

**GEF Regional Programming and Strategy Workshop for LDCs**

**April 25, 2023    Dakar, Senegal**

***Rosina Bierbaum, Ph.D. STAP chair***



# What is STAP ?

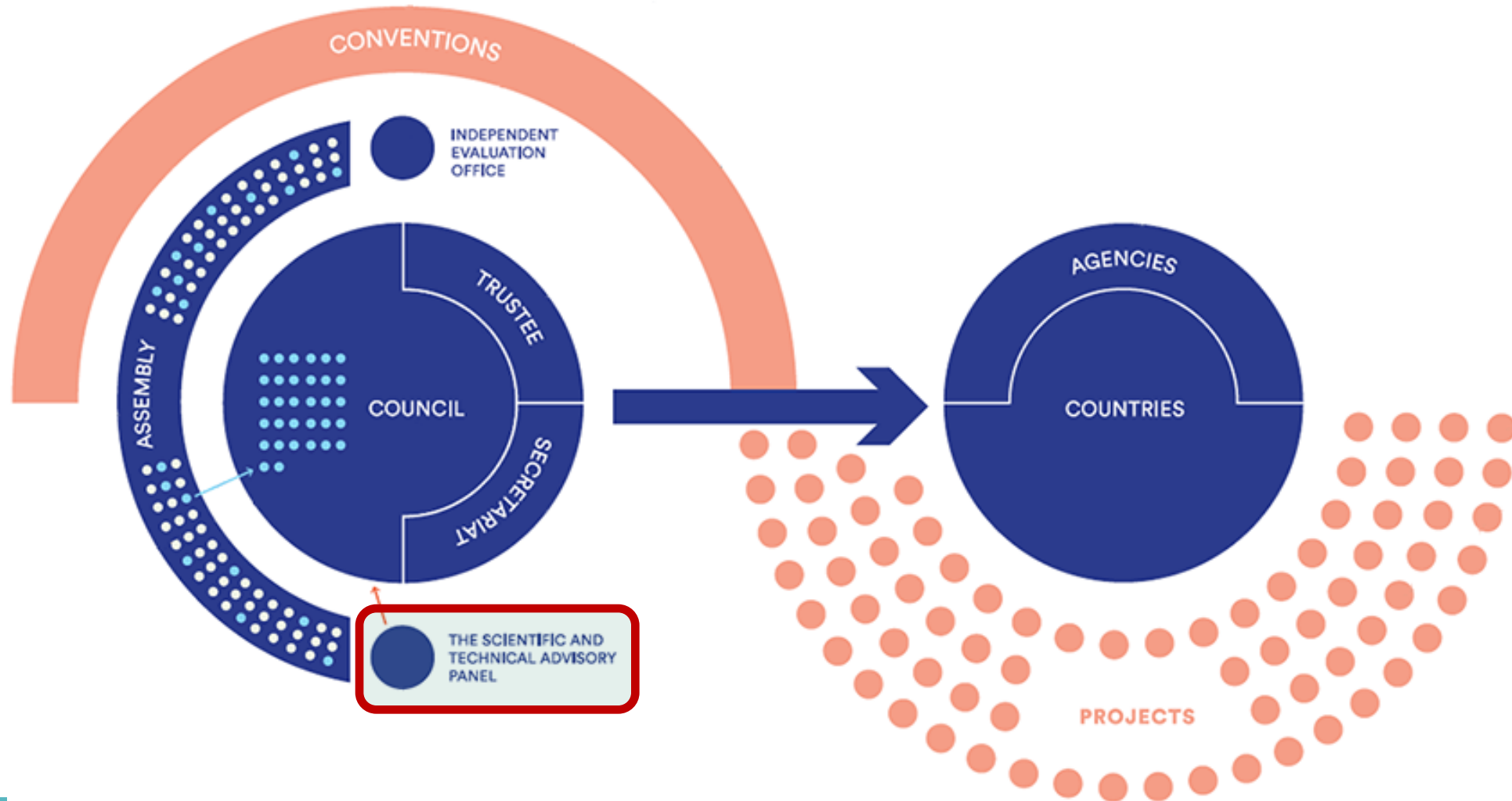
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STAP provides independent scientific and technical advice to the GEF Council on projects, policies, and programs.





