



# Greener en-route From SESAR study project to implementation

*Max Canham (skyguide)*

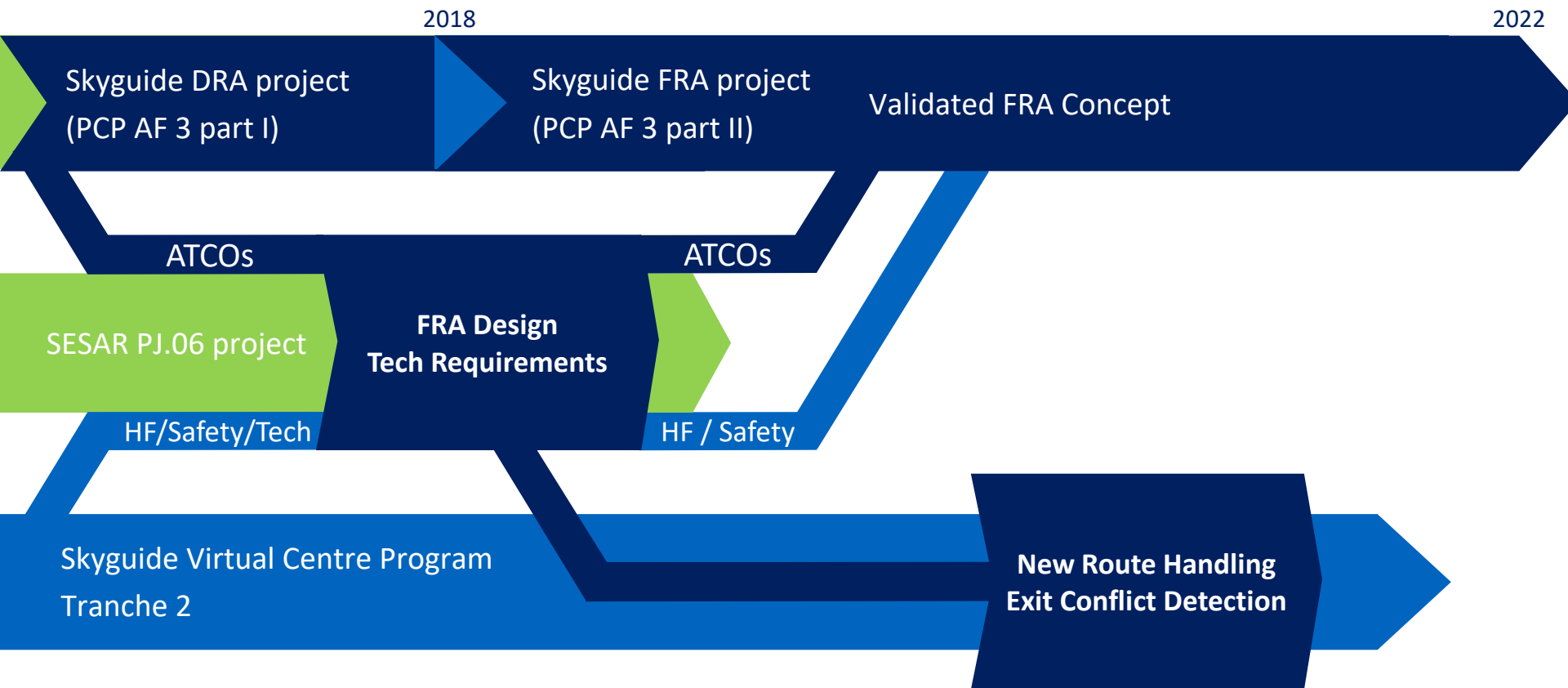


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# Establishing skyguide's FRA Project



## Benefits

- ✈ **Lean FRA project without major design or technical elements**
- ✈ **Continuity of key personnel through all projects for quality assurance and ATCO buy in**



