



BRIDGES' 3rd Establishment Workshop

5-7 October 2019 in Sigtuna, Sweden

Report

In 2019 a process was set in motion by UNESCO, the International Council of Philosophy and Human Sciences (CIPSH), the Humanities for the Environment global observatory network and the Nordic Network for Interdisciplinary Environmental Studies to establish and launch a global sustainability science coalition under the name of BRIDGES.

The formation of BRIDGES as an international coalition is proposed as a means to complete and thereby strengthen the sustainability science domain as it has developed over the past two decades. The objective is to foster sustainability science (SuS) as a renewed, integrated approach that builds from the Humanities, encompassing the Arts, the Social and Natural sciences, as well as other knowledge communities and traditions, based on voluntary and equitable processes of collaboration that prioritize co-design, co-production and co-ownership.

In order to lay both the programmatic and the procedural foundations of BRIDGES as an international coalition for action in sustainability science, UNESCO's Management of Social Transformation (MOST) Programme organized a [workshop on 5-7 October 2019 in Sigtuna, Sweden](#), co-organized by the Humanities for the Environment (HfE) Circumpolar Observatory and the International Council for Philosophy and Human Sciences (CIPSH) and supported and hosted by the Sigtuna Foundation. This workshop followed two other establishment workshops intended to pave the way for the launch of the BRIDGES sustainability science Coalition in 2020: the first hosted in March 2019 in Mação, Portugal, and the second in [June 2019 at UNESCO headquarters in Paris, France](#).

This report summarizes the main questions that were addressed at the culminating workshop in Sigtuna, as well as the principal outputs resulting from the consulting partners¹ strategic visioning

¹ Organizing partners of the establishment process include: UNESCO's Management of Social Transformation Programme (MOST), International Council for Philosophy and Human Sciences (CIPSH), Humanities for the Environment Circumpolar Observatory (for the HfE global observatories network), Nordic Network for Interdisciplinary Environmental Studies (NIES) and Mälardalen University. Consulting partners in the establishment process include: Arctic Studies Centre, Liaocheng University; Cappadocia University Environmental Humanities Center; Earth Politics Center, Michel Serres Institute for Resources and Public Goods; National Centre of Scientific Research, Paris; Europa.Blog; French National Research Institute for Development (IRD); Future Earth; German Commission for UNESCO; Humanities European Association for Culturally Integrated Landscape Management (APHELEIA); International Council on Monuments and Sites (ICOMOS); International Federation for Modern Languages and Literatures (FILLM); International Science Council (ISC); Institut fondamental

discussions and consensus-building deliberations over the course of the three establishment workshops. These outputs included: 1) an articulation of BRIDGES' core principles; 2) identification of strategic priorities guiding the realization of these principles in a portfolio of demonstration projects, pilot activities and capacity-building resources; and 3) a concept outline for BRIDGES' proposed governance structure, an identified process for consolidating the decisions reached in principle in Sigtuna, and a road map for transitional mechanisms and steps leading to the launch of the coalition in 2020.

I BRIDGES PRINCIPLES

Building upon core principles articulated in [UNESCO's Guidelines for Sustainability Science in Research and Education](#), the workshop discussions in Sigtuna saw consensus on five additional key principles that help to define the distinctive value and approaches BRIDGES will bring to sustainability science that are not otherwise programmatically addressed within the field.

- 1) The BRIDGES Coalition is humanities-centered but not limited to the humanities. We value contextualized and diverse approaches to sustainability and we acknowledge that persistent challenges are often complex, yielding sometimes contradictory responses. We encourage robust debate in efforts to meet these challenges.**
- 2) The BRIDGES partners understand the Earth not solely as a planetary system, nor as a reservoir of resources, but as a web of meanings and interactions that is inherently multilayered and pluralistic.**
- 3) The BRIDGES Coalition is committed to a critical understanding of sustainability that emphasizes the diversity of its subjects, objects and timelines.**
- 4) BRIDGES will work to establish a world of new relationships, based on convergent understandings and co-design, among the co-inhabitants of the Earth.**
- 5) The BRIDGES partners are committed to an ethical approach to resource mobilization and use.**

