



Innovation Cluster for Entrepreneurship Education

“Offer the opportunity to young people to have at least one practical entrepreneurial experience before leaving compulsory education, such as running a mini-company, being responsible for an entrepreneurial project for a company or a social project”.

European Commission, Entrepreneurship 2020

The “Innovation Cluster for Entrepreneurship Education” (ICEE) is the **new Erasmus + funded project** lead by JA Europe in collaboration with four Ministries of Education (Estonia, Finland, Italy and Latvia) and Enterprise Flanders (representing the Ministry in Flanders, Belgium); three research institutes (Eastern Norway Research Institute, The Foundation for Entrepreneurship - Young Enterprise Denmark and the Faculty of Economics in Osijek, J.J. Strossmayer University); five national JA organizations (Belgium, Finland, Italy, Estonia, and Latvia).

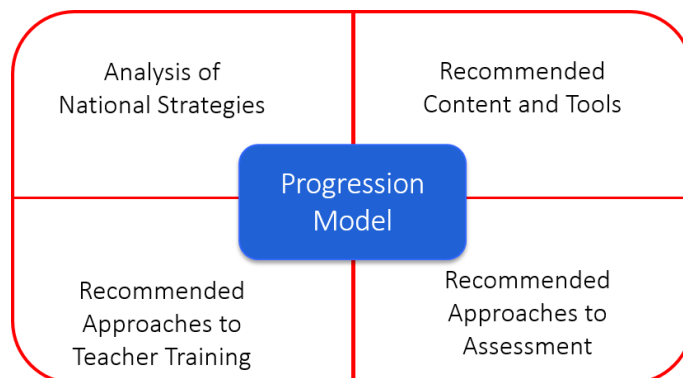
The main objective of the project is to analyse the **impact of entrepreneurship education** and understand what is needed to reach the European goal, which is that every young person should have a practical entrepreneurial experience before leaving school. The consortium will test **what the scenario looks like at 50% penetration** among students between 15 and 20 years old and **carry out 27-month field trial** using mini-companies in twenty schools (academic as well as vocational) across the five countries.

Mini-companies are among the most successful concepts fostering entrepreneurial education. Research conducted in Sweden, Norway and Denmark shows that there are positive indications of the successful achievement of learning outcomes, increased student engagement and long-term outcomes such as enhanced employability and higher start-up rates. Considering these positive indications and the widespread use of mini-companies in European schools, the consortium will use this method as its test-bed. The field trials, based on qualitative and quantitative methods, will focus on learning outcomes, drivers and hindrances, and the community effects of entrepreneurship education by collecting information from students, teachers, headmasters, parents and volunteers (test groups and control groups).

The main research questions are:

- What kind of learning outcomes can be identified?
 - Does increased focus on entrepreneurship education enhance the learning of other subjects and basic skills?
 - What is the effect on entrepreneurial ambitions and potential?
 - What is the effect on general entrepreneurial abilities?
 - Does school motivation (and presence) increase?
- What kind of hindrances and drivers can we identify for entrepreneurship education?
- Is it possible to identify any community effects (parents, volunteers, local community)?

Through four innovation clusters, the consortium will analyse national strategies and come up with suggestions for **how entrepreneurial learning can flow from primary to upper secondary in a 'progression model'**, linked to content and tools which can be used, approaches to teacher training and assessment tools.



All the Ministries in the consortium have a specific focus on entrepreneurship education in their national/regional strategies. Eastern Norway Research Institute specialises in impact research and policy evaluation. The Foundation for Entrepreneurship-Young Enterprise in Denmark and J.J. Strossmayer University Croatia are knowledge centres on entrepreneurial learning. JA Europe and its national organisations are expert in entrepreneurial programs and in connecting schools with the local community.

The ICEE consortium:

<i>Project coordinator</i>	JA Europe
<i>3 Research Bodies</i>	Eastern Norway Research Institute
	Fonden for Entreprenørskab - Young Enterprise Denmark
	Faculty of Economics in Osijek, J.J. Strossmayer University in OsijekJosip
<i>BELGIUM – FLANDERS</i>	Enterprise Flanders Vlaamse Jonge Ondernemingen
<i>FINLAND</i>	Finnish Ministry of Education and Culture JA-YE Finland
<i>ESTONIA</i>	Estonian Ministry of Education and Research SA Junior Achievement Eesti
<i>ITALY</i>	Italian Ministry of Education Junior Achievement Italia
<i>LATVIA</i>	Ministry of Education Latvia Junior Achievement- Young Enterprise Latvija