Towards S-101 2.0.0

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S-101PT9-10 November 2022

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OUTLINE

1. Finalisation of 1.1.0

2. The testing phase

3. Maintenance and updating

4. An outline plan for discussion

1. FINALISATION OF S-101 1.1.0

- Hopefully, by this stage of the PT9 meeting the key decisions needed from the Project Team have been made to allow final draft documents of 1.1.0 to be prepared, specifically;
  - S-101 1.1.0 Data Product Specification
  - S-101 1.1.0 Data Classification and Encoding Guide
  - S-101 1.1.0 Feature Catalogue

- This draft will then seek S-100WG approval at its upcoming meeting after which a final package which additionally includes the following components will be approved via S-100 WG Letter likely to be March 2023
  - S-101 1.1.0 Portrayal Catalogue (1.0.2 currently available)
  - S-101 1.1.0 Validation Checks – Baseline Draft
  - S-101 1.1.0 Test Datasets – Baseline Draft

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2. THE TESTING PHASE

- Trials and testing are required to ensure that S-101 functions as expected and validate improvements compared with S-57

- Secondly these changes need user validation and input, this is likely to lead to changes and possibly new user inputs

- An effective testing phase will require;

Stable production tools >> which are used to provide >> **test data (Milestone 1)**

Testbed applications (Milestone 2) which support >> **trials with users** >> to identify **feedback**

- For S-101 PT we need a means to facilitate testing and for capturing feedback effectively so that we can move towards 2.0.0 at pace

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TESTING ENABLERS

- I propose the creation of a public facing web page to provide all relevant information to support testing this would include;
  - List of production software with support
  - List of trials and testbeds with contact information
  - Access to test datasets
  - A mechanism to submit feedback

- Additionally it would be useful to provide some high level testing objectives that testing activities can build on and expand. This will ensure that the significant changes are fully tested

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FEEDBACK LOOP

- Its important that we gather all relevant feedback in a structured way
- We should use a dedicated email address and provide a template feedback report
- A small group would review feedback items and assign for action
- Major changes would require papers to the PT first smaller changes for sub group review and then PT for approval, continuing to use Github as we have been doing for 1.1.0

MAINTENANCE AND UPDATING

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S-4

S-52

S-57 ENC

S-58

S-65 Annex A and B

S-102

S-104

S-101 1.1.0

S-111

S-128

S-98

S-401

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OUTLINE PLAN

- Deliver 1.1.0 Q1 2023 and track production software support (web page)
- Track testbed availability and trials (web page)
- Establish and test a feedback process Q1 2023
- Hold more regular meetings during this period to ensure timely progress 1x physical and 1x remote meeting proposed for 2023 plus additional sub group meetings
- Prepare a 1.2.0 draft in mid 2023 to reflect changes and support further testing iterations
- Prepare 2.0.0 for endorsement at HSSC 16 2024

TIMEFRAME FOR DISCUSSION

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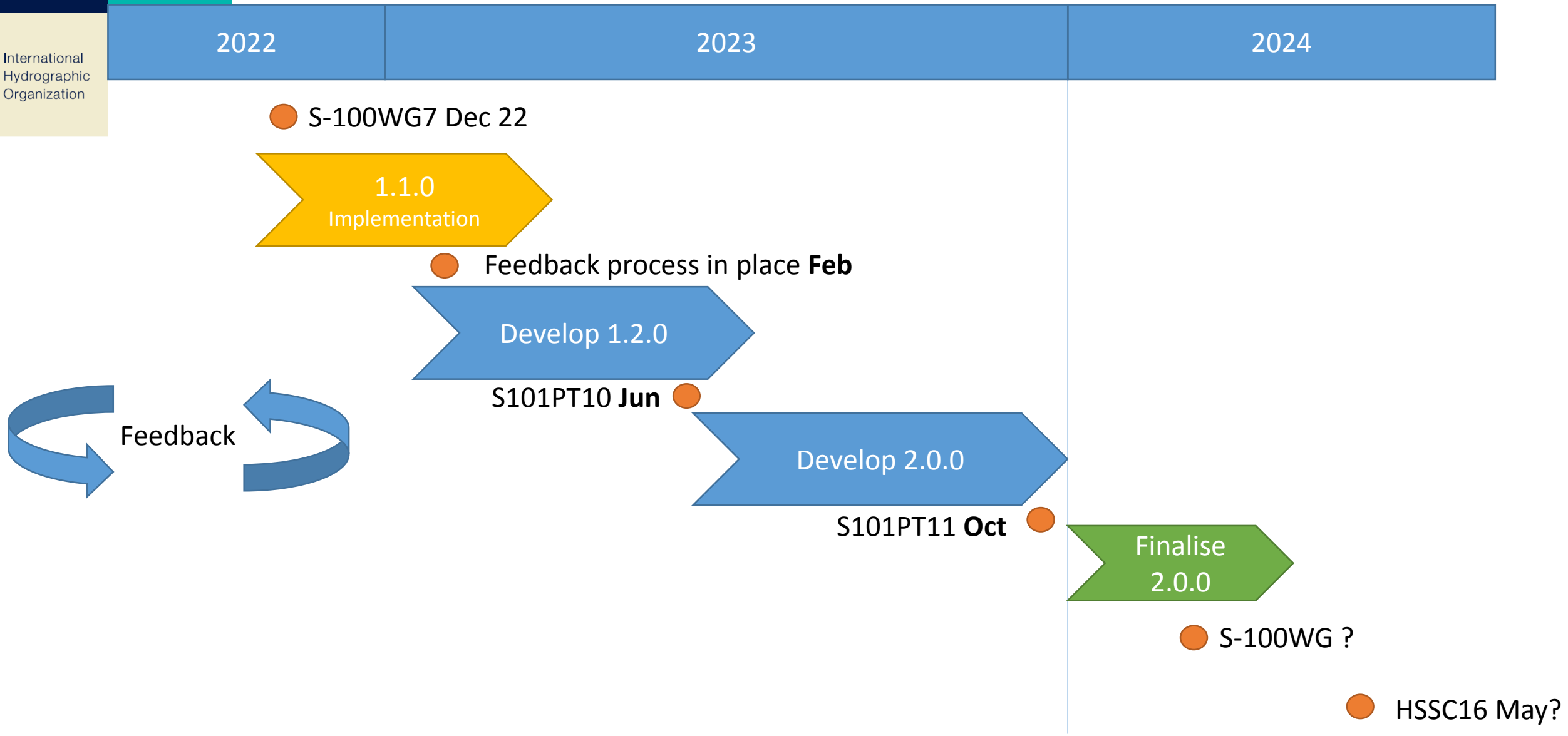

RECOMMENDATIONS

1. Establish a web page to provide information in one place and create a dedicated feedback email address and feedback form

2. Develop a Test Framework including high level testing objectives

3. Hold 2 PT meetings in June and October so that an edition 1.2.0 can be prepared reflecting early feedback