



Junta de Andalucía

Consejería de Transformación Económica  
Industria, Conocimiento y Universidades  
Agencia Andaluza del Conocimiento

*Andalusian Agency of Knowledge:  
Activity Report of the Directorate of Evaluation and  
Accreditation  
2021*

February 2022



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## Executive Summary

### 1. DIRECTORATE FOR EVALUATION AND ACCREDITATION

The AAC is responsible for the evaluation and accreditation of quality assurance in Higher Education and research through the Directorate for Evaluation and Accreditation (DEVA). The actions provided by this Directorate are developed in accordance with the regulatory framework into force and the Standards and Guidelines for Quality Assurance in the European Higher Education Area (EHEA). This commonly agreed quality framework projects internationally the research developed at Andalusian universities and research centres, in order to facilitate mobility of students, researchers and professional staff, and enable them to compete on the global stage beyond the autonomous community.

The main milestones achieved in DEVA's areas in 2021 are:

- University Institutions
  - A total of **17** final evaluation reports were issued for the verification of new degrees (5 bachelor, 11 Master and 1 doctorate degrees), and 3 applications for Bachelor verification were desisted by the corresponding university after the final reports were issued.
  - A total of **105** final reports for **modification** were issued for verified degrees; 28 Bachelor, 55 Master and 22 doctorate degrees. During the evaluation process the universities desisted from applications in the modification proceeding (1 Bachelor and 2 Master degrees).
  - The Andalusian universities submitted an application for Accreditation renewal, according to the Resolution of 8 September, 2020 by the General Secretary for Universities, Research and Technology (SGUIT), a total of **149** degrees (51 Bachelor, 95 Master and 3 doctorate degrees).
  - In the **follow-up** programme corresponding to the call 2020/2021, a total of **364** applications were reviewed (131 Bachelor, 136 Master and 97 Doctorate degrees).
  - A total of two evaluation reports were issued on the **recognition of private universities**.
  - The follow-up procedure for the evaluation of **foreign languages proficiency** was reviewed at an Andalusian university.
  - Within the framework of the **DOCENTIA** programme to review the teaching evaluation procedure, **2** follow-up reports and **1** design report were issued.
  - With regard to the **IMPLANTA** programme for the certification of quality assurance systems at university centres, **2** reports were issued on applications submitted in March 2020 and **3** applications received within the framework 2020 (1<sup>a</sup> stage December 2020).
  - A total of **2** reports on **Institutional Accreditation** at Andalusian Centres at the University Pablo de Olavide.
- Teaching staff

With regard to teaching staff accreditation, a total of **643** applicants were reviewed, and a total of **1.169** applications for accreditation distributed in different contractual positions (Lecturers, private universities teaching staff and Lecturers with clinical research at the Andalusian Public Health System -SSPA). A total of **47** applications for evaluation were submitted, and the Appeals Committee for Accreditation issued **73** reports on contractual positions which had been unfavourably reviewed by the Committees for accreditation evaluation.

Additionally, **31** applications for the recruitment of Professors Emeritus were reviewed, and they all were favourably reviewed.
- Research

The reviews conducted by DEVA's Area for Evaluation of Research, Development and Innovation (R+D+I) were:

  - **1.367** applications for Grants to R+D+I Projects. Universities and Public Entities. Call 2020.



