



*At the core of the Engage KTN is the definition of various thematic challenges: new ideas suggested by the research community, not already included within the scope of an existing SESAR project. They are developed along with the ATM concepts roadmap and complementarily with some of the network's PhDs and theses.*

### Thematic challenge 3

## Efficient provision and use of meteorological information in ATM



### ***4<sup>th</sup> workshop programme***

Edition 2.0, 25 August 2021

Workshop date: **09 September, 10:30-15:00**

Host: Engage KTN, virtual event

URL for access: [engagektn.com/thematic-challenges](https://engagektn.com/thematic-challenges)

Registration:

<https://us02web.zoom.us/meeting/register/tZEudO6srzgiGt2x2fhqaGQpJybXC>  
[Gl8wCSg](https://us02web.zoom.us/j/818wCSg)

## Abstract

This edition will explore the MET&ENV topics requiring future research, development or community collaboration. The workshop will start with the panel discussing the **MET&ENV topics requiring future developments** from the scientific or technical point of view, intertwining suggestions from the audience. The following panel will discuss **the paths and time need to cross from the basic research to implementation**, and how these can be improved. We conclude the workshop with the participants being invited to help us **identify the elements needed in the future to facilitate the research** (e.g data sharing, common platform, etc.), collaboration and shortening the time of the innovation pipeline for MET and ENV topics. The discussion will draw on a poll taken in advance of the workshop - what research infrastructure and future research can we already propose for SESAR 3, for example?

## Programme

1030-1045 **Welcome by SESAR Joint Undertaking and Engage KTN**  
Welcome by SJU and the introduction to the SESAR KTN, Engage, and the day's programme  
Dr Tatjana Bolic (University of Westminster), Luca Crecco  
(SESAR JU)

### SESSION 1 **MET&ENV research topics**

1045-1100 **Overview of MET and ENV topics being researched in SESAR 2020**  
Dr Tatjana Bolic (University of Westminster)

1100-1145 **Panel 1: Future MET&ENV research**  
*Moderator:* Dr Tatjana Bolic (University of Westminster)

#### *Panellists:*

- *Alexander Baklanov – World Meteorological Organisation*
- *Sigrun Matthes – DLR (TBC)*
- *Rosalind Lapsley – EUROCONTROL*
- *Damian Rivas – University of Seville*
- *Lauren Donohue – EUMETNET*
- *Emmanuel Sunil – NLR*

1145-1200 **Coffee break**

## SESSION 2 From research to implementation

1200-1245 **Panel 2: Paths and time to MET&ENV products deployment**

*Moderator:* Luca Crecco (SESAR JU)

*Panellists:*

- *Kamel Rebai – METSAFE*
- *Andre Weipert – Leonardo Germany*
- *Anton Muscat – metoffice London VAAC*
- *Philipe Lenne – SESAR JU*
- *Chris Peregrine – NMOC*
- *Manuel Soler – UC3M*

1245-1345 **Lunch break**

## SESSION 3 Enabling fast innovation cycles

1345-1430 **Discussion: research, development and deployment  
“infrastructure” needed in the future**

*Moderators:* Dr Tatjana Bolic (University of Westminster),  
Luca Crecco (SESAR JU)

1430-1445 **Wrap-up**

Dr Tatjana Bolic (University of Westminster)



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