

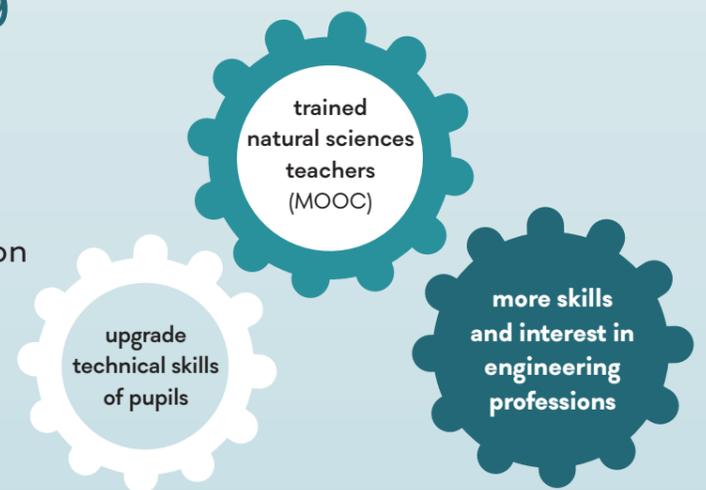
ENGINEERING LITERACY – TEACHERS AS A MEDIUM FOR CHANGE

THE ELIC PROJECT

- ▶ Erasmus+ Strategic Partnership for School Education
- ▶ MOOC (massive open online course) for natural sciences teachers to improve engineering literacy among secondary school pupils
- ▶ Project duration: October 2017 – September 2019

KNOWLEDGE TRANSFER AT 2 LEVELS

- 1 implementation of a MOOC with natural sciences teachers, based on desk research, expert interviews and practical inputs from industry
- 2 skill transfer of gathered technical knowledge from teachers to secondary school pupils



MAIN OBJECTIVES

- ▶ ELIC addresses shortages of engineering professionals in Austria, the Czech Republic, Germany and Italy
- ▶ to improve and transfer technical skills of natural sciences teachers
- ▶ to motivate pupils of secondary schools to engage with engineering

TARGET GROUPS

at secondary schools

- ▶ natural sciences teachers
 - ▶ school managers
 - ▶ pupils
- and
- ▶ educational institutions & school authorities

PROJECT COORDINATOR:

FH JOANNEUM
Fahrzeugtechnik /
Automotive Engineering

PARTNER INSTITUTIONS:

brgkepler

crewaia
TEACHING/GUIDING/SEARCHING

FERMO SOLARI
ISAS

Hochschule Düsseldorf
University of Applied Sciences
HSD

ISCN
International Software Consulting Network



Pascal-Gymnasium
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