



# EKLIPSE

Knowledge & Learning Mechanism  
on Biodiversity & Ecosystem Services

Developing a mechanism  
for supporting better  
decisions on our  
environment  
based on the best  
available knowledge.

## EKLIPSE Draft Document of Work: CBD request

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### GENERAL INFORMATION

#### Topic of the request:

***How to enable a science-policy dialogue on biodiversity at the CBD COP-14 Science Forum?***

**What could scientists offer to the Convention on Biological Diversity for the preparation of the post-2020 agenda, in particular on the role of nature-based solutions?**

The objective of this request is to bring together and engage scientists and policy makers in a transparent dialogue, to recommend how to bring the post-2020 process forward, taking up respective work of SBSTTA and SBI.

EKLIPSE's role is to find and suggest methodologies and processes for enabling science-policy dialogue, and later facilitation on the CBD COP-14 Science Forum.

#### Requester

CBD. Spokesperson: Marco Fritz

#### Date request received:

#### Date and place of the event:

23-24 November 2018, Sharm El-Sheikh, Egypt, Venue open for COP delegates (Rio Pavillon)

#### Number of participants:

Depending on venue to be provided by CBD secretariat/Egypt. (Estimated: 120 p)

Date of first meeting with requesters and EKLIPSE KCB and methods experts:

Expected deadline for deliverables:

23-24 November 2018

EKLIPSE KCB Focal Point for the request:

Ute Jackob

EKLIPSE Secretariat contact point for the request:

Maire Vandewalle, Zoi Konstantinou, Jorge Ventocilla, Isabel Sousa Pinto, Juliette Young.

## CONTEXT AND SPECIFICATION OF THE REQUEST

### Background and policy context of the request

CBD-COP-14, which is taking place from 17-29 November 2018 in Sharm El-Sheikh is instrumental in investigating what could be the long-term strategic directions to the 2050 Vision for Biodiversity, approaches to living in harmony with nature and preparation for the post-2020 global biodiversity framework. Mainstreaming biodiversity and transformative change have been highlighted as indispensable solutions needed to achieve the objectives of CBD and other multilateral agreements, SDGs, and the Paris Agreement.

The African Union biodiversity summit<sup>1</sup> ahead of COP will focus on avoiding land degradation and desertification, the challenge of fast growing urbanisation and on opportunities for restoration. This gives opportunities for tackling both climate change and biodiversity loss by promoting the development and use of nature-based solutions.

Mainstreaming of biodiversity within and across sectors is a matter of good governance, leadership and building a sustainable economy within planetary boundaries based on a solid knowledge base. COP 13 has analyzed mainstreaming among sectors directly dependent on biodiversity and ecosystem services. COP 14 will address health and sectors having an impact on biodiversity, such as energy and mining, manufacturing and processing industry, as well as infrastructure. This is the overarching theme of the COP High-Level Segment on 14-15/11.

Nature-based solutions are highly relevant for all the topics mentioned above: they are cross-cutting measures for delivering on biodiversity and ecosystem services, they are innovative elements of transformative change, give positive incentives for mainstreaming nature into business sectors, and deliver opportunities for restoration and mitigating climate change, including in highly dynamic urbanizing areas.

### What are the objectives of the request?

The objective of this Science-Policy dialogue would be to bring together and engage scientists and policy makers in a transparent dialogue, to recommend how to bring the post-2020 process forward, taking up respective work of SBSTTA and SBI<sup>2</sup>. Focus of the event would be on recommendations of

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<sup>1</sup>“Land and ecosystem degradation and restoration: Priorities for increased resilience in Africa” 13/11

<sup>2</sup> See e.g. SBSTTA/22/INF/31=SBI/2/INF/33, SBSTTA/22/INF/36, SBI/2/INF/26, SBI/REC/2/19, CBD/SBSTTA/21/INF/19.

science for the post-2020 process and agenda, enabling a transition towards the 2050 vision, mainstreaming biodiversity into specific sectors, strengthening restoration of degraded ecosystems. It can open new pathways to accelerate implementation of nature-based solutions for nature, people and the economy across different sectors, and on engaging wider parts of the society.

### Specific tasks for EKLIPSE

- Provide List of potential Speakers (i.e., who is attending COP, who should speak)
- Mobilize scientific community
- Participant List
- Dissemination Campaign
- Facilitation

### What is the spatial scale of the request?

The facilitation will be provided at the 4th Science Forum, with an expected number of 120 participants. However, the results of the Science Forum will be presented to the CBD plenary with implications of global scale.

### What is the level of controversy?

### What sources of knowledge should be included?

- Methodologies and processes for enabling science-policy dialogue.

### What types of knowledge synthesis and information are useful or acceptable?

- Facilitation techniques and methodologies

### What methods or approach could be envisaged?

### Expected outputs

- Participants of the science-policy dialogue will exchange diverse perspectives on the subjects, showcasing innovative solutions and tools to address technical issues to topics discussed during COP.
- Conclusions and recommendations of the Science-Policy forum will be presented to plenary under item 22.
- Suggestions for further uptake of the outputs of the Science-Policy forum in COP processes, such as SBSTTA 23 and 24 and SBI 3.

