

# flyhigher

SHAPING THE NEXT GENERATION OF AERONAUTIC PROFESSIONALS

Issue #2 | April 2013

## Dear Readers

We are pleased to present you with the second issue of the Fly Higher newsletter, intended to update you on the progress and achievements of this European project. With this issue, we aim to introduce you to outcomes of the Fly Higher Project developed so far, such as the GIS MAP of Aeronautic Companies in Europe and to give you a privileged insight on all the fantastic activities that will be taking place over the next months. We welcome your feedback and remain at your disposal for further requests.

**You don't want to miss a thing!**

The Fly Higher team

## News

- The Fly Higher partners invite all schools to fill in [this survey](#) and help to identify the amount of aeronautical education activities across the school curriculum in Europe;
- Don't miss the first Fly Higher Aero Day! in Spain, on the 3rd of May in Madrid!

## The Fly Higher GIS MAP of the Aeronautic Sector

Currently presenting more than 360 companies distributed in several European countries, the [Fly Higher Map](#) aims to make a comprehensive representation of European level database of companies in the aeronautical sector and GIS maps of their geographical distribution. In order to obtain such database, a list of relevant companies were obtained from the Farnborough International Airshow 2012 website and Competitiveness of the EU Aerospace Industry Final Report ENTR/06/054 published on 15 December 2009. Industries were further filtered in terms of their geographical information to include only European Union companies, market capitalization and revenue. Therefore, only Original Equipment Manufacturer (OEM), Tier 1 and Tier 2 suppliers were shortlisted. Currently more industrial databases are looked at and every week more companies are included on the GIS Map.

Out of the selected industries, only **STEM (Science, Technology, Engineering and Mathematics)** based sectors were included in the database. Examples include:

- Avionics and Aircraft Design, Manufacturing and Assembly
- Aero structures, Aero Engine and Aerospace Components, Interiors and Materials
- Maintenance, Repair and Overhaul, Certification and Management
- Space Research and Development (excluding Universities)
- Spacecraft Engine Manufacturer, materials and structures
- Air Traffic Control (ATC) and Terminal operations – IT, Electrical, Electronic and Mechanical Engineering.



SEVENTH FRAMEWORK PROGRAMME

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## The Fly Higher AeroDay!

The first of several AeroDay across Europe is going to take place on the 3<sup>rd</sup> of May at the English-speaking Kings College in Madrid. For one day, students and teachers will meet with Aeronautic Professionals and together will experience all the fun and exciting hands-on activities and workshops about aeronautics. During this day, students will also be able to speed-date with Aeronautic scientists and researchers and get first-hand information about their careers and professional pathways, while testing in first-hand the career tutorials developed by the Fly Higher partners.



## Web competitions for children and youth

*"Have you been on a plane? Have you seen a plane fly? Do you enjoy taking pictures? This is your opportunity to show the rest of the world your great talent. Send us a picture related to planes, flying, airspace... let your imagination fly to that amazing moment when you were travelling by plane or use your imagination to create a picture related to airspace, pilots, airspace... If you get to the final you will be competing against candidates in the whole of Europe. Imagine how far your photograph could go! You will be known by students at schools all over Europe!"*

This is one of the many triggers that will be released on the Fly Higher website during April to challenge children and youth from all over Europe to participate in all the activities promoted by the Fly Higher project. Four competitions will be organized throughout 2013-2014 where these young artists will be able to put their creativity at full power and compete for amazing prizes.

***You don't want to miss a thing!***

## Highlights

### The Fly Higher Industry Survey

The aeronautic industry is a key driver of European cohesion and competitiveness, playing a fundamental role in facilitating economic growth and social inclusion, providing revenues to otherwise isolated regions and helping people to enlarge their horizons. However, the unprecedented economic crisis has posed several relevant challenges that affect European competitiveness, performance and sustainability.

The Fly Higher partners invite all companies to complete this [survey](#) and contribute to a better know-how of the educational needs of the Aeronautic Industry.



### Industrial Working Lunch @ Airbus Delivery Center Toulouse, France

On Monday, the 22nd of April starting at 11:30 am, IRIT's Fly Higher team will organize a working lunch with several managers, including representatives from the Human Resources department, Final Assembly Line, Production and Engineering functions to further discuss the evolution of the Aeronautic careers and recruitment processes within the Sector. Further information will be made available in a Conclusion Report.

## Consortium

