



**FEBA**  
Friends of Ecosystem-based Adaptation



**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH

Supported by:



Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety

based on a decision of the German Bundestag

# 6<sup>th</sup> EbA Knowledge Day

## 8 June 2020

### Documentation

All presentations, videos, also available at

[www.eba-knowledge-day.plazz.net](http://www.eba-knowledge-day.plazz.net)

(for registered participants, login data required)

# Background

Ecosystem-based adaptation (EbA) has the potential to provide combined solutions for climate change and biodiversity loss. Leading up to the UNFCCC COP 26, the CBD Post-2020 biodiversity framework and the UN Biodiversity Summit, the moment is opportune to discuss how EbA can be a vehicle to use and maximize the synergies between climate change and biodiversity agendas.

The 6<sup>th</sup> EbA Knowledge Day addressed the opportunities, challenges and examples of linking climate change and biodiversity conservation efforts through EbA. Policy makers, practitioners, donors and researchers came together with the opportunity to exchange ideas and experiences through a series of interactive sessions.

Time	Content	Inputs
12.30 GMT	Check-in	Technical support available
13.00	Welcome & Opening by organizers	Ali Raza Rizvi, IUCN and Arno Sckeyde, GIZ
13.15	Welcoming remarks by BMU-IKI	Philipp Behrens
13.30	Reports from the Ministers - <b>"Mainstreaming EbA in Policy to Bridge the Gap Between Climate and Biodiversity"</b>	Ministers from Peru, Costa Rica, Jordan, Pakistan, and Egypt
14.00	Virtual Coffee Break	
14.15	Panel: <b>"Maximizing the Potential of EbA through Global Policy Priorities"</b>	<i>Representatives from BMU-IKI, UNFCCC, GCF, and policy officials</i>
14.45	Wrap-up, final remarks and Q & A	Moderated by Ali Raza Rizvi, IUCN
15.45	Virtual Coffee Break	
16:00 - 17:00	<b><u>"EbA in action"</u></b> 8 interactive sessions on agriculture, water and wetlands, dune and mangrove restoration, NAP and more including examples from Vietnam, Guatemala, India and the Nile Basin	
17:00	Feedback session	Arno Sckeyde, GIZ and Ali Raza Rizvi, IUCN
17.15	End of the official program	
Until 18:00	Optional: "social space" & open microphone for all participants	

# Welcome by organizers

## Ali Raza Rizvi, IUCN, and Arno Sckeyde, GIZ:

- ❖ In the COVID-19 world, climate change impacts are further exacerbating the vulnerability of people – but EbA can holistically increase community resilience
- ❖ EbA *is* nature-based solutions for adaptation!
- ❖ EbA measures are often based on known techniques - particularly in the fields of agriculture, forestry, water and landscape management
- ❖ The main challenge for effective EbA mainstreaming lies in the need for strong political will from the highest level



# Philip Behrens

**Head of Division, German International Climate Initiative, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU-IKI)**



The recording of the welcome remarks is available [here](#)

- ❖ EbA is a key success of BMU IKI portfolio, more than EUR 250M invested
- ❖ Pipeline of 9 new, large projects, >100 Mio €, incl new EbA Global Fund with 20 Mio €, to support upscaling
- ❖ COVID-19 provides a window of opportunity to find other ways to scale up implementation, expanding beyond the green niche into green solutions that can be widely applied to public health & economic recovery.

# Remarks by ministers

## Remarks by ministers (video)

- ❖ Hon. Carlos Manuel Rodríguez, MOE Costa Rica
- ❖ Hon. Fabiola Martha Muñoz Doderó, MOE Peru
- ❖ Hon. Malik Amin Aslam, MOE Pakistan
- ❖ Hon. Saleh Al-kharabsheh, MOE Jordan
- ❖ Hon. Yasmine Fouad, MOE Egypt

Recording available [here](#)

## Followed by panel discussion

- ❖ Philipp Behrens, BMU-IKI
- ❖ Fatema Rajabali, Adaptation Program, UNFCCC
- ❖ Sakhile Koketso, Green Climate Fund
- ❖ Barney Kgope, Department of Environmental Affairs, South Africa
- ❖ Angela Andrade, CI Colombia

**Moderator:** Ali Raza Rizvi, IUCN

Recording available [here](#)

# Hon. Yasmine Fouad

Minister of Environment, Egypt

“I call upon the international community in all its segments -- developed and developing countries... youth, parliamentarians, NGOs, media, private sector, researchers as well as policy makers -- to collaborate in unity and think through how best we can work in solidarity and cooperation for ambitious biodiversity targets, which are realistic and implementable with sufficient resources. ”



# Hon. Carlos Manuel Rodríguez

Minister of Environment and Energy, Costa Rica



- ❖ Development challenges can be addressed cost-effectively by understanding how we can use nature to solve these challenges
- ❖ Key example of EbA in CR: payment for ecosystem services to farmers and indigenous communities
- ❖ PES has been instrumental in restoring 25-30% of forests while supporting productive activities, has increased resilience especially in the water sector.