### Time frame of the request – by when would results be needed?

Overall very narrow timeline

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### DRAFT ANNOTATED AGENDA 23/11/18

09:00 Opening session

Information about Science Forum Program (Moderator, Facilitator)

Opening address (IUBS)

09:30 ***A framework for transition***

Transitions are defined as long-term processes of disruptive and non-linear systemic change in complex societal systems, such as economic sectors or regions. As transitions imply break-down and destabilization of the regime while, at the same time, future pathways and outcomes are

still unclear, they often involve a high degree of uncertainty. The future outcomes of emerging transitions will be largely dependent upon collective actions and decisions made in the coming years. Witnessing different signals of destabilization can identify rapidly emerging and diffusing niches. Therefore, it is important to focus on desired transitions and how to increase the chances to realize them.

*What is possible? What is necessary?*

**Speaker 1:** Introduction – “Framing transition and transformational change from global to local level: Why and how?” – 20’ minutes

**Speaker 2:** Post 2020 framework and vision to 2050 – “Incorporating transitions to our common future – the role of science, policy and society” – 20’ minutes

**Speaker 3:** “Nature-Based Solutions (NSB) for successful transitions regarding social-ecological systems, biodiversity and ecosystem services – priorities for research and policy” – 20 minutes.

**Objective of the session:** Setting the ground for broader understanding of transitions and the need for social-ecological transformations with views from key scientists. What is the role that research should take? Re-thinking of the concepts keeping in mind the post 2020 framework and the vision towards 2050. How can NBS be mainstreamed in this vision, in order to allow us to achieve development goals in a more sustainable manner? What should be our expectations and what should be our priorities?

10.45 Coffee break

11.00 Discussion on the role of science in achieving social-ecological transitions, future research priorities and how can NBS facilitate the concept. (Also the role of CBD and IPBES processes in this?) [Collection of key points to structure the final input]

13.00 Lunch break

14:00 ***Advancing solutions for transition (through mainstreaming)***

14.00-14.45 Mainstreaming energy and mining [Key speaker 15’ + Discussion and in parallel collection of key points]

14.45-15.30 Mainstreaming manufacturing and processing industry [Key speaker 15’ + Discussion and in parallel collection of key points]

15.30-16.15 Mainstreaming infrastructure [Key speaker 15’ + Discussion and in parallel collection of key points]

16:15 Coffee break

16:30-17.15 Mainstreaming health [Key speaker 15’ + Discussion and in parallel collection of key points]

**NB:** Only if we find enough speakers for all 4 topics. Otherwise, change topic to objective of the HLS declaration in general, and focus on how mainstreaming could help with transition, through implementing NBS, innovation and financing

**Objective of the session:** To collect key points/actions through which research (particularly NBS research?) can assist in mainstreaming biodiversity with the aforementioned activities

17:00-18.30 Synthesis, with recommendations to COP to consider the outputs of the science-policy forum for their further work >>Science –policy panel

#### DRAFT ANNOTATED AGENDA 24/11/18

09:00 Opening session

Information about Science Forum Program (Moderator, Facilitator)

Recap of first day

09:30 ***Increasing resilient solutions for restoration***

What is possible? What is necessary?

Links to the African summit results, regarding NBS approaches to restoration, urban innovation and financing NBS in post-2020 and the way forward

Objective of the session:

11:30 Coffee break

12:00 Discussion + Collection of key points

13:15 Lunch

14.15 ***The role of scenarios & models for pathways towards the 2050 agenda***

**Speaker 1:** Introduction – “CBD and IPBES processes on scenarios & models, reporting from process during COP ahead of Science Forum (David to give details)” – 20’-30’ minutes

14:45 ***Scale and scope of actions towards the 2050 vision***

What is possible? What is necessary?

How can the scientific community help with evidence and tools for the post-2020 framework?  
How can the scientific community relay on the work done by CBD and IPBES to identify needs and priorities?

Objective of the session:

15:30 Coffee break

15:45 Discussion + Collection of key points

17.00 Closing panel with CPP, CBD exec secretary, COP president, etc

18.00 Break (sandwiches provided)

18.15-19.30 Synthesis, with recommendations to COP to consider the outputs of the science-policy forum for their further work

19.30 End of Science Forum

### Other organizers' functions:

**International Union of Biological Sciences, IUBS:** The International Union of Biological Sciences has engaged in organizing forum to bring scientists closer to the policy since 2006. It will put together the programme, with all partners; bring ~ 3 speakers to the meeting and cover lunch expenses.

**European Commission, DG Research and Innovation:** Contribute with facilitation of the dialogue and bringing the science-policy dimension to the dialogue (including inviting speakers and the EKLIPSE science-policy platform as facilitator). Budget for covering 5-10 speakers. Support for output documentation.

