

Time 9:00–10:00, 18 October 2018  
Place Tarfala room (T433), Geoscience Building, Stockholm University

Attending board members *Cynthia de Wit, Chair*  
*Magnus Breitholtz, Dep. of Environmental Science and Analytical Chemistry, St. Uni.*  
*Rodrigo Caballero, Dep. of Meteorology, Stockholm University*  
*Ove Eriksson, Dep. of Ecology, Environment and Plant Sciences, St. Uni.*  
*Caroline Greiser, Student representative, Stockholm University*  
*Dan Henningson, KTH Royal Institute of Technology*  
*Bengt Karlsson, Dep. of Zoology, Stockholm University*  
*Erik Kjellström, Rossby Centre, Swe. Meteorological & Hydrological Inst, from §6*  
*Gia Destouni, Dep. of Physical Geography, Stockholm University*  
*Carl-Magnus Mörth, Dep. of Geological Sciences, Stockholm University*  
*Johannes Morfeldt, Swedish Environmental Protection Agency*

Other participants *Nina Kirchner, Co-Director of the Bolin Centre*  
*Annika Burström, Coordinator & Communicator of the Bolin Centre*  
*Karin Jonsell, Bolin Centre Coordinator & Communicator*

Absent *Alasdair Skelton, Co-Director of the Bolin Centre*

Secretary *Karin Jonsell*

§ 1	<b>Meeting opens</b>  The Chair welcomed everyone.
§ 2	<b>Appointment of protocol writer</b>  Karin Jonsell was appointed as protocol writer.
§ 3	<b>Appointment of protocol checker</b>  Caroline Greiser was appointed as attester.
§ 4	<b>Approval of the agenda</b>  The agenda for this meeting was approved with an addition of: § 7 j) Invitation to lunch with the ESAG. § 8 a) Other business: Discussion of the ESAG report § 8 b) Other business: Arne Johansson, KTH Royal Institute of Technology will step down as substitute for Dan Henningson
§ 5	<b>Protocol from the previous meeting (Appendix 1)</b>  The protocol from the previous meeting was approved.
§ 6	<b>Discussion about developing a future strategy for the Climate Research School</b>  The Board discussed the need for a future strategy for the Climate Research School, CRS.

	<ul style="list-style-type: none"> <li>• The Board assigned the task to evaluate the current status of the CRS and how it is perceived by PhD students, director of studies at different departments, etc to the Directorate. The report should be delivered in May 2019.</li> <li>• The Board tasked the Directorate to draft a strategy for the CRS, together with Viktoria Arwinge, Head of Economy and Personnel at the Dept. of Geological Sciences. The draft should be delivered in May 2019, or soon thereafter.</li> <li>• Based on the above mentioned report and draft, the Board will discuss the future strategy for the CRS at their meeting in May/June 2019.</li> </ul>
§ 7	<p><b>Information</b></p> <p>a) <i>We welcome Johannes Morfeldt back to the Bolin Centre Board</i> Johannes Morfeldt, representative on the Bolin Centre Board for the Swedish Environmental Protection Agency, was welcomed back.</p> <p>b) <i>Fernando Jaramillo is appointed as new Research Area 3 Co-leader and Frederik Schenk is appointed as new Research Area 5 Co-leader</i> Nina Kirchner announced the selection of Fernando Jaramillo from the Dept. of Physical Geography, Stockholm University was appointed as new Co-leader for Research Area 3, and that Frederik Schenk from the Dept. of Geological Sciences, Stockholm University, was appointed as new Co-leader for Research Area 5.</p> <p>c) <i>Bolin Centre's new by-laws</i> Stockholm University is in the process transferring by-laws for all university centre's into a common template. The by-laws of the Bolin Centre are in final form but the Vice-Chancellor has not yet formally approved them.</p> <p>d) <i>Vinnova application</i> The Bolin Centre has sent in an application for the Vinnova call <i>Innovationer för ett hållbart samhälle – 2018</i>, see Appendix 2. The project title for the application is “Innovation for Environmental Footprinting”. The application was submitted on 2 October and a decision from Vinnova will be announced on 15 November.</p> <p>e) <i>General programme for the Bolin Days</i> The general programme for the Bolin Days 21–22 November 2018 can be seen in Appendix 3. Four overarching topics were chosen by the SAG and a call has been issued to all members to submit titles for talks to the session chairs. The Board members are invited to register for the event, see <a href="https://bolin.su.se/index.php/bolin-days">https://bolin.su.se/index.php/bolin-days</a>.</p> <p>f) <i>Bolin Centre participation at the AGU conference at Stockholm University</i> The American Geophysical Union plans a conference at Stockholm University 18–21 March 2019, called the <i>Geoscience and Society Summit</i>. The Bolin Centre will sponsor this conference with outbreak rooms etc. The form of Bolin Centre participation in the conference is still under discussion.</p> <p>g) <i>Division of responsibilities between the Faculty and the Bolin Centre regarding the Bert Bolin Climate Lecture.</i> The Faculty of Science has agreed to the proposal by the Bolin Centre Board to divide the responsibilities for the Bert Bolin Climate Lecture according to §8 in the Bolin Centre Board meeting protocol from 2018-08-22.</p> <p>h) <i>Number of nominations for the Bert Bolin Climate Lecturer 2019</i> The number of nominations for the Bert Bolin Climate Lecture 2019 is 9. Alasdair Skelton and Nina Kirchner will start the process of producing a short list. If a recommendation must be made before the next board meeting on Nov 23, they will send out their final ranking for a per capsulum recommendation by the board to the faculty.</p>

