

Task 2.2 Definition of Qualification Framework – the “EuroTeQ Learning Professional”

SUMMARY

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Our main objective in Work Package 2 of BoostEuroteQ is to develop a concept for the training of “Learning Professionals” which are specialists in the scientific upskilling of engineers and are responsible for the facilitation of knowledge transfer and co-creative innovation activities between the EuroTeQ partner universities and industry. The report aims to sharpen the understanding of the role and necessary competences of the “EuroTeQ Learning Professional” and offers a unifying qualification framework taking into account the existing differences at the partner universities regarding training offers and respective structures with regard to this role.

The comprehensive qualification framework was developed based on an iterative process of integrating feedback from different interlocutors involved in professional education and/or learning and development activities at the partner universities or in industry. The qualification framework differentiates between specialized-methodological, social-communicational, personal, and activity and realization-oriented competencies. Relevant competences in the four areas are:

Competence area	Relevant knowledge, skills and competences
Specialized-methodological	<ul style="list-style-type: none"> • Assessment of professionals’ developmental / learning needs • Market / competitor analysis regarding professional education offers • Didactics and adult pedagogy (incl. dealing with heterogeneity) • Use of educational technologies • Program evaluation and competence assessment
Social-communicational	<ul style="list-style-type: none"> • Science communication (i.e., audience-tailored communication) • Presenting and moderating • Networking and (interdisciplinary) cooperation
Personal	<ul style="list-style-type: none"> • Self-organization and self-regulation • Conceptual thinking • Flexibility, adaptability and openness
Activity/realization-oriented	<ul style="list-style-type: none"> • Empowerment, motivation • Enthusiasm

Focusing on specialized-methodological and social-communicational competences, the qualification framework formulates learning outcomes are formulated which are considered most important for the qualification of the “EuroTeQ Learning Professional”. For example:

Didactics and adult pedagogy

- Knowledge about basic principles of adult learning and pedagogical psychology
- Knowledge about principles and formats of individualized and personalized learning
- Knowledge and skills to develop and design tailor-made learning offers

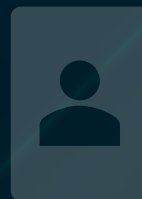
Use of educational technologies

- Knowledge of current trends in professional learning and development
- Knowledge of state-of-the-art technologies to support professional learning and development
- Skills to use and implement digital tools in learning journeys

Science communication

- Understanding the target group, central questions and common language
- Skills to break down complex topics and apply them using practical examples
- Knowledge and skills to communicate relevance, relativity and uncertainty of science

Contact



Lisa Hasenbein

Researcher & Project Manager
lisa.hasenbein@tum.de

Further documents

More information and further documents can be requested by contacting Lisa Hasenbein.

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