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### Meeting Summary:

Friends of Ecosystem-based Adaptation (FEBA) Members' Meeting, co-hosted by NWP and IUCN  
7th December 2018, 13:00-15:00  
UNFCCC COP24  
Katowice International Conference Centre, Katowice, Poland  
Meeting Room 11

### 1. Welcome and Introductions

The meeting was attended by 20 FEBA member representatives, representing 14 institutions; please see Annex I for list of attendees, affiliations, and acronyms.

### 2. Updates from the FEBA Secretariat

Ali Raza Rizvi (IUCN) delivered opening remarks and an update on FEBA engagement at CBD COP14 and announced that the Conference adopted the EbA and ecoDRR Voluntary Guidelines, in which Parties are urged to engage with FEBA and to consider the FEBA criteria and standards for EbA when designing and planning. Other activities and developments this year included FEBA's increased engagement this year with CBD processes, updates from FEBA engagement at the Global Climate Action Summit's "Resilience Day", exploration of expanding FEBA into regional networks, working in closer coordination with PEDRR, and the upcoming FEBA high level reception at the Japan Pavilion on December 13 at 5:45 pm.

The secretariat, in addition to convening several working groups, plans to host a virtual FEBA meeting to convene more dispersed FEBA members.

### 3. Updates from Meeting Participants

**Felix Diesner (ZUG/BMU)** introduced and explained ZUG, noting that IKI has transferred administrative and project management responsibilities to ZUG, instead of the programme office. ZUG can speak on behalf of BMU, but does not make funding decisions, and will be helpful for troubleshooting any project matters. IKI is also growing and expanding with their new strategy shifting from smaller to bigger projects being carried out by consortia, with new criteria that roughly half of the involved partners should be national organizations. RFPs will be done in 2 main columns, thematic every year between January and April, and country RFPs on irregular basis years, with a huge move toward implementation.

**Michael Mullan (OECD)** noted two areas of work coming up wanting stronger EbA focus: Japanese presidency stronger infrastructure EbA, and in 2009 developed a paper on getting EbA into development sector.

**Margarita Caso (INECC, Mexico)** updated that the National Atlas of Vulnerability was produced in September for Mexico. In 2014, 319 municipalities were identified as the most vulnerable; based on a set of 6 questions for 1<sup>st</sup> phase., not looking only at who is vulnerable, but to what, where, when; 4 thematic areas.

**Lorena Martinez (IUCN Environmental Law Centre)** – IUCN ELC trying to understand the governance arrangements for EbA; Central American IUCN with river basin organizations to strengthen capacities and at multiple levels; web app analyzed 170 projects to search for themes and foci, 2 methodologies for M&E re food and water security advanced draft later in Feb; developed a course on governance for EbA with 3 modules (EbA, Governance of EbA, and Climate Justice), drafted principles of governance for EbA; regional EbA event in April.

**Johannes Forster (Helmholtz Centre for Environmental Research (UFZ))** – TEEB coordinating, looking at benefits of ecosystems at many levels, been working with TNC for EbA for SIDS; next year GIZ bio-corridor in urban areas, need for stronger links to infrastructure projects.

**Erin Beasley (Conservation International)** – CI going thru alignment and strategic orientation process, NCS under climate change focus, priority around sustainable landscapes; proposal generation process ongoing; looking at financial mechanisms for EbA-like projects on ground; continuing policy work on ecosystems

**Alexandra Gamboa (Rare)** – cooperation with national government agencies, capacitate local governments to plan for climate change impacts; coastal community summit in 2019; framework for inter-local government cooperation, with blended finance; integrate EbA into fisheries work; planning regional FEBA meeting; GLISPA working group for EbA and fisheries; Farming for Biodiversity; Colombia watershed management; Nepal climate safe crops

**Juliana Ribeiro (Boticario Group Foundation)** – report on green-grey assessment on ecosystems around 3 urban areas in Brazil; consistent results to show feasibility of NbS; produced report; support from private company that is interested in benefits to company and watershed; launching report on biodiversity and climate in Brazil (event in 2020)