# Hon. Saleh Al-kharabsheh

**Minister of Environment, Jordan**

- ❖ Biodiversity and ecosystems must be considered within climate change policies, strategies and action plans.
- ❖ Project on mainstreaming ecosystem-based adaptation led by the MoE enhanced the understanding of ecosystems services and the links to community engagement.
- ❖ EbA offers a cost-effective strategy for adaptation which can provide communities with lasting resilience and benefiting biodiversity and the ecosystems on which they depend.





# Hon. Fabiola Martha Muñoz Doderó

Minister for the Environment, Peru



- ❖ Peru is an example of the importance of public policy decisions that prioritise populations such as indigenous peoples but also measures based on biodiversity and ecosystems.
- ❖ Peru has a participatory process in the elaboration on the Framework Law on Climate Change that is extremely inclusive and decentralised.
- ❖ Indigenous communities have been actively engaged in the consultation process providing ideas to the development of the law.

# Hon. Malik Amin Aslam

**Federal Minister, Climate Change Adviser to Prime Minister of Pakistan**

- ❖ Pakistan's experience with the billion trees project resulted in unplanned co-benefits including restoring habitats and bringing back wildlife, enriching biodiversity and increasing the livelihood opportunities for the people in the area. This last point is crucial in a post-COVID context. EbA in the example of Pakistan provides a bridge between nature and the creation of green jobs.
- ❖ "If you invest in nature, nature always pays you back."



# Panel discussion: “Maximizing the potential of EbA through global policy priorities”

- ❖ Philipp Behrens, BMU-IKI
- ❖ Fatema Rajabali, Adaptation Program, UNFCCC
- ❖ Sakhile Koketso, Green Climate Fund
- ❖ Barney Kgope, Department of Environmental Affairs, South Africa
- ❖ Angela Andrade, CI Colombia
- Moderator:** Ali Raza Rizvi, IUCN



## Selected key messages:

- ❖ EbA is the perfect bridge to bring together nature and climate and to fight both crises, biodiversity and climate. 2020 is the super year for biodiversity and also the year for climate change and EbA is an opportunity to link those.
- ❖ We would not have been as successful with the climate agenda without the engagement and protest action spearheaded by the youth
- ❖ COVID-19 has laid bare the inequalities that challenge the achievement of NDCs and priorities, but is also a reminder that humans and nature are deeply connected. Our creativity and innovation can rise to addressing the challenges
- ❖ EbA and ecosystem restoration has great potential for creating job and training opportunities as a key aspect of green recovery from COVID-19. We have the opportunity now to build back better to a more green and resilient world.

Recording available [here](#)

# EbA in Action -Interactive Sessions

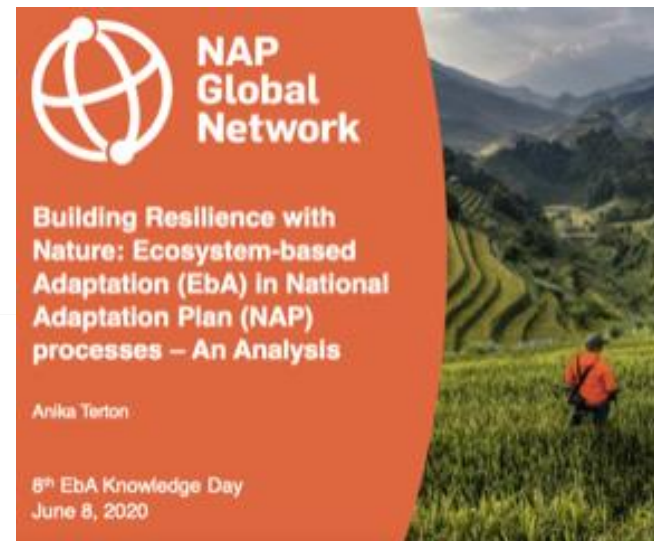
<b>16:00</b> — <b>17:00</b>	<b>EbA in Agriculture: changing our perspective (2x 30 min.)</b> A. Amrein 📍 📄 Breakout Room 4
<b>16:00</b> — <b>17:00</b>	<b>EbA in a Water and/or Wetlands Context - Solutions that work (1x60 min.)</b> J. Sanchez, L. Akwany, S. Lotha Laiser, D. Jara, A. Salazar-... 📍 📄 Breakout Room 5
<b>16:30</b> — <b>17:00</b>	<b>Introduction and Consultation on the EbA Guidelines for NAPs (1x 30 min.)</b> Mr G. Karki, R. Kohli, L. Bernhardt 📍 📄 Breakout Room 1
<b>16:00</b> — <b>16:30</b>	<b>Building Resilience with Nature: EbA in NAP Processes – An Analysis (1x 30 min.)</b> A. Terton 📍 📄 Breakout Room 1
<b>16:00</b> — <b>16:30</b>	<b>EbA on the North Central Coast of Vietnam (1x 30 min.)</b> H. Dac Thai Hoang, M. Roth, T. Pistorius 📍 📄 Breakout Room 2
<b>16:00</b> — <b>17:00</b>	<b>Assessing EbA effectiveness – case studies from Guatemala and India (2x30 min.)</b> D. de Condappa, L. Benavides, M. El Fassi 📍 📄 Breakout Room 3

The parallel „Eba in Action“ interactive sessions were not recorded.  
However, all presentations can be found at the end of this documentation!

