



TRACK YOUR ATMOSPHERE: ENHANCING DIGITAL AND ENVIRONMENTAL COMPETENCES BY DEVELOPING OPEN EDUCATIONAL RESOURCES FOR TECHNICAL VET three participating countries EU

<http://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details/#project/d5950c20-1eff-41c9-9c4b-b66bde394a94>

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GFZ

HELMHOLTZ-ZENTRUM POTSDAM
DEUTSCHES GEO FORSCHUNGS ZENTRUM (GFZ)



INGV ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA ITALIA



more info

<https://www.tryat.eu/>

Key Action: Cooperation for innovation and the exchange of good practices

Action Type: Strategic Partnerships for vocational education and training

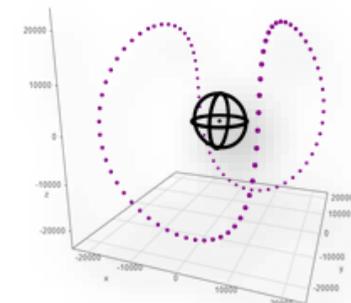


We want to cross-connect our learning platform to other similar platforms and science education projects. By expanding our network, we hope to be able to improve vocational education and training to promote science and innovation!



Co-funded by the Erasmus+ Programme of the European Union

TrackYourATmosphere





ITIS L. da Vinci Napoli www.itidavinci.it



Lycée Saint Cricq Pau <http://www.lycee-saint-cricq.org/>

The TRYAT project, using GPS satellite technology, aims to monitor environmental data for vocational education and training (VET). Global satellite navigation systems (GNSS), of which GPS is a part, are in daily use. By recording the delay suffered by the GNSS signal as it crosses the Earth's atmosphere, it is possible to estimate certain atmospheric physical parameters and compare their evolution over time. The TRYAT project also includes the creation of an online learning platform, three learning units (Open Educational Resources, OER) with an object identified as a basic kit (Arduino) and a series of educational short films on the platform.

The results of the project will be disseminated through the learning web platform, in each participating country. This will foster exchanges and discussions within the community of teachers, instructors and companies, resulting in educational and vocational training benefits in the countries involved.

GNSS data acquired from geodesic receivers of global and regional land networks are operationally analyzed (at GFZ, INGV, DiSTAR UNINA) in near real time. Atmospheric data products, such as total zenith delay and integrated water vapor, are provided for operational assimilation to weather forecasting models and for special scientific surveys by obtaining climate models.



www.tryat.eu

The programme, approved by [EU Regulation N 1288/2013](#) by the European Parliament and the Council, combines and integrates all the funding mechanisms implemented by the EU

The integrated programme provides an overview of the available grant opportunities, aims to facilitate access and promotes synergies between different sectors by removing barriers between different types of projects; It also wants to attract new players from the world of work and civil society and stimulate new forms of cooperation.

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