	<p>i) <i>Annual Report 2017</i> The Bolin Centre Report 2017 is now available in print and distributed among the Board members. The digital form can be found here <a href="https://bolin.su.se/images/pdf_18/BolinCentre_Report2017.pdf">https://bolin.su.se/images/pdf_18/BolinCentre_Report2017.pdf</a>.</p> <p>j) <i>Invitation to lunch with ESAG</i> The Board members are invited to lunch with the ESAG 11:30–12:30 on 23 November at the Faculty Club at Frescati, Stockholm University. The lunch precedes the board meeting the same day. Please email to Karin Jonsell, <a href="mailto:karin.jonsell@su.se">karin.jonsell@su.se</a>, if you would like to attend.</p>
§ 8	<p><b>Other business:</b></p> <p>a) <i>Discussion of the ESAG report</i></p> <p>The Board discussed the report of the External Science Advisory Group again and how the ESAG can advise the Bolin Centre in the future.</p> <p>The ESAG needs more information to facilitate the advice given to the Bolin Centre. The Board is pleased with the Directorate’s effort in this regard with the sending of Board protocols to the ESAG, as well as the Bolin Centre Report 2017 and the ESAG-Directorate meeting held before the Bolin Days. The Board suggests that the ESAG should meet with the Science Advisory Group during the Bolin Days, as this is considered beneficial. The Board also suggest that future reports could include more in depth information from the research areas as well as bibliometric statistics. Time is too short to do this for this year’s Bolin Days, but this should be discussed by the Board early enough next year to give guidance and enough preparation time for next year’s Bolin Days.</p> <p>The Board also discussed the possibility of the ESAG to focus, in forthcoming reports, on direct questions asked by the Bolin Centre.</p> <p>b) <i>Arne Johansson, KTH Royal Institute of Technology will step down</i> Arne Johansson, KTH Royal Institute of Technology, will step down as substitute for Dan Henningson. Dan Henningson will send in the name of the new alternate member to the Bolin Board chair who will then send it for recommendation by the Faculty Dean who sends it to the Vice Chancellor of Stockholm University for approval.</p>
§ 9	<p><b>Next meetings</b></p> <p>The next Board meeting will be 13–16 on 23 November in the Tarfala room (T433) in the Geoscience Building at Stockholm University. The meeting will be preceded by a lunch with ESAG, see § 7j.</p>

Karin Jonsell  
Secretary

Caroline Greiser  
Attester

Cynthia de Wit  
Chair of the Board



Board Meeting  
Protocol  
2018-08-22

Bolin Centre  
for Climate Research

Time 22 August 2018, 13:30–15:30  
Place Swedish Meteorological and Hydrological Institute (SMHI), Norrköping

Attending board members *Cynthia de Wit, Chair*  
*Magnus Breitholtz, Dep. of Env. Sci. and Anal. Chemistry, St. U., via skype*  
*Ove Eriksson, Dep. of Ecology, Environment and Plant Sciences, Stockholm Uni.*  
*Caroline Greiser, Student representative, Stockholm University*  
*Arne V. Johansson, KTH Royal Institute of Technology*  
*Bengt Karlsson, Dep. of Zoology, Stockholm University*  
*Erik Kjellström, Rossby Centre, Swedish Meteorological and Hydrological Inst*  
*Regina Lindborg, Dep. of Physical Geography, Stockholm University*  
*Carl-Magnus Mörrth, Dep. of Geological Sciences, Stockholm University*  
*Rodrigo Caballero, Dep. of Meteorology, Stockholm University*