These five principles were articulated and refined over the course of the Sigtuna meeting and affirmed at the closing session on the third day of the workshop. Identification of the principles developed out of the workshop's agenda, which consisted of presentations by selected partners, plenary deliberations and visioning discussions organized in thematic break-out sessions followed up by reporting to the full group, debate and consensus building discussions. Concept notes covering presumptive areas of strategic engagement (advocacy, communication, education, training, sites, principles and governance) were prepared in advance of the workshop by working groups formed during the second establishment workshop in Paris. These documents set the agenda of the break-out

d'Afrique noire (IFAN); International Union of Prehistoric and Protohistoric Sciences (UISPP); the Kogi People; National Library of Lithuania; North Atlantic Biocultural Organization (NABO); Nobel Prize Museum; Shared Studios; Sigtuna Foundation; Stefansson Arctic Institute; Stockholm Resilience Center; Swiss Academic Society for Environmental Research and Ecology (SAGUF), Swiss Academy of Sciences; Tairona Heritage Trust; The Third Pole; UNESCO Chair on Global Understanding, Jena University; UNESCO Chair on Art and Science for the SDGs, ICN Business School; School of Education, University of Bristol; University of Iceland; Uppsala University Chair on Climate Change; World Academy of Art and Science.

sessions, which in turn shaped the workshop's consensus-building discussions over the three-day program.

The explicit ambitions of the Sigtuna meeting called not only for the framing of an effective governance model for BRIDGES but also for the shaping of a viable action plan enabling the coalition to translate its guiding principles into meaningful action for transformative change based on UNESCO's Guidelines for Sustainability Science in Research and Education. Both of these ambitions were met in the visioning discussions that unfolded over the workshop's three-day program.

Key principles of the *UNESCO Guidelines for Sustainability Science in Research and Education*

1 The interplay of global and local challenges (keywords "interdependency," complexity")

Sustainability Science responds specifically "to the **interdependent, complex and mutually reinforcing character of ongoing natural, social and cultural challenges occurring at both global and local scales**. Sustainable development, as expressed in the United Nations Agenda 2030, is exactly about the interplay of such challenges" (UNESCO SuS Guidelines 2).

2 Knowledge (keyword "co-production")

Sustainability Science aims to generate, disseminate, mobilize and implement "**knowledge necessary to define and achieve sustainability** as a response to such challenges in the concrete contexts of different geographical and temporal scales. Such knowledge includes new technologies and innovative processes" (UNESCO SuS Guidelines 3).

3 Integration and foresight (keyword "process")

"Sustainability Science focuses on **solving problems, understanding dilemmas and addressing conflicts of goals and interests**, with a view to move towards more integrated and coherent policy agendas, policy options and foresight scenarios that take into account both short-term and long-term needs" (UNESCO SuS Guidelines 3).

4 Collaboration & Integration (keyword "networking")

"Sustainability Science is crosscutting science by nature, having as a major goal to seek complementary **cooperation** between natural and social sciences, the humanities, the arts and, in particular, to ensure the participation of diverse non-academic stakeholders, through a collaborative process of co-design, co-production and co-management" (UNESCO SuS Guidelines 3).

5 Freedom & Responsibility (keyword "socialization")

"Sustainability Science is based on both **academic freedom and academic responsibility** towards societal needs" (UNESCO SuS Guidelines 3).

6 Education for Complex Action (keyword "praxis")

"Sustainability Science **requires important new capacities of individual scientists** for integrated critical analysis and foresight; the ability to cope with systems thinking, changing environments, risks and insecurity; and the capacity to recognize and address diverse values as well as conflicts of goals and interests, to empathize and work responsibly and collectively in diverse partnerships. Such capacities need to be strengthened through all forms of education" (UNESCO SuS Guidelines 3).

The following two sections of this report highlight the hallmarks of these discussions and their consensus outcomes. In the following section special emphasis is placed on the strategic priorities that

were identified and agreed upon in principle as central to the effort to operationalize UNESCO's Sustainability Science Guidelines while also fulfilling BRIDGES' guiding principles.

II STRATEGIC PRIORITIES

Humanities-centered transdisciplinary research

This first priority reaffirms, in part, the first of the BRIDGES principles articulated above and provides additional rationale not only for why a humanities-centered (and a human-centered) approach is necessary but also why this aim must be integrated with co-production efforts that are genuinely transdisciplinary in scope and orientation.