# EbA in National Adaptation Plans

Speaker: Anika Terton, IISD

- ❖ Most NAPs consider ecosystems as a standalone sector; and most recognition of ecosystems is in very broad and generic terms.
- ❖ Efforts to monitor EbA outcomes , identification of financial resources for EbA and engagement of the private sector are all issues not yet widespread.
- ❖ Infrastructure itself is a big cornerstone of NAPs, but Urban EbA and hybrid options are under-represented.
- ❖ NAPs based on EbA concepts have a number of additional benefits addressing resilience, biodiversity, ecosystem services, DRR, enabling linkages to Sendai and NBSAPs.
- ❖ This detailed analysis will be published Oct 2020.





# Introduction and Consultation on the EbA Guidelines for NAPs

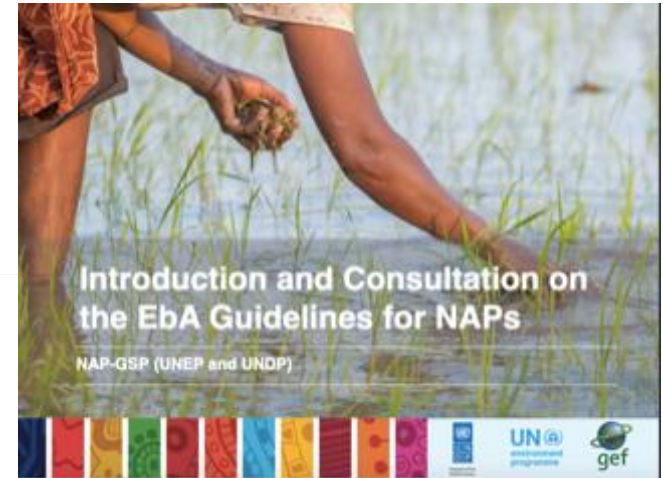
## Speakers:

Lis Mullin Bernhardt, UNEP, NAP Global Support Programme

Gyanendra Karki, project coordinator for the NAP project in Nepal

Rohini Kohli, lead technical specialist for NAPs at UNDP in Bangkok

This session introduced the new EbA Guidelines for NAPs which are being produced by the UNDP-UNEP jointly managed NAP Global Support Programme, NAP-GSP, including the draft contents/outline of the guidelines, the process and timelines



# EbA on the North Central Coast of Vietnam

Speakers:

Ho Dac Thai Hoang, Institute of Resources and Environment (IREN), Hue University

Maximilian Roth, Till Pistorius

(both UNIQUE forestry and land use)

In this session an innovative EbA approach for coastal protection was presented.

So far, more than 330 ha have been restored with native and well-adapted species, with a survival rates of approx. 90%. With a shoreline of 3,000 km and more than 760,000 ha degraded coastal forests, there is a massive potential for upscaling to increase climate resilience!





# EbA in a Water/Wetlands Context: Solutions that work

This session focussed on EbA Solutions that work in the context of water and wetlands, with examples from Africa, Latin America and Europe.

The issue of 'scaling up solutions by anchoring them into policy instruments' was a central question to the discussions during the session



## Speakers:

Juan Carlos Sanchez, GIZ Uganda

Leonard Akwany, Nile Basin Initiative

Sadiki Lotha Laiser, Nile Basin Initiative

Diego Jara, IUCN-ELC

Aracely Salazar Antón, GIZ Ecuador

Simon Thuo, Resilience Centre Nairobi

Hanna Plotnykova, UNECE /Water convention Secretariate

# Assessing EbA Effectiveness: case studies from Guatemala and India

Speakers:

Devaraj de Condappa

Lucia Benavides

Marai El Fassi (alls TMG Research Group)

❖ Preliminary results of 4 case studies on the effectiveness of EbA conducted 06/2019 – 06/2020 within the “Climate-SDG Integration project”

❖ assessment framework in three dimensions:

- (i) *helping people adapt to climate change*
- (ii) *maintaining or improving ecosystem services and biodiversity and*
- (iii) *improving participatory governance,*

❖ incl. 14 specific indicators



## Assessing EbA effectiveness

Case studies from Guatemala and India

TMG – Think Tank for Sustainability  
EbA Knowledge day - 08.06.2020



# EbA in Agriculture: Changing our Perspective

Speaker: Alexandra Amrein, GIZ

- ❖ There is a need in the EbA community to better consider small farmers (1.3 billion globally) with diverse socio-economic realities. This makes the EbA approach in the agriculture sector more complex.
- ❖ Often, EbA practices are (perceived) as more expensive, and more labour- and knowledge-intense, which may hinder wide-spread adoption. Farmers' choices are also constrained by the broader political economy.
- ❖ In order for effective knowledge building to take place in the implementation of EbA practices, it is important to invest in effective relationship building first. This requires long-term commitment to a location.