Other participants *Alasdair Skelton, Co-Director of the Bolin Centre*  
*Annika Burström, Coordinator & Communicator of the Bolin Centre*  
*Karin Jonsell, Bolin Centre Coordinator & Communicator*

Absent *Pelle Boberg, Swedish Environmental Protection Agency*  
*Nina Kirchner, Co-Director of the Bolin Centre*

Secretary *Karin Jonsell*

§ 1	<b>Meeting opens</b>  The Chair welcomed everyone.
§ 2	<b>Appointment of protocol writer</b>  Karin Jonsell was appointed as protocol writer.
§ 3	<b>Appointment of protocol checker</b>  Erik Kjellström was appointed as attester.
§ 4	<b>Approval of the agenda</b>  The agenda for this meeting was approved with three additions under item 9:  9 d) Date for the Bolin Days set to 21–22 November 2018 9 e) CORDEX conference's request for funding from the Bolin Centre 9 f) SMS conference 10 October 2018 at the Bolin Centre
§ 5	<b>Protocol from the previous meeting (Appendix 1)</b>  The protocol from the previous meeting was approved.
§ 6	<b>Discussion of the ESAG report from the Bolin Days 2017 (Appendix 2 )</b>  The report from the External Science Advisory Group (ESAG) in Appendix 2 was discussed. Members of the ESAG had different opinions regarding the inclusion of former EkoKlim science

	<p>in the Bolin Centre. Camille Parmesan had a dissenting view on some aspects of the report. Concerns were raised that the funding for the research in RA1–RA6 will diminish in the future when EkoKlim funding ceases and that RA7 and 8 need better integration into the work of the other RA groups in order to not spread the funding too thinly. The ESAG recommend that strategic planning be initiated to deal with this. The board discussed this and concluded that the merger of EkoKlim and the Bolin Centre has been successful and that the way forward is to aim for further funding.</p> <p>The ESAG is also concerned about the standard of the research presented by Research Area 3 (Hydrosphere, Cryosphere and Climate, RA3) at the Bolin Days. They suggested transferring some aspects of the science topic to other research areas. The Directors and co-leaders of RA3 have begun discussing this feedback from the ESAG. These discussions will continue this autumn.</p> <ul style="list-style-type: none"> <li>• The ESAG also suggested that the Bolin Centre introduce focus regions and/or focus themes. This has been discussed in the Bolin Centre before and the Board suggests that one day of the Bolin Days be dedicated to a special focus area, e.g. the Arctic.</li> <li>• The ESAG proposed that they be consulted in the process of choosing new directors for the Bolin Centre. The board declined this proposition as the ESAG is an external advisory group and not directly involved in the running of the centre.</li> </ul>
<p>§ 7</p>	<p><b>Recommendation of future leadership of the Bolin Centre to the dean of the Faculty of Science (Appendix 3)</b></p> <p>Alasdair Skelton and Nina Kirchner are both willing to continue as directors of the Bolin Centre, but to allow for the possibility that there may be others interested and suitable for the role, Cynthia de Wit asked the Science Advisory Group and the Bolin Centre board to send suggestions of potential candidates to her.</p> <p>Cynthia de Wit received three other nominations for the directorship: Erland Källén, Martin Jakobsson and Sara Cousins. All three were contacted and asked whether they were interested in taking on this task starting in January 2019. All three declined but expressed that they were honoured to have been nominated.</p> <ul style="list-style-type: none"> <li>• The board therefore recommends that the Dean of the Natural Science Faculty recommend to the Vice Chancellor that Nina Kirchner be appointed <i>föreståndare</i> (Co-Director) and Alasdair Skelton <i>biträdande föreståndare</i> (Co-Director) for the Bolin Centre for the period 1 January 2019–31 December 2021.</li> <li>• The chair will contact Nina Kirchner and confirm the shift in the directorship. If Nina Kirchner wishes to continue as <i>biträdande föreståndare</i>, Alasdair Skelton will be recommended as <i>föreståndare</i>.</li> </ul>
<p>§ 8</p>	<p><b>Proposal that the Bolin Centre offers to take over administrative responsibility for the annual Bolin Lecture from the Faculty</b></p> <p>The Bolin Centre is heavily involved in the selection process and planning of the Bert Bolin Climate Lecturer every year. The Faculty of Science officially administrates, funds and hosts the event, but the organisation of the Lecturer’s visit is in practice a co-arrangement with the Bolin Centre. The Directors of the Bolin Centre therefore proposed that the administration of the Bert Bolin Climate Lecture is transferred to the Bolin Centre from the Faculty.</p> <ul style="list-style-type: none"> <li>• The chair will contact the Faculty and make a suggestion that the Bolin Centre take responsibility for the organisation and administration of the Bert Bolin Climate Lecture. Thus, the division of labour is suggested to be as follows:</li> </ul>

