



WakeNet2-Europe Note

WN2E-NLR-ORG-02

Compilation of 'Terms of Reference' for the
Working Group's

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version; draft

date of issue: 15 April 2003

Introduction

In WakeNet2-Europe (WN2E) 7 Working groups have been established to cover different wake turbulence issues. At the kick-off meeting in Amsterdam, 27-28 March 2003, the chairmen of these working groups presented a 'Terms of Reference'. These ToR's are compiled in this note, as well as the contributing WN2E partners.

The activities of a Working Group

The Working Group (WG) activities have been described as follows in the WN2E 'Description of Work' (DoW):

“**Working groups (WG's)** consist of a limited number of specialists to enhance the (interdisciplinary) communication. A working group starts with a *Terms of Reference* ('ToR') to be written by the WG-chairman following guide lines from the 'Partner Meeting'. A working group will assess a particular topic in more detail and in a multidisciplinary environment to give recommendations for future research. The working group can not do research itself. It is a forum where information is exchanged across the disciplines such that a common view results of the real problems and the technical implications of particular solutions. The chairman of a WG is a WakeNet2-Europe partner. He writes the ToR, selects the members, organises the discussions, provides guidance in the written communication and reports to WakeNet2-Europe. The Working Group can be a 'virtual group' where information is exchanged and discussions take place by E-mail. If required specific working group meetings can be arranged. Members can be from within or outside the group of WakeNet2-Europe partners. In the latter case travel costs can be reimbursed from the 'general costs budget' according to requests (see section 12). A WG should report at the end of its activity and before whenever necessary, with a technical progress reports at least once a year. “

The following topics have been selected for the Working Groups:

- WG1: Wake vortex risk assessment validation including incident reporting (EUROCONTROL/NATS)
- WG2: Meteorological aspects of the wake vortex problem (DLR-IPA, UKMO)
- WG3: Integration of wake vortex warning systems in ATM environment, novel wake turbulence avoidance procedures (DFS)
- WG4: Characterisation of wake vortex strength&decay (UCL) and encounter parameters (DLR)
- WG5: Simulating wake turbulence effects: aircraft response and pilot's perception (AIRBUS)
- WG6: LIDAR developments and applications for Wake Vortex Research and Airport Applications (QinetiQ)
- WG7: Principles of vortex alleviation devices (ONERA)

The Terms of Reference (ToR's) for each of the WG's will be described in the following pages. Also indicated are the WN2E partners that will contribute. Other interested parties are invited to join the WG activities.