

### Stakeholders:

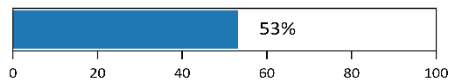
- ANSPs

FOC: 12/2016

Estimated achievement: 12/2020

**Late**

Average progress among States that have not yet completed the objective



### SESAR Solutions:

-

### SESAR Key Features:

Advanced Air Traffic Services

### PCP

Only APW: Pre-requisite for

### Sub-Functionality:

S-AF3.2 Free Route (PCP)

### ICAO ASBU:

B0-SNET, B1-SNET

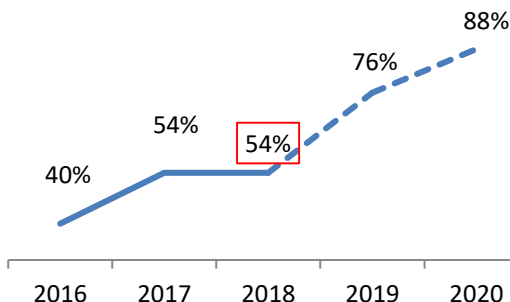
### OI Steps:

CM-0801

### Network Strategy Plan:

SO4/1

### Completion Rate Evolution (% of States completed the objective)



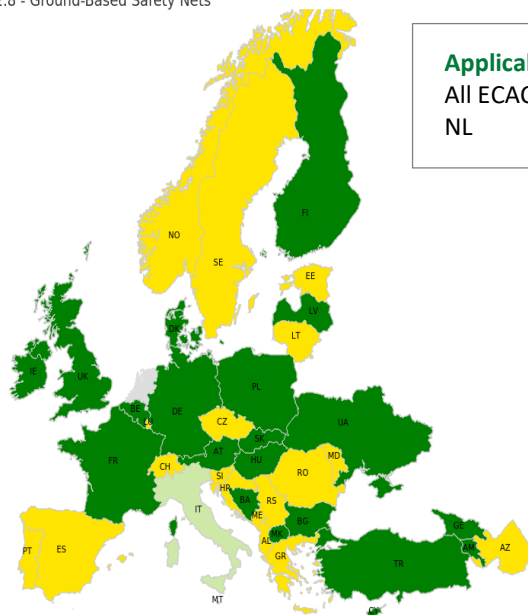
### Main 2018 developments:

The number of States having completed the implementation of the full objective remains at twenty-two (22), as in 2017 (corresponding to 54% of the applicability area).

Implementation of Area Proximity Warning (APW) is virtually achieved at 85% of completion rate (55 ACCs; they were 54 in 2017). Minimum Safe Altitude Warning (MSAW) functionality has been achieved in 41 centres (40 in 2017) for a total of 62% having implemented it. Where applicable, Approach Path Monitoring (APM) has been completed in 36 centres (31 in 2017), corresponding to 51%.

Reported delay are mostly due to alignment with major upgrades, or replacement of the ATM system. The overall objective completion is now expected by end 2020, with a one year shift compared to the estimates of last year.

ATC02.8 - Ground-Based Safety Nets

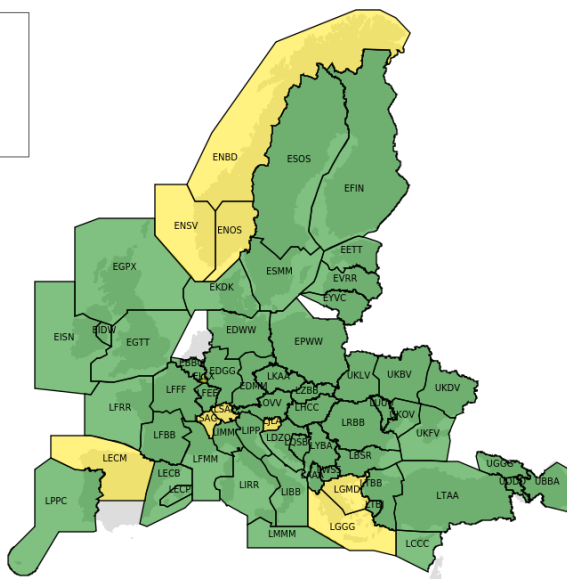


**Applicability Area:**  
All ECAC States except NL

Legend	Count
Completed	22
Ongoing	1
Planned	0
Late	18
Not yet planned	0
Not Applicable	0
Missing Data	0
Undefined	0

Code	Full name	Progress
MAS	Maastricht UAC	Completed
MT	Malta	Completed
LU	Luxembourg	Late

ATC02.8-ASP01-Implement the APW function



Legend	Count
Completed	55
Ongoing	0
Planned	0
Late	10
Not yet planned	0
Not Applicable	0
Missing Data	0
Undefined	0

Code	Full name	Progress
EDUU	KARLSRUHE UAC	Completed
ELXX	LUXEMBOURG APP	Late