



CADEP Acacia Network: Fighting against university dropout and improvement of academic level through international cooperation

5th Exploratory Workshop:

Internationalisation of Higher Education: Challenges and Rewards
Alba Iulia, 26 - 27 April, 2018

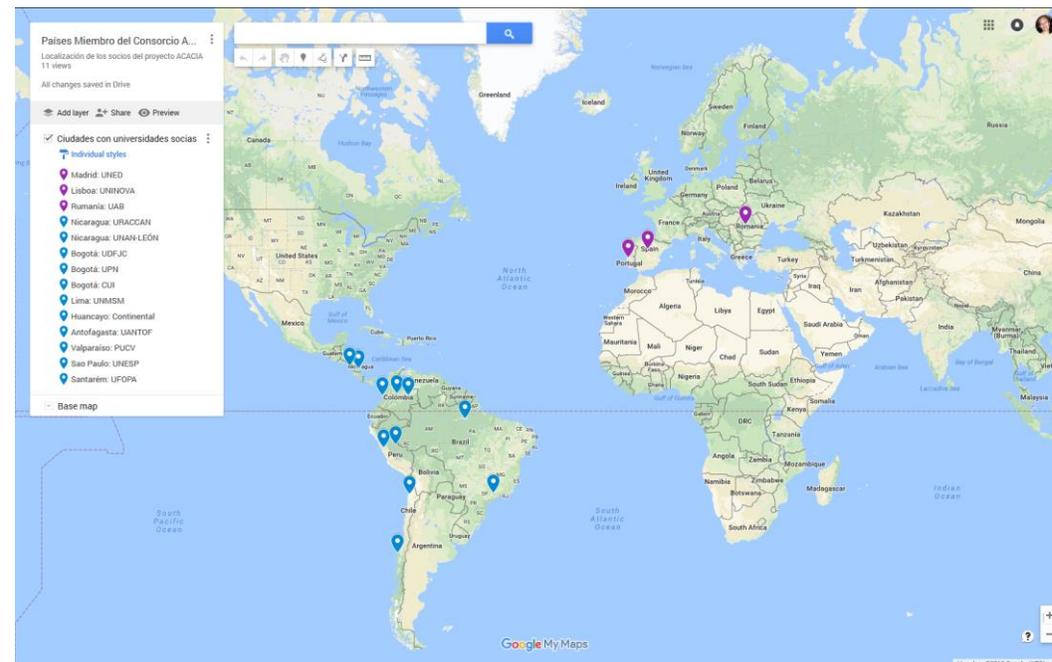


Cofinanciado por el
programa Erasmus+
de la Unión Europea



ACACIA's Consortium

- 14 universities
- 3 EU + 11 LA
- 3 Cooperating entities





What is a CADEP Acacia

- Centros de **A**poyo y **D**esarrollo **E**ducativo y **P**rofesional (CADEP), que **A**poyan, **C**ultivan, **A**daptan, **C**omunican, **I**nnovan y **A**cogen (ACACIA)
- Educational and Professional Support and Development Centers (CADEP), which support, cultivate, adapt, communicate, innovate and welcome (ACACIA)



How & Why

- **Why**
 - To combat dropouts and improve academic level
- **How**
 - With a system of integral attention to the student.
 - That part of a differential approach.
 - That includes both academic and technical and administrative staff.
 - Through articulated and coordinated actions.





CADEP Acacia's Modules



- **Empowers:** It provides training in e-learning standards, accessibility and usability; it is in charge of the knowledge base maintenance of the Kit and ALTER-NATIVA thesaurus; it supports the creation of accessible educational contents and their necessary adaptations (e.g. Interpretation of sign language)



- **Innovates:** It boosts the creation of applications and devices to cover special educational needs and diversity (e.g. through 3D printer).



- **Cultivates:** It defines and develops models, systems and necessary contents in the production of accessible didactic areas; in the creation of accessible educational designs that incorporate the emotional dimension of the professors and the students; and in the application of ALTER-NATIVA curricular models in different educational scenarios.