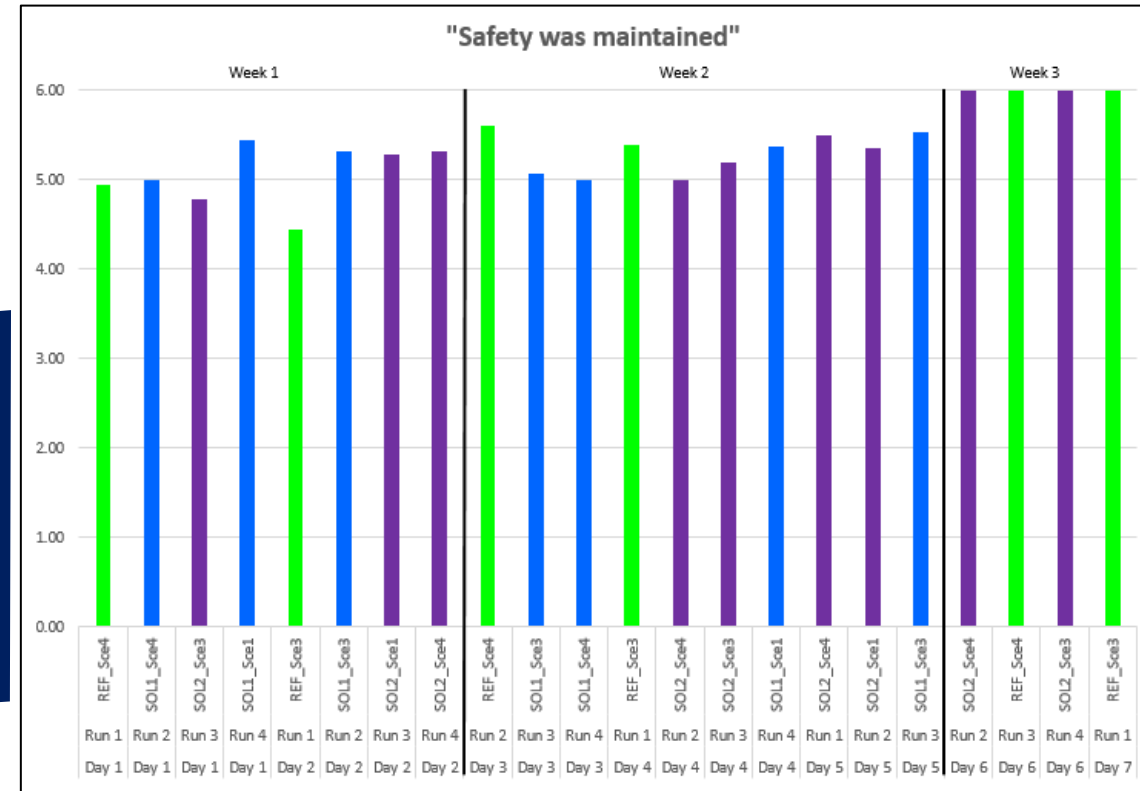
# Additional Benefits 1/2

## Safety Analysis

- SESAR Solution PJ.06-01 Safety Assessment Report available
- Data from the validation report assists skyguide's implementation safety case

## Stakeholder Relationships

- Eurocontrol Network Management team consistency
- Surrounding ANSPs involved and aware of skyguide's plans well in advance of implementation



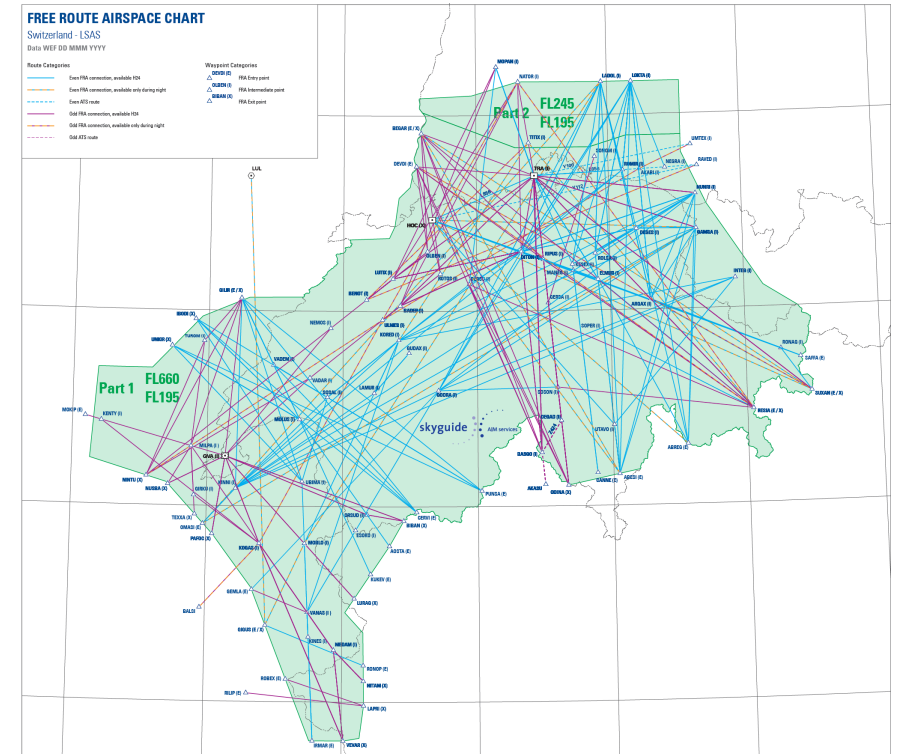
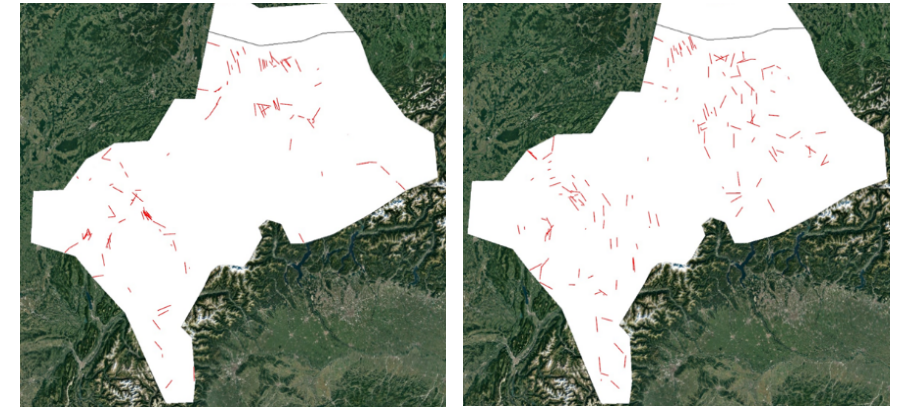
# Additional Benefits 2/2

## ATC Procedures

- LoAs should clearly state the information for the transfer conditions
- handover procedures must be clear for all actors

## ATCO Training

- Higher variability of trajectories changes conflict points
- Reduced ability for sending 'direct' = changed working methods



# skyguide's FRA design - Supported by SESAR



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...and their Linked Third Parties

