Co-funded by the Erasmus+ Programme of the European Union

UKids

Entrepreneurial skills for young social innovators in an open digital world

Co-funded by European Union's Horizon 2020 research and innovation programme under grant agreement No 77006

# Education of Young People for Social Innovation, and Entrepreneurial Educational Practices in and out of Makerspaces: Evidence, Challenges, Cooperation Strategies and Future Policies

Time: Thursday, 21st of Feb., 2019, 09:00 - 14:00

Bundesministerium Bildung, Wissenschaft und Forschung

eesi

CHANGE MAKER PROGRAMM

STARTE DEIN PROJEKT

salzburgresearch

YouthProAktiv

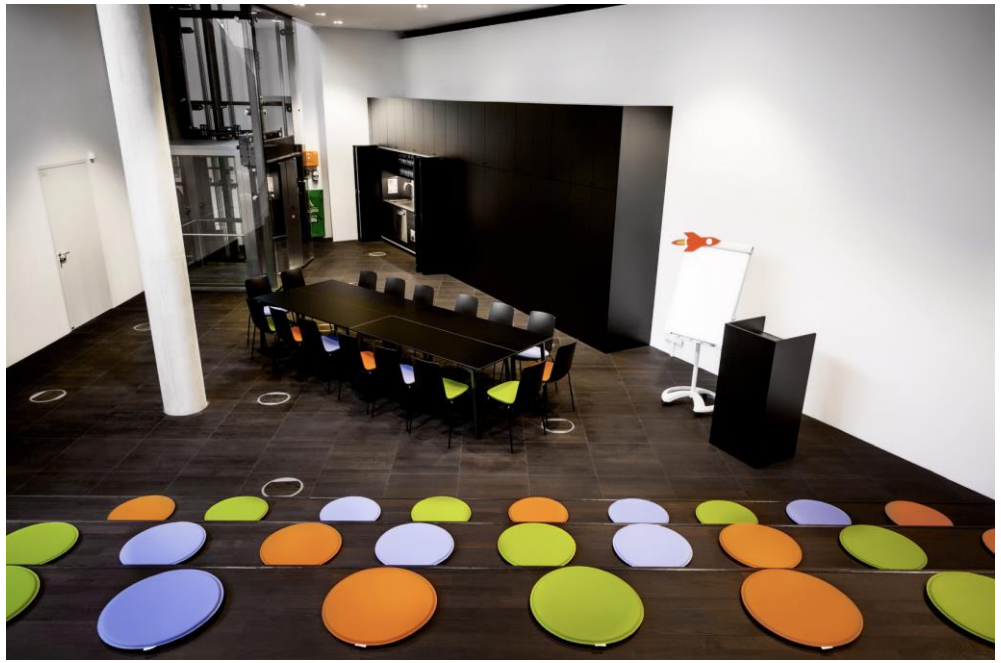
KPH KIRCHLICHE PÄDAGOGISCHE HOCHSCHULE WIEN/KREMS

INITIATIVE FOR TEACHING ENTREPRENEURSHIP ifte

# Place

FLIP | Erste Financial Life Park

FLiP – Lab, Am Belvedere 1, 1100 Vienna



# Objectives and Preparational Materials

The objectives of this expert workshop are to

- Evaluate the state-of-the-art in and evidence of effects of Early Entrepreneurship Education (EEE)
- Relate the DOIT Programme of utilizing makerspaces to other approaches of EEE, maker education, social innovation and STEM,
- Discuss challenges, policy recommendations and cooperation possibilities among European EEE projects (e.g. feedback on the DOIT Policy Brief 1 and Memorandum of Understanding),
- Connect the DOIT practice partners with other European representatives and concepts from the sphere of social entrepreneurship in school settings,
- Address current issues and collect insights needed to further adapt the DOIT Programme, the facilitator training and materials on role model integration (young social entrepreneurs).

