

# **International SURF Groups and Partners**

**10<sup>th</sup> June 2014**

**1pm GMT + 1**

**FINAL**

## **Representatives:**

- SuRF-NL : Hans Slenders/Laurent Bakker (Chair)
- SuRF-Canada : Francois Beaudoin
- SuRF-Italy : Claudio Albano
- SuRF-Taiwan: Erica Chiang
- Secretariat : Nicola Harries CL:AIRE

## **Apologies received:**

- SuRF-ANZ : Garry Smith
- SURF-USA : Nick Garson
- NICOLE : Lucy Wiltshire/Sarah Mackay
- SuRF-UK : Jonathan Smith
- SuRF Brazil : Sanders Eskes
- Representing China : Mengfang Chen
- Representing Japan : Ryuzo Tazawa

## **AGENDA**

### **Topic/Desired Outcome**

- 1 Welcome**
- 2 Recent progress updates**
- 3 Conferencing opportunities – Recent & upcoming**
- 4 Actions to drive consistency between SuRF initiatives**
- 5 Special topic of interest:**
  - Inventory EU legislation
- 6 Any Other Business**
- 7 Next meeting**

ITEM		ACTION
1.	<p><b>Welcome</b></p> <p>Laurent Bakker (LB) welcomed everyone and attendees confirmed they were happy with the agenda. LB provided a short introduction on the purpose of the SURF meetings being for cross country connections and for the promotion of international collaboration on sustainable remediation.</p>	
2.	<p><b>Introductions</b></p> <p>Everyone present gave a quick update on the different SuRF Groups and Partners current initiatives and work that they were undertaking in relation to sustainability. For those networks unable to join the call, NH was asked to contact them to obtain an update for the notes to be as comprehensive as possible.</p> <p><b><u>SuRF-NL</u></b></p> <p>Hans Slenders (HS) provided an update on SuRF-NL. He explained that SuRF-NL do not get funds from the Dutch government so their work is low profile, however industry had provided a small amount of funding to start working on technical guidance on sustainable use of soils in a broader context of soil quality management. It is aimed to be published later this year/early 2015 and will be hosted by SKB (Netherlands Centre for Soil Quality Management and Knowledge transfer).</p> <p><b><u>SuRF-Canada</u></b></p> <p>Francois Beaudoin (FB) on behalf of Stella Karnis (SK) explained that SuRF-Canada recently had a face to face meeting in Ottawa. At the workshop they discussed the recently published ASTM standard on Sustainable Remediation and how SuRF-Canada could work with it. They were aware that the ASTM promotes the use of Best management Practices however not all of these would directly be applicable in Canada. Therefore it was felt that SuRF-Canada will probably produce some additional guidance/direction on how to use the ASTM standard as there was some concern that it may lead to confusion. SuRF-Canada felt it was important to acknowledge the publication of the document as ASTM has international recognition.</p> <p>FB also explained that SuRF-Canada is still exploring ways to collaborate and they confirmed that they plan to work with SuRF-USA specifically in relation to sharing case studies and stakeholder engagement. SuRF-Canada are also planning to work more closely with the Canadian Brownfield Network as they too have similar interests.</p> <p>FB confirmed that SuRF Brazil/NICOLE through Olivier Maurer has also been in touch to look at ways that they can engage.</p> <p>SuRF-Canada has had some recent success in better engagement with some of their provincial government officials as their regulations are risk based. This work is on going.</p> <p><b><u>SuRF-ITALY</u></b></p> <p>Claudio Albano (CA) explained that SuRF-Italy continues to work on the SuRF-Italy White Paper which they hope to finish soon. It will contain 12 case studies (not all Italian examples) showing key elements of how sustainability could be measured whilst undertaking remediation. They</p>	NH

