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TEMPLATE OF CROSS-LITERATURE REVIEW RESULTS

beFORE - Becoming-Oriented Entrepreneurs in universities and companies

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for top publications presenting core foresight and entrepreneurial competences excluding domestic publication
Analysis of at least 10 publications

We would like to direct your attention that filling the last page in this questionnaire is obligatory

Guidelines: The aim of this template is to identify core foresight and innovation/entrepreneurship competences in relation to knowledge, skills and social competences that a future-oriented manager should possess. The source of data for the analysis are key books in the field and the other printed works on foresight and entrepreneurship (even popular-scientific studies), as well as peer review articles coming from leading journals such as *Technological Forecasting and Social Change*, *Futures*, *Long Range Planning*, to name but a few. Each partner involved in the task (universities) is free to select at least ten articles/books on the subject matter. The partners are also free to add any relevant articles/books. In the first place, we suggest to work on the publications which deal with the convergence among futures studies, entrepreneurship and innovation. In case of difficulty with the identification of core foresight and innovation/entrepreneurship competences in these sources, we suggest to work on the articles/books from three fields of expertise (namely foresight, entrepreneurship and innovation) separately.

The authors with affiliations	Dannenber, Sascha, Freie Universität Berlin (Germany), Department for Educational Futures Studies Grapentin, Theresa, Freie Universität Berlin (Germany), Department for Educational Futures Studies
Title of the publication	Education for Sustainable Development - Learning for Transformation. The Example of Germany
Journal title*	Journal of Futures Studies
Number of journal*/year of publication/pages	20/2016/pp.7–20
Database of the scientific article's retrieval*	http://jfsdigital.org/wp-content/uploads/2016/11/01_Articles01_Education.pdf
Keywords (or phrases) by which the publication was identified	competencies, transformation
Main keywords/phrases of the publication	transformation, Education for Sustainable Development, competencies, Gestaltungskompetenz
Core foresight and entrepreneurial competences	<ol style="list-style-type: none"> (1) Integrate new perspectives and a global view in knowledge generation (2) interdisciplinary (3) anticipation in thinking and acting (4) Identify and assess risks and uncertainties (5) act and plan in cooperation (6) Participate in decision-making processes (7) Motivate others to act in a sustainable way (8) Reflect one's own principles as well as those of others (9) act and plan independently (10) reflect different and divergent notions of justice (11) show and feel empathy and solidarity
Convergence among futures studies and entrepreneurship	All the competencies mentioned above are summarized as Gestaltungskompetenz (competence to shape) which involves all parts of education with the aim to give individuals the competence to actively shape sustainable development for a common future.
Convergence among futures studies and innovation	
Convergence among futures studies and entrepreneurship and innovation	
Main highlights of the article (in bullets, up to 2500 characters including spaces)	This paper present the international programme Education for Sustainable Development (ESD), mainly based on the experiences of the UN Decade of ESD (DESD) in Germany. It introduces the concept of Gestaltungskompetenz, which focuses on specific skills and capabilities needed to decide and act in situations of uncertainty and complexity. As such



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	ESD is central for the education for future-oriented entrepreneur in schools and universities.
Other observations or comments	ESD is a comprehensive concept, which is - in contrast to other concepts on future-oriented education - widely operationalized, tested and validated in different context.

*Fill the following fields for the articles exclusively