	<ul style="list-style-type: none"> <li>○ Bolin Centre: <ul style="list-style-type: none"> <li>▪ Pre-selection process ending in a short list of candidates for the Bert Bolin Climate Lecture</li> <li>▪ New: Administration of the lecturer's visit</li> <li>▪ Organisation of the science seminar in connection to the visit</li> <li>▪ Organisation of the science lunch with the Bolin Centre board</li> <li>▪ New: Organisation of the Bert Bolin Climate Lecture with invitation to schools</li> <li>▪ New: Organisation of the Bert Bolin Climate Lecture dinner with invitation to selected scientists</li> </ul> </li> <li>○ Faculty: <ul style="list-style-type: none"> <li>▪ Dean selects the Bert Bolin Climate Lecturer from a short list</li> <li>▪ Provide funding for the travel and accommodation of the Lecturer, rent for location with fika and the costs for the following dinner for the Lecturer.</li> </ul> </li> </ul>
§ 9	<p><b>Information</b></p> <p>a) <i>Final adjusted strategic funds from the government (Appendix 4)</i> The final budget figures for the strategic funding (SFO) can be seen in Appendix 4. The budget has been increased by 1.84 % for the Bolin Centre including the EkoKlim funding.</p> <p>b) <i>Bibliometric analysis for the Bolin Centre during 2017 (Appendix 5)</i> As part of the Bolin Centre Report 2017, the Stockholm University Library did a bibliometric analysis of the Bolin Centre. The analysis shows among other things, the Bolin Centre's large international collaboration.</p> <p>c) <i>Bolin Centre report for 2017 (Appendix 6)</i> Karin Jonsell presented the newly developed Bolin Centre Report 2017. This is the first time such a report has been produced and it is a presentation both of what the centre is and what it has achieved during 2017. The report will be available in digital form from the Bolin Centre web page and printed in 100 ex.</p> <p>d) <i>Date for the Bolin Days</i> Date for the Bolin Days is set to 21–22 November 2018 and a board meeting will be held 23 November 13–16.</p> <p>e) <i>CORDEX conference request for funding from the Bolin Centre</i> The CORDEX conference was held at Stockholm University 2016 and has approached the Bolin Centre with a request for funding their next conference in Beijing. The Bolin Centre will reply that unfortunately neither manpower nor extra funding is available at the moment.</p> <p>f) <i>Svenska Meteorologiska Sällskapet, SMS, conference at the Bolin Centre</i> The Bolin Centre will co-sponsor the conference organized by Svenska Meteorologiska Sällskapet about the IPCC 1.5 degree report. The seminars will be held at Stockholm University 10 October 13–16.</p>
§ 11	<p><b>Next meetings</b></p> <p>The next board meetings will be determined by a Doodle, but there will be one meeting in October, one on 23 November 13–16, and one in December.</p>



# Ansökan till Vinnova

## Diarienummer

Diarienummer saknas.

## Klarmärkt

2018-10-02 06:52

## Utlysning

Innovationer för ett hållbart samhälle - 2018

## PROJEKTUPPGIFTER

Är ansökan en fortsättning på tidigare projekt, ange diarienummer i fältet nedan.

0 / 20 tecken

### Projekttitel \*

Innovation för beräkning av miljöavtryck

36 / 100 tecken

### Projekttitel på engelska \*

Innovation for environmental footprinting

38 / 100 tecken

### Start av projekt för vilket bidrag sökes \*

2018-12-01

### Slut av projekt för vilket bidrag sökes \*

2022-11-30

### Svensk projektsammanfattning \*

Projektets syfte är att förse konsumenter och organisationer med den kunskap de behöver för att bidra till att uppfylla två av de Globala Målen: Mål 12 - Hållbar konsumtion och produktion och Mål 13 - Bekämpa klimatförändringarna.

