

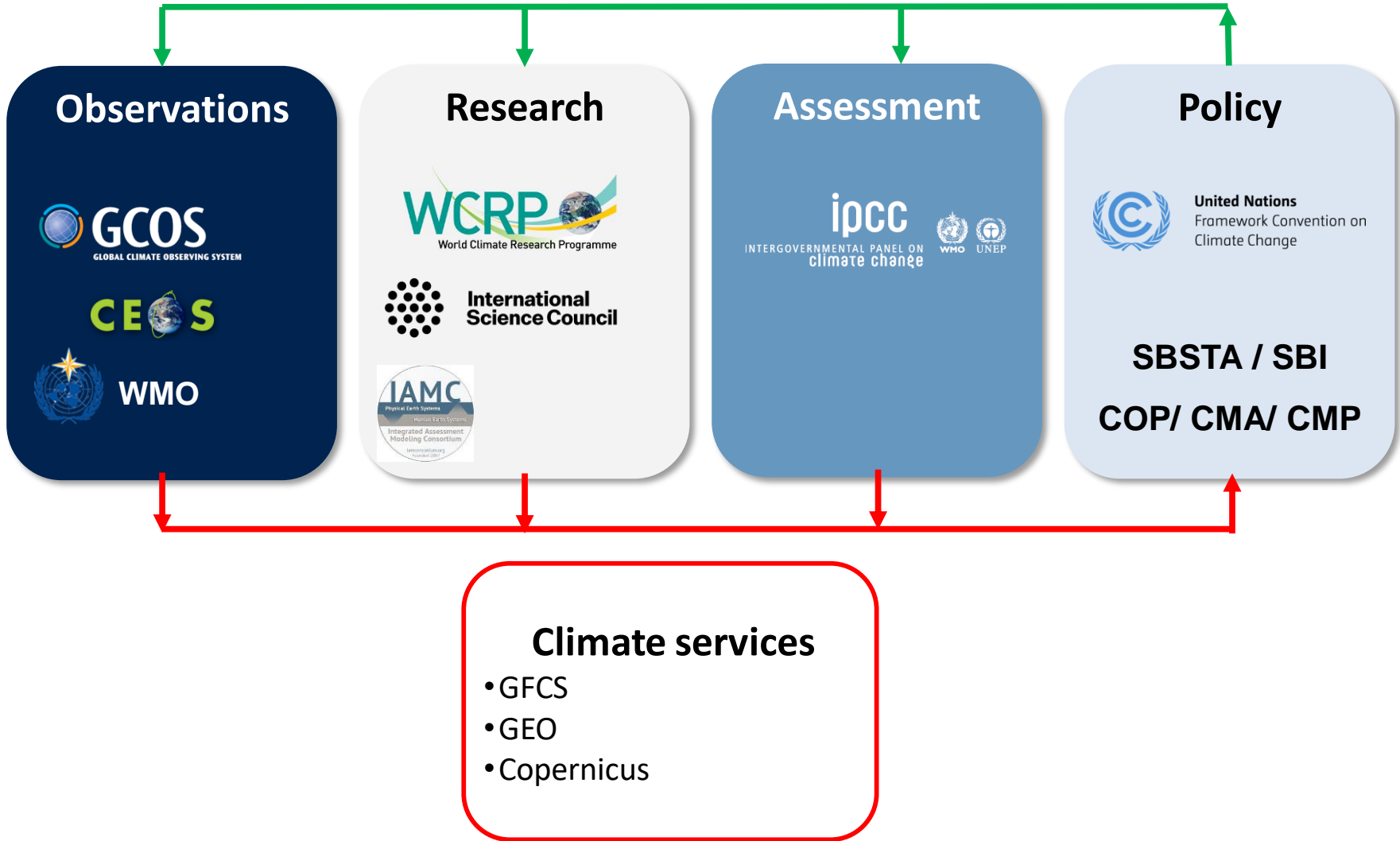
WGClimate #12

5-7 April 2020, Virtual Meeting