# STAP in the GEF Partnership



# Scientific Technical and Advisory Panel

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**Mark Stafford Smith**  
*Advisor to Chair*



**Rosina Bierbaum**  
*Chair*



**Chris Whaley**  
*Advisor to Chair*



**Ngonidzashe Chirinda**  
*Climate Change  
Mitigation*



**Edward Carr**  
*Climate Change  
Adaptation*



**Miriam Diamond**  
*Chemicals and Waste*



**John Donaldson**  
*Biodiversity*



**Graciela Metternicht**  
*Land Degradation*



**Blake Ratner**  
*International Waters*

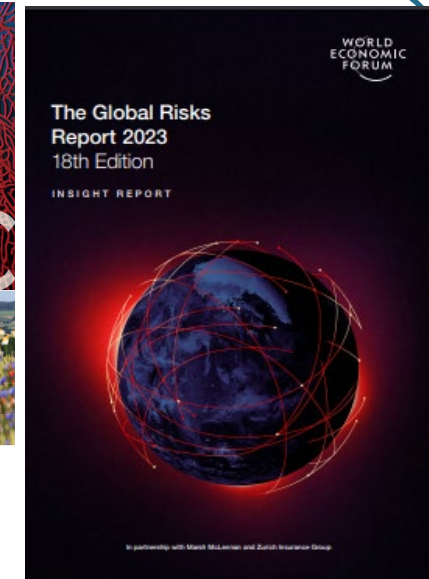
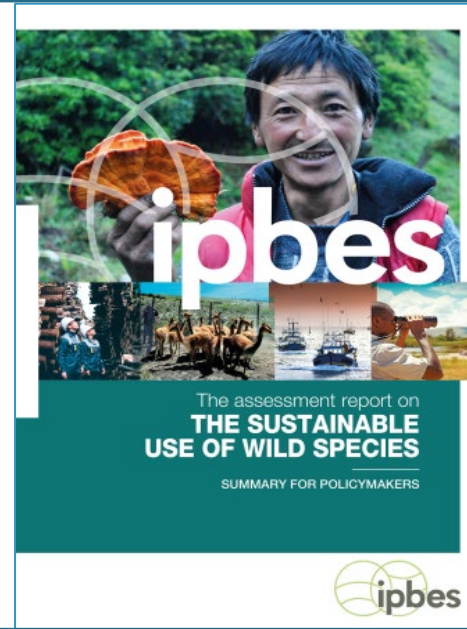
# STAP has two main roles in the GEF Partnership

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## Advice

- recent science
- GEF's strategy
- technical advice on good project design
- topics, e.g. circular economy, nature-based solutions.

(<https://stapgef.org/resources>)



2

Reviews projects above \$2mn & Integrated Programs





# STAP's role in screening projects

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To ensure that:

- the principles of good project design are applied
  - projects are scientifically and technically sound
- STAP's has a formal screening template
- <https://www.stapgef.org/resources/advisory-documents/stap-guidelines-screening-gef-projects>



# Eight enabling elements

Applied consistently but lightly at the PIF stage, in the *Project Rationale* and *Project Description*

Then developed more fully by CEO endorsement (and in implementation)



1. Apply systems thinking and theory of change



2. Engage the right stakeholders



3. Pursue integrated outcomes



8. Support learning with knowledge management

**Linking to maximize enduring benefits from GEF investments**

4. Foster intentional behavioural change



7. Ensure robustness to future change



6. Scale for systems transformation



5. Invest in purposeful innovation

# A typology of adaptation benefits

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- IPCC noted that adaptation projects were often **fragmented**
- Adaptation projects need a clear rationale:
  - **exposure**
  - **sensitivity**
  - **adaptive capacity**



Mangrove reforestation project in Senegal.

(Image: Clement Tardif / Greenpeace). Accessed from [Chinadialogue.net](https://chinadialogue.net)



# A decision tree for adaptation rationale

- Climate adaptation projects benefit from having a clear rationale
- STAP has developed a 'decision tree' to aid project with four main elements:
  - Decide whether adaptation is required
  - Identify projects to meet a recognized need
  - Ensure projects complement current efforts
  - Maximize synergies and minimize trade-offs



A rickshaw puller covers his face from the heatwave as temperature touches 44 degrees, in New Delhi on Wednesday. (ANI Photo)

India recorded the [hottest March in 122 years](#) in Delhi.

<https://stapgef.org/resources/advisory-documents/decision-tree-adaptation-rationale>

# STAP advice in multi-trust fund projects

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- Eritrea (10789): Climate resilience and sustainable natural resource management and livelihoods in Eritrea (South-Eastern Escarpments and Adjacent Coastal Areas)
- Mali (10687): Climate security and sustainable management of natural resources in the central regions of Mali for peacebuilding
- Benin (10166): Strengthening human and natural systems resilience to climate change through mangrove ecosystems conservation and sustainable use in southern Benin

# Take away messages from multi-trust fund projects

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- Adaptation (and scaling) requires attention to behavioral change - cultural values, norms, other social issues strong (but harder to achieve) levers of systems change
- Every GEF project requires thinking about adaptation consequences – key for enduring benefits
- Simple future narratives are therefore a must!



# Thank you!

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Tiny cub pawprints of West African lions once again dot the soil in Senegal's Niokolo-Koba National Park thanks to Florence, a 10-year-old lioness deemed the Park's matriarch. 3 cubs! **HAPPY EARTH DAY!**

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