Photo credit: Neil Palmer, CIAT

# Thank you!

Going 100% virtual was a new challenge and only possible as teamwork.

We would like to thank everyone who helped to make the 6th EbA Knowledge day a full success, including

@ GIZ: Arno Sckeyde, Alexandra Amrein, Luise-Katharina Richter, Ulrich Kindermann, Leonard Lemke and Marie-Isabell Lenz

@ IUCN: Ali Raza Rizvi, Emily Goodwin, Delilah Griswold and Wendy Atieno

And the technical support team at Plazz AG.

The virtual conference space, including all videos, presentations and participant profiles, will remain open for all registered participants until October 2020 at [www.eba-knowledge-day.plazz.net](http://www.eba-knowledge-day.plazz.net)



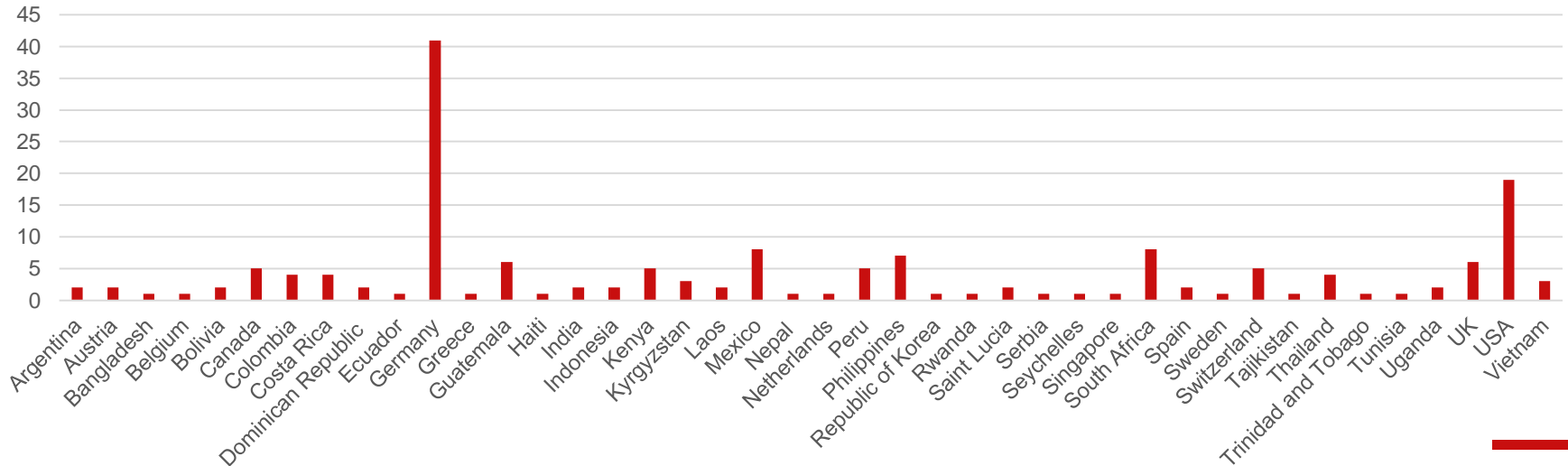
# 6<sup>th</sup> EbA Knowledge Day 8<sup>th</sup> of June 2020