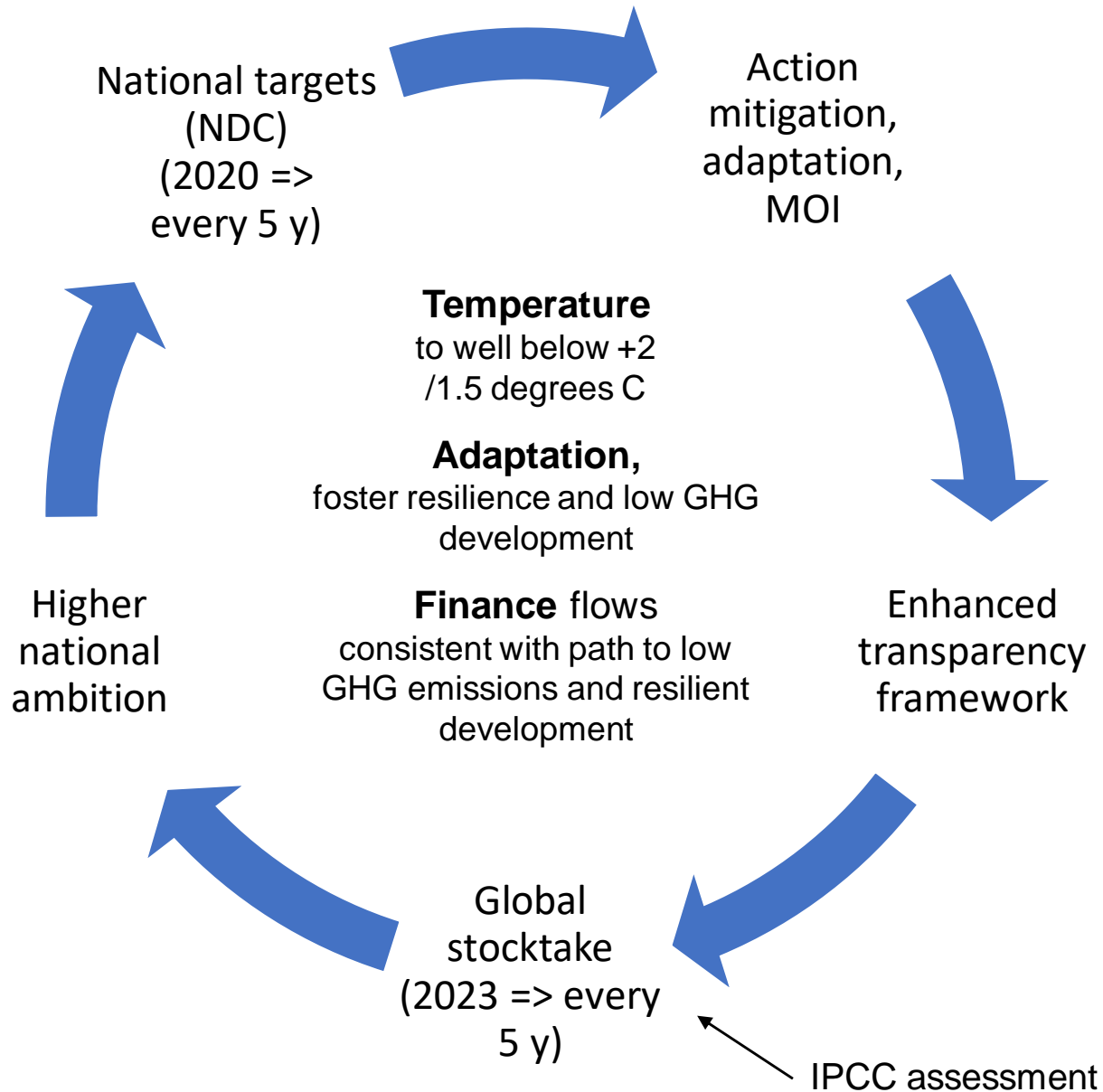
Dr. Joanna Post
Programme Management Officer
UNFCCC Secretariat