- 187 allegations to evaluation reports on R+D+I Projects. Universities and Public entities. Call 2020.
- 58 re-evaluation of applications following exclusion of some members in the call for Grants to R+D+I Projects. Universities and Public entities. Call 2020.
- 2 appeals on evaluation reports concerning Grants to R+D+I Projects. Universities and Public Entities. Call 2020.
- 8 applications for PI change in R+D+I Projects. Universities and Public Entities. Call 2019.
- 1.235 applications for Grants to Projects on the Andalusian Operational FEDER programme. Public Universities. Call 2020.
- 149 allegations to evaluation reports on Grants to Projects within the Andalusian Operational FEDER programme. Public Universities. Call 2020.
- 2 applications for the follow-up of Projects on the Andalusian Operational FEDER programme. Public Entities. Call 2018.
- 14 applications for teams modification within Projects on the Andalusian Operational FEDER programme. Public Entities. Call 2018.
- 6 applications for PI change within Projects on the Andalusian Operational FEDER programme. Private Entities. Call 2018.
- 2 applications for PI change within Projects on the Andalusian Operational FEDER programme. Private Entities. Call 2020.
- 89 applications for Grants to Projects with collaborative interest at International Excellence Centres (CEIS). Call 2020.
- 8 allegations to evaluation reports on Projects for collaborative interest at International Excellence Centres (CEIS). Call 2020.
- 2 applications for team changes in Research Projects on SARS-COV-2 and COVID-19.
- 3 applications for PIs changes in Research Projects on SARS-COV-2 and COVID-19.
- 6 applications for the follow-up of Grants to Research Projects on SARS-COV-2 and COVID-19.
- 48 applications for doctoral research staff by the Andalusian Knowledge System 2021 (Stage 1). Call 2021.
- 5 allegations to the proposal for resolution on research staff by the Andalusian Knowledge System 2021 (Stage 1). Call 2021.
- 913 applications for doctoral research staff by agents of the Andalusian Knowledge System 2021 (Stage 2). Call 2021.
- 116 allegations to the proposal for resolution on doctoral research staff by the Andalusian Knowledge System Agents 2021 (Stage 2). Call 2021.
- 3 appeals to the resolution on doctoral research staff by the Andalusian Knowledge System 2021 (Stage 2). Call 2020.
- **451 applications for predoctoral contracts of research training contracts by the Andalusian Knowledge System. Call 2021.**
- 83 allegations to the evaluation reports on predoctoral research staff recruitment by the Andalusian Knowledge System agents. Call 2021.
- 29 allegations to the evaluation reports on the call for recruitment of Research Talent (EMERGIA). Call 2020.
- 7 applications to the creation of Andalusian Research Institutes.
- 1 verification report on FEDER grants awarded to knowledge transfer activities among the Andalusian Knowledge System Agents and the entrepreneurial sector. Call 2017.



- **5** applications for PI changes in knowledge transfer activities among the Andalusian Knowledge System Agents and the entrepreneurial sector. Call 2017.
  - **2** scientific-technical evaluation reports on the proposal for modification of applications for grants on knowledge transfer activities between the agents in the Andalusian Knowledge System and the entrepreneurial sector. Call 2017.
  - **1** report on the budget reallocation concerning knowledge transfer activities between the Andalusian Knowledge System Agents and the entrepreneurial sector. Call 2017.
  - **2** follow-up reports to grants for knowledge transfer activities between the Andalusian Knowledge System Agents and the entrepreneurial sector. Call 2017.
  - **1** application for teams modification on grants to infrastructures and R+D+I equipments. Public Entities. Call 2019.
  - **55** applications from Research Groups in the Andalusian Knowledge System Electronic Register (SAC).
  - **1** allegation against the registration of Research Groups in the Andalusian Knowledge System Electronic Register (SAC).
  - **1** application for area change in Research Groups.
  - **105** applications for AEI Operative Groups Projects. Regional Ministry for Agriculture, Livestock, Fishing and Sustainable Development.
  - **5** applications for Andalusian Projects on Industrial Research, Experimental Development and Entrepreneurial Innovation.
- Internationalisation

With regard to the development of international activities, different actions have been conducted to promote DEVA's participation in international entities, as well as on the DEVA's assessment processes abroad, such as:

- Follow-up visit by the review panel members concerning membership renewal in the European Association for Quality Assurance in Higher Education (ENQA) in 2019, as a voluntary stage within the periodic review process provided for the EHEA quality assurance agencies.
1. Collaboration with the Andalusian universities coordinating European Universities alliances to support quality assurance of all the activities and objectives proposed in these consortia. The European Approach has been adapted in order to be applied in the Andalusian context and a Guide has been approved by the Technical Committee for Evaluation and Accreditation.



## QUALITY EVALUATION AND ACCREDITATION







## QUALITY EVALUATION AND ACCREDITATION

*The Andalusian Agency of Knowledge is responsible for the following evaluation and accreditation functions in the scope of the Andalusian Knowledge System:*

- *The evaluation and accreditation of Higher Education institutions and teaching staff, as well as other related activities.*
- *The evaluation and accreditation of research activities and the Andalusian Knowledge System staff.*
- *The provision of criteria, standards, indicators and methodologies for the assessment and improvement of quality assurance in the Andalusian Knowledge System.*
- *Promoting, in an independent and objective approach, the implementation of follow-up and quality assurance systems, as well as excellence in research.*
- *The evaluation and follow-up of R+D+I programmes, and the provision of mechanisms for mutual recognition among accrediting entities registered in the leading international registers of reference.*

The Directorate for Evaluation and Accreditation (DEVA) is the body dependant on the Governing Council, which is independent in the exercise of its functions concerning the direction, coordination and management of the areas included below:

Area of University Evaluation and Accreditation.

