Non-Annex I GHG Inventory Software – Web Application (NAIIS)

REGIONAL AFRICAN WORKSHOPS ON REDD+ NATIONAL FOREST MONITORING SYSTEMS AND GREENHOUSE GAS (GHG) NATIONAL INVENTORY SYSTEMS

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A Little Bit of History

- The **Excel-based software** was first **released in 2005**.

- It was **based on the IPCC inventory software version 1.1**, which used the **Tier 1** methods for estimating GHG emissions and removals for all source categories described in the **Revised 1996 IPCC Guidelines**.

- It was addressing the **Revised 1996 IPCC Guidelines** as well as the **GPG-2000** and **GPG-2003**.

- Few improvements were made until 01/2007 (**version 1.3.2**), which was the version available until June 2013.

A Little Bit of History (cont.)

- Some limitations of the Excel-based software reported by non-Annex I Parties:

  - Problems with post Windows XP and Excel 2003 versions combined with the language of the OS

  - Excel macros are functioning well with Excel 2003, are not functioning with Excel 2007, but are functioning with Excel 2010

  - Difficulty to work collaboratively (coordination, access, management and security of data)

  - Difficulty to run calculations for multiple years

  - Uneasy customization of tables

  - Available only in English

- **SBI 35 (UNFCCC/SBI/2011/17, paragraph 43) requested the secretariat to upgrade the software** for estimating and reporting national GHG inventories by non-Annex I Parties, and to make it available by **June 2013**.

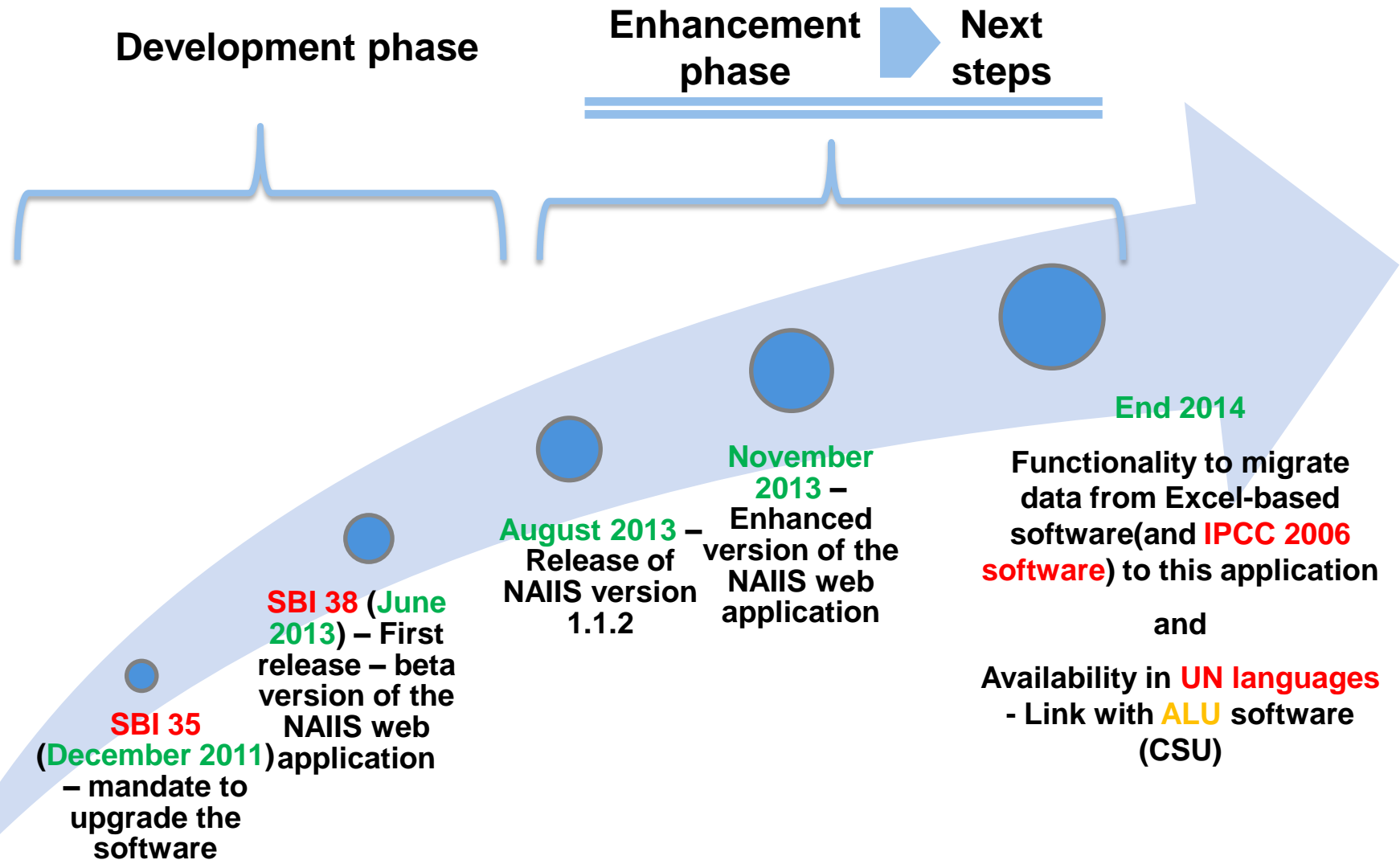- The **NAIIS web-based application** was **released** on 6 June 2013.

