ESGF Mtg Outcomes

Mtg time

- Look for a time between Oct-Nov (pref Sept)
- consider CMIP6 timing.
- 3 days for main workshop

What is the difference between CD-NOT & ESGF

- ESGF is major technical/software infrastructure including its operational readiness
- CD-NOT is (C)MIP focused (and operations for *MIP timelines)
- CD-NOT under WIP and not responsible for other areas using ESGF
- Noting the WIP request that ESGF "ensure stability over functionality (bells & whistles)"

Integration Working Group Responsibilities

- Establish an integrated software release schedule (3 month - Test->Staging->Prod)
  - Other working teams know the schedule and release based on this schedule
  - e.g. security-check schedule
- Release quality control
  - Ensure "User testing" completed as part of release process
  - Identify gaps and issues for the Working groups
- Schedule of Data Challenges (Scalability tests, new functionality tests)
- Release schedule established, and historical tracking
- Operational procedures: roll-backs, Security
- Uniformity for user experience
- Documentation around each release

*MIP Data Access without authentication

- Already signed-off by WIP on behalf of *MIP modelling groups data release
  - Other data on ESGF may not have different requirements
- Understand what the technical/operational concerns are
  - wget open, globus restricted
- Technical changes:
  - Stats/user dashboard information and reporting
  - Software changes

- Does not disable the Identity working group – gives it an extra responsibility to establish the needs

Potential Working Groups

- Communications and Impact
  - User/community Engagement:
    - List of events: webinars? (maybe recorded)
    - Channels: email / social media / youtube / other?
    - Training materials/events: youtube? AGU?, EGU?
- Software
  - Major associated
  - Jupyter notebooks?
- Security
- Policies development

Establish Future/Strategic Roadmap

Big Engagements/activities
- MIPs, CMIP and other specialities
- WGCM – establish and establish requirements (include user-side testing)
- Copernicus program
- Asian programs
- Weather, Climate and Obs
  - Sub-seasonal to Seasonal reference Data
  - Reanalysis reference data
  - Hindcasts

- Better Coordination to help with Funding opportunities

Technical architecture "longer-term" Roadmap

- Provenance
- ML/DL
- Preparing "for scale" (CMIP6 was on map, but need to establish the future map and requirements)
- Role of the cloud, tier1, tier2
- Virtual labs
- Plan for the front-end(s)
  - Could be specific groups rather than physical nodes
- What are the technical strengths / weaknesses (risks)