Area of Evaluation of Research, Development and Innovation (I+D+I).

Area of Evaluation and Accreditation of teaching staff.

Area of Institutional Accreditation.

Area of International Relations.





## 1 Activities with Stakeholders

### 1.1 Meetings with the *European Association for Quality Assurance in Higher Education (ENQA)*

The Directorate for Evaluation and Accreditation (AAC-DEVA), as full member of the European Association for Quality Assurance in Higher Education (ENQA), attended the following **meetings**:

- ENQA Extraordinary General Assembly (February 11 and March 10).
- ENQA Forum (replaced by an online meeting of the General Assembly, April 22).
- ENQA General Assembly (online event - October 22).

### 1.2 Meetings with the *Spanish Network of Quality Assurance Agencies (REACU)*

- January 28, 2021. AAC-DEVA attends the REACU Online General Assembly, where issues such as ENQA General Assembly, the report on the collaboration between EQAR and the European General Secretary for Employment, Social Affairs, and Inclusion, concerning the Register of qualifications data, the analysis of the 2018 Pilot Programme Six-year term Transfer and the renewal of the technical secretary/coordination in REACU.
- March 11, 2021. AAC-DEVA attends a meeting with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the role of the agencies with regard to micro-credentials, the Docentia Programme draft and to study the submission of proposals on consultation period about Organic Law of the University System (LOSU)
- May 5, 2021. DEVA-AAC attends a meeting with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the development of the Resolution of April, 6, 2021, by the General Secretary of Universities, providing the approval of recommendations with regard to the standards and guidelines for the review of verification, modification, follow-up and accreditation renewal of university official Bachelor and Master degrees delivered in hybrid and virtual learning modalities, observations and agreements on the Docentia draft, the planning of the next academic year: development of degrees different to the verified report or return to normality and the face-to-face REACU Assembly in November 2021.
- May 28, 2021. AAC-DEVA meets with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the collaboration with the Organisation of Ibero-American States (OEI) and the Ibero-American Network for Quality Assurance in Higher Education (RIACES): Review of the proposal on the general agreement provided by Madri+d and ANECA aiming at providing an agreement, the project for Royal Decree on the Organisation of Higher Education and the procedure for its quality assurance, the opening of public information on the Ministry for Universities website, the deadline to submit allegations and the actions to be implemented by REACU.
- Mayo 31, 2021. AAC-DEVA meets with all the Spanish quality assurance agencies, associated in REACU in order to analyse issues such as the preparatory meeting with the Ministerial RD on the organisation of Higher Education, the review and design of proposals on the Project about the Royal Decree on the Organisation of Higher Education and the procedure for its quality assurance.
- June 8, 2021. AAC-DEVA meets with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the provisions on the RD and the review of the proposal by REACU about the Articles from 28 to 35 included in the Royal Decree on the Organisation of Higher Education.
- June 23, 2021. Meeting with ANECA.



