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## **BADGE: Global competence for sustainable internationalisation in engineering education**

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### **Abstract**

This paper presents a new Erasmus+ funded project, Becoming a digital global engineer (BADGE 2020). The project is a three-year collaboration between language and communication teachers at 14 technical universities and engineering departments in 12 countries, with partners representing industry, consultants, educational organizations and students. The rationale behind the project is the recognition of two facts: the ever-increasing need for global competence among engineering graduates and professionals (Parkinson 2009, OECD 2018), and the need to boost and adjust communication and language for specific purposes (LSP) teaching to better support sustainable internationalisation, acknowledging multiculturalism and multilingualism.

The project was initiated from within a larger network of language and communication teachers at technical universities in Europe (GELS 2020), established in 2015 to “enhance future engineers’ language skills in order to prepare them for the increasingly challenging demands of a globalised market”, and is divided into 8 intellectual outputs: communication course for future engineers, sustainable writing skills for engineers, e-communication skills, global competence and entrepreneurship, podcasting and video casting architecture, soft skills for engineering students, and global competence through IT and serious games.

Working in 8 transnational teams, we will develop learning material ranging from course syllabi and exercises, to handbooks and pods, to be made freely available for download and local modification as open educational resources. Furthermore, the material will be connected to a system of digital badges that can be used as a supplement to official degree diplomas.

**Keywords:** engineering students, global competence, language learning, intercultural communication, digital badges, open educational resources, language for specific purposes

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