

## What is a Needs Analysis?

Needs Analysis: assessment tool for identifying needs and gaps, between current and desired conditions.

Needs analysis within the context of inGenious:

To identify the existing challenges and gaps in the current school-industry collaboration

Leading to identifying the next steps to further strengthen the school-industry collaboration through recommendations and common strategies to overcome the challenges and gaps in the school-industry collaboration and thus increase the number of young people interested in STEM education and careers

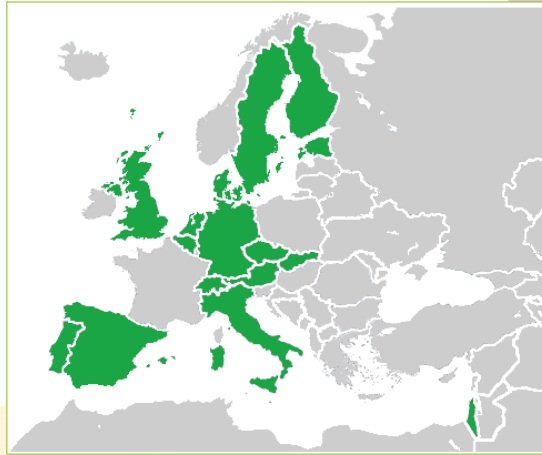


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## 15 National Needs Analysis workshops in 15 countries

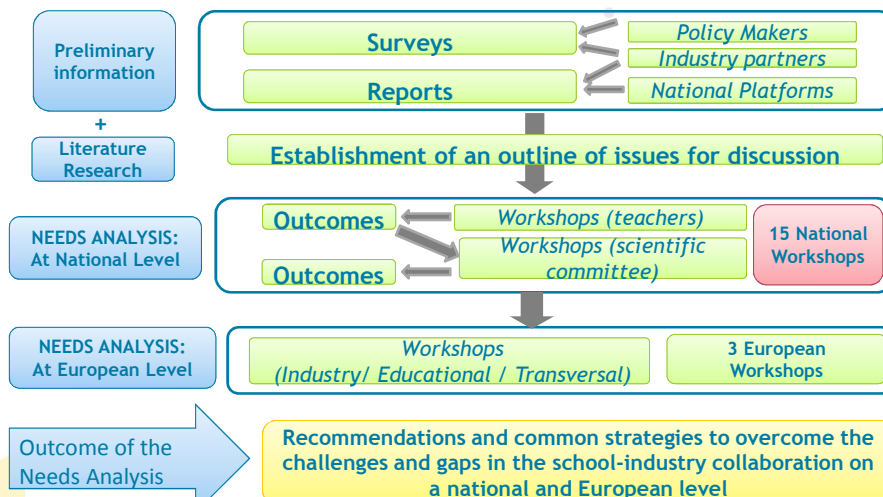
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- Belgium
- Denmark
- Estonia
- Finland
- France
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- Israel
- Italy
- Netherlands
- Portugal
- Slovakia
- Spain
- Sweden
- United Kingdom



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## The Needs Analysis within the inGenious initiative



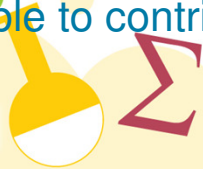
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## Industry profile preferred by School

- Must be interested in collaboration
- Sustainable owner with a long-term vision
- Must base its business on ethical values
- Is willing to invest (time, money, know-how) in collaboration
- Available human resources willing and able to contribute to collaboration



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## Industry-side

- Industry is ready to communicate with teachers, instructors and career advisors, but the initiative should come from schools as education is their primary activity.
- Making their competency available to schools is not the industry's first priority.



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## Main motivators for Industry

- More positive image
- More support from a local community
- Young people are becoming an important target group - will also affect other decision-makers of the family
- Employees - school leavers who can make a career decision, university students



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## Main expectations from Industry

- Umbrella organizations as their collaboration partners
- Schools with relevant specialized line of education in their curriculum
- Interested in collaboration with extracurricular hobby classes



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## School profile preferred by Industry

- School administration is interested in collaboration with industry.
- Motivated teachers are willing to make lessons more interesting.
- Motivated pupils are interested in going to the university after getting secondary education.
- Motivated community and parents, who can help creating and maintaining the connection between school and industry.



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## Key Challenges

- Time factor
- Industry lacks human resources qualified in curricular matters
- Industry alone is incapable of generating teaching materials, therefore collaboration with teachers is inevitable
- Before starting it must be clear which topic(s) the joint curricular efforts will support and how



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## Bridging the gaps

- Setting up support structures
- Public funding should be available
- Support the distribution of information



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