

EUROCONTROL ADVANCED NEST TRAINING COURSE

Brussels, 8th-10th April 2014

The European Organisation for the Safety of Air Navigation, EUROCONTROL, supports collaboration between its Member States in order to achieve the common goal of safe, efficient and sustainable Air Traffic Management (ATM) system within the European region. One means of providing its expertise in the area of ATM is a wide range of training services that EUROCONTROL provides to its stakeholders, namely, Airspace users, Air navigation service providers, airports, National supervisory authorities, international regulators, aeronautics industry and international aviation organisations. Cooperation with academic community is present as well and the Faculty of Transport and Traffic Sciences in Zagreb has also positive experiences.

For the purposes of network capacity planning and airspace design at Area Control Centres (ACC), airport and also at network level, EUROCONTROL experts de-



Flags in front of the EUROCONTROL headquarters building in Brussels

veloped a Network Strategic Tool, NEST. It has been developed in coordination with Air navigation service providers from all countries within the European Civil Aviation Conference (ECAC) zone. NEST is a scenario-based modelling tool that can be used for the capacity planning to optimise available resources, post-operations analysis, organisation of air traffic flows, scenario preparation for the fast time simulations, ad-hoc studies, etc.

The NEST training course is divided into two parts, Basic and Advanced, and is intended as a support to operational staff working within Air navigation service providers and those who are involved in air traffic operations improvement. Other actors from aviation community working on post operation analysis and strategic planning can also find it valuable and useful for their work.

The Advanced NEST training course that was held at EUROCONTROL headquarters in Brussels from 8th to 10th of April was divided into two parts – Capacity planning, with emphasis on evaluation of optimized air traffic control sectors opening scheme, and Airspace design, with emphasis on enhancement of route network efficiency.

Among participants there were operation specialists from different Air navigation service providers such as DFS from Germany, ROMATSA from Romania, UKSATSE from UK, ENAV from Spain. In professional and working but friendly atmosphere led by Vincent Martin, David Deschaume and Annika Lindberg, the training topics were exercised through examples of real operations. Discussions, shared experiences and knowledge among participants from various Air navigation service providers and organisations rendered added value to the training course.

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