



**Did you know?**

It was a woman engineer – Stephanie Kwolek – who discovered the bulletproof fibre Kevlar, which now protects soldiers worldwide?

**We need more female entrepreneurs in engineering**

COVID-19 had affected the whole of Europe and it has shown to everyone how unprepared we had been and the areas and ways interventions are needed.

In the beginning of the COVID-19 pandemic the World Economic Forum, issued an article Building a more sustainable world will need more women engineers in which it was stated that *“Attracting and supporting more women in engineering benefits everyone by increasing the potential to*

Many countries worldwide are suffering from a shortage in engineering talent, which is often compounded by the prejudices that hold back half of the potential workforce.



**1**  
**BY TRANSFORMING**  
their access to training on Entrepreneurship

**2**  
**BY INCREASING**  
the quality of the training the receive

**3**  
**BY OFFERING**  
state of the art and fully updated knowledge

develop inclusive, innovative solutions for the complex problems the world is facing". EMERGE engineers is indeed a pioneering project that tries to offer such an innovative solution and the pilot testings running in Poland, Ireland and Turkey already proves that.

## Emerge Course Curriculum and OERs

The EMERGE suite of Open Educational Resources (OERs) were designed with a female engineering entrepreneurial focus in mind. They were developed to have an inherent regional adaptation capacity and facilitate innovative teaching to female engineers. The EMERGE OERs are a first of its kind 'Female Start Up in Engineering' Skills Curriculum consisting of 9 tailored Modules. They respond to the local skills gaps and sectoral needs in each of the respective partner countries. The EMERGE Partnerships provided a dynamic forum where OERs could be benchmarked against VET providers, HEI providers and existing best practice business models. As a result, these partnerships shedded light on specialist entrepreneurship skills for women specific to engineering. Concrete innovative high-quality content is delivered through a multitude of ways, examples and learning topics with relevant tips, goals, examples of pedagogic strategies, teaching materials and case studies. You can find more at the following [link](#).

## Emerge Modules

### We are changing the scene

- ▶ M1: Engineering Entrepreneurship, where are the women?
- ▶ M2: Validate Your Business Start Up Idea
- ▶ M3: Unlock your Entrepreneurial Brilliance
- ▶ M4: Undertaking a proof of Concept Process
- ▶ M5: Choose your Business Model
- ▶ M6: Marketing for Success
- ▶ M7: Get External Support
- ▶ M8: Financing – Getting Investor Ready
- ▶ M9: Collaboration for Success

All your modules have been downloaded in less than a month by more than 200 females! If you are interested to get access to them simply click on the [link](#).

By joining our community at <http://www.emergeengineers.eu/> you will:

- ▶ [learn all the latest trends on the topic](#)



- ▶ [Read blogs from successful female entrepreneurs in engineering](#)
- ▶ [Access our state of the art training material](#)

### Our Next Steps

The final step in our journey is our designed Learning Placement Framework which will be tested on 30 emerging entrepreneurs in 30 host engineering business. It will be a 14 weeks program that will allow female engineers to help solve real problems in the engineering world.

## Who are we?

The consortium consists of a well-balanced, and complementary mix of organizations, involving actors from: Public sector, Academia, Work and training/education involved in Skills and knowledge transfer, Entrepreneurship, Mentoring, Innovation, ICT Tools, all of them helping people in creating the needed mindset and supporting them to apply the gained knowledge and project results in their day to day activities.



momentum  
[educate + innovate]



ECWT  
EUROPEAN CENTRE FOR WOMEN AND TECHNOLOGY



**“Engineering was presented to me as the most awesome thing ever, so how could I not choose to be an engineer?” – Ana Margarida Trigo/ Advanced Engineering Systems for Industry - Bosch**

## Be part of our Story

In all 5 countries participating in EMERGE we are planning to organize showcase events at which we plan to present an overview of the project and its achievements so that attendees can deepen their understanding of importance of supporting women in STEM. We will also explain in detail the practical tools we had developed for teaching entrepreneurship to women engineering learners and finally to encourage attendees to explore and/or make commitments to using the results within their own organization.

The showcase events will take place in October – November 2020 and will include an initial plenary session to introduce EMERGE motivation and concept, smaller breakout working sessions to facilitate “hands on” use of developed tools and will be concluded with a final plenary session which will review the work and opinions of the breakout groups.

If you want to participate in our events, please contact us directly or check out our new newsletter that will provide you with more information.

23rd of June is the International Women in Engineering Day (INWED20) supported by UNESCO and organised by the Women’s Engineering Society (WES). It raises the profile of women engineers focusing attention on the “amazing career opportunities available to girls in this exciting industry”.



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