pH, matière organique, granulométrie) peuvent également être ajoutées. « *Contrairement aux modèles courants de transferts de polluants dans les chaînes alimentaires, Berisp*

*ne donne pas une estimation globale du risque à l'échelle du site, mais permet de localiser les zones où l'exposition est la plus forte* », souligne Clémentine Fritsch. Cette évaluation spatialement explicite permet de savoir où porter les efforts de dépollution éventuels. Les résultats se présentent sous forme de cartes d'exposition, exprimée en fonction du taux d'ingestion de polluant, et de risque, exprimé en fonction de seuils toxicologiques au niveau individuel ou populationnel. La précision géographique du résultat dépend de celle des données d'entrée.

Par ailleurs, Berisp permet de tester différents scénarios de réhabilitation. Est-il préférable de changer l'occupation du sol ou de modifier les paramètres pédologiques? Est-il nécessaire de traiter la pollution? « *Le logiciel permet de créer et de comparer très facilement et très rapidement une dizaine de solutions alternatives de gestion* », précise Clémentine Fritsch. De plus, « *trois sites d'étude référencés dans le logiciel, en Belgique, aux Pays-Bas et en France, permettent de s'exercer avant d'étudier son propre site* », note Renaud Scheifler. Si, en France, les gestionnaires de sites ne sont pas tenus de réaliser une évaluation des risques pour l'environnement, ils peuvent trouver dans Berisp un outil complémentaire d'aide à la décision. ● FD

### Contact

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tél. 03 81 66 57 40,  
[www.berisp.org](http://www.berisp.org)

## **ANNEX 2**

# **LIST OF DOCUMENTS PRODUCED BY THE NETWORK STEERING GROUP NSG**

- **Action plan NSG 2012**
- **Letter of Commitment Network group**
- **Meetings NSG**
  - Face to face meeting at INRA in Orleans, France - June 14-15th
  - Face to face meeting at OVAM in Mechelen, Flanders, Belgium, November 26-27<sup>th</sup> together with the Advisory Group
- **Teleconferences NSG**
  - January 24<sup>th</sup> – decision call 4
  - February 14<sup>th</sup> – preparation call 4
  - March 19<sup>th</sup> – SWOT analysis, knowledge dissemination webinar, ongoing projects
  - April 16<sup>th</sup> – scope and budget call 4, ongoing projects
  - May 15<sup>th</sup> - preparation June meeting Orleans
  - September 10<sup>th</sup> - AquaConsoil, H2020, webinar, projects
  - October 8<sup>th</sup> – preparation November meeting
  - December 18<sup>th</sup> – wrap up

## **Task Team Research Programme**

- **Action plan 2012**
- **Scope of the 4<sup>th</sup> Coordinated call**
  - TC January 23<sup>rd</sup> - on the scope of the 4<sup>th</sup> call
- **Inventory of national priorities**

## **Task Team Knowledge dissemination and Communication**

- **Action plan 2012**
- **SNOWMAN ambassadors at the conferences and meetings**
- **Teleconferences in 2012**
  - January 19<sup>th</sup> – on general ppt for SNOWMAN activities, planning newsletters, webinar
  - February 24<sup>th</sup> – Newsletter March, Applicant's Guide, webinar
  - March 13<sup>th</sup> – pre-announcement call 4, landscape inventory wishes
  - April 3<sup>rd</sup> – questionnaire, meetings to attend, newsletter
  - May 3<sup>rd</sup> – brochure, webinars, newsletter
  - June 8<sup>th</sup> – newsletter 4<sup>th</sup> call announcement, meetings, webinars
  - September 4<sup>th</sup> - announcement call 4, webinar
  - November 6<sup>th</sup> – Aquaconsoil, webinar, action plan 2013, final newsletter
- **3 Newsletters: March, June, September**
- **Knowledge exchange day: OVAM and ADEME**
- **Swedish Dutch webinar**
- **General SNOWMAN presentation for ambassadors**
- **Brochure for new funders**

## **Advisory group**

- **Face to face meeting with the Advisory Group members at OVAM Mechelen, Flanders 26-27<sup>th</sup> November**
- **New advisory members installed**
- Presentation on highlights SNOWMAN network by chair Sofie Van den Bulck
- Presentation by Luca Marmo
- Advice given by the Advisory Group during the meeting on priorities to set for the SNOWMAN network in 2013

## **SNOWMAN Fourth coordinated Call**

- **Teleconferences:**
  - January 23<sup>rd</sup>** – on the voting matrix
  - May 15<sup>th</sup>** – scope of the call, call documents, call secretariat, budget, call road map
  - June 7<sup>th</sup>** – decision on the scope text, final documents, budget, pre-announcement
  - June 28<sup>th</sup>** – final call package
  - December 18<sup>th</sup>** – first selection of peer reviewers, final peer review guide
- **Launch of the 4<sup>th</sup> call on September 18<sup>th</sup> – closure December 17<sup>th</sup>**
- **Scope, Pre-announcement, announcement text**