- **Supports:** It detects, monitors and supports the emotions of students in critical family situations through both action strategies and advanced automatic systems (e.g. System of automatic detection of emotions) to improve the academic level and to avoid dropouts.



- **Convene:** It organizes and manages the activities; from the physical to the technological and communication infrastructure, necessary for the proper functioning of CADEP and its internal and external articulation with other universities, entities and other CADEP (e.g.. space, physical and technological resources, institutional rules).

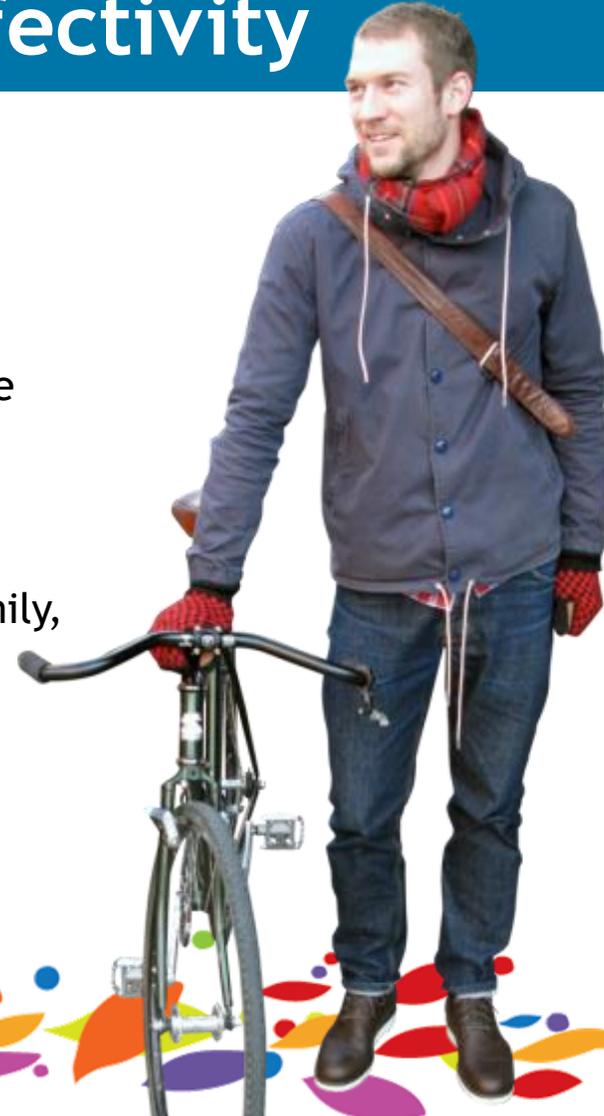


Support: Innovation in university academic and social affectivity

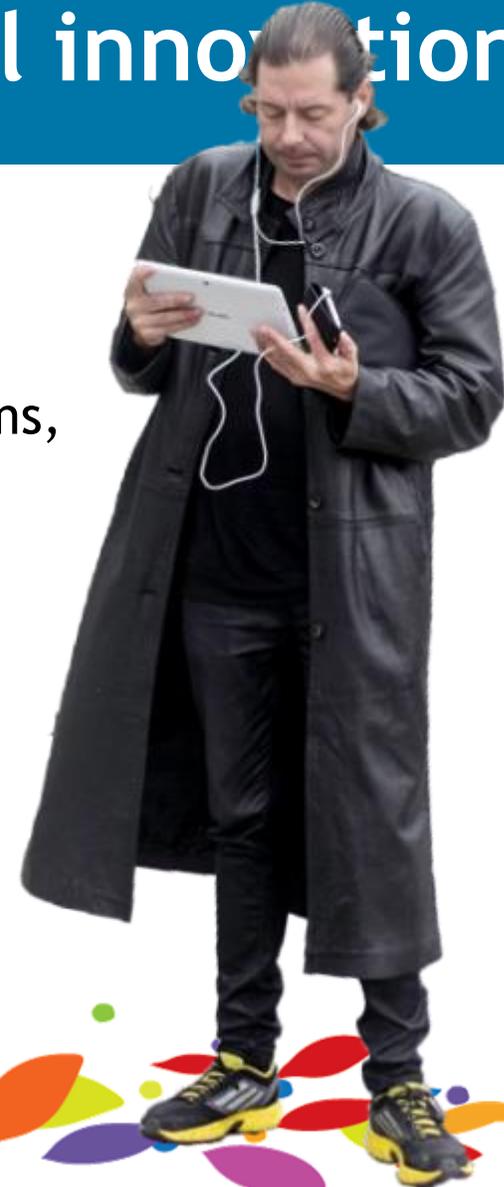
- Machine learning solutions to detect emotions.
- Generating didactic recommendations that respond to the emotional states of the student.
- Following up to improve their academic level and avoid student desertion.
- Community outreach awareness campaigns, including family, business, and the rest of the social fabric.