Projektet kommer att bidra till utveckla en banbrytande metod för att utvärdera och kommunicera produkters och organisationers miljöavtryck, så kallad Environmental Footprinting (EF). EF är ett initiativ från den Europeiska kommissionen som syftar till att skapa en harmoniserad metod för miljömärkning. Vårt bidrag är att säkerställa att EF-metoden grundas på de senaste rönen inom klimat- och miljöforskning. Detta kommer att uppnås genom att forskare vid Bolincentret för klimatforskning arbetar tillsammans med ansvariga vid Naturvårdsverket som utvecklar EF-metoden.

Vårt projekt föreslår ett innovativt sätt att göra Bolincentrets senaste vetenskapliga resultat som normalt enbart rapporteras i vetenskapliga tidskrifter och endast är tillgängliga för andra forskare - tillgängliga för de som ansvarar för utvecklingen av EF-metoden på Naturvårdsverket. Vår innovation riktar sig till vetenskapens "gräsrotter" forskarutbildningen. Vi kommer att utbilda en ny typ av doktorand som kommer att tränas i att bli både forskare och kommunikatör. Doktoranden kommer att lära sig EF-vetenskap från forskare från Bolincentret. Från Naturvårdsverket kommer de att lära sig hur de kommunicerar denna vetenskap till berörda intressenter. Detta kommer leda till att ny forskning omedelbart kan tillämpas för att förbättra EF-metoden.

Vi söker stöd för 3 doktorander (75%), handledning, projektledning, kommunikation av resultat samt till innovationsutveckling.

1452 / 1500 tecken

### Engelsk projektsammanfattning \*



The overall purpose of this project is to empower consumers and organisations with the knowledge they need to contribute effectively towards meeting the United Nation's Agenda 2030 Sustainable Development Goals 12 - Responsible Production and Consumption and 13 - Climate Action.

Specifically, we will contribute to a ground breaking initiative by the European Commission which aims to create a harmonised method for assessing and communicating the environmental impacts of products and organisations - environmental footprinting (EF).

Our contribution will be to ensure that EF design is founded on fundamental climate and environmental science. This will be achieved by scientists at the Bolin Centre for Climate Research working together with stake holders engaged in EF design at the Environment Protection Agency (EPA).

In our project, we propose an innovative way of making the latest scientific findings of the Bolin Centre - normally be reported solely in scientific journals which are only accessible to other scientists - immediately available to stakeholders engaged in EF design at the EPA. Our innovation is to target the "grass roots" of science - research training. We will train a new kind of PhD student - educated to be a scientist and a communicator at the same time. The PhD students will be taught EF science by scientists from the Bolin Centre and taught how to communicate this science by the stakeholders from the EPA who can ensure that this science can act immediately to improve EF design.

Funds are sought for 3 PhD students (75%), supervision, project management, communication of findings to stakeholders and innovation development.

1403 / 1500 tecken

**Mål för projektet \***

The overall aim of this project is to empower consumers and organisations with the knowledge they need to choose environmentally friendly products and services.

137 / 150 tecken

**Sekretess**

Finns uppgifter om affärs- och driftsförhållanden som skulle kunna leda till skada om de offentliggörs

Nej



## KLASSIFICERING

Uppgifterna om klassificering används för att analysera, följa upp och utvärdera statliga insatser inom FoU. Uppgifter som ni anger här kommer inte ingå i vår bedömning.

Det går att göra max tre val per klassificering. Ange den viktigaste först.