**Ministry of Environment, Egypt:** Provide the venue, information and contacts to facilitate the organization of the programme, the logistics details of the meeting and provide the venue space. Ideally the ministry should designate a contact person to coordinate details of the forum. Facilitate the participation of scientists by extending invitations to visit Egypt and the COP. Egypt and the CBD secretariat could make the link to relevant decisions at the African Union summit and the HLS on biodiversity for NBS.

**IAI:** Contribution on organizing and bringing some scientists to the meeting. Possible meeting in Lima in September for a synthesis on IPBES regional assessment, could we have something from Africa?

### Partners' functions:

**IPBES:** Presenting contribution of IPBES to post-2020 agenda

- a) from content of assessments, output in policy support, capacity-building and knowledge generation
- b) from IPBES processes

**Bio-Bridge:** Capacity-building, based on results of round tables organised in autumn, bringing contributors to the meeting.

### Estimated material and human needs for facilitation at the Science-Policy Dialogue

#### Material:

- Plenary room with sitting chairs for up to 120 people, 5 mobile microphones, classroom setup. Projector, laptop, desks and chairs from speakers at the front, podium for the speaker
- 5 break out rooms for up to 20 people sitting, in the vicinity of the Plenary room. Sitting on a round or rectangular table.
- Post-its in at least 3 different colours, markers in different colours, 2 flip-boards per break-out room, incl. in the plenary room.
- Near-by room for the coffee-break and sandwich breaks.

#### Human:

- 1 moderator
- 2 facilitators per breakout room (12 in total)
- Speakers
- 6 note-takers (1 per break out room + plenary)
- 2 "microphone aids" for questions from the audience in plenary

## REFERENCES

### SCOPING OF THE REQUEST

**Summary of GotoMeeting regarding Request 7. How to enable a science-policy dialogue on biodiversity at the CBD COP-14 Science Forum?**

#### Participants

Marco Fritz

David Cooper

Isabel Sousa Pinto

Ute Jacob

Juliette Young

ZoiKonstantinou

Jorge Ventocilla

Marie Vandewalle

Josefina Enfedaque

Lily Rodriguez

Nathalie Fomproix

For future correspondence we have an email list:[cbd\\_cop14@eklipse-mechanism.eu](mailto:cbd_cop14@eklipse-mechanism.eu)

People in this mailing list are:

Marco Fritz, Josefina Enfedaque, Lily Rodriguez, Nathalie Fomproix, Ute Jakob, Isabel Sousa Pinto, Allan Watt, Heidi Wittmer and the EKLIPSE Secretariat, i.e Juliette Young, ZoiKonstantinou, Jorge Ventocilla and Marie Vandewalle. (THANK YOU Marie)

#### Summary ofGoToMeeting

- David Cooper: confirms that the envisaged capacity building event can be held during COP14. Proposes two possible dates 18.11/19.11 or 23.11/24.11  
23.11/24.11 to be confirmed
- David Cooper: encourages the meeting to provide Science to inform elements of the long-term goals and targets (2030/2050)

Subsequent Question: What can be done to inform the post 2020 targets and 2050 targets.

General Thoughts:

- What are the post 2020 targets?
  - This is what the targets should be ...(not a single target setting)
  - This is what science says...
  - We need a long-term vision on what is possible and a reality check of feasibility and necessity
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- Marco Fritz: How will the meeting look like?
    - 120 participants, not too many speakers, more so a forum/exchange format
    - 1 plenary room, 4-5 Breakout Groups
    - Output: How can science inform the post 2020 framework? (Document, finalized at the meeting)
    - Gender and Geographical Balance (Focus on inviting representatives from Egypt)
    - 5 Facilitators (2 from EKLIPSE including the main facilitator, 3 organized by Marco)

EKLIPSE ToDo List

- Follow up on request
- Comment on the new Concept Note which Marko will send (identify speakers for different topics)
- Provide List of potential Speakers (i.e., who is attending COP, who should speak)
- Mobilize scientific community
- Participant List
- Dissemination Campaign
- What technical resources are needed
- Important Note: Eklipse not involved in regular housekeeping

Next steps:

EKLIPSE call Wednesday, 26.9.2018

Joint call Thursday, 27.9.2018

1<sup>st</sup>Meeting with the requester

Call for knowledge

Literature screening

Policy relevance of the request

Suggested way forward from the scoping

## CARRYING OUT THE REQUEST

2<sup>nd</sup> Meeting with the requester

ANNEX 1: Minutes of the 1<sup>st</sup> meeting with the requester



ANNEX 2: Call for Knowledge

Dissemination of the call for Knowledge via KNOCK Forum

Text of the Call for Knowledge

ANNEX 3: Literature Screening

ANNEX 4: Minutes of the 2<sup>nd</sup> meeting with the requester

ANNEX 5: EKLIPSE energy request: draft methodological protocol v2-04.07.2018

ANNEX 6: Terms of Reference/service description for the research assistant