

Building the International Monitoring System Sustainment Strategy through international expert consultation and collaboration

Xyoli Perez Campos, Michelle Grobbelaar, Guillermo Rocco, IMS Team

Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)



INTRODUCTION AND MAIN RESULTS

Although more than 90% of the International Monitoring System (IMS) has been installed, over the next decade a large proportion of IMS stations will reach the milestone of 20+ years post-certification with continuous operation.

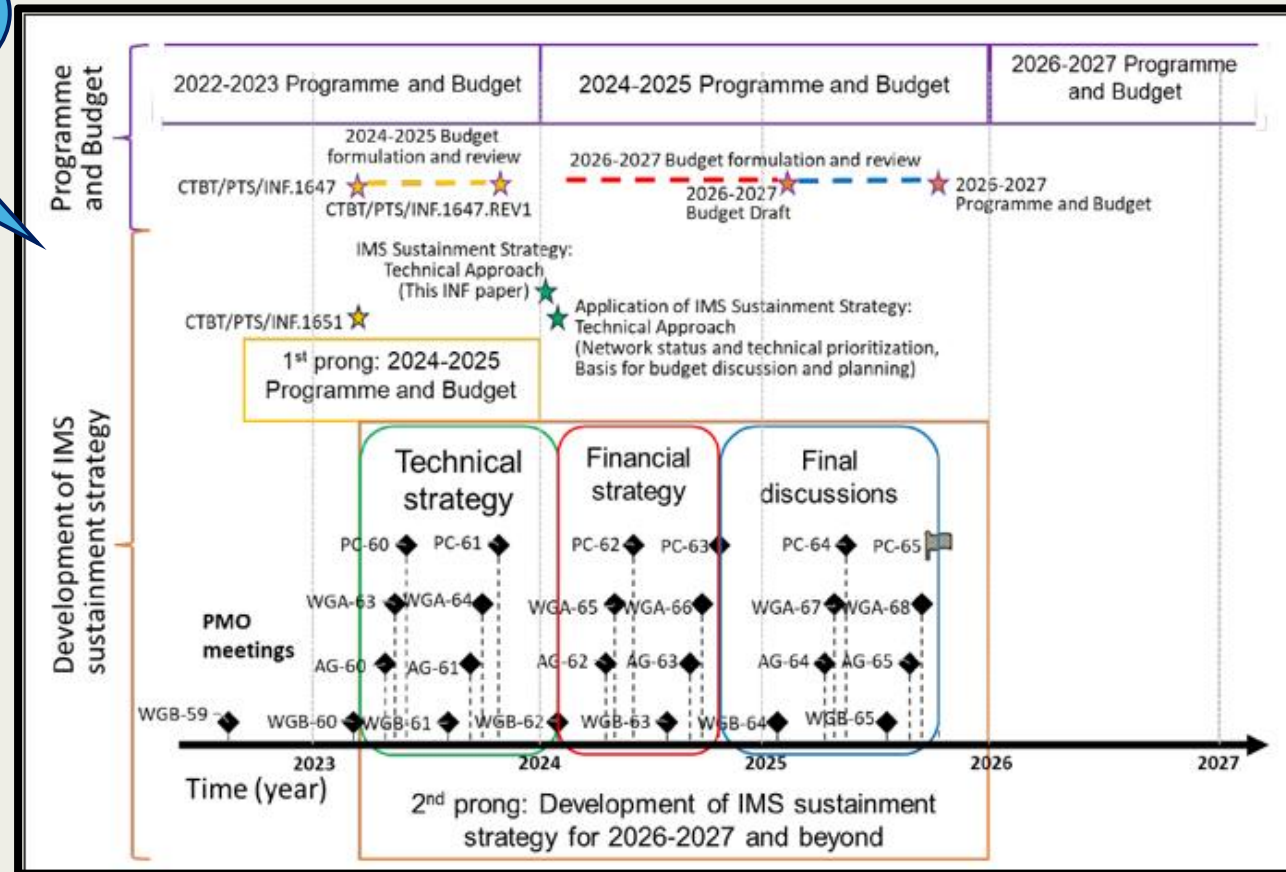
The CTBTO examined various sources of information and expertise that could be utilized to build upon its inhouse expertise and to obtain a solid basis for the IMS sustainment strategy. One such source of information was a group of international experts that formed the Guidance Committee for IMS Sustainment. The experts have proved to be crucial as “sounding boards” for guiding our understanding of the best methods to utilize within the sustainment strategy.

- 5 INF papers
- 227 pages
- 89 figures
- 20 tables

Two-pronged approach
INF.1651
WGB-60/Feb.2023

Sounding boards:

- Informal consultations (WGB 60 – WGB 65 and WGA)
- Questionnaires
- Guidance committee on IMS sustainment



Technical approach
INF.1685
WGB-62/Feb.2024

Long term requirements
INF.1712
WGB-63/Aug. 2024

Financial scenarios, risks, sensitivities
INF.1717/Corr. (Sept. 2024)
INF.1723 (Jan. 2025)
WGB-64/Feb.2025