### **Klassificering av behovsområde \***

- 07 Miljö

### **Klassificering av forskningsområde \***

- 1.5.02 Miljövetenskap (Samhällsvetenskapliga aspekter under 507)
- 1.5.01 Klimatforskning
- 1.5.07 Naturgeografi

### **Klassificering av produktområde \***

- 10.89 Andra livsmedel
- 14.19 Andra kläder och tillbehör
- 35.11 Elektricitet



KOORDINATORNS FIRMATECKNARE/PREFEKT

Person	Arbetsplats
<p><b>Magnus Mörth</b></p> <p>E-post <b>magnus.morth@geo.su.se</b></p> <p>Direktelefon</p> <p>Mobil</p> <p>Kön <b>Man</b></p> <p>Födelseår <b>1959</b></p>	<p><b>Institutionen för geologiska vetenskaper</b></p> <p>Organisation <b>Stockholms universitet</b></p> <p>Organisationsnummer <b>202100-3062</b></p> <p>Adress</p> <p><b>106 91</b> <b>Stockholm</b></p> <p>Telefon <b>0703369876</b></p> <p>Kommun <b>Stockholm</b></p> <p>Land <b>Sverige</b></p>

Endast Visningsexemplar

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Endast Visningse

KOORDINATORNS PROJEKTLEDARE

Person	Arbetsplats
<p><b>Alasdair Skelton</b></p> <p>E-post <b>alsdair.skelton@geo.su.se</b></p> <p>Direktelefon</p> <p>Mobil</p> <p>Kön <b>Man</b></p> <p>Födelseår <b>1968</b></p>	<p><b>Institutionen för geologiska vetenskaper</b></p> <p>Organisation <b>Stockholms universitet</b></p> <p>Organisationsnummer <b>202100-3062</b></p> <p>Adress</p> <p><b>106 91</b> <b>Stockholm</b></p> <p>Telefon <b>0767707699</b></p> <p>Kommun <b>Stockholm</b></p> <p>Land <b>Sverige</b></p>

Endast Visningsexemplar

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## BUDGETERADE KOSTNADER OCH STÖD

 Totalt

	2018	2019	2020	2021	2022	Summa
Personalkostnader	0	1 029 754	1 545 182	1 545 744	532 487	4 653 167
Utrustning, mark, byggnader	0	0	0	0	0	0
Konsultkostnader, licenser m.m	0	0	0	0	0	0
Övriga direkta kostnader inkl. resor	44 166	516 977	510 465	510 465	467 926	2 049 999
Indirekta kostnader	0	514 877	772 591	772 872	266 244	2 326 584
<b>Totala kostnader</b>	<b>44 166</b>	<b>2 061 608</b>	<b>2 828 238</b>	<b>2 829 081</b>	<b>1 266 657</b>	<b>9 029 750</b>

Projektets finansiering	2018	2019	2020	2021	2022	Summa
Varav sökt bidrag från Vinnova	44 166	2 061 608	2 828 238	2 829 081	1 266 657	9 029 750
Varav andra finansörer	0	0	0	0	0	0
Varav egen finansiering	0	0	0	0	0	0
<b>Total finansiering</b>	<b>44 166</b>	<b>2 061 608</b>	<b>2 828 238</b>	<b>2 829 081</b>	<b>1 266 657</b>	<b>9 029 750</b>


<b>Projektets beräknade stödnivå</b>	<b>100.0%</b>
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## Koordinerande projektpart (koordinator)


 Stockholms universitet *Institutionen för geologi och geokemi (202100-3062)*

	2018	2019	2020	2021	2022	Summa
Personalkostnader	0	1 020 574	1 531 137	1 531 418	519 092	4 602 221
Utrustning, mark, byggnader	0	0	0	0	0	0
Konsultkostnader, licenser m.m	0	0	0	0	0	0
Övriga direkta kostnader inkl. resor	22 083	244 535	234 302	234 302	214 777	949 999
Indirekta kostnader	0	510 287	765 568	765 709	259 546	2 301 110
<b>Totala kostnader</b>	<b>22 083</b>	<b>1 775 396</b>	<b>2 531 007</b>	<b>2 531 429</b>	<b>993 415</b>	<b>7 853 330</b>

Finansiering	2018	2019	2020	2021	2022	Summa
Sökt bidrag från Vinnova	22 083	1 775 396	2 531 007	2 531 429	993 415	7 853 330
Andra finansörer	0	0	0	0	0	0
 Egen Finansiering	0	0	0	0	0	0
<b>Total finansiering</b>	<b>22 083</b>	<b>1 775 396</b>	<b>2 531 007</b>	<b>2 531 429</b>	<b>993 415</b>	<b>7 853 330</b>

 <b>Beräknad stödnivå</b>	<b>100.0%</b>
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Endast Visningsexemplar

Endast Visningse

exemplar



## BILAGOR

### Obligatoriska bilagor

#### Projektbeskrivning

Max 10 sidor, om inte annat anges i utlysningssinformationen.