Participants emphasized a consensus view that the humanities *must* play a leading role both in strengthening sustainability science research and in supporting actions *for* sustainability. The long-existing major gap in academic research on what it will actually mean for societies to transform in the face of environmental changes (or, indeed, what it has meant in the past) was discussed extensively in the workshop. Anchoring the BRIDGES coalition in the humanities will serve not only to underscore the value of knowledge resources and critical perspectives encompassed by humanities disciplines; it will also reinforce their relation to, and indispensable role within, the wider continuum of scientific domains that compose the field of sustainability science. The coalition seeks to achieve this end, in part, by leveraging the expanding toolkits of the environmental humanities as intellectual, theoretical, practical and institutional innovations through which the programmatic challenges of interdisciplinarity can be met and harnessed for transformative, sustainable change.

The BRIDGES principles articulated in Sigtuna developed in part from observations that normative scientific and humanistic terminologies are often reflective of competing, sometimes even incommensurate, epistemological traditions and viewpoints. Without concerted efforts to bridge those gaps an unreflective reliance on normative terminology can be both limiting and counter-productive rather than unifying. BRIDGES will actively seek to uncover marginalized/occluded concepts, new methodologies that may in some cases be based on long-established but obscured practices, or ways of working collectively/holistically, especially with non-scientists, that do not easily, or at least outwardly, fall within standard scientific protocols.

The Sigtuna workshop welcomed the participation of a delegation from the Kogi indigenous People from Sierra Nevada de Santa Marta, in Colombia, in an effort to bridge epistemological, philosophical and methodological gaps from both sides, so to speak; the debates that took place enabled participants from both the indigenous and scientific communities in Sigtuna to appreciate each others' ecological knowledge and practices, by inviting each into the others' domains, and by providing a reflective space for indigenous tradition to speak on its own terms with modern environmental methods. Among other things, these dialogues drew attention to and facilitated appreciation among gathered scientists and scholars of the meaning of lands' "ancestral knowledge" and the significance of "sacred sites" in maintaining the health of territories.

One key aspect underlined by the participants was the crucial contribution of humanities in embracing complexity and addressing multidimensional issues or "wicked problems" from a locality-based perspective. Contrasting with a totality-based approach, which can impede the ability of policymakers and environmental managers to address issues that are necessarily occurring at a local/regional scale (such as biodiversity loss), a humanities-centered approach allows for bottom-up initiatives to set agendas in which context is always a central consideration. Such observations opened up further consideration of the next strategic priority on *sites*.

Sites: territories, communities and processes

Starting in 2020, BRIDGES will be developing an action framework by bringing together a range of partners to design and implement, in a co-owned manner, site-based pilot projects, combining different knowledge sources and traditions. The pilot activities are intended to operationalize BRIDGE's core principles and demonstrate new models of human-centered sustainability science for wider adoption and adaptation.

Discussions over the course of the establishment workshops have helped clarify criteria for the site-centered activities BRIDGES seeks to endorse. The sites envisaged will showcase a territory-based approach to sustainability in which a locality or district is defined as encompassing three intertwined aspects: a territory, a community of stakeholders and a process.

- A territory is characterized but not defined by an area representable on a two-dimensional map. In addition to that spatial dimension, a territory includes a range of connections through time and space which define its quality and significance. In particular, the history of a territory, composed of cultural narratives that makes a particular geographical area much more than just space, is essential to a territory's practical dimension. Connections between apparently distinct and mutually distant territories are also appreciable through the migrations of invasive species and their effects on ecosystems, just as the migration of all kinds of entities, or the exchanges of goods and services, can impact regions in complex ways. Such examples should encourage us to resist the temptation to reduce a territory to its administrative mapping.
- A community of stakeholders is defined not by the geographic limits of its territory, but by the web of connections that shape its character. It follows that constituting a community of stakeholders is a political and not simply a descriptive task; moreover, the word "community", while often convenient for practical purposes, does not necessarily imply a uniform perspective regarding the use of a locality or region's constituent natural elements, whether these are regarded as natural resources or as entities bearing their own rights and agency. Nor necessarily can a functional equality be assumed between/among the values and standards of all stakeholders in a territory. On the contrary, assessing and evaluating stakeholders in terms of the urgency of their interests is a key aspect of the politics of territoriality.
- From these characterizations of *territory* and *stakeholders*, it should follow that a site necessarily involves a process, or many processes; the identification of a process is not a natural fact in a site-based strategy, to be analysed exclusively through the interests from which it emerges. A site is inevitably an object of ongoing interpretive struggle, which affects not only its geographic boundaries but also its meanings. As part of the pilot activities endorsed by the BRIDGES coalition, discussions in Sigtuna further emphasized the need for appropriate *analyses* of these processes, from a research-oriented perspective, as well as the necessity of designing appropriate actions to help *shape* and *respectfully guide* processes in relevant ways without imposing them from outside and above the socio-environmental system, which must always be recognized as having its own integrity.

