



Mitigating the Negative Impacts of Monitoring high levels of Automation

MINIMA

Project Status & News

Kick-off

On **May 2nd and May 3rd 2016**, all project partners met at the DLR site in Braunschweig (SJU via WebEx) for the MINIMA Kick-off Meeting to discuss initial project activities.

State of the Art

On **September 13th** the state-of-the-art review was **completed**. In this document, we carefully defined the concept of OOTL (Out Of The Loop) and reviewed the different works associated. We also investigated current solutions proposed to mitigate its effect. Finally, we proposed a review of the different markers associated to vigilance decrement, one of the main illustration of the OOTL phenomenon. We particularly focused on biological markers as basement for future development of our vigilance/attention observer.

Face to Face Meeting at the University of Bologna



On **December 1st** the Consortium met at the University of Bologna to discuss the main aspects of the concept and development phase.

During the meeting also the integration issues and the first concept of the experimental phase have been discussed.

Project Facts

The Horizon 2020 SESAR project MINIMA (Mitigating Negative Impacts of Monitoring high levels of Automation) is partly funded by SESAR Joint Undertaking and will help to understand and mitigate OOTL phenomena of air traffic controllers in highly automated environments especially Terminal Maneuvering Areas (TMA). MINIMA covers a 24 months period.

Events

MINIMA at the Sixth SESAR Innovation Days

On **November 8th -10th** a poster describing the State of the Art and a first pilot study developed at DLR has been presented by Oliver Ohneiser (DLR).

MINIMA First Advisory Board



The first meeting of the MINIMA ADVISORY BOARD has taken place at the Aerospace Engineering Faculty of TU Delft

on **November 10th**. A group of 8 research experts and stakeholders has been presented with the main objectives of the project and with its first achievements. Risks and potentials of the project have been highlighted and discussed with the consortium members by the participants in a really proactive session.

MINIMA Consortium



Deutsches Zentrum
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