

Preparing a national WIS 2.0 implementation plan



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Introduction

For discussion among all participants on Friday morning, prepare a set of slides to discuss how your country would implement WIS 2.0

Intended to help identify key challenges in implementing WIS 2.0, enabling each country to discuss and find solutions to potential obstacles

Considerations for choosing software



- Do you already have a contract with a supplier that offers WIS 2.0 compliant solutions ?
- Do you have a local software development team that could adapt your existing system to be compliant with WIS 2.0 using wis2box or wis2box-components ?
- How would you setup a data workflow from Automatic Weather Stations to meet GBON requirements for hourly data ?

Considerations for hosting a WIS2-node



VS



- Do you have an existing solution that could provide instance to host your WIS2 node ?
Or do you have the option to procure a new service with a cloud vendor?
- For hosting on-premise: do you have the required IT support to provide host maintenance, networking and a fixed host address?
- Are you already working with another country in the region that could help provide you with an instance for hosting the WIS2 node?



Considerations for operations



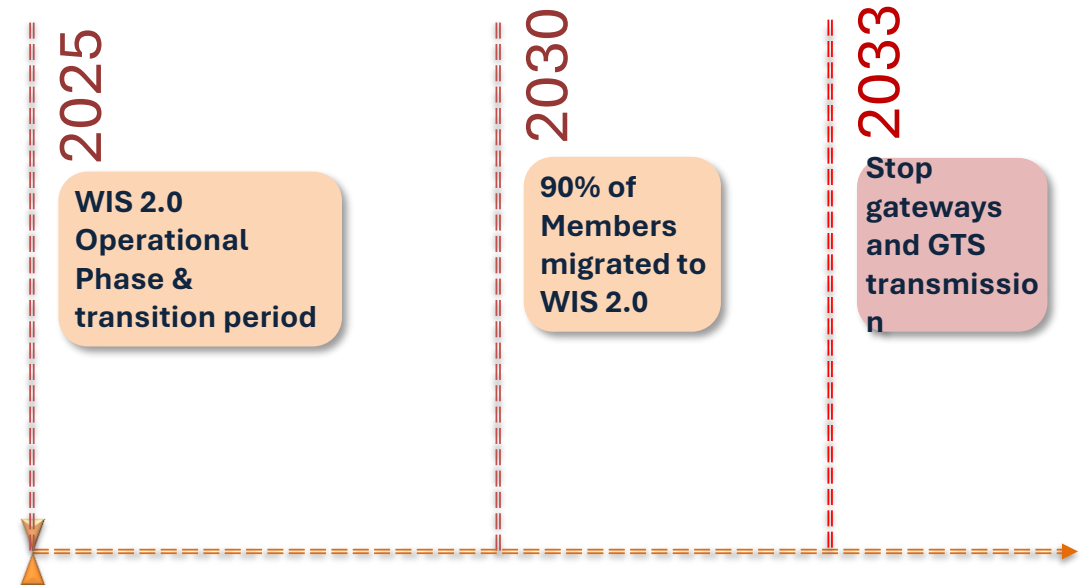
- Who is responsible for the maintenance of your IT infrastructure and software updates? (your team, Private company, other to specify)
- Identify who you can work with to update OSCAR/Surface and designating GBON stations and ensure these stations can share data on WIS2
- Are you currently relying on another country for your data transfer on GTS/WIS that can assist you with operations in WIS2?



Considerations for timeline

Do you currently have contracts with suppliers with a duration ending between 2025 and 2030 ?

Do you have new projects being implemented between 2025 and 2030 that could be integrated in your WIS2 implementation timeline ?



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What software are you considering to use to implement WIS 2.0?

- Commercial software provider
- wis2box + data ingestion from existing system
- Custom/modify existing system to be WIS 2.0 compliant
- Enable automatic publication of data from AWS for GBON compliancy

How will you host your WIS2 solution ?

- On-premises
- Public cloud
- Private cloud

Who will operate, monitor and maintain the WIS2 node:

- NMHS
- Regional, sub-regional
- Private company
- Combination of the above

When (rough timeline) would you be able to implement WIS 2.0 ?

Download .pptx from [on-line training agenda](#)

Send your slides to mlimper@wmo.int

Presentation Friday at 09:00 AM in **new meeting room at 4th floor**



Thank you



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