Aiming to be more inclusive to marginalized areas and communities, particular attention will be paid in BRIDGES' short-term and medium-term strategic efforts to identify and work with sites that are vulnerable, or degraded, and where steps are being undertaken to stimulate transformative change.

As BRIDGES' portfolio of endorsed activities and supported projects expands, a generalizable theoretical framework and practical modes/models of intervention will be developed.

Communication and Advocacy

Strategic communications will be crucial to efforts to effectively support and develop the activities of the BRIDGES coalition. As BRIDGES' knowledge management arm, an online communication platform is expected to allow for further research dissemination, enhancing the quality of research by connecting actors and creating synergies.

As a resource enabling the dissemination of impactful co-produced knowledge and the demonstration of effective transdisciplinary sustainability science in action, an online communication platform is regarded as a major strategic priority for BRIDGES. Such a platform can also connect actors and create synergies across territories and cases, allowing resources to be mutualized within the coalition, especially for the purposes of knowledge exchange, comparative study, data management and dissemination of research/education design models and results. Development of a dynamic platform as a digital infrastructure can enable BRIDGES to develop flexible and robust inward-facing channels of communication for exchange and co-management of data, knowledge and practice-oriented activities while also providing outward-facing channels for sharing stories and insights with a range of target publics both within and outside the academic sector.

As part of this general aim, discussions in Sigtuna addressed the question of how the resources and capabilities of BRIDGES partners representing the media sector can be harnessed and mutualized strategically to help build capacities across the coalition, as well as to disseminate best practices and models of innovative sustainability science design and action. One such capacity that should be bolstered transversally within the sustainability science domain to strengthen the qualitative dimensions and impacts of the field is that of humanities expertise (and methodologies, including the arts). Another example is ICOMOS's climate vulnerability index, which assesses the vulnerability of sites to climate change impacts. This resource (www.Cvi-heritage.org), developed for use in a community-based design, can be tested for use in many sites and is an excellent example of a resource developed by a key BRIDGES partner that can be marshalled for wider use in contexts where BRIDGES endorses, facilitates and develops new site-based work.

Various suggestions were put forward in Sigtuna for developing a set of strategic communications-driven, advocacy-orientated activities that showcase the added value of well-integrated inputs from the humanities and the arts within the larger sustainability science domain. The organization of transdisciplinary workshops on specific topics (e.g. biodiversity, mass consumption or climate change-driven heritage loss) or more practically-orientated interventions in the training of journalists specializing in sustainability science approaches are examples of notable suggestions put forward in the workshop.

There was broad support in Sigtuna for the idea of developing advocacy activities as key functions of BRIDGES' engagement in the sustainability science domain. This role ideally should extend to include the coalition's active efforts to promote and showcase UNESCO's SuS Guidelines as achievable in practice. There was also support for the general aim of coordinating advocacy efforts closely with strategic communications activities, with an emphasis on designing clear stakeholder engagement and visioning modalities.

Governance and Principles — strategic priorities

Strategic discussions in Sigtuna relating to governance and principles are clearly reflected in the respective sections of this report that highlight the specific outcomes of those exchanges. For a fuller articulation of these strategic priorities please see the respective sections in this report documenting those consensus decisions and their expected outcomes.

Beyond those contents, it is worth mentioning that the governance and principles working group discussions proposed that BRIDGES should aim to develop recommendations on how to translate the conceptual frameworks of sustainability science into formal proposals at higher political and policy-making levels, allowing for improved decision making on new policy approaches to territoriality and sustainability.

