

EDUBOTS

- **Programa:** Erasmus +
- **Acción:** KA2 Knowledge Alliance
- **Fechas:** 1/11/19 31/10/21
- **Coordinación:** Edtech Foundry As (Noruega)
- **Socios:** Sveučiliste U Zagrebu (Croacia), Research Centre on Interactive Media, Smart Systems and Emerging Technologies-Rise Limited (Chipre), Universidad de Granada (España), Rigas Tehniska Universitate (Letonia), Anna & Hubert Labs Ab (Suecia), University of Leeds (Reino Unido).

- **Descripción:**

i) **Challenge:** The student-educator ratio in higher education is high. This leads to challenges for both: Educators can't promote formative assessment in their teaching. Students don't get personalised feedback to increase their learning. Chatbots have the potential of tackling both these challenges. The technology is ready, but the implementation in higher education is still in its infancy. The main reason is the lack of knowledge in how to implement and train the chatbots for specific scenarios in higher education.

ii) **Solution:** We will define current state of the art and pilot pedagogical chatbots for education from Hubert and Differ at 5 universities in year 1 of the project. Shared knowledge and learning will make the basis for the first iterations of case studies and best practices documentation will be made publicly available. In Year 2 we will invite more higher education institutions to implement pedagogical chatbots as a service for their students with a self-service solutions. We will setup open, digital learning communities (cMOOCs), build a knowledge sharing culture among educators, and motivate the implementation of pedagogical chatbots improving the quality of education in Europe.

iii) **Project goals:** Document best practises for the use of chatbots in higher education. Proven up to 50 % lower dropout rates. Allow 5,000 HE educators participating in an open knowledge sharing community (cMOOC) with a potential reach of 500,000 students.

iv) **Vision:** Create a sharing culture among educators in higher education leading to best practices implementation of pedagogical chatbots and improving quality of higher education in Europe.

v) **Impact:** Reduce dropout rates and improved cost effectiveness, enabling higher education institutions to enroll more student with the same or lower budget.