

NASA World Wind Europa Challenge

Trento, Final Event 19-22 September 2016

What's NASA World Wind Europa Challenge

A challenge by its nature or character sounds as a call to combat, contest, undertake a special effort aimed at identifying the best solution to one or more issues. **NASA World Wind Europa Challenge** is an annually organized initiative by NASA in a European city that offers the opportunity for companies and research groups to propose smart and innovative solutions by using the **Virtual World Wind** technology.

<http://eurochallenge.como.polimi.it/>

World Wind is an open source virtual globe developed by NASA providing the technology and the virtual tools to work with spatial data visually. <http://worldwind.arc.nasa.gov/java/>).

Rationale 2016: Smart cities and territories

The World Wind Europa Challenge has always had Europe's INSPIRE Directive to guide project development. This year, we are looking for urban and territorial management solutions calling for the world's "best and brightest" to deliver solutions serving territorial needs.

How does it work?

The competition is open to participants (companies, researchers, students) from all over the world through the use of World Wind open-source platform; this will enable the development of different worldwide innovations, which can be easily shared and replicated to other contexts besides the original one.

The challenge is organized in two phases. **In the first phase**, all the tracks address the same Smart Territories theme. Industry teams compete amongst themselves as part of the 'Professional' track; while researchers and student teams compete amongst themselves as part of respectively the 'Research' and 'School' track (Deadline: online form by 8th August). Finalists will be selected by an international panel of spatial data expert by 15th of August.

This will lead to **the second phase** during which, three representatives from each of the three best-selected teams in each track will be invited in Trento for a three-days' workshop and idea camp. In this world climax event on the Day 1 selected teams will present their projects and discuss the state of the art about GIS and open platforms. On Day 2 teams will compete offering potential solutions for three geo-localization local World Wind Challenges presented by the Trento local authorities as a user-case. Participation to the local competition will give additional points to the NASA World Wind finalist teams! Then on Day 3, winners will be announced. <http://www.trentoinnovation.eu/>

The final event in Trento is coordinated by HIT with the support of the founding members UNITN, FBK FEM and Trentino Sviluppo.

Final event

- **Venue:** Trento
- **When:** From Monday 19th to Thursday 22nd of September 2016

Organizing Team

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Further information on NASA Challenge Call and WorldWind platform functionalities:
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