Education and Training

The coalition will facilitate development of professional training as a prioritized activity. Such training initiatives may be linked initially to territories-based projects/collaborations in identified sites. Education or professional training for practitioners or researchers can be developed to increase understanding of local and traditional knowledge and the distinct touchstones of cultural heritage that define unique socio-ecological systems.

As demonstration projects, such training initiatives can also be developed to synergize with communications goals, thereby bridging different nodes in the consortium where knowledge sharing across territories and site-based collaborations/case-studies can play a valuable role in capacity building, adaption of successful approaches and even in scaling up collaborative knowledge-based actions for sustainability. In its efforts to stimulate development of training and education projects the coalition will rely initially on existing structures and networks of partners linked to appropriate sites. BRIDGES will aim to target identified knowledge and capacity gaps and/or build on existing training materials that can be applied experimentally for development and testing in relevant sites. Building on the results of initial iterations of training (including experimental approaches), the coalition will seek to develop a site-based training and educational model of intervention, transferrable (or adaptable) to other contexts.

Beyond professional training, the coalition will work to support activities at the interface of scientific research and education in lifelong learning, strengthening linkages with libraries and memory centers contributing to public appreciation and usage of such institutions as archives of knowledge and learning resources.

Participants in Sigtuna noted the importance of reaching out from the research and educational sectors to a range of stakeholders as training and educational initiatives develop into a more cohesive portfolio of offerings. Involving industry and civil society stakeholders will be key to mobilizing communities, both in targeted sites and in communities more generally in society.

In due course the range of educational and training activities should be expanded, contingent on resource availability, to encompass further initiatives that can synergize well with other strategic BRIDGES objectives, such as researcher education and field-based training, or training initiatives for civil servants, policy-makers and media professionals such as scientific journalists. Efforts should be made to develop a longer-term strategy to facilitate educational interventions (for example, MOOCs or on-site programs developed for interactive learning in libraries, museums, universities, or schools) geared toward youth, lifelong learners, indigenous learners, grassroots organizations or geographically distributed learning communities lacking immediate access to educational institutions or learning infrastructures.

Funding

Participants discussed the need for BRIDGES to rely on an agile approach to funding mechanisms, targeting local sources, as well as national and international sources, and adopting a project-based

approach. Some possible international sources of funding that were discussed included: Horizon 2020, ERC, the Belmont Forum, NordForsk (and other comparable regional funding sources with international dimensions), private foundation funding and philanthropy. The executive group will be working on the design of an approach to donors and a mobilization and usage framework for common resources. Linking advocacy and funding challenges, it was noted that national funding towards the humanities as disciplines and a humanities led-approach *about* and *for* sustainability science should be encouraged and advocated for, even if the BRIDGES coalition does not benefit from it centrally.

III GOVERNANCE AND THE PROCESS OF LAUNCHING OF BRIDGES

At the Sigtuna workshop it was agreed in principle that:

- as a coalition of organizations, networks, institutions, programmes and councils, BRIDGES aims to be formalized within UNESCO's Management of Social Transformations (MOST) programme;
- under the name of BRIDGES — a UNESCO MOST Sustainability Science Coalition, the network aims to be launched officially in 2020, pending endorsement of its founding documents/statutes by the founding partner entities and subject to approval of the MOST Intergovernmental Council at its Extraordinary Session scheduled in September 2020 in Paris at UNESCO Headquarters. This approval process follows initial submission of the BRIDGES founding documents to the Bureau of the MOST Intergovernmental Council for consideration at its meeting to be held in February 2020;
- BRIDGES should be supported by an autonomous global secretariat representing the interests of the founding partners, working effectively as a cohesive and strategically focused network of networks to promote and operationalize UNESCO's Guidelines for Sustainability Science in Research and Education;
- efforts to identify an institutional host for the global secretariat will be carried out in late 2019 and early 2020, with the aim of concluding negotiations regarding local measures necessary to support and operate the secretariat for an initial two-year/four-year period in time for the submission of the BRIDGES proposal to the MOST Intergovernmental Council Bureau for consideration in February 2020;
- The UNESCO MOST Secretariat will initiate clarifying discussions with the appropriate national commission of UNESCO regarding the ambitions to establish a BRIDGES secretariat and efforts to strengthen the secretariat through other formal mechanisms (e.g. linking it to a prospective UNESCO chair or Category II Centre) at the UNESCO General Conference taking place in Paris 12-27 November 2019;
- Guidelines for prospective BRIDGES projects and activities were developed at the conclusion of the Sigtuna workshop and these will be used to assess proposals for site/territory-based activities to be potentially included among an initial portfolio of BRIDGES-endorsed projects when the coalition launches officially in 2020;
- BRIDGES is expected to expand the coalition's constituent community of purpose beyond its founding partners by enabling applications for admittance to the coalition to be reviewed and considered by the coalition's executive council on a regular basis; a mechanism will be identified in BRIDGES' statutes to enable this process;

