



The University Of Sheffield.

UNIVERSITY of STIRLING



TRANSIT Q2 Newsletter

July – December 2016

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The TRANSIT Project commenced on 1st July 2016 following a Pre-project meeting, which took place on 19th May 2016 in Sheffield with a Consortium consisting of the University of Lincoln, University of Sheffield, University of Stirling and Cranfield University.

Our first Project Management Meeting was hosted by the University of Lincoln on 8th December 2016.



Welcome

The TRANSIT Consortium welcomed new members to the Research Team: Dr Olusayo Obajemu who joined the University of Sheffield in October 2016 and Guillermo Lopez who will work at Cranfield University.



Progress

The research has started in the following work packages:

WP1: Computational modelling of factors internal to aircraft

WP3: Development of full-4DT generation techniques

Project Management Meeting

Day 1

The meeting reviewed work in progress since the project beginning. The team at the University of Sheffield presented their current work on the aircraft ground movement model for WP1. The University of Lincoln team presented their ongoing work including the speed profile generation algorithm (WP1). A preliminary study has been completed by the University of Stirling in collaboration with Lincoln on fuzzy routing and the scheduling algorithm for WP3. The team at Cranfield University presented their aircraft simulator followed by a discussion about the requirements, including data, which are essential to the realisation of the project. The research team outlined the further work in WP1-WP3 until the next project review meeting. One of the aims to be achieved is setting up different testing scenarios for later piloted trials on the simulator. Also, the research team will plan visits to all industrial partners in order to discuss the available data which can support the project.

Day 2

The second day of the meeting was dedicated to a Meeting Facilitation Skills Workshop delivered by [Facilitate this!](#) to develop the skills of the team in designing and facilitating meetings to support effective team working across the project lifecycle.

Image taken at the Creativity@Home Workshop



The next Project Review Meeting is expected to be held in Spring 2017 at Cranfield University. The meeting will welcome the Steering Committee, including the industrial partners and academics and will showcase the aircraft simulator and ground movement demonstration at Cranfield.