

QUESTIONNAIRE FOR TEACHERS ON ENTREPRENEURSHIP EDUCATION AND SUSTAINABLE ENTREPRENEURSHIP COMPETENCE

This research is related to ERASMUS + funded Sustainability-driven entrepreneurship -project. The aim is to develop curricula and teaching methods in sustainable entrepreneurship. Entrepreneurship and sustainability are both topics that can be embedded in all school subjects. Please notice that there are no correct answers! It is ok to answer that you have no ability to teach entrepreneurship or sustainability. This is important information for further development. All the information given by you is strictly confidential; we will not disclose a single teacher's replies.

Background:

1. Age _____
2. Teaching experience in years _____
3. Do you have experience of working as an entrepreneur (previously or currently, included part-time)?
Yes/no
4. Have you participated in training related to entrepreneurship education? Yes/no
5. Have you worked in business life? Yes/no → if yes, how many years? ____ What were you in charge of? _____
6. What is your approach in teaching entrepreneurship, choose the most appropriate option:
 - a) I teach courses directly related to entrepreneurship
 - b) I teach other courses but I apply aspects of entrepreneurship in my teaching
 - c) I don't teach entrepreneurship at all
7. What is your approach in teaching sustainability, choose the most appropriate option:
 - a) I teach courses directly related to sustainability
 - b) I teach other courses but I apply aspects of sustainability in my teaching
 - c) I don't teach sustainability at all

Methods in entrepreneurship education

Have you (and how much) implemented following methods in entrepreneurship education in your teaching:

- | | |
|---|-------------------------------|
| 8. Traditional course (lectures, exercises, exam, etc.) | 1 not at all -----7 very much |
| 9. Project-type course with cooperation with an enterprise | 1 not at all -----7 very much |
| 10. Inviting entrepreneurs to classes | 1 not at all -----7 very much |
| 11. Practice enterprise activities (or other virtual business activities) | 1 not at all -----7 very much |
| 12. Cooperation with incubator programmes | 1 not at all -----7 very much |
| 13. Company visits | 1 not at all -----7 very much |
| 14. Business plans as exercises | 1 not at all -----7 very much |
| 15. Business competitions | 1 not at all -----7 very much |
| 16. Games | 1 not at all -----7 very much |
| 17. Case studies | 1 not at all -----7 very much |
| 18. Entrepreneurship stories | 1 not at all -----7 very much |
| 19. Something else, please specify what: | 1 not at all -----7 very much |

Teaching entrepreneurial competence

In the following, you will find a list of things associated with competence in entrepreneurship. Please assess your own current abilities in regard to teaching the following aspects of entrepreneurial competence on a scale:

no ability 1 2 3 4 5 6 7 strong ability

20. Teach students to use their imagination and abilities to identify opportunities for creating value
21. Teach students to identify some unsolved problem of opportunity
22. Teach students to validate that this opportunity or problem is relevant for a significant group of potential customers
23. Teach students to develop creative and purposeful ideas
24. Teach students how to work towards a vision of their future
25. Teach students how to make the most of ideas and opportunities from different points of views
26. Teach students to assess the consequences and impact of ideas, opportunities and actions
27. Teach students to believe in themselves and keep developing.
28. Teach students how to stay focused and don't give up
29. Teach students how to gather and manage the resources they need
30. Teach students to understand financial and economic issues.
31. Teach students how to inspire, enthuse and get others on board
32. Teach students how to initiate processes that create value and how they can take up challenges
33. Teach students how to prioritize, organize and follow-up
34. Teach students to make decisions in uncertain situations and deal with ambiguity and risk
35. Teach students how to team-up, collaborate and network
36. Teach students how to reflect and learn from both success and failure.

Business development

Please assess your own current abilities in regard to teaching these competences related to business development on scale:

no ability 1 2 3 4 5 6 7 strong ability

37. Different forms of entrepreneurship (i.e. part-time, hybrid entrepreneurs, light entrepreneurs)
38. Business models
39. Developing a business idea
40. Analyzing competitors
41. Writing business plans
42. Prototyping the product
43. Pitching effectively
44. Starting up a business
45. Business management
46. Financing business (both starting and developing)
47. Growing a business (growth strategies)
48. Business transfers (buying or selling the company)



Teaching sustainable entrepreneurship competence

In the following, you will find a list of things associated with competence in sustainable entrepreneurship.

Please assess your own current abilities in regard to teaching these competences to students on a scale:
no ability 1 2 3 4 5 6 7 strong ability

I have no ability ----- strong ability to:

49. teach students how to bring together economic, social, and environmental conflicts of interest.
50. teach students how to find information about sustainability from different sources.
51. explain the importance of involving local stakeholders (e.g., in recruitment) for a company.
52. teach students how to construct and consider different directions for sustainability in the future.
53. teach students how to identify risks and opportunities inherent in present and future developments.
54. teach students how to take the impact on the short as well as the long term into consideration when analyzing and evaluating scenario's for action.
55. teach students how to take both the impact on the local and the global scales into consideration when analyzing and evaluating scenario's for action.
56. teach students how to identify the key operations of a company that have a negative impact on the environment or society.
57. teach students how to analyze strengths and weaknesses of production
58. teach students how to improve production in order to reduce the negative effects on the environment or society.
59. teach students how to integrate social, environmental, and societal issues into future plans of a company.
60. encourage students to take initiative to make improvements in students own practice based on norms, values, targets, and principles of sustainability.
61. explain what is seen as "good sustainable practice" in my field.
62. teach students how to apply norms, values, targets, and principles of sustainability to practice.
63. encourage students to challenge not sustainable ways of individuals or a company.
64. teach students how to identify opportunities for sustainable development.
65. teach students how to turn social, environmental, or societal challenges into opportunities for an organization/company.
66. teach students how to motivate others to invest in sustainability.
67. teach students how to monitor the sustainability performance of a company.