	<p>are all retrospective as SuRF-Italy does not currently have its own framework. The White Paper is in its internal review stage and they hope to share with the wider network at the end of June/early July 2014. SuRF-Italy is also working hard organising SustRem 2014 in Ferrara, Italy. They have received 90 abstracts and they are currently finalising the programme.</p> <p>CA also explained that SuRF-Italy has been providing training on Masters courses in association with Rome University on Sustainable Remediation Appraisal.</p> <p>SuRF-Italy are continuing to work on stakeholder engagement with public authorities both regionally and nationally..</p> <p><b><u>SuRF-UK</u></b>  Nicola Harries (NH) on behalf of Jonathan Smith (JS) explained that since the last meeting SuRF-UK had published the Phase 3 work which included the development of an assessor kit to carry out a simple tier 1 sustainability assessment and carrying out the development of a series of Sustainability Management Practices aligned with the already published indicator sets. SuRF-UK also published a bulletin summarising the Phase 3 work and updated its SuRF-UK web pages on the CL:AIRE website.</p> <p>All SuRFs were notified of the release of Phase 3 work. SuRF-UK is also still actively seeking other case studies to publish.</p> <p><b><u>SURF-Taiwan</u></b>  Erica Chaing confirmed that SuRF-Taiwan continues to be supported by the Taiwanese Environmental Protection Agency. SuRF-Taiwan has developed a website and will provide a link for the SuRF International web page to link to. SuRF- Taiwan has carried sensitivity testing of its sustainability tool on the three case study sites. This work was presented at Battelle in May 2014 and it is hoped to be presented at SustRem Ferrara, Italy.</p> <p>EC explained that the Taiwanese Environmental Protection Agency develops the policies around Green and Sustainable Remediation (GSR) and SuRF-Taiwan work with the EPA to implement the policies in a practical way.</p> <p><b><u>NICOLE</u></b>  Hans Slenders (HS) explained that he and Laurent Bakker have taken over as joint chairs of NICOLE Working Group on Sustainable Remediation as it was felt that this provided the continuity with the international SuRF work. NICOLE requires joint chair of a service provider and problem holder. They are still to appoint a problem holder. Most of NICOLE's work is now complete with the finishing off and publication of a series of case studies, a road map and joint position statement with the Common Forum which has now been published in six different languages by local representatives. Other activities involve tracking the ISO initiative and promoting communication across the user communities about sustainable remediation. The Sustainable Remediation working group will continue to meet as there is still a lot of enthusiasm to continue to be active as a group but they do not envisage to be publishing anything new in the near future.</p> <p>Claudio Albano asked if copies of the position statement could be printed and made available for the SustRem conference in Ferrara. It was</p>	<p>SuRF-Taiwan</p>
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	<p>agreed that this would be possible. Hans Slenders and Claudio Albano will co-ordinate with the NICOLE secretariat.</p> <p><b><u>SuRF-ANZ (update provided post meeting)</u></b></p> <p>SuRF ANZ this year is planning to hold capital city workshops across Australia featuring SuRF activities and sustainable remediation theory and practice.</p> <p>SuRF ANZ is coordinating a workshop on sustainable remediation at ECOFORUM with Paul Nathanail (speaking on the ISO) and Matt Vanderkooy (Geosyntec and SuRF US) on practical implementation of sustainable mediation methodologies.</p> <p>SuRF ANZ is also sponsoring a conference session (papers presented) on Sustainable remediation with Michaye McMaster (Geosyntec/SuRF) presenting the keynote on sustainable remediation theory and practice (Geosyntec are a gold sponsor of SuRF ANZ) at ECOFORUM.</p> <p><b><u>JAPAN (Update provided post meeting)</u></b></p> <p>Ryuzo Tazawa explained that a Sustainable Remediation Forum (SuRF-Japan) isn't founded yet, but, consultants, contractors carrying out the investigation and countermeasures and regulatory activities are very interested in Sustainable Remediation and its concepts. Recently, a Working Group has started to study Sustainable Remediation &amp; Green and Sustainable Remediation, in GEPC (Geo Environmental Protection Center). This working group are investigating and discussing the potential of a Sustainable Remediation framework in Japan. With time it is hoped that SuRF Japan will form.</p> <p><b><u>SURF – US (Update provided post meeting)</u></b></p> <p>SuRF- US attended the first National Green and Sustainable Remediation Forum on June 3rd 2014 in Washington DC where USEPA, US Department of Defense, US Dept of Energy, ITRC, SRI and SURF all met together.</p> <p>The purpose of the forum was to understand each other's current definitions and understanding of Green and Sustainable Remediation (GSR), to develop common understanding of language and concepts of GSR/G/SR and share/find common goals. The attendees identified challenges to reaching these goals and identified first steps in planning to overcome these challenges. USEPA agreed to discuss internally and circulate a draft GSR/G/SR vision statement for all federal programs. The attendees all agreed to meet again in a future partnership/workshop to discuss future collaboration. It was a very successful meeting.</p> <p><b>All other SURF Networks/representative bodies were not on the call but have been invited to provide updates on their activities.</b></p>	HS/CA
3.	<p><b>Conferencing opportunities:</b></p> <ul style="list-style-type: none"> <li>■ SustRem 2014, Italy – 17-19<sup>th</sup> September 2014</li> <li>■ Remediation of Contaminated Sites – NORDROCS, Sweden 15-18<sup>th</sup> September 2014</li> <li>■ HOMBRE TIMBRE GREENLAND CABERNET conference, Germany – 13 – 17th October 2014</li> <li>■ Ecoforum, Australia 29<sup>th</sup>-31<sup>st</sup> October 2014 –</li> <li>■ Soil and Groundwater Remediation, EPA Taiwan – 24<sup>th</sup> – 26<sup>th</sup></li> </ul>	