- Further rounds of proposals for projects and activities seeking BRIDGES endorsement will be open for submission after the launch of the coalition and a mechanism will be instituted to oversee this process;
- BRIDGES statutes and governance as a new program designed and proposed to be anchored in UNESCO's MOST programme are being planned and drafted in late 2019 for submission at the MOST IGC Bureau meeting to be held in February 2020. Further details on these steps will be made available in the summary of the BRIDGES establishment process (due in December 2019) and in the draft statutes to be submitted to BRIDGES members for endorsement by the end of 2019.

BRIDGES' PRE-LAUNCH SYMPOSIUM IN SIGTUNA

Following the high-level workshop in Sigtuna, a symposium was organized at the Sigtuna Foundation on Monday, 7 October 2019 for the general public. It welcomed the participation of representatives of key organizations, institutions and other potential partners in the Nordic region that have a significant stake in promoting sustainability science and that may wish to engage with the BRIDGES initiative as it moves forward.

The program showcased the resources and vision of the combined partners that have entered into the BRIDGES establishment process. An additional aim was to provide inspiring discussion and dialogue on the challenges and opportunities that can be met in concerted efforts to build resilience and sustainability through successful integration of diverse actors, stakeholders, knowledge domains and action communities.

The BRIDGES leadership plans to initiate follow-up contacts with representatives of the key organizations that were invited to attend the symposium and will explore the possibility for developing strategic partnerships or joint activities with these organizations following the launch of the coalition in 2020.

WORKSHOP AGENDA

DAY 1

13.00 – 13.15 **WELCOMING ADDRESS FROM HFE, MÄLARDALEN UNIVERSITY, UNESCO MOST PROGRAMME AND CIPSH**

13.15 – 14.15 **CONVERSATION WITH THE KOGI**

The 3rd workshop will kick off with an encountering with the Kogi, an indigenous ethnic group from the Sierra Nevada de Santa Marta in Colombia. Throughout the two days, the Kogi will be offered a space to speak and share their traditional knowledge and practices in its own terms and on an equal footing with modern environmental methods.

14.15 – 14.45 **INTRODUCTION AND RECAP OF THE ESTABLISHMENT PROCESS**

This session will provide an overview of the emergent context and evolution of the BRIDGES initiative, including the recent developments since the second workshop in Paris, last June.

14.45 – 15.30 **BREAK OUT SESSION – EXPLORING SYNERGIES**

Members of the Working Groups will be invited to collectively assess opportunities for advancement in the development of the WG notes, with a particular focus on potential synergies in future collaborations. Workshop participants not already involved in the WGs will be asked to join the discussions of particular relevance to the priorities and interests of their respective partnering organizations.

Group 1: Principles & Governance **Group 2:** Education & Training **Group 3:** Advocacy & Communication

15.30 – 16.00 **REPORTING SESSION**

A rapporteur in each of the three groups will be invited to report on the discussions as well as to share a brief statement on the group's key objectives and expectations for the meeting.



BREAK

16.30 – 17.40 **DECLARATION OF PRINCIPLES AND GOVERNANCE SYSTEM**

This session will be aimed at building a consensus around a set of principles. The dialogue should help to further develop the Governance and Principles note, with the view to acquire a Declaration of Principles.