- September 13, 2021. DEVA-AAC meets with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the contributions APLOSU, each agency's analysis on the quality assurance aspects included in the draft bill of Organic Law on the University System, agree a work method to design a document including the proposals provided by all the agencies and the election of the negotiation committee to attend the meeting with the General Secretary for Universities on October 4.
- September 21, 2021. AAC-DEVA meets with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the contributions APLOSU and each agency reflection about the quality assurance aspects provided in the draft bill on the Organic Law on Higher Education and the report addressed to the Ministry.
- September 27, 2021. DEVA-AAC meets with all the Spanish quality assurance agencies, associated in REACU, in order to analyse issues such as the contributions on APLOSU, to provide proposals and draft the report including the reflections proposed by each agency about the draft bill on the Law for the University System.
- October, 18, 2021. DEVA-AAC meets with all the Spanish quality assurance agencies associated in REACU, in order to analyse issues such as the contributions on RD822/2021 and Hybrid Education, the development of REACU's proposals on RD 822/2021, REACU's guidelines for the interpretation of Resolution April 6, 2021, "Recommendations with regard to the standards and guidelines for evaluation of verification, modification, follow-up and accreditation renewal of university official Bachelor and Master degrees offered in virtual and hybrid learning modalities", the analysis of RD640/2021, article 14, with regard to the changes related to RD 420/2015 and provide information on REACU sessions organised in November, 2021.
- October, 28, 2021. AAC-DEVA attends a meeting with all the Spanish quality assurance agencies associated in REACU to analyse issues such as the contributions on RD 822/2021 and Hybrid Education, the REACU proposals closing on RD 822/2021 and their submission to the Ministry. Valuation of technical staff's consultations in a meeting held on May, 11, and the list on additional information added in the document: REACU Guidelines on the interpretation concerning the Resolution of April, 6, 2021, "Recommendations related to the standards and guidelines for evaluation of verification, modification, follow-up and accreditation renewal of university official Bachelor and Master degrees offered in virtual and hybrid learning modalities" , the analysis of the REACU proposals on RD640/2021, article 14, with regard to the changes related to RD 420/2015 and provide information on REACU sessions held in November, 2021.
- November, 12, 2021, Meeting on Tenerife Sessions.
- November, 26, 2021. AAC-DEVA attends a meeting with all the Spanish quality assurance agencies associated in REACU to analyse issues such as the Protocol for IQAS certification, the draft on the Resolution issued by the UGS providing the guidelines on the procedure for institutional accreditation at public universities centres and updating the REACU protocol on institutional accreditation renewal. Review of the proposal for the inclusion of the verification report on the current telematic application provided by the Ministry for Universities. Valuation of staff for the verification report. Review of the proposal concerning the denomination of the learning modalities included in the document "Recommendations with regard to the standards and guidelines for evaluation of verification, modification, follow-up and accreditation renewal of university official Bachelor and Master degrees offered in virtual or hybrid learning modalities". Review of the proposals sent to the Ministry including comments provided by the quality assurance agencies on Royal Decree 822/2021, September, 28, on the organisation of University Education and the procedure for its quality assurance.
- November, 29, 2021. AAC-DEVA attends a meeting with all the Spanish quality assurance agencies associated in REACU to analyse issues such as the review of the document "Recommendations with regard to the standards and guidelines for the evaluation of verification, modification, follow-up, and accreditation renewal of university official Bachelor and Master degrees offered in virtual or hybrid learning modalities" for its subsequent submission to the Ministry. Valuation of the collected comments submitted to the Ministry and provided by the quality assurance agencies on the Royal Decree 822/2021, September, 28, on the organisation of university education and the procedure for its quality assurance.



- December, 16, 2021. AAC-DEVA attends a meeting with all the Spanish quality assurance agencies associated in REACU to analyse issues such as the Protocol for Verification. Valuation of the work schedule proposed by ANECA as REACU coordinating agency in 2022, the review and debate on the protocol proposed by ANECA, in order to jointly establish the evaluation protocols on quality assurance in accordance with the normative providing with common competencies to the agencies.

### 1.3 Meetings and sessions with other institutions and stakeholders

The different meetings participated by AAC-DEVA in 2021 with regards to quality assurance in education and research are included below:

#### Andalusian Universities

- January, 18, 2021. AAC-DEVA held a meeting with the new Rector of the University Pablo de Olavide.
- January, 25, 2021. AAC-DEVA held a meeting with the Students´ Delegates from all the Andalusian Universities to debate on telematic examination modes and how the measures adopted in response to the COVID-19 pandemic affected the degrees accreditation and validity.
- January, 26, 2021. AAC-DEVA participated in the Online Workshop – Development of a roadmap for a European initiative for Graduates follow-up.
- January 13 and February 10, 2021. AAC-DEVA continues the meetings with the Tourism Working Group composed of graduates, degree representatives at universities and employers in the sector, to debate on employability of graduates in Tourism and improve the educational offer of the degrees in Tourism.
- March 11, 2021. Participation in PostGraduate Diploma in University Policy and Management at CRUE.
- April 26, 2021. AAC-DEVA attends a meeting with the Andalusian Universities to analyse issues such as the REACU proposals on the changes proposed in the national regulatory framework in Higher Education, quality assurance in the context of learning adaptation to the COVID pandemic and the progress of evaluation programmes in current academic year (Verification, Modification, Accreditation Renewal, Follow-up and Implanta).
- July, 16, 2021. AAC-DEVA attends a meeting with the Andalusian Universities to analyse issues such as the presentation of the updated guide for certification of quality assurance systems implemented at the centres of the Andalusian Universities (Programme IMPLANTA-SGCC), presentation of the updated guides for the follow-up of Bachelor, Master and Doctorate degrees and the schedule for DEVA evaluations in the academic year 2021-22.
- September 28, 2021. AAC-DEVA participates in the session ‘Round-Table on human resources management at Universities’ at UNIA, aiming to reflect on the alternatives to follow on scientific evaluation.
- November 4, 2021. AAC-DEVA attends a meeting with all the Andalusian Universities to analyse issues such as the new agency ACCUA, the development of programmes for the evaluation of Higher Education following the new Royal Decrees and the new call on the evaluation and follow-up of IMPLANTA programme.
- December 13, 2021. AAC-DEVA continues the meetings with the Nursing Working Group composed of graduates, degrees representatives at universities and employers in this sector, to debate on the employability of Nursing graduates and improve the educational offer of Nursing Degrees.