(IHS project description v.docx) Projektbeskrivning .pdf

#### CV

CV för nyckelpersoner, max 3 sidor totalt, om inte annat anges i utlysningssinformationen.

(CVs\_IHS.pdf) CV.pdf

### Ej obligatoriska bilagor

#### Övriga bilagor

(pictures.pdf) Övriga bilagor \_1.pdf

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## FÖRHANDSGRANSKA OCH KLARMARKERA

Du har fyllt i en ansökan till utlysningen **Innovationer för ett hållbart samhälle - 2018**.

När du är färdig med ansökan måste den klarmarkeras.

Ansökan kommer automatiskt att bli registrerad hos Vinnova när utlysningen stänger. Registreringen kan ta upp till några timmar. Efter att ansökan registrerats skickas en bekräftelse via e-post till dig som står för användarkontot, projektledare och firmatecknare/prefekt.

I normalfallet går det att låsa upp ansökan fram till dess att utlysningen stänger, ändra i den och sedan klarmarkera den igen.

Om det längst upp i ansökan står "Klarmarkerade ansökningar registreras dagligen kl xx" eller "Klarmarkerade ansökningar registreras: ååmmdd" kommer ansökan att registreras vid denna tidpunkt och därefter inte gå att låsa upp.

Ansökningar som kompletteras på Vinnovas begäran skickas in direkt.

Ifyllt av

### Förnamn

Alasdair

### Efternamn

Skelton

### E-postadress

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# Welcome to the 10<sup>th</sup> Bolin Days!

We are proud to welcome you to the 10<sup>th</sup> Bolin Days with four cross-disciplinary sessions and an invited seminar by the MERGE collaboration. This year the thematic sessions are Arctic Climate, Impacts of extreme weather events & climate change, Climate & environmental change and Climate & biota. The poster sessions are a nice way to form new interesting collaborations and there will be a poster competition for PhD students. The Bolin Centre Database team will be present as well as our modelling coordinators, the Climate Research School, the mentoring scheme organisers, the coordinator for the Bolin Centre Climate Arena and the Bolin Centre booth with give-aways. We also warmly welcome you to participate in the final dinner followed by a ceilidh with live music.

## Wednesday, November 21

Nordenskiöld room and foyer, Geoscience building, Stockholm University

09:00–10:00	<b>Opening of the 10<sup>th</sup> Bolin Days</b> <i>Opening Ceremony</i> <i>The early history of the Bolin Centre</i> <i>Bolin Centre Database</i> <i>Modelling coordination</i> <i>Climate Research School</i> <i>Mentoring programme</i> <i>The Bolin Centre Climate Arena</i>	Nina Kirchner Johan Kleman Henning Rodhe Anders Moberg Anna Lewinschal HC Hansson Agatha de Boer Elisabeth Däcker
10:00–10:30	<b>Fika</b> <i>Poster viewing, booths for the database and mentoring programme</i>	
10:30–12:30	<b>Arctic climate</b>	Frida Bender & Torben Königk
12:30–13:30	<b>Lunch with sandwiches</b> <i>Poster viewing, booths for the database and mentoring programme</i>	
13:30–15:30	<b>Impacts of extreme weather events &amp; climate change</b>	Arvid Bring & Regina Lindborg
15:30–17:30	<b>PICO Poster Presentations &amp; poster competition</b> <i>Refreshments for purchase and Bolin Centre give-aways</i>	Alasdair Skelton

**Thursday, November 22**

Nordenskiöld room and foyer, Geoscience building, Stockholm University

09:00–09:15	Coffee & tea	
09:15–09:30	Invited presentation: The House of Science	Charlotte Flodin
09:30–11:30	Climate & environmental change	Gustaf Hugelius & Malin Kylander
11:30–12:30	Lunch with sandwiches <i>Poster viewing, booths for the database and mentoring programme</i>	
12:30–13:30	Invited seminar: MERGE <i>Presentation of Modelling the Regional and Global Earth system, MERGE, in Lund</i>	Paul Miller
13:30–14:00	Fika <i>Poster viewing, booths for the database and mentoring programme</i>	
14:00–16:00	Climate & biota	Helen Coxall & Johan Ehrlén
16:00–16:15	Closing remarks <i>Presentation of poster competition winners</i>	Alasdair Skelton
16:15–17:00	Refreshments	
17:00–23:00	Dinner followed by pub and ceilidh with live music	