A brief summary of statistics and feedback

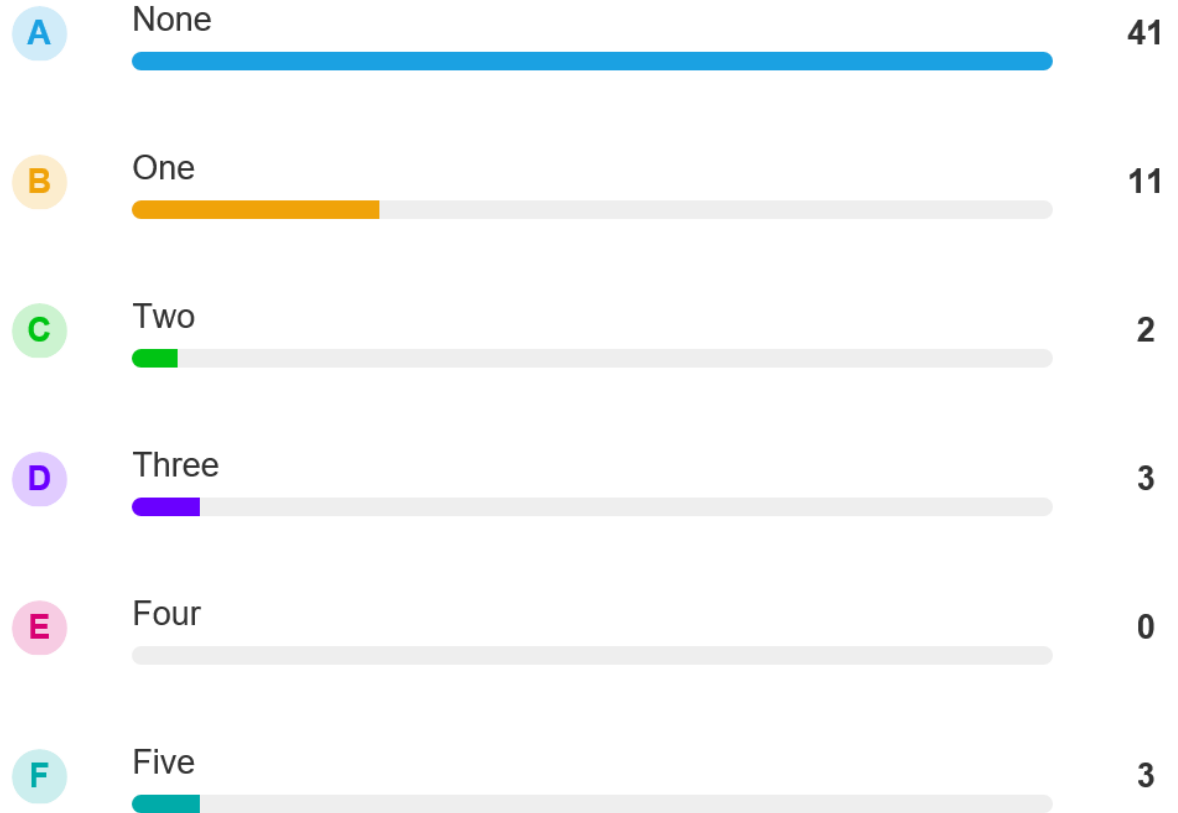
# Participant analysis



**180 participants from 42 countries and 65 organisations were active on the event site**



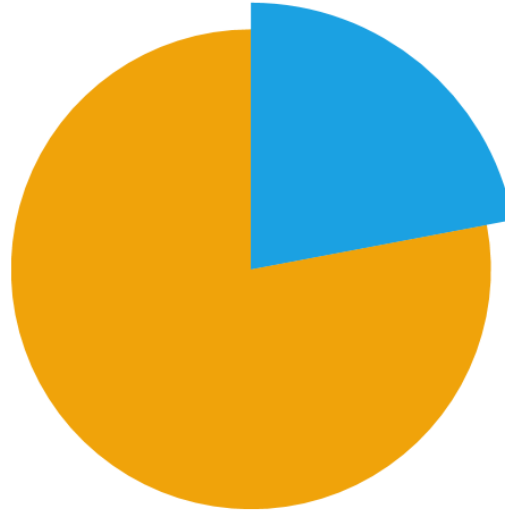
# How many previous Knowledge Days have you participated in?



# Are you participating in a FEBA working group?

A 22% Yes

B 78% No





What is your one-word goal for today?



# What did you take away from today? 1/2

- Despite the current global COVID-19 crisis, there is a big momentum for EbA and other nature-based solutions at Policy and implementation Level. Especially to make the case for EbA and job creation and multiple benefits (resilience, food, water) and to build a bridge between the upcoming UN negotiations on Climate Change and Biological Diversity in 2020/21
- Inspiration on how to connect with the local scales
- Nature-based solutions can be promoted as an economic stimulus for Post COVID Recovery Plan
- Motivation to mainstream and work more intensively in EbA.
- EbA on a community-based approach are very important
- A lot of work going on re EbA
- There are many good examples of EbA implementation that can be shared or worth disseminating. EbA will help build ecological and social adaptive capacity of people whose life is vulnerable to climate change. EbA should be integrated or linked with many sectors to make sure that it is adopted and implemented.
- That many people still operate in a "pilots" and "project" mindset. Thinking must move beyond this to provide a longer-term, more holistic vision.
- Very important updates on EbA; appreciative of the progress of how EbA International Community of Practice had its simple start way back in June 2016. Clearly from having a consensus of what EbA is and now we are talking on EbA and governance and concrete actions in various countries.
- That there are ongoing studies on EbA effectiveness. I can't wait to see the publication of the complete cases.

