

SCUFN-35.1-07.2A

Development of the IHO SCUFN Archive/Repository/Submission

2022.03.17

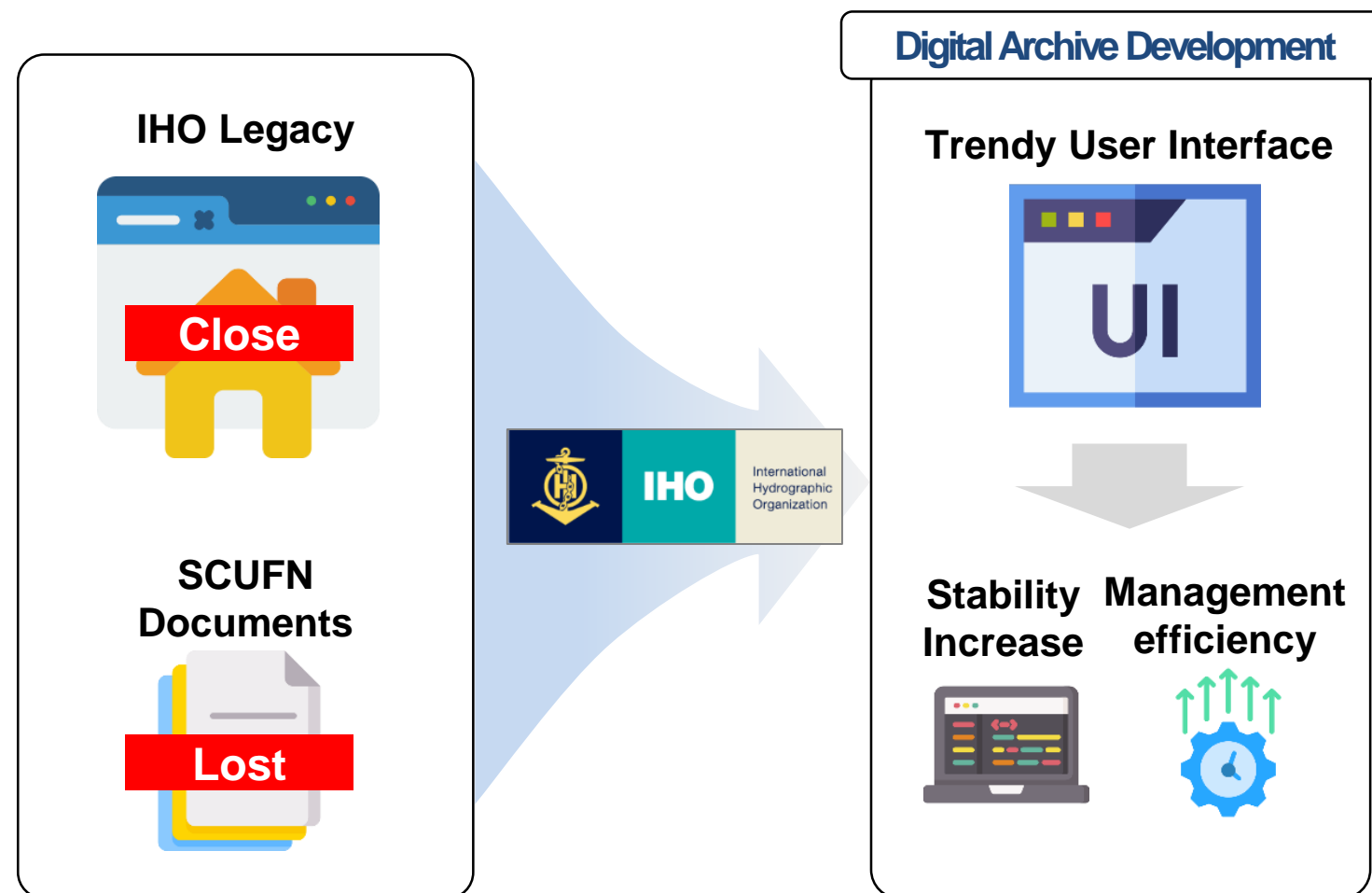


Korea Hydrographic and Oceanographic Agency

1. SCUFN Digital Archive Development

▣ Background

- Due to the planned termination of the IHO Legacy server, increased the possibility of loss of the IHO SCUFN 's documents
- As per the request of the IHO, the development of IHO SCUFN Digital Archive was started



1. SCUFN Digital Archive Development



01 Customized service

- Provide the customized services, depending on the user's category(ex. Administrator/Proposer)

02 Convenience enhancement

- Apply an interface similar to the Legacy homepage

03 Increasing the efficiency of management

- Automate the procedure through system

04 Supporting various formats

- Supports various formats such as PPT/DOC/PDF files and URL

05 Improving data stability

- Establish a Back-up policy and Carry out the Back-up

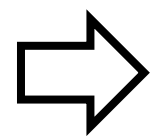
1. SCUFN Digital Archive Development

User

- Enquire an archive list by meetings
- Search function by using meta information
- Document viewer / Download function
- Shortcut to important documents such as Report, Decision and Action, Basic Documents.

