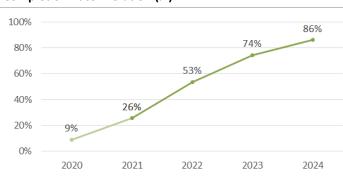




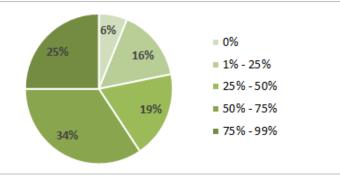
## **SESAR Solution - Nil**

## **Voice over Internet Protocol (VoIP) in En-Route** COM11.1 S A **Stakeholders ANSPs Expected Benefits** DOD Safety **FOC** 31/12/2021 OI Steps / Enablers CTE-C05a, CTE-C05b **Estimated achievement CP1 AF & SDP Family** 31/12/2024 Status Late **ICAO ASBU** COMI-B2/1

## **Completion Rate Evolution (%)**

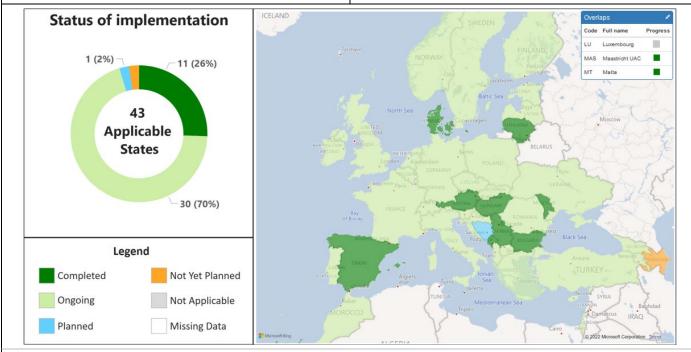


**Progress among non-Completed Countries** 



corresponding to an increase in completion of 17 percentage points compared to 2020, i.e. 26% progress.

Seven States finalized the implementation during 2021, In most of the remaining States, the progress achieved so far is greater than 50%, giving a strong confidence in positive outlook for the next few years.



- VoIP in en-route environment recorded a strong progress in 2021, with 7 more States declaring completion of the objective.
- Despite rather low completion rate achieved so far (26%), the procurement process and technical installation of the new VCS systems has already been finalized in a number of centres.
- Significant progress is expected during 2022, with 12 more States expected to finalize implementation according to currently reported plans.
- In some cases, full implementation is dependent on the capability of neighbouring centres, while in other the implementation is pending by military.
- A number of States indicate delays due to financial constraints caused by COVID-19 pandemic (IL, UK, RO, BA, SI).