Preparational Materials

All participants are invited to check the following materials and documents for preparation. All materials and links for the expert meeting are provided at the DOIT's homepage:

https://www.doit-europe.net/event/expertmeeting1

- DOIT Programme
- DOIT Policy Brief 1 (Draft Version)
- DOIT Memorandum of Understanding (Draft version)
- Youth Start approach
- EU project NEMESIS approach

# Programme

08:30 Registration

09:00 – 09:15
Welcome and Introduction
*Philip List, Director FLIP*
Video message *from Petra Kammerevert*
*Johannes Lindner*
*Moderator: Radovana Jágriková*

09:15 – 09:30
Young social entrepreneurs in focus
*moderated by Valentin Mayerhofer*

09:30 – 09:55 Key Impulse:

European entrepreneurial skills and mindset development for young people for primary, secondary education: European evidence, critical success factors and future policy challenges for integrating social innovation & maker education. *Elin McCallum*

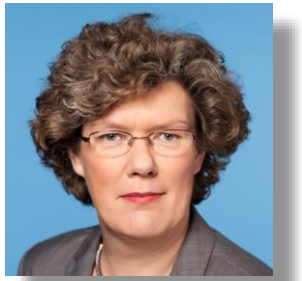
09:55-10:00 Sharing Exercise

10:00 – 10:20 Experience Impulse 1:
The maker movement, social innovation and the DOIT Programme:

Pilot experiences and first policy recommendations
*Sandra Schön and Veronika Hornung-Prähauser*

10:20 – 10:35 Experience Impulse 2:
Experience with Maker projects in formal school education in Vienna, Austria

*Wilfried Lepuschitz, Vienna, AT Coordinator "Makers@School"*



**MEP Petra Kammerevert**
Chair of Committee on Culture and Education at European Parliament

**Prof. Johannes Lindner**
Head of the EESI-Center BMBWF & ifte.at, KPH Vienna/Krems

**Dr.in Sandra Schön**
Salzburg Research Coordinator DOIT

**Dr.in Veronika Hornung-Prähauser**
Salzburg Research, Head of InnovationLab

**Dr. Wilfried Lepuschitz**
Practical Robotics Institute Austria

**Dir. Elin McCallum**
Bantani Education asbl

10.35 – 10:55 Experience Impulse 3:
Evidence from the "You$^{th}$ Start – Entrepreneurial Challenges" programme – empowering each child at elementary schools & from UKids – the implementation of Social Entrepreneurship at the initial teacher training. *Eva Jambor and Johannes Lindner*

10:55 – 11:10 Closing Impulse:
Maker education in curricula and beyond - current state and approaches in Austria
*Martin Ebner*

11:10 – 11:30 Break

11:30 – 12:30 Round-table discussions: Future Challenges for bridging the gap between formal entrepreneurial education and maker education:

1. Does the "social" matter in entrepreneurship education in early stage Entrepreneurship Education, and, if yes, how? How can it be assessed?
2. What are the barriers and enablers for social innovation, social entrepreneurship & maker education policies and practices? What are success factors for social entrepreneurship and making as cross-curricular activity in schools?
3. How to integrate young role models (youth social entrepreneurs) and idea challenges (competitions) for social innovation and maker projects (e.g. Changemaker Program, Social Impact Award) into effective educational initiatives?
4. What degree of professionalization and skill development for teachers is needed in entrepreneurial education through social innovation and making/digital?
5. What investment in infrastructure and resources is needed in order to use makerspace settings in formal education? Is there potential for better cooperation with Fab/MakerLabs?

*Moderation: Radovana Jágriková, YouthProAktiv, Belgium*

12:30 – 13:00 Closing session: Summaries, insights and suggestions for policy recommendations with all experts

13:00 – 14:00 Networking and cooperation lunch - Exchanging best practice tools & materials

**Adj.Prof. PhD. Martin Ebner**
TU Graz

**Eva Jambor**
Youth Start Director
ifte.at

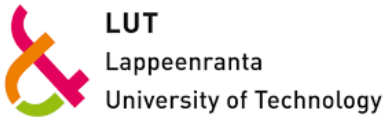
**Radovana Jágriková**
YouthProAktiv, Belgium