**Fernando Veiga (The Nature Conservancy)** – Micronesia BMU project, green-grey water systems, mainstream gender into EbA especially women's traditional knowledge; in the Caribbean TNC has provided strategic guidance note to EbA facility; Mexico coral reef insurance. Coastal resilience trust fund; concrete exercise on micro hurricanes; seven sites in Central America for coastal insurance; decision support system for rivers in Colombia; Peru Adaptation of Water resource management to climate change in 3 ecoregions, waterfunds approach

**Xiaoting Hou Jones (IIED)** – EbA effectiveness providing better knowledge base, crucial to translate that into climate change policy and development policy. The project takes lessons from 13 different projects across 12 countries, research capacity building and policy, countries are all at very different stages, this project has pushed some countries to become champions for EbA, especially in China, now the adapt plan and ag plans take into account our advice and NBS, One Belt One Road initiative, getting a seat at the table is an achievement (not only mitigation also adapt)

**Hannah Reid (IIED)** – EbA has a lot of good stories, not a lot of evidence; But our project has shown that EbA IS EFFECTIVE across three measures: social, ecological, economic; however there are caveats and trade-offs; governance framework hugely affect the success; research results early next year.

**Val Kapos (UNEP-WCMC)** – all heard about tools navigator before; 250 tools in the navigator now; out this month and looking for feedback before going online in final form; working with Acclimatise an UNEP and IADB, barriers and enablers to private sector use of NBS to assess climate risk, how do we get this out of CSR and into corporate risks; how companies think about climate risk?; first draft material TBD; what combo of carrots and sticks are best? Global Commission on Adaptation asked UNEP to put together background report for their first flagship report, wants to reflect experiences and lessons from across FEBA; also working on M&E; also lots of TEEB related

**Jessica Troni (UNEP)** – On the normative side of things, there is a need to build up: How can UNEP help synthesize the work of this group to amplify our message? We don't have a lot of info in public domain to justify EbA (just 1: Lami/ Fiji CBA of green grey and mixed options for flood control). **Hannah** and **Ali** added that Massachusetts University is compiling cost-benefit analysis, and cited the work of Lucy Emerton at GIZ on the same topic.

**Britta Garfield (Smithsonian Institute)** – The Smithsonian recently launched the [Working Land and Seascapes initiative](#) which aims to establish healthy and productive land and seascapes by empowering people to implement sustainable conservation management practices and policies, particularly in the face of climate change. It scales up science-based solutions for the benefit of communities such as agroforestry (bird-friendly coffee certification) and forest / mangrove restoration measures. Under [Earth Optimism](#), SI and partners continue to shine a light on what is working in conservation and try to scale up best practices. The movement is constantly growing, and Smithsonian is already planning towards a large event on the National Mall in 2020 with global "sister events" to advance nature-based solutions. In this context, SI recently hosted a roundtable with other museums, zoos and research institutes to share and leverage resources and tools in the lead-up to the 2020 Earth Day celebration. Also, the USAID BRIDGE (Biodiversity Results and Integrated Development Gains Enhanced) program has led [several EbA studies](#).

**Katherine Blackwood (IUCN)** – IUCN has joined the advisory board for the Caribbean Biodiversity Fund’s EbA Facility for the Caribbean, whose first call for proposals is open until mid-December. IUCN is also leading a process to develop a global standard for Nature-based Solutions; open consultations will proceed through 2019.

**The Mountain Institute (shared by Ali Raza Rizvi)** – IUCN and TMI’s global program on Scaling Up Mountain EbA continues into its second year, with consolidation and replication of EbA measures occurring in Peru, Nepal, and Uganda, and upscaling and capacity building work gaining steam in Kenya, Colombia, and Bhutan. In Uganda, implementation of EbA measures has been initiated in two micro-catchments namely; the Sipi-Chebonet micro-catchment (replication site), and the Atari – Kaptokwoi micro-catchment (consolidation site). As part of the EbA upscaling activities, the Peru team is conducting an EbA virtual course through the Environmental Ministry virtual Platform “APRENDE”. The course title is “Ecosystem based Adaptation to climate change and integration to planning and development processes” and has reached 58 professionals of Peruvian institutions of the national, regional and local government levels. Colombian key actors are also taking part, because the Colombian Ministry is evaluating the possibility of conducting the course in Colombia. In the Nor Yauyos Cochas Landscape Reserve, community agreements were signed to consolidate measures such as fencing, sustainable pasture management, water conservation and capacity building for livestock production.

