



Development of a Regional Master Programme in Pig Production and Food Security in Caribbean Countries

FED/2013/320-193

2016 - Joint Stakeholders' Conference
of the ACP-EU Co-operation Programmes



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- **Leading Partner: University of Girona, Spain**
 - Partner 1: Universität Leipzig (UL), Germany
 - Partner 2: Universidad ISA, Dominican Republic
 - Partner 3: Universidad Central Marta Abreu de Las Villas (UCLV), Cuba
 - Partner 4: Universidad Nacional Pedro Henríquez Ureña (UNPHU), Dominican Republic
 - Partner 5: Universite Chretienne du North d’Haiti (UCNH), Haiti
- **Location:** Cuba, Haiti, Dominican Republic, Germany, Spain
- **Topic:** Agriculture and Food Security
- **Keywords:** Pig, food, healthy, animal production

<p>Specific objectives</p>	<p>Development of courses for a Master Program in pig production and food security in four universities of the Caribbean Increased inter-institutional networking between ACP partners and EU Upgraded qualifications of academic staff from ACP Improved institutional frameworks to pursue academic programs in ACP partners Increased mobility of postgraduate students and teaching staff</p>
<p>Results achieved Main deliverables</p>	<p>Three curriculums for Master Program in pig production and food security Training courses taught for tutors, teachers and academic and administrative managers Updated education manuals and administrative guidelines Stays of academic tutors in European partners countries Setting up of three Interuniversity Service for job vacancies Creation of the Steering Committee for each Academic team</p>
<p>Target Groups Final Beneficiaries</p>	<p>TARGET GROUP: four Caribbean Universities (management, administrative and academic staff) FINAL BENEFICIARIES:</p> <ul style="list-style-type: none"> ● Other universities in ACP countries ● Ministries of education and Ministry in charge of livestock ● Swine sector (farmers, companies working in Artificial Insemination, slaughterhouses, meat-processing factories) ● Future students and local society



HOW IS RECOGNIZED THE VALUE OF GENERATED KNOWLEDGE, AND HOW MAY IT BE LINKED TO THE ONGOING ACTIVITIES?

Trained academic staff:

- Highly qualified graduates (master) and professionals (continuing education courses)
- Increased hability to design Master Programmes according to professional competences that graduates have to reach

Trained administrative and management staff:

- Improved use of all resources

Legislation for each ACP country:

- Creation of agreements for mobility of students and teaching staff

Upgraded scientific knowledge:

- Increased number of publications and thesis

WHAT ROLES MAY BENEFICIARIES AND STAKEHOLDERS UNDERTAKE, AT THEIR RESPECTIVE LEVELS, IN A LONGER TERM PERSPECTIVE?

Academic, administrative and management staff

- Training through attending European universities
- Creation of a national and international network of teachers with expertise in the field

Students

- Higher habilities and knowledge on pig production and food safety area
- Increased opportunities of mobility across countries
- Increased offer of jobs and training through successful cooperation between University-Business

WHAT ROLES MAY BENEFICIARIES AND STAKEHOLDERS UNDERTAKE, AT THEIR RESPECTIVE LEVELS, IN A LONGER TERM PERSPECTIVE?

Swine Sector

- Better-trained staff and environmentally conscious → Improved ability to access and to compete with national and international market
- Upgraded employees due to continuing education courses offered by Universities
- Upgraded knowledge in ART (Assisted Reproduction Technology) to help the recovery of native pig breed



WHAT ROLES MAY BENEFICIARIES AND STAKEHOLDERS UNDERTAKE, AT THEIR RESPECTIVE LEVELS, IN A LONGER TERM PERSPECTIVE?

Other public authorities

- Design and tracking education courses using tools learned from the European system

Local society

- To help reduce the environmental impact by improving waste management
- To increase consumer safety

Other universities of their countries

- Implementation of similar master programs based upon partners' experiences

WHAT ARE THE IMPLICATIONS, IN THE LONGER TERM PERSPECTIVE, FOR FURTHER STI/HE DEVELOPMENT IN AND ACROSS THE ACP COUNTRIES?

- **Better-prepared students** → Encourage improvement of quality at productive sector
- **Encouraging students mobility** → Increase of knowledge and expertise
- **Encouraging staff mobility** → Increase of the quality of higher education
- **Improving the relationship Universities-Companies** → Increasing offers/vacancies at the productive sector

WHAT ARE THE IMPLICATIONS, IN THE LONGER TERM PERSPECTIVE, FOR FURTHER STI/HE DEVELOPMENT IN AND ACROSS THE ACP COUNTRIES?

- **Upgraded novel techniques and tools** → Major dissemination of their research (research papers in JCR/SCI journals, conferences, meetings and workshops)
- **Increasing the network between ACP and European universities** → Increase the access to PhD studies
- **Accession to European guidelines and manuals** → Optimization of resources



Conclusions

- The Current Edulink action has allowed setting a robust network across ACP and EU universities.
- Through this network, a MSc course in pig production and food safety has been devised.
- The course design has much benefit from sharing experiences between EU and ACP universities, including training of teaching staff.
- The implementation of this MSc course and its resulting graduated students will definitely contribute to livestock and food sectors in ACP countries, which will in turn impact upon their economical growth.