The impact of entrepreneurship education – from ABC to PhD

Kåre Moberg, PhD, kaare@ffe-ye.dk
The Danish Foundation for Entrepreneurship – Young Enterprise (FFE-YE)
The Danish Foundation for Entrepreneurship Young Enterprise

- The central national knowledge center and focal point for the development of entrepreneurship teaching at all educational levels – from ABC to PhD.

- Allocates funding for the development and further development of education with a focus on innovation and entrepreneurship at all levels of the education system.

- Works as a knowledge center to diffuse and communicate results from research about entrepreneurship teaching. Through surveys and analyses the Foundation also helps generate new knowledge about the spreading and impact of entrepreneurship education in Denmark.
What is entrepreneurship and entrepreneurship education?

Entrepreneurship is when you act upon opportunities and ideas and transform them into value for others. The value that is created can be financial, cultural, or social.

Entrepreneurship education = Content, methods and activities supporting the creation of knowledge, competencies and experiences that make it possible for students to initiate and participate in entrepreneurial value creating processes.
Two large scale research projects with longitudinal research design

- Seventeen master level programmes (entrepreneurship+control group) have been followed since 2011.
- Developed measurements and tested different survey designs.
- This research design has allowed us to replicate most of our findings and to assess in what degree the effects we observe remain over time.
Cognitively-Oriented Entrepreneurial Skills

Entrepreneurial Intentions

Non-Cognitive Entrepreneurial Skills

School Engagement

+ +
- -
- -

kaare@ffe-ye.dk | PhD Defence | 19-08-2014
Cognitively-Oriented Entrepreneurial Skills

Non-Cognitive Entrepreneurial Skills

Action-Based Teaching Methods

Perceived Teacher Support

Entrepreneurial Intentions

School Engagement
# The Dimensions of ESE

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<tbody>
<tr>
<td>Search/Creativity</td>
<td>Strong</td>
<td>Strong</td>
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<tr>
<td>Planning</td>
<td>Strong</td>
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<td>Finance</td>
<td>Strong</td>
<td>Weak</td>
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<tr>
<td>Marshalling</td>
<td>No</td>
<td>Strong</td>
<td>Strong</td>
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<tr>
<td>Ambiguity</td>
<td>Strong</td>
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The structured association between ESE, social norms and entrepreneurial attitudes with entrepreneurial intentions for students with and without entrepreneurial experience.
Does entrepreneurship education work?
There are really many ways to teach entrepreneurship and innovation… and it is impossible for a single organisation to investigate all of the effects.
Our solution

- Develop an app that automates the programme evaluation and allows theachers at all levels of education to evaluate their own teaching practice and how it affects their pupils’/students’ entrepreneurial self-efficacy, attitudes and mindset.
- But also their school engagement, educational motivation and connectedness to peers and teachers.
- The questionnaires - which have been developed together with six other European countries - have been piloted in 13 countries with good results (5000+ respondents).
- We are developing the App in collaboration with JA-YE Europe (financed by MetLife).
Thank you!

Kåre Moberg, PhD

kaare@ffe-ye.dk