#### Ministry for Universities

- Meeting between the Spanish Quality Assurance Agencies and the Ministry for Universities (June, 20).
- Meeting between the Spanish Quality Assurance Agencies and the Ministry for Universities (October,4).

#### Andalusian Regional Government

- Meeting ‘Welcome STAGE 1 consultations Public Administration Advisory Group for EIDIA 2021-2027’ called by the EIDIA-AAC technical office (February, 11).

### 1.4 Thematic Seminars organised

Cycle of Online Webinars on Professional Jobs. Organised in collaboration with AQU-Catalunya, ACSUCyL, ACPUA, ACCUE and UNIBASQ: <http://deva.aac.es/?id=ciclo-seminarios>

- “The case of university studies in pre-school and primary education” . February 24, 2021.
- “The case of Higher Education in computing and telecommunications” . May, 12, 2021.
- “Challenges in Higher Education in Journalism and Audiovisual Communication” . June 17, 2021.

Cycle of Online Webinars organised in collaboration with the Andalusian universities: <http://deva.aac.es/jornadas/webinars/>

- “European Universities ARQUS, SEA-EU and ULYSSEUS: Andalusian successful cases” . In collaboration with the University of Cádiz. January 13, 2021.
- “Micro-Credentials: Flexible quality learning opportunities for the universities of the future ” . In collaboration with the University of Granada. March 24, 2021.
- “Use and abuse of the impact factor in scientific evaluation in Spain: Is it time to change?” . In collaboration with the Spanish National Research Council-CSIC (Andalusian delegation). July 7, 2021.



## 2 Evaluation and Accreditation in Higher -Education

### 2.1 Bachelor, Master and Doctoral Degrees at Andalusian Universities

#### 2.1.1 Verification

Royal Decree<sup>1</sup> 1393/2007 on official Higher Education establishes that verification, modification, follow-up and accreditation renewal must be conducted by the Autonomous QA Agencies which are registered in EQAR.

Royal Decree<sup>2</sup> 99/2011, January 28, on official doctoral education, provides the regulatory framework of official doctoral programmes in accordance with the guidelines in EHEA and the recommendations of the new basis included in the agenda reviewed in Lisboa, as well as the creation of the new European Research Area (ERA) and the goals set up for it in the 2007 Green Paper.

The data included below are referred to the outcomes of evaluations conducted taking into account the former regulatory framework. In October 2021, the new Royal Decree 822/2021, September 28, on the organisation of Higher Education and the procedure for its follow-up came into force, and therefore, Royal Decree 1393/2007 is revoked.

Throughout 2021, AAC-DEVA has reviewed the applications for verification of Bachelor, Master and Doctorate Degrees submitted by the Andalusian universities.

The applications for verification of Bachelor, Master and Doctorate Degrees reviewed by the Academic Fields Commissions for Evaluation (CER) in: Arts and Humanities, Sciences, Health Sciences, Economics and Entrepreneurial Sciences, Legal Sciences, Social and Educational Sciences, and Engineering and Architecture.

These Commissions are composed of independent evaluators, academically renowned, national or international, with professional activity outside our Autonomous Community, and an academic and/or professional background and appropriate experience to the tasks to be performed. Their functions are to review the degree proposals and draft the reports to these proposals which will be subsequently studied by the Drafting Reports Commission (CEI).

The following table shows the division between male and female evaluators who are Commission members:

