

Relationship number: RLT253508

Period of Exchange: From 5/10 to 4/05 (6 months)

Brief introduction (max. 1000 characters):

Who are the participants, how did they discover EYE, why did they decide to participate, what were the expected benefits...

Andrè and Nicola are respectively HE and NE from Portugal and Italy. The NE came across this Erasmus opportunity through a colleague in a company where the CEO was hosted 4 years before by Andre, within the EYE's program. What mainly aimed at the NE to participate was the chance to be immersed in an international work environment, in which taking the first step, broaden the exposure and the network contacts. Andrè has already taken part of the EYE, as explained before, and his decision to host another NE is the factual probe that this program is a driver of innovation, know-how and business development.



Activities undertaken (max. 1000 characters):

During the exchange, Nicola gained solid competencies in traffic simulation software PTV Visum and Vissim, applying them to mixed-use developments, intersections and roundabouts, and developed a methodology based on Geospatial Machine Learning for a road safety study in Coimbra, reducing processing times while maintaining 98% accuracy and eliminating the need for costly GIS software through Google Colab. At the same time, André benefited from this innovation through a faster and more cost-effective analysis process, expanding its internal know-how, and gained strategic insights to guide future technology choices thanks to the market research and benchmarking Nicola conducted on automated traffic data solutions. This experience also helped establish connections with Nicola's home university in Italy, fostering potential future collaboration between academia and industry

Benefits achieved (max. 1000 characters):

The experience allowed Nicola to consolidate advanced technical skills in traffic simulation and geospatial analysis within a real international environment, sharpening his analytical and problem-solving capabilities through direct comparison with André's methodologies. He also developed professional communication skills in English and built valuable

New Entrepreneur :

Name & surname: Nicola Lomuscio

Country: Italy

Age: 23

Status: Would-be entrepreneur/Start-up

Sector: Engineering

Name of business:

Website:--

Host Entrepreneur:

Name & surname: Andrè Remedio

Country: Portugal

Age: --

Experience (years): 25

Sector: Civil Engineering

Name of business: Engimind

Website:

<https://www.engimind.com/pt>

international contacts through business development activities, engaging directly with companies in the sector to identify solutions aligned with corporate interests. Several topics explored will feed into his thesis, confirming the academic value of the exchange. From André's perspective, the collaboration brought fresh analytical approaches and innovative tools to ongoing projects, strengthened ties with the Italian academic system, and provided useful market insights that support the company's strategic decision-making process.

Quotation regarding the experience:

NE (max. 300 characters): “ After this experience I came back home with the conviction that networking is the most valuable skill someone can strengthen. Apart from the technical knowledge, companies are made of people, and the decisions taken within them are the result of debates, contacts, external influences. Be capable of taking advantages from them, to grow business and communities, has to be the priority of everyone nowadays.” **Nicola, New Entrepreneur**

HE (max. 300 characters): “ Hosting a New Entrepreneur through Erasmus was highly valuable. We collaborated on mobility projects, focusing on transport modeling, business planning, and new data processing methodologies. The exchange brought fresh open-data perspectives and international connections. We highly recommend it!” **Andr , Host Entrepreneur**

For further information about the exchange:

- NIO/HIO, ___, ___: ___
- HIO/NIO, Instituto Tecnol gico de Canarias, eye@itccanarias.org

For information on the programme and details on how to enroll visit:
www.erasmus-entrepreneurs.eu