Main Objectives of the Upgrade

- To **resolve the issues raised** by Parties in using version 1.3.2 of the Excel-based software

- To improve the **user-friendliness** of the tool

- To enable the **simultaneous entry of data** in different sectors and locations

- To facilitate the use of **multi-year** GHG inventories

- To remove dependency and **compatibility** issues on different operating systems and languages

- To ensure greater **flexibility and security for maintaining data**

- To simplify the **submission process** of the inventory data

- To keep the data more easily **adaptable to changes** in technology

- To simplify the **update** of the tool

- **To facilitate NAI Parties in maintaining GHG inventory systems on a continuous basis, by offering a tool for inventory team management (maintaining information), KCA, limited QA/QC, and robust archiving**

Road to a fully functional NAIIS web application

Development phase

Enhancement phase

Next steps

SBI 35 (December 2011) – mandate to upgrade the software

SBI 38 (June 2013) – First release – beta version of the NAIIS web application

August 2013 – Release of NAIIS version 1.1.2

November 2013 – Enhanced version of the NAIIS web application

End 2014

Functionality to migrate data from Excel-based software(and IPCC 2006 software) to this application

and

Availability in UN languages - Link with ALU software (CSU)

System Overview

- **Functions available:**
  - User management
  - Data entry
  - Key category analysis
  - Reporting tables
  - Data Export/Import
  - Completeness check
  - Consistency check
  - Submission management

- **Input of data through three different channels:**
  - Manual input into the entry grid
  - Partial or full import of data from Excel
  - Bulk import of data from XML

- **Pending functionalities:**
  - User management email notification
  - Web services integration for help desk implemented within the application
  - NAIIS application available in other UN languages

http://unfccc.int/7627

- **Access to NAIIS**

- **Details on gaining access rights to NAIIS**

- **User manual**

- **Frequently asked questions**

- **naiisapp@unfccc.int**

The Workflow for Using the Application
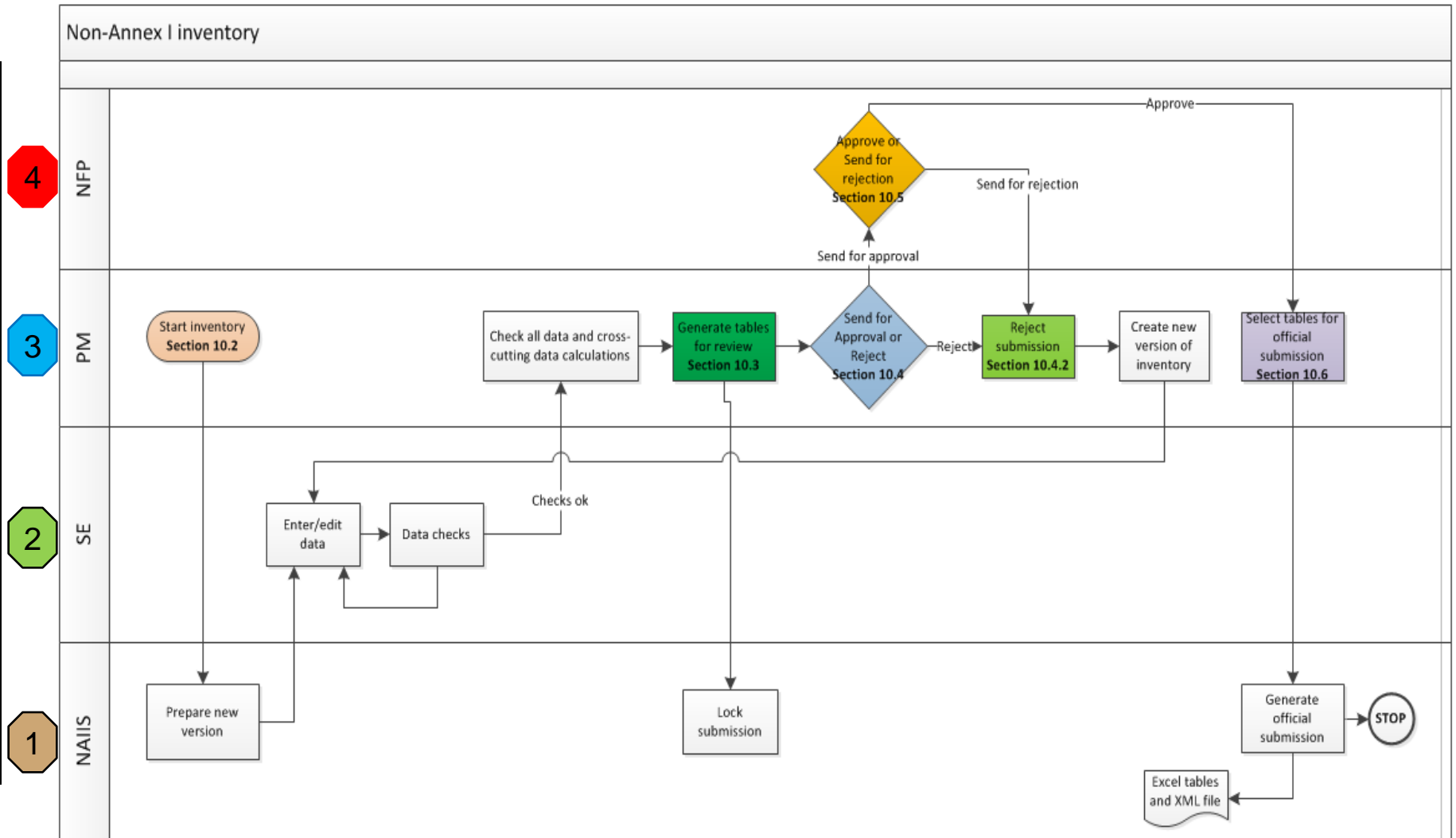
NAIIS Regional Training Workshops

- Asia and Pacific: 14 – 18 October 2013, Manila, Philippines

- **Africa** and Eastern Europe: **10 – 14 March 2014, Libreville, Gabon**

- Latin America and the Caribbean: 24 – 28 March 2014, Bogota, Colombia

Thank you

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