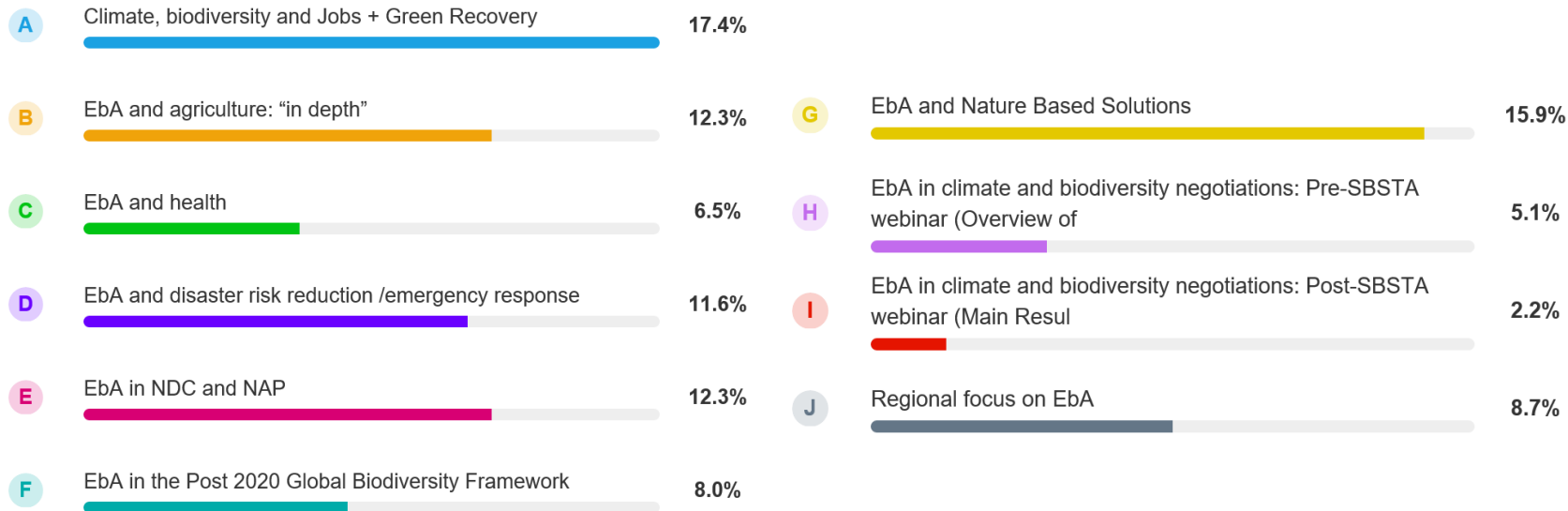
# What did you take away from today? 2/2

- We should come together with other organisations who are also working hard to monitor and measure, and overcome data scarcity!
- Experiences around the world. New methodologies to take EbA in place and practice.
- EbA is effective and it is feasible to implement, although there are many challenges to overcome.
- I great overview about EbA concept evolutions, as well as analysis about EbA in NAPs
- Hope for EbA being mainstreamed.
- Recommendations on how to bridge the gap between climate change and biodiversity agenda within the water and wetlands context.
- EbA NAP relation
- A great opportunity to expand the traditional EbA Knowledge Day and reach a wider audience.
- EbA has advanced into policy instruments. Next challenge, financing and implementation.
- We are potentially at a critical turning point and need to work very hard as an EbA community to advocate for the role of EbA across all sectors and for it to support recovery plans and new sets of global policies.
- It was very exciting to attend my first EbA Knowledge Day. I'm taking with me some very useful first-hand insights from country representatives, practitioners about key elements to increasing the uptake of EbA; what are their challenges, their main lessons learnt and best practices.
- Many learning about EbA
- "some good contacts of NGOs and think tanks working in Eba"
- Green recovery and youth engagement

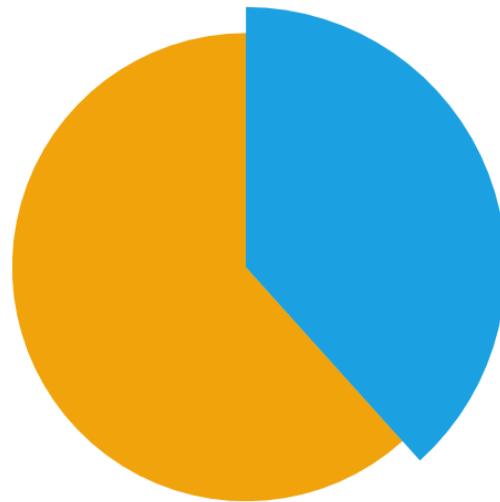
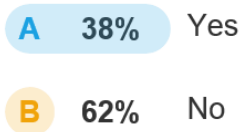
# Matchmaking: What are people interested in?