UNFCCC – observations as the foundation



The Paris Agreement



Global Stocktake

1. Information collection and preparation 2021/2022 - 2023
 - SBSTA/SBI joint contact group
 - Sources of input

2. Technical assessment 2022 - 2023
 - Technical dialogue with 2 co-facilitators
 - Consider IPCC assessments
 - Separate SBSTA-IPCC special events

3. Consideration of outputs 2023
 - identify opportunities for enhancing efforts, challenges, good practices, and political messages
 - HL events to communicate messages

SB Chairs must provide guiding questions for each of the 3 stages above

[CMA 19/CMA.1, para 15 – After each GST - refine logistical and procedural elements](#)



4-level governance structure:

- CMA: conducts the GST
- SBs: assist the CMA (Joint Contact Group, SB Chairs)
- Technical Dialogue: supports the SBs with the information collection and technical assessment (TD-Cofacilitators)
- High-Level Committee: oversees the consideration of outputs

Learning-by-doing:

- SB Chairs to identify opportunities for:
- Assessing collective progress (methodologies)
 - Considering inputs as they become available

Flexibility:

- SBs Chairs to organize the GST in a flexible and appropriate manner
- Adjust duration of the technical assessment to fit the release of IPCC assessments
- Consider refining modalities after each GST (procedural and logistical elements)

Information:

- Accepted from a structured list: types of information and sources
- Arranged by order of importance: Parties, IPCC, other UN Agencies, ...





COP24 KATOWICE 2018
UNITED NATIONS CLIMATE CHANGE CONFERENCE

Mitigation

- Overall effect of NDCs
- State of GHG emissions and removals and mitigation efforts undertaken by Parties

Adaptation

- State of adaptation efforts, support, experiences and priorities

Finance flows and means of Implementation and support:

- Finance flows and financial support
- Technology
- Capacity-Building

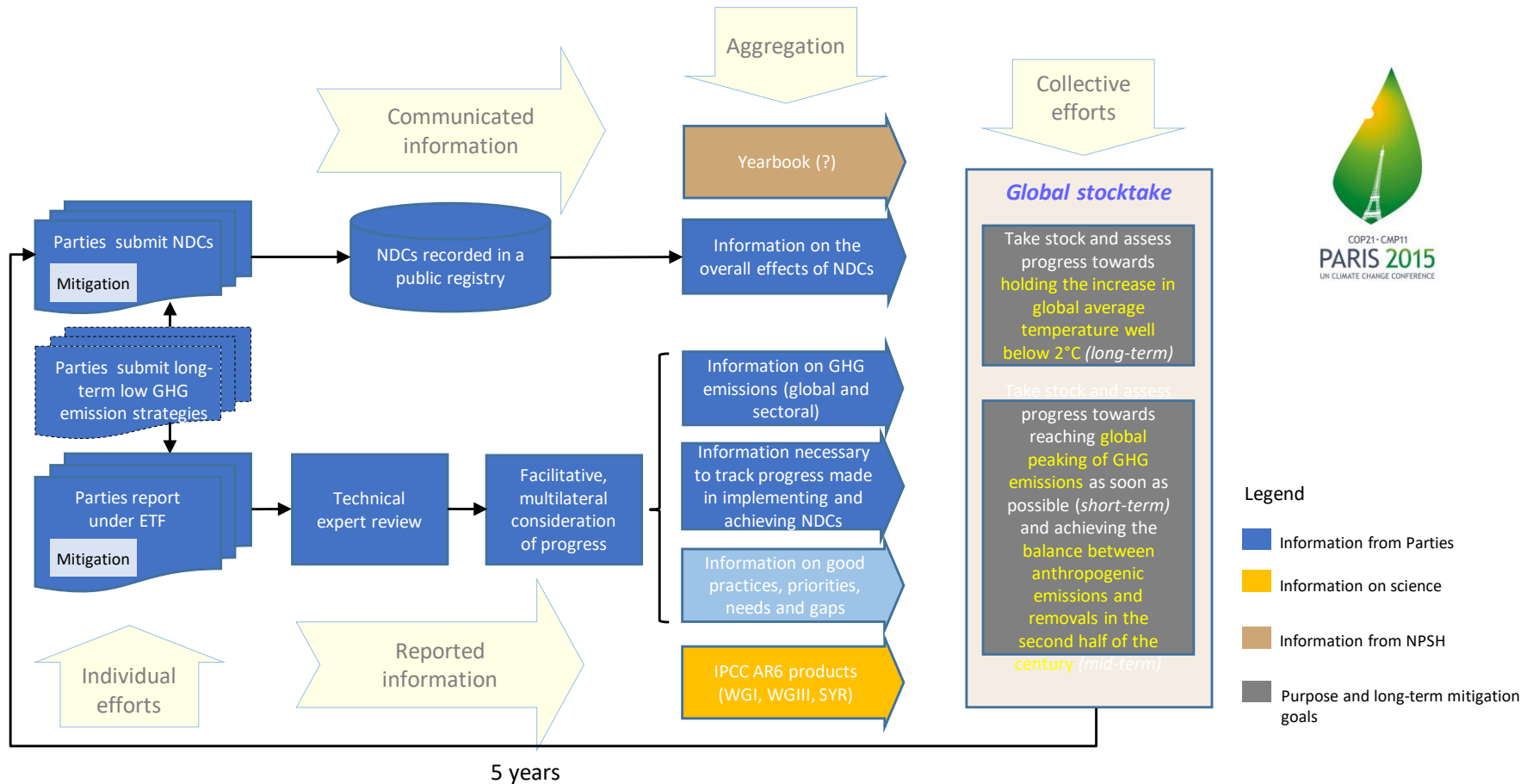
Efforts on:

- Social and economic consequences of response measures (under mitigation)
- Adverting, minimizing and addressing loss and damage (under adaptation?)

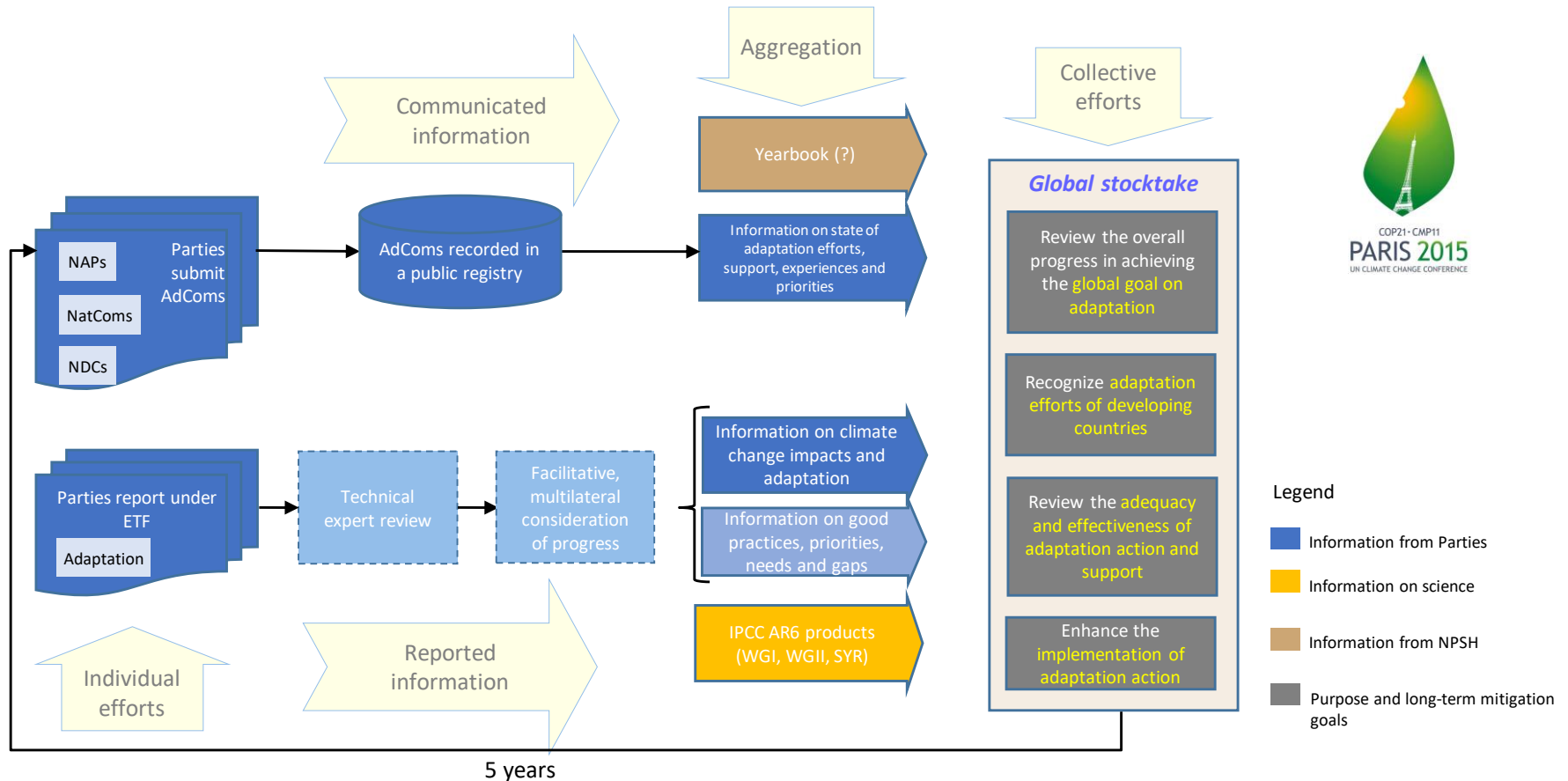
Inputs on equity

- Fairness consideration including equity as communicated by Parties in their NDCs

GST | Long-term goals and information flow for mitigation



GST | Long-term goal, specific functions and information flow for adaptation



Possible contribution of systematic observation to assessing collective progress under the first GST

- The systematic observation community has a vital role to play
 - a) Supporting countries on their long-term progress – mitigation and adaptation
 - b) GST
- There is currently no mechanism to coordinate the contribution of the SO community to the GST.
- Proposal –

Contribution of systematic observation to assessing collective progress under the first GST

- a) Establishing an *ad hoc* **working group on systematic observation and collective progress** to develop the report
- b) A **structured work programme** to better enable support by the systematic observation community for Parties and the GST.
- c) Consolidated contribution of the SO community in a **synthesis report**



Outline of activities for a working group on systematic observation and collective progress

- **Support countries directly**
 - Increase the capability of Parties to implement mitigation and adaptation action
 - Refine observation tools and methods to increase quality and decrease uncertainty including for:
 - Enhancing Parties' inventories
 - Supporting identification of emission hotspots and other opportunities for reducing emissions