Admin

- Archive management by year
- Register and modify document numbers and meta information
- Upload/modify/delete/download file
- Upload/modify/delete attachments such as hyperlinks and photos other than document files



Performance test and Application feedback with IHO

2. SCUFN OWS Update

Improvement and Maintenance

- 1) Management of user's category and authority
- 2) Management of meeting information
 - Register/modify/delete meeting information such as the meeting number, date and venue
 - enquire information for each meeting
- 3) integrated management of proposals
 - Search the list of entire proposals
 - Manage the details of proposals and attachments
 - Change the order of proposals and modify/delete index
 - Manage revision to proposals

Requestment for SCUFN-35

- 1) Processing PENDING / DEFER Proposal of SCUFN-34
 - Transferred previously submitted proposal to SCUFN-35 for re-examination
- 2) Change the status of DEFER proposals
 - Identify the proposals that require supplementation and change to the proper status
 - ※ proceeded under the consultation with IHO

Security and Back-up

- 1) System vulnerability check
 - Using a Vulnerable management tool "Sparrow", twice
- 2) Data back-up
 - Back-up by A weekly, 3 monthly, yearly, event unit

3. Work Plan

01

GEBCO Gazetteer API V5.0 Linkage(Synchronization) test

- In accordance with NOAA's Presentation on 07.1 Agenda
- Preparation(`22. 4.), API test(`22.5.~`22.10.)

Applying requirement and Improvement system (~`22.10.)

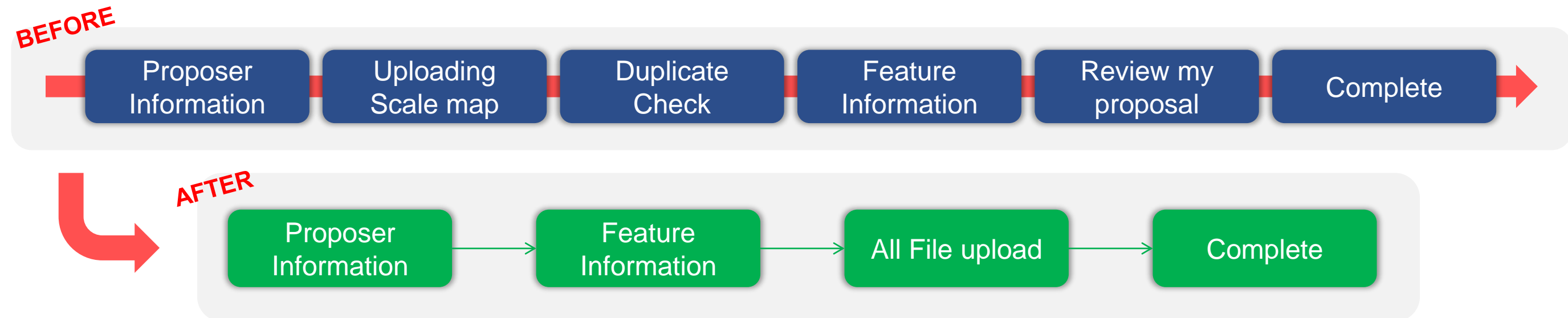
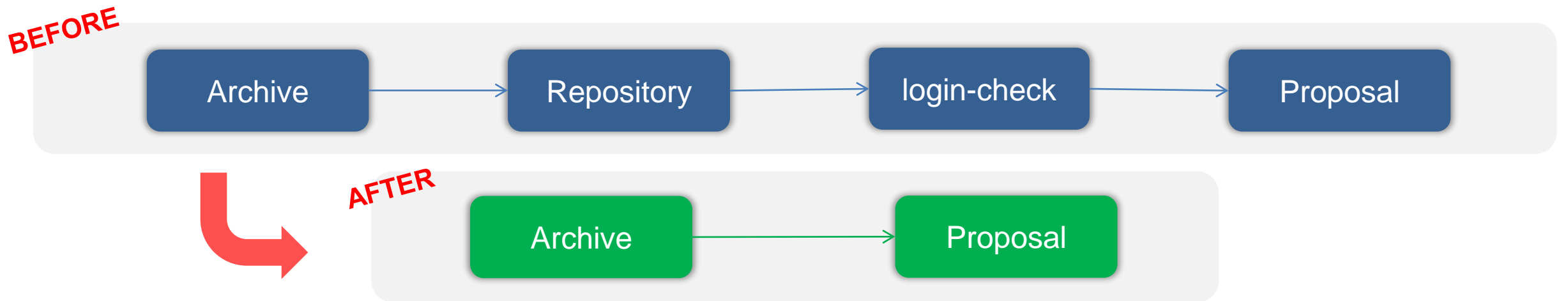
02

- Simplify procedure of proposal submission on system
- Enquire service for proposal submitters
- Make UI for review of pending proposals

3. Work Plan

▣ Interface Simplification

- (Current) Too many steps and Complicated function to use Archive/Repository
- (Direction of improvement) Simplification the steps and integration of function



※ The above diagram can be changed depending on the consultation