**Jonas Dinger**
Head Social Impact Award

**Prof.$^{in}$ Susanne Spangl**
KPH Wien/Krems
UKids Coordinator

**Valentin Mayerhofer**
Board ifte.at
Changemaker Program

# Round-table moderators from the DOIT pilot team



Entrepreneurial skills
for young social innovators
in an open digital world

The European DOIT project (DOIT – **Entrepreneurial skills for young social innovators in an open digital world,** http://DOIT-Europe.net), a Horizon 2020 Innovation Action, trials a new practice-based approach for developing digital, social and entrepreneurial competences of young people (6–16 years old) in makerspaces. The project recognises that fostering entrepreneurial mind-sets, attitudes and skills of young people for innovative ventures should begin early on in creative and collaborative settings. Makerspaces provide such settings to promote creativity, self-confidence, team-work and other competences of entrepreneurial people. Makerspaces are not a theoretical concept, but a rapidly growing number of creative centres, where people get together and work on projects, using various digital and other productive tools.

The DOIT project suggests mobilising makerspaces, within schools as well as for extracurricular activities, to empower primary- and secondary-school pupils, together with teachers and other facilitators, to develop innovative solutions for social and environmental issues. Such issues, perceived in the local context, can engage young people in maker activities, aimed to acquire and apply creative and entrepreneurial competences.

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UKids

The objective of the European UKids project is to implement Social Entrepreneurship Education in teacher training for elementary schools and associated partner schools. The project follows on from the results of the Erasmus+ Policy Experimentation Project "Youth Start Entrepreneurial Challenges" (www.youthstart.eu). Teaching-learning arrangements for the elementary level are used and new ones developed (e.g. Markttag Challenge, Community Challenge).

A permanent implementation at University Teacher College Vienna/Krems is aimed at for teacher training in the primary school; within the framework of the UKids project, work is being done on event formats for teacher training (including digital learning possibilities). The scientific monitoring is based on an action research approach.

In the "UKids" project, universities and elementary schools from six countries (Denmark, Finland, the Netherlands, Austria, Portugal, Hungary) cooperate. The lead of the project lies with University Teacher College Vienna/Krems.

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FLiP | Erste Financial Life Park

The Financial Life Park is an interactive exhibition and much more besides. The FLiP Experience visitor programme combines with the FLiP Library, FLiP Lab and FLiP Web to form an information platform about money, the economy and entrepreneurship.

The FLiP Experience is a visitor programme that takes visitor groups to a series of stations along a “learning trail”. The sequence of the stations can be modified to suit the needs of each group and tailor the content accordingly. A collection of savings devices rounds off the FLiP Experience.

Details: www.financiallifepark.at/en

YouthStart ENTREPRENEURIAL CHALLENGES www.youthstart.eu

The European Erasmus+ Key Action 3 policy experimentation **Youth Start – Entrepreneurial Challenges** project was one of the largest projects ever undertaken in entrepreneurship education and evidence-based public policy.

The project represents a collaboration between the ministries of education of Austria, Luxembourg, Portugal, and Slovenia. The learning program was developed in Austria (IFTE) and evaluated by FFE-YE (Denmark). The practice-oriented, student-centered approach was built to foster core competencies in young people, with the aim of improving their chances in the labor market and expanding their outlook on life.

The Learning program is conceived as a challenge-based learning methodology. It has a flexible and transversal interdisciplinary method and targets students at primary and secondary levels of education. It makes it possible for teachers, in all kinds of schools (regular and vocational) and from various subjects, to embed it in their classes and use the modules with their students. The programme is also adaptable and targets students at primary and secondary schools and involves various subject areas.

Details: www.youthstartproject.eu and www.youthstart.eu

YouthStart Network: www.youthstart.info

Co-funded by the Erasmus+ Programme of the European Union

# Contacts

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Prof. Johannes Lindner

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www.eesi-impulszentrum.at

Initiative for Teaching Entrepreneurship www.ifte.at

www.youthstart.eu