



DOC

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SEA-EU DOC Training Event 3

The problem-solving skills for higher education learners

Date and venue: 23 to 27 May 2022 – Spinit incubator, Ul. Antuna Gustava Matoša 56, Split

Programme:

Day 1 - Welcoming and opening session - introduction to the TRIZ (Theory of Inventive Problem Solving) method (part 1)

- After the official welcoming, the participants will be introduced to the TRIZ problem-solving methods, tools and the most frequent case studies. TRIZ is problem-solving philosophy that gathers 40 principles/solutions able to overcome any problems. The facilitator will explain the different methods from TRIZ toolbox that will be used during the workshop (e.g. Function Analysis, Function Analysis for Processes, Trends of Technology Evolution, 40 Inventive Solutions, etc.).

Day 2 - Introduction to the TRIZ method (part 2)

- The participants will continue from where they left off on day 1, receiving a deeper insight into the principles and implementation possibilities of TRIZ method.
- At the end of the day, the participants will be introduced with the representatives of the companies from marine, maritime and coastal fields who will present number of challenges or problems they are dealing with in their business spheres.

Day 3 and 4 – The problem - solving (working in teams)

- Students will start working on solving the problems, together with their supervisors. They will be divided into groups of up to 5 participants. The groups will be transdisciplinary and international. In order to notice the differences in the way of thinking and to make the workshop dynamic, the two groups will work on solving the same problem. Therefore, it is expected to have a total of 6 cases represented from the companies. Students will be supported with the help of supervisors and different technical staff during the training event.

Day 5 – The final pitch

- On the closing day the students will present their findings. The representatives of the companies will also take part in this final event.