Anticipated outputs:

- Declaration of Principles
- Revised Governance and Principles note

17.40 – 18.00 **DRAFTING GROUP AD HOC MEETING**

Participants who have expressed a wish to be part of the drafting group will meet briefly to follow up on the pre-workshop drafting group meeting to make operational adjustments, if necessary. A continuing role for some DG members in a streamlined drafting group following the Sigtuna workshop will also be coordinated for the key BRIDGES output documents.

18.30 – 20.15 "ALUNA": FILM SHOWING AND Q & A WITH FILMMAKER ALAN EREIRA AND THE KOGI

20.30 – 22.00 DINNER

DAY 2

09.15 - 09.30 WELCOME AND OVERVIEW OF DAY 2

09.30 - 10.45 FOCUS PRESENTATIONS

ICOMOS' Climate Change and Heritage Working Group (CCHWG) - *Marcy Rockman, ICOMOS*
Cultivating water
Territorial socio-ecological coviability with bees - *Patrick Degeorges, ENS Lyon*
Philippe Forét, M. Mahamadou Biga Diambeidou, Sanaz, Shared Studios

10.45 - 11.30 BREAKOUT GROUPS - REFINING THE WORKING GROUP NOTES

Each of the working groups will be invited to convene and further the drafting of the notes.

Group 1: Sites and Training **Group 2:** Education **Group 3:** Advocacy **Group 4:** Communication

11.30 - 12.15 REPORTING TO THE WHOLE GROUP

A rapporteur in each of the three groups will be invited to report on the discussions as well as to share a brief statement on the group's key objectives and expectations for the meeting.

Anticipated outputs:

- Revised WG notes (Sites and Training, Education, Communication, Advocacy)

LUNCH BREAK

13.30 - 15.30 INTEGRATION AND ACTION PLANNING : DIRECTED DISCUSSION AND DECISIONS

Building on the work accomplished by the working groups, this session will be aiming for consensus around exemplary sustainability science transversal projects connecting various scientific disciplines and the Art, while enabling meaningful co-production between this broad and inclusive configuration of academic and non-academic actors.

Anticipated outputs:

- Preliminary short-medium term action plan including 2020 pilot activities and proposals for concrete actions implemented in at least some defined sites, within appropriate areas of focus and responsibility.



BREAK

16.00- 16.25 FOCUSED PRESENTATION ON GOVERNANCE AND SUSTAINABILITY

The presentation will help frame the last discussion on Day 2, with particular reference to flexible approaches to funding and a mapping of potential funding sources and various approaches.

16.30- 17.30 PROPOSALS FOR CONCRETE ACTIONS TO BE IMPLEMENTED WITHIN APPROPRIATE AREAS OF FOCUS AND RESPONSIBILITY

This last session is to explore levers to ensure sustainability of the network. It will include proposals for funding and partnership prospects as well as processes to be initiated at Sigtuna.

Anticipated outputs:

- Sustainability short-medium term plan, including first milestones and corresponding checkpoint covering areas emerging from the working group discussions.
- Identification of governing bodies and scope for action

17.30 - 18.10 DRAFTING GROUP AD HOC MEETING

This session will identify issues that may need reconciling between Sunday evening and the executive session on the morning of DAY 3.

18.30 - 20.15 "EL RIO": FILM SHOWING AND POSSIBLE Q&A VIA VIDEO LINK WITH FILMMAKER JUAN CARLOS GALEANO

20.30 - 22.00 DINNER

DAY 3

08.30 – 10.00 EXECUTIVE WRAP-UP

This session will help finalize decisions not yet taken on consensus items, governance structures (including interim structures), action items, etc.

Anticipated outputs:

- Pitching document produced by the drafting group. This one pager will explain the value of the BRIDGES Coalition and identify five main reasons why the work of the Coalition is needed and how potential stakeholders will benefit from the outcomes of the work.
- Decisions in principles

BRIDGES' PRE-LAUNCH SYMPOSIUM AGENDA

10.10- 10.25 WELCOME

Brief introduction to the BRIDGES establishment initiative and its history.