**Annelie Fincke (OroVerde) (updates conveyed by Katherine Blackwood)**

OroVerde is a German organisation working in Latin America, looking to connect with FEBA partners in the region. Recent project called “GreenWatersheds – Finance 4 Adaptation; Mobilizing capital for ecosystem-based adaptation in tropical watersheds” in which we work with local partner organisations in Guatemala, the Dominican Republic, Cuba and Mexico. Apart from working on the development of EbA measures in a participatory approach in 4 watersheds, the GreenWatersheds project will further work on governance mechanisms and innovative financial instruments to enable the implementation of EbA measures. Promotion of related policies and regulations, and exchange of experiences and lessons will be important complementary activities. Furthermore, we are currently working on a project idea and concept development at its second stage for IKI on “EbA and Forest Restoration in Vulnerable Rural Communities of the Caribbean Biological Corridor” in Cuba, the Dominican Republic and Haiti. It is planned to develop NbS, including for the area of agriculture and integrated water management, strengthen community governance, and work on specific local examples as well strategic promotion of EbA in the implementation of NAPs and NDCs. We would in any case be interested to learn about any similar projects, exchange and learn from lessons learnt, and look for possible synergies.

**4. FEBA Working Groups - Status, Activities and Outputs**

Katherine Blackwood shared the status of FEBA’s working groups (see Annex II) and invited volunteers to chair the working groups which have not yet met. Working Groups 1, 2 4, 8 and 9 are actively collaborating on outputs expected between December 2018 and July 2019.

**5. Discussion: Upcoming opportunities for FEBA collaboration (networks, publications, conferences, etc.)**

Discussion developed around the topic of Working Group 5, on sharing lessons learned about implementing EbA through our past mistakes. Val Kapos (UNEP-WCMC) suggested a first step is to identify the *types* of mistakes; and the conditions that led to poor outcomes, e.g. “this thing caused us to have problems”. Jessica Troni (UN Environment) echoed that the topic was an excellent idea, and shared that the main issue is not a lack of highbrow planning; but rather that often the contractors managing projects or putting in infrastructure are themselves not aware of adaptation. *How you design* is the issue; she added that we need a big emphasis on capacity development right at the start of the project; in many cases recruitment processes are not competitive enough. Jessica summarized by saying that in fact it boils down to very simple things. Hannah Reid (IIED) emphasized that in truth there is no win-win, rather always trade offs; honesty is important.

On the topic of a Massive Open Online Course (MOOC) on EbA, Ali Raza reminded all that PEDRR’s MOOC on ecoDRR several years ago had 10,000 registrations, of which 70% participated.

Regarding the Working Group on Governance for EbA, Lorena Martinez (IUCN Environmental Law Centre) shared that when it comes to implementing, there is a big gap in clarity on who is responsible for what; also what is voluntary vs. non-voluntary. Robbie Bovino (TNC) expressed interest in joining the governance group, has they’ve been working with the Red Cross on legal diagnostics checklist to evaluate policy environment for suitability of projects for Natural Climate Solutions.

Val Kapos (UNEP-WCMC) asked the group if any were aware of good examples of corporate use of NbS (not for corporate social responsibility, but true operationalization), to inform an ongoing study. Michael Mullan, Hannah Reid, Lorena Martinez, Ali Raza Rizvi, Alex Gamboa, and Robbie Bovino gave leads and examples.

Discussion turned to whether FEBA is planning outreach activities to bring in the infrastructure community. Michael Mullan expressed that two things here are needed: (1) understand what their reservations are (2) getting them to come to us, and us going to them and plant messages in broader infrastructure reports. Val Kapos reflected that Adaptation Futures variably mixes infrastructure, and that we need to lobby not to have separate EbA sessions at conferences like these.

Johannes Forster (UFZ) shared information on a tool developed with GIZ (<http://aboutvalues.net/>) purpose driven when you look at a problem, be clear about what you want to achieve with your assessment. Helps to develop TORs for the expert you need.