Módulo Apoya



- Through the use of knowledge management systems, as well as the creation and reuse of innovative applications and devices, fostering university entrepreneurship, knowledge transfer and the university-business relationship





Cultivate: Didactic innovation

- Development of guidelines, models and prototypes of didactic type to support differentiated teaching and learning processes according to cognitive, affective and cultural conditions of the students.
- Incorporation of curricular references that make university curricula more flexible.



Módulo Cultiva





Empower: Accessibility

- Supports the autonomy of teachers, technical and administrative staff to create accessible content. He teaches accessibility and advises on the use of adaptations such as sign language interpretation.

Módulo Empodera





Convене: Innovation in academic management

- Through a management system of physical, technological and communication infrastructure; for solidarity cooperation and its internal and external articulation with other university bodies, other entities and others CADEP.





3 Pilots → CADEP Acacia Network

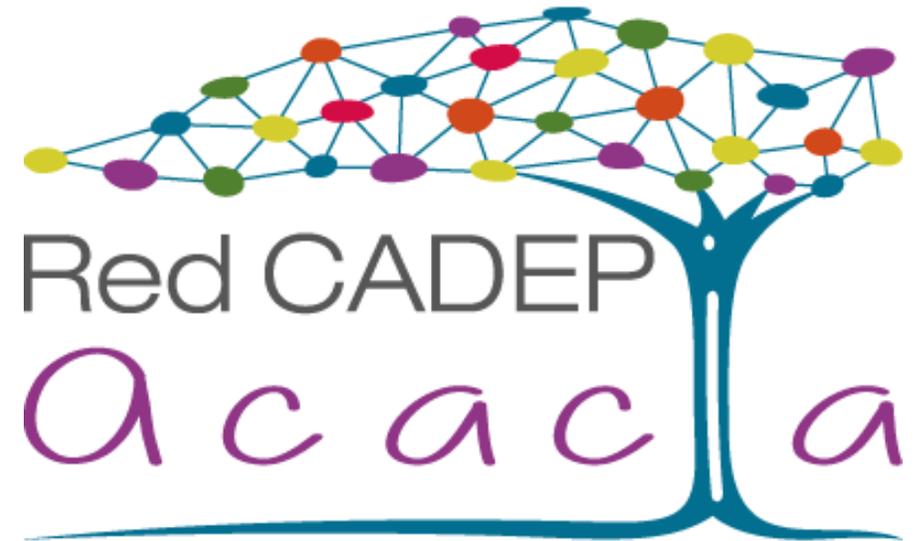
- An Observatory of Student Desertion
- A model in execution
- Development of an innovative and unique professional profile in the region
- Replicable model - Reliable structure





International cooperation

- Acacia MOOC Channel: College degree by 4 Universities
- Social campaigns
- Technological developments
- Observatory of Student Desertion



Expected results

- The CADEP Acacia will improve:
 - The degree of engagement of students.
 - The academic level.
 - The professional level of teachers and technical and administrative staff.
 - Follow-up, so that action can be taken to prevent desertion, taking into account its causes in each case.





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<http://acacia.digital>.





Thank you!

Emmanuelle Gutiérrez y Restrepo



emmanuelle@sidar.org - egutierrez@dia.uned.es

<http://acacia.digital>