	<p>November 2014</p> <ul style="list-style-type: none"> <li>■ AquaConsoil, Denmark – June 2015</li> </ul> <p><b>SustRem 2014</b></p> <p>CA provided an update on the organisation of the SustRem conference as part of SuRF Italy.</p> <p>Garry Smith would strongly support the concept of a SuRF Chairs and Presidents panel session at SustRem similar to that at Battelle. The latter showcased SuRF capabilities and informed participants about key opportunities and roadblocks. It would be good at SustRem to discuss cross-SURFs experience in topics such as the psychological/jurisdictional aspects affecting SR uptake and the ISO.</p> <p>CA to look at the programme to see if a panel discussion can be arranged.</p> <p><b>ECOFORUM</b></p> <p>Sustainable Remediation has high profile at the ECOFORUM conference. See SuRF ANZ update for further details.</p>	CA
4.	<p><b>Actions to Drive Consistency between SURF Initiatives</b></p> <p><b>Update on ISO on Sustainable Remediation (ISO/TC 190/SC 7/WG 12)</b></p> <p>Laurent Bakker provided an update on the development of the ISO standard. He explained that a number of conference calls have taken place and the first draft has been circulated by Paul Nathanail. Paul Nathanail is now taking on board comments, removing duplication, reordering and improving the structure and will be recirculating a final draft in July to allow review and comment by Technical Experts within each country.</p> <p>The Standard provides guidance on sustainable remediation. In particular, it provides:</p> <ul style="list-style-type: none"> <li>– a standard terminology and information about the key components and aspects of sustainable remediation assessment.</li> <li>– Informative advice on the assessment of the relative sustainability of alternative remediation strategies.</li> </ul> <p>The final draft version will be formatted into an ISO template and submitted to the Technical Committee (TC) 190/Sub Committee (SC) 7. It will then be voted and commented on by SC 7 and discussed at TC 190 meeting in October in Berlin. If approved it would then be adopted and published as a technical specification. After 3 years, it would be reviewed with possible revisions and then finalised to a full standard.</p>	
5.	<p><b>Special topic of interest:</b></p> <ul style="list-style-type: none"> <li>■ Inventory EU Legislation</li> </ul> <p>Unfortunately Jonathan Smith was unable to join the call to present its research project that Shell Global Solutions has been undertaking on</p>	

	<p>reviewing Environmental EU and UK legislation that refers to sustainable remediation practices. Hans Slenders explained that URS on behalf of Shell had presented their initial findings at the last NICOLE workshop. It demonstrated that much of the recently published European environmental legislation and UK adopted legislation has links to sustainable practices.</p> <p>NH will request to Jonathan Smith (JS) if the presentation given to NICOLE can be appended to these notes and circulated to the other SuRF members.</p> <p>NH explained that she believes that this piece of research once finalised and signed off will be published by SuRF-UK and NICOLE and will then be freely available.</p> <p><b>***POST MEETING NOTE***</b></p> <p>JS felt that it would be better to present more fully on the research to the SURF International groups to ensure that the context is set before sharing the slide set. JS agreed to present at the next meeting.</p> <ul style="list-style-type: none"> <li>■ International Branding of the SuRF network</li> </ul> <p>No discussion was had as Garry Smith (GS) had nominated this subject to be discussed. NH was asked to follow up with GS.</p> <p><b>***POST MEETING***</b></p> <p>Garry Smith confirmed that he felt that the international SuRF organisations should consider preparing a logo which symbolises the voluntary 'federation' of the different organisations so that governments and practitioners may appreciate the international status of our collaborations i.e. our scale geographically and jurisdictionally. The branding might also support the application of the ISO and also promote sustainable remediation uptake and funding support by organisations such as the UN.</p> <p>As a number of SuRF Networks were unable to attend the call, it was felt that this item should be carried over for discussion for the next meeting.</p> <ul style="list-style-type: none"> <li>■ Research Project: Reviewing and contrasting different international frameworks</li> </ul> <p>NH explained that Professor Paul Bardos of r3 would like to invite the SuRF International community to engage in a piece of research that a student who he is supervising is working on. Erika Rizzo is a PhD associate at the University of Venice, Italy. She is examining sustainable remediation as part of her studies. As part of this secondment she and Paul Bardos will be reviewing all of the frameworks and initiatives that Paul has recently collated for the Battelle conference, to provide a more in depth technical paper that can be published in a journal. This would analyse these on a compare and contrast basis to look for points of consensus, the degree of consensus and where approaches begin to diverge. They would like to explore any divergence as well.</p> <p>SuRF Italy and SuRF Netherlands confirmed that they would be happy to be contacted and involved. NH will follow up with the other networks to see if they are interested in being involved.</p>	<p>NH</p> <p>NH</p> <p>NH</p> <p>NH</p>
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<b>6.</b>	<b>AOB</b>  <b>Next meeting</b>  It was agreed that the next meeting should be held at SustRem Ferrara, Italy as the majority of the SuRF Networks will be represented. CA will coordinate a time and date for people to meet and communicate with NH.	CA/NH
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