## Annex I. Participants

<b>Name</b>	<b>Affiliation</b>
Erin Beasley	Conservation International
Katherine Blackwood	IUCN
Robbie Bovino	TNC
Margarita Caso Chavez	National Institute of Ecology and Climate Change (INECC), Mexico
Felix Diesner	ZUG/BMU
Johannes Forster	Helmholtz Centre for Environmental Research (UFZ)
Chiara Franco	TNC
Alexandra Gamboa	Rare
Britta Garfield	Smithsonian Institution
Xiaoting Hou Jones	IIED
Val Kapos	UN Environment WCMC
Josh Lee	TNC
Lorena Martinez	IUCN Environmental Law Centre
Michael Mullan	OECD
Ali Raza Rizvi	IUCN
Hannah Reid	IIED
Juliana Ribeiro	Boticario Group Foundation
Frederik Stapke	Rare
Jessica Troni	UN Environment
Fernando Veiga	TNC

## Annex II. 2018-2019 FEBA Working Groups

1. Monitoring and Evaluation of EbA – chaired by Andrea Bender, GIZ
2. Outcomes of the Third EbA Knowledge Day – chaired by Katherine Blackwood, IUCN
3. EbA+10: Ten Countries Championing Transformational Adaptation – Chair TBD
4. EbA+10: Ten examples of green-grey infrastructure; how building with nature works in practice – chaired by Katherine Blackwood, IUCN
5. School of Hard Knocks: (Anonymous) Cases of Lessons Learned from Mistakes, Chair TBD
6. Communicating EbA “Beyond the Green”; the importance of terminology when talking to other sectors – Chair TBD
7. Can I eat EbA? – Chair TBD, interest from Rare, FAO
8. Creating a Wikipedia entry for EbA – co-chaired by Shaun Martin, WWF-US, Katherine Blackwood, IUCN
9. How EbA addresses each of the SDGs – chaired by Tristan Tyrrell, SwedBio at Stockholm Resilience Centre
10. Governance enabling conditions for scaling up EbA – Chair TBD
11. Creating a Massive Open Online Course (MOOC) on EbA – Chair TBD

For more information on the Working Groups, contact [Katherine.Blackwood@iucn.org](mailto:Katherine.Blackwood@iucn.org).

### Annex III. Updates from FEBA members not in attendance

Name	Affiliation
Camila Donatti	Conservation International
Srilata Kammila	UNDP
Pradeep Kurukulasuriy	UNDP
Tristan Tyrrell	SwedBio at Stockholm Resilience Centre

**Srilata Kammila (UNDP)** - The Government of India took an important step toward its goals for low-carbon, climate-resilient development today with the approval of a US\$43 million grant from the Green Climate Fund, supporting climate resilience of millions of people living in the coastal states of Andhra Pradesh, Maharashtra and Odisha. The project, supported by UNDP, enables the Government of India to enhance the resilience of vulnerable coastal communities to climate change through ecosystem-based adaptation (EbA). The project combines GCF grant finance with significant leveraged co-finance to shift the paradigm towards a new approach integrating ecosystem-centred and community-based approaches to adaptation into coastal management and planning by the public sector, the private sector and civil society. This will be achieved through investing in ecological infrastructure to buffer against climate-induced hazards, especially storm surges, supporting climate-resilient coastal livelihoods, and enhancing climate-risk informed cross-sectoral planning and governance of the coastal zone. Here is a link to the PR: <https://adaptation-undp.org/green-climate-fund-approves-us43-million-undp-supported-project-boost-climate-resilience-millions>

**Camila Donatti (CI)**: Conservation International has developed a [set of guidelines](#) on designing, implementing and monitoring EbA interventions.

**Tristan Tyrrell (SwedBio at Stockholm Resilience Centre)**: With the SCBD and the ASEAN Centre for Biodiversity, ran another regional dialogue for south, east and southeast Asia countries on incorporating biodiversity and climate change at national level policies through a series of regional dialogues with government representatives and technical experts on climate change and biodiversity regarding the extent that national policies take into consideration EbA approaches. Now leading on the development of a FEBA review of EbA & SDG links for launch before the HLPF 2019.