

Wrap-up of the workshop

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Wrap-up of the workshop

- Understanding WIS2.0
- Building WIS2 Nodes
- Focus: Managing Metadata
- Format Conversion and Ingesting into WIS2.0
- Connectivity Issues and the Cloud

Understanding WIS2.0

- Architecture – WIS2 Nodes and Global Services
- Role of GISC – Now Coordination
- Timeline of Transition from GTS
- Metadata Standard and Handling
- Updates of Global Services in Japan

Building WIS2 Nodes

- Many Members going to Run WIS2Box with Own PC
 - PC spec and WSL/Linux question – Please Consult
 - Two-Step Approach in RA V – A “Friend” Centre may run Offer
- WIS2 Node Registration Procedure
 - Contact WMO Secretariat First
 - GISC Tests Functionality
- Challenges in Resource
 - Human and/or Financial – Assistance Opportunities
- Inter-Agency Coordination – Multiple National Centres allowed

Focus: Managing Metadata

- Metadata Mandated after January 2026
 - Everyday re-publishing done by WIS2Box
- Metadata Standard WCMP v2 Introduced
 - WIS Metadata and WIGOS Metadata Different
- Hands-on Experience Creating Metadata
 - WIS2Box has Metadata Editor – Suggested Way Creating
 - In This Workshop, EXCEL Tooling Used to Understand the Contents
- Better Understanding What to be Managed

Format Conversion and Ingesting into WIS2.0

- Data Format Conversion
 - SYNOP – WIS2box converts TAC to BUFR
 - TEMP – TAC to BUFR Conversion Unrecommended, Pls Ask Vendor
 - CLIMAT – I know there's question
- Ingesting into WIS2.0
 - Many Participants Struggling Ingesting AWS Report into WIS2
 - WMO/IMEI Efforts to Standardize First Mile Interface (thanks Remy introducing)

Connectivity Issues and the Cloud

- Connectivity Issues
 - Internet Unstable
 - No Backup Link outside Country
 - Challenge in Communication Inside the Country
- Cloud Computing
 - Technical Pros and Cons
 - Can solve some of issues – operation, worldwide connectivity
 - MQTT service not mature
 - Non-technical considerations

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We are at the beginning of Project Management – take your time