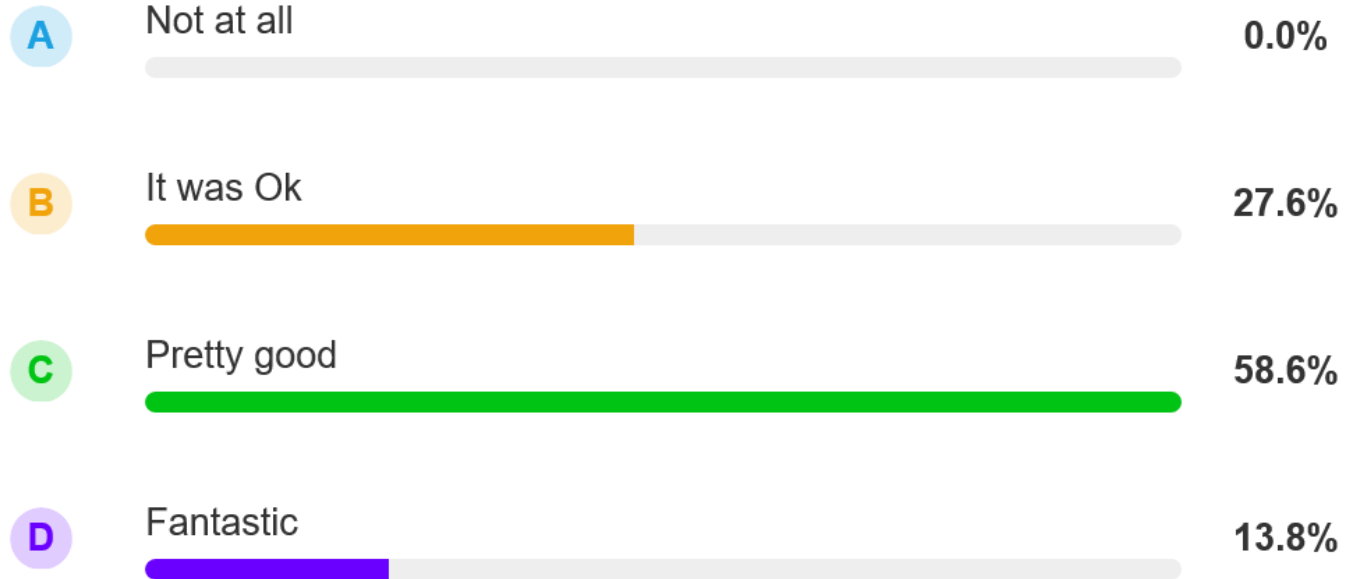
# Which Webinar topics are you most interested in?



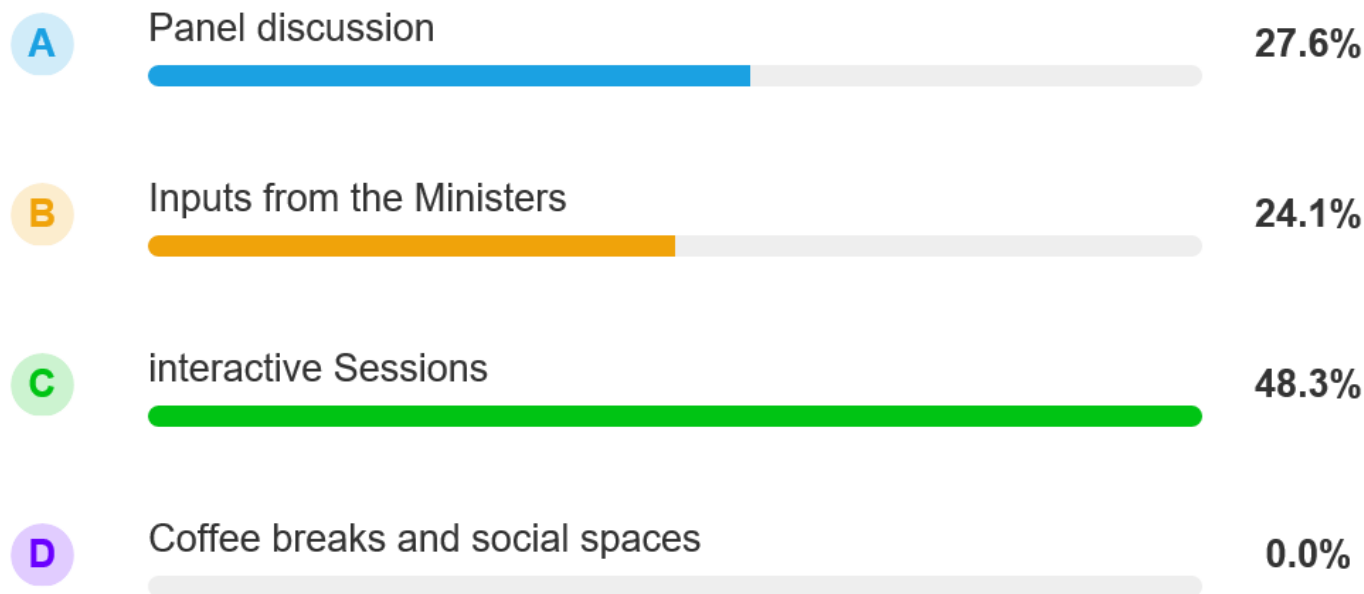
# Have you already read the new M&E guidebook?



# How did you like the content of the 6<sup>th</sup> EbA Knowledge Day?



# Which element of the 6<sup>th</sup> EbA Knowledge Day did you like THE MOST?





# What could be improved? 1/2

- It was a very good Event with a nice mix of high Level Policy Inputs and practical implementation experiences as well as highly interactive Elements. Probably less is more so it might be an option to provide a Little less options as it was a bit overwhelming at the beginning. Also having the EbA Knowledge day in two different time zone blocks could be interesting.
- The time in the agenda was confusing since I am in another time zone, maybe the agenda could have stated the time zone more clearly.
- Schedule probably
- It was my first EbA Knowledge day and I don't have any suggestion. It was very interesting and very well organized. Hope to participate in future events!!!
- Present more project examples going more into detail of the challenges for implementation
- It is hard to do breakout sessions in a virtual format - might have to rethink the length and how to do them so people stay engaged
- Consider doing the next events online as well. It was great to be able to participate. Great platform!
- More time for the interactive sessions and sharing of more case studies.
- time is for sue the biggest constrain because in my country this 8.00 pm to 01 am on 9th June, so maybe split sessions in two days
- More interaction among participants
- Preliminary readings and information shared with the participants.
- Time slots were just too short.