10.25- 10.45 PRINCIPLES - UNESCO'S RENEWED APPROACH TO SUSTAINABILITY SCIENCE

John Crowley, Head of Research, Policy and Foresight, Social and Human Sciences Sector, UNESCO
Steven Hartman, Humanities for the Environment, NIES & Mälardalen University, Iceland/Sweden
Luiz Oosterbeek, Secretary General, International Council for Philosophy & Human Sciences, (CIPSH)

10.45- 11.45 PARTNERED KNOWLEDGE COMMUNITIES AND IMPACT CAPACITIES

Keynote Presentation

North Atlantic Encounters and what's at stake in sustainability efforts in the Circumpolar North -
Thomas McGovern, Coordinator, North Atlantic Biocultural Organization, Hunter College, CUNY, USA

Presentations

Sandrine Paillard, Paris Global Hub Director, Future Earth, France
Alf Linderman, Executive Director, The Sigtuna Foundation
Mahamadou Biga Diameidou, UNESCO Chair, ICN Business School, France

Q&A with audience

11.50 – 12.15

FILM INTERVENTION: RETHINKING SCIENCE AND CO-PRODUCTION FOR SUSTAINABILITY

A Warrior's Message

Peter Norrman, Bifrost and Steven Hartman, Humanities for the Environment, NIES & Mälardalen University, Iceland/Sweden

LUNCH BREAK

13.00- 13.45 KEYNOTE & MODERATED PANEL DISCUSSION: SCIENTIFIC BOUNDARIES AND THE NEED FOR SOCIAL INNOVATION

Keynote Presentation

Human beings are at the heart of global environmental change – so we need to build BRIDGES in 2020 -
Sarah Cornell, Stockholm Resilience Centre, Sweden

Moderated Panel Discussion

Moderator: John Crowley, Head of Research, Policy and Foresight, Social and Human Sciences, UNESCO
Sarah Cornell, Stockholm Resilience Centre, Sweden
Guðmundur Hálfðanarson, Dean of School of Humanities, University of Iceland
Nathalie BLANC, Director, Earth Politics Center, University of Paris, France
Philippe Förét, Swiss Academic Society for Environmental Research and Ecology (SAGUF), Switzerland

13.45- 14.45

PRESENTATION & MODERATED PANEL DISCUSSION: A PILOT CASE STUDY FOR SITES AND TRAINING**Keynote Presentation**

Cultivating Water - Territorial socio-ecological coviability with bees - *Patrick Degeorges, Director of the Anthropocene Curriculum, ENS Lyon, France*

Moderated Panel Discussion

Moderator: Alan Ereira, BBC Documentary Filmmaker and Professor of Practice, University of Wales, UK
Mama Shibulata, Spiritual Leader of the Kogi People, Columbia
Silvestre Zarabata, Translator/Representative 2 of the Kogi People, Columbia
Falk Parra Witte, Dept. of Social Anthropology, University of Cambridge, UK
Gustavo Arnulfo Quintero Navas, Professor of Law, Universidad de los Andes, Columbia



B R E A K

15.15- 16.00

KEYNOTE & MODERATED PANEL DISCUSSION: ADVOCACY, EDUCATION, INTEGRATION & IMPACT**Keynote Presentation**

ICOMOS's Climate Change and Heritage Priority with the IPCC - *Marcy Rockman, International Council on Monuments and Sites (ICOMOS), IPCC Liaison, Climate Change & Cultural Heritage, USA*

Moderated Panel Discussion

Moderator: Steven Hartman
Erika Robrahn Gonzalez, Vice-president, UISPP (Union Internationale des Sciences Prehistoriques et Protohistoriques), Brazil
Adolf Fridriksson, The North Atlantic Biocultural Organizaiton (NABO), Iceland
Nuno Guimarães da Costa, ICN Business School, France
Sinan Akilli, University of Cappadocia, Turkey
Yvonne Eriksson, Mälardalen Univeristy, Sweden

16.00- 17.00

TRANSFORMATIVE COMMUNICATION & ENGAGEMENT**Keynote Presentation**

BRIDGES to the World: Engaging with media to communicate sustainability science - *Joydeep Gupta, Director, The Third Pole, India*

Presentations

May-Britt Öhman, Centre for Multidisciplinary Research on Racism, Uppsala University, Sweden
Sanaz Habibi, Curator, The Stockholm Portal, Shared Studios, Sweden
Andrea Hvistendahl, Artist & Lecturer in Information Design, Mälardalen University, Sweden

17.00

CLOSING REMARKS