 - Identify opportunities for linking MOI to support countries observation capabilities
 - Provide case studies
 - Report progress to the SBSTA
- **Contribute to the UNFCCC process and global stocktake**
 - Prepare a summary report on EO contribution to GST
 - Support constituted bodies reporting
 - Support UN reporting – inc state of the climate report / regional climate report
 - Engage via SBSTA events, including the **Earth Information Days** – which could/would lead to information being transmitted to the SBSTA report to the GST

What could be included in a summary report

- Identify guiding questions – think thematically
- Where are we?
 - These countries are....
 - using SO for GHG inventories in this way...
 - Using SO for adaptation in this way
 - SO community providing following support
 - EO info sources / what can be provided – case studies...
 - ...
- Where do we want to go?
 - All countries supported by open access EO info
 - GHG inventories all using satellite information
 - Track adaptation, carbon capture/removal (afforestation/ reforestation, bioenergy)
 - GCOS – full implementation
 - ...
- How to we get there?
 - Constellation architecture
 - Biomass architecture
 - FAIR data access via...

What's next?

- UNFCCC sec will provide full support to EO community –
 - inc - Contribution of systematic observation to assessing collective progress under the first GST
- Timings for UNFCCC meetings
- Virtual informal meeting with SBSTA Chair
- Opportunities for Earth Information Day COP26, (extended options with UK COP presidency liaison)
- EID / RD Increased sci comms e.g. podcast ...



Thank you

jpost@unfccc.int