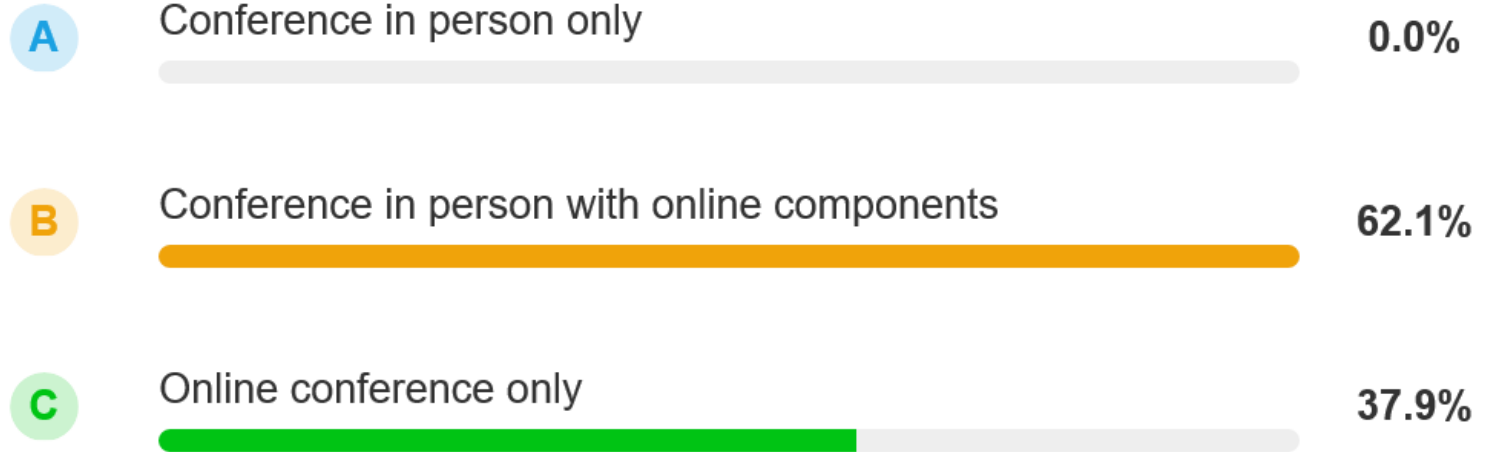
# What could be improved? 2/2

- Timing/schedule... too late for our time zone
- I would shorten a bit the reflection part and give more time to interactive and case studies sessions.
- More strengthening of capacities.
- Welcome more input from participants (like short pitches, virtual poster sessions, etc.)
- Have more time to discuss topics
- Engagement between participants.
- Online events such as this enable most of us to attend, learn and share...therefore make them longer (2 days) and shorter hours
- It is ok - continue
- Maybe hold the EbA Day twice in a row to accommodate different time zones.
- Panel discussion very long. The overall programme too ambitious. The event ended up with 30 people, and started 220 people. Technical difficulties with the breakout groups water / India - Guatemala
- If you are to run more virtual events like this, it would be good to have more time for attending market places, and more discussion, e.g. virtual break out groups in coffee breaks, and/or included in market places.
- The event was very very good!
- Would be interesting too, case studies about how cities in emerging countries are adopting EbA within Urban infrastructure.
- a 3d set up to 'visualise' who is in the room (interests, affiliations)
- More technical sessions on EbA strategies

# Is there anything else that you would like to share with us?

- You did a fantastic job! I am a great fan of the online events, yet the networking and interacting with the content of the session is a challenge for me online. Therefore I still think that in-person knowledge days have great value, maybe this could be organized regional hubs?
- Time allotted for the Panel Discussion is quite long
- thanks for trying this out! Appreciate the effort!
- "The Knowledge day was well organised with very good time keeping. "
- Thanks!
- Thank you for a stimulating Knowledge Day!
- Go, go, go for EbA scaling up in a post pandemic scenario.
- Thank you for organizing this Knowledge Day so we could all enjoy from this gathering despite the present health situation.
- Thanks so much, all of you did a great work!!
- Inspired to continue working in EbA!
- I would be interested in "EbA Governance" and methods for that for one of the next webinars, we are having an experience using MAP as a method for EbA governance.
- Well done! For the first time I think it was very well organized. :)
- I believe is not about only online, or only in person; personally I feel is more about preparedness, and as the meeting was too ambitious, have also the feeling that important organizational aspects were left behind.
- Many thanks for organising and putting together this great event.
- "Thanks a lot for this participation scenario. There was great!"
- Thanks for organizing FEBA. Great effort in these changing circumstances!

# What would be your preferred form of future Knowledge Days?



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