Annex 3

## FINANCIAL REPORT SNOWMAN SECRETARIAT

<i>Hours spent by secretariat January 2012 - December 2012 for the Network Secretariat</i>						
<i>Budget</i>						<b>27.900,00</b>
<i>1st quarter 2012</i>	<i>hrs</i>	<i>136,50</i>	<i>rate</i>	<i>61,00</i>		<i>8.326,50</i>
<i>2nd quarter 2012</i>	<i>hrs</i>	<i>182,50</i>	<i>rate</i>	<i>61,00</i>		<i>11.132,50</i>
<i>3rd quarter 2012</i>	<i>hrs</i>	<i>102,00</i>	<i>rate</i>	<i>61,00</i>		<i>6.222,00</i>
<i>4th quarter 2012</i>	<i>hrs</i>	<i>58,50</i>	<i>rate</i>	<i>61,00</i>		<i>3.568,50</i>
					<b>Total</b>	<b>29.249,50</b>
<i>From external costs (approved by NSG)</i>						
<i>External costs for the Network Secretariat 2012</i>						
<i>Budget</i>						<b>12.020,00</b>
<i>Spent</i>						<i>4.625,53</i>
<i>Expexted costs</i>						<i>4.000,00</i>
<i>Budget left</i>						<b>3.394,47</b>
<i>Hours spent by secretariat starting 01-07-2009 for Call 2 secretariat</i>						
<i>Budget</i>		<b>517</b>				<b>30.000,00</b>
<i>3rd quarter 2009</i>	<i>hrs</i>	<i>19</i>	<i>rate</i>	<i>58</i>	<i>1.102,00</i>	
<i>4th quarter 2009</i>	<i>hrs</i>	<i>19,5</i>	<i>rate</i>	<i>58</i>	<i>1.131,00</i>	
<i>1st quarter 2010</i>	<i>hrs</i>	<i>67</i>	<i>rate</i>	<i>60</i>	<i>4.020,00</i>	
<i>2nd quarter 2010</i>	<i>hrs</i>	<i>14,5</i>	<i>rate</i>	<i>60</i>	<i>870,00</i>	
<i>3rd quarter 2010</i>	<i>hrs</i>	<i>0</i>	<i>rate</i>	<i>60</i>	<i>0,00</i>	
<i>4th quarter 2010</i>	<i>hrs</i>	<i>11</i>	<i>rate</i>	<i>60</i>	<i>660,00</i>	
<i>1st quarter 2011</i>	<i>hrs</i>	<i>1</i>	<i>rate</i>	<i>61</i>	<i>61,00</i>	
<i>2nd quarter 2011</i>	<i>hrs</i>	<i>23</i>	<i>rate</i>	<i>61</i>	<i>1.403,00</i>	
<i>3rd quarter 2011</i>	<i>hrs</i>	<i>37,5</i>	<i>rate</i>	<i>61</i>	<i>2.287,50</i>	
<i>4th quarter 2011</i>	<i>hrs</i>	<i>61,5</i>	<i>rate</i>	<i>61</i>	<i>3.751,50</i>	



1st quarter 2012	hrs	0	rate	61	0,00	
2nd quarter 2012	hrs	4	rate	61	244,00	
3rd quarter 2012	hrs	6	rate	61	366,00	
4th quarter 2012	hrs	32	rate	61	1.952,00	
					<b>total</b>	17.848,00
Remaining budget until 31-12-2013						12.152,00

<b>Hours spent by secretariat starting 01-07-2010 for Call 3 secretariat</b>						
Budget		400				25.000,00
preparation 15 June - 15 Sep '10		53	rate	60	3.180,00	
3rd quarter 2010	hrs	58,5	rate	60	3.510,00	
4th quarter 2010	hrs	65,5	rate	60	3.930,00	
1st quarter 2011	hrs	131,5	rate	61	8.021,50	
2nd quarter 2011	hrs	35	rate	61	2.135,00	
3rd quarter 2011	hrs	0	rate	61	0,00	
4th quarter 2011	hrs	8	rate	61	488,00	
1st quarter 2012	hrs	0	rate	61	0,00	
2nd quarter 2012	hrs	0	rate	61	0,00	
3rd quarter 2012	hrs	0	rate	61	0,00	
4th quarter 2012	hrs	2	rate	61	122,00	
					<b>total</b>	21.386,50
Remaining budget until 31-3-2014						4.235,50
External costs call 3						
Budget						2.853,31
Spent						1.002,52
Budget left						1.850,79

<b>Hours spent by secretariat starting 15-09-2012 for Call 4 secretariat</b>						
Budget		400				25.600,00
3rd quarter 2012	hrs	14	rate	64		896,00
4th quarter 2012	hrs	18	rate	64		1.184,00
					<b>total</b>	2.080,00
Remaining budget until end of projects						<b>23.520,00</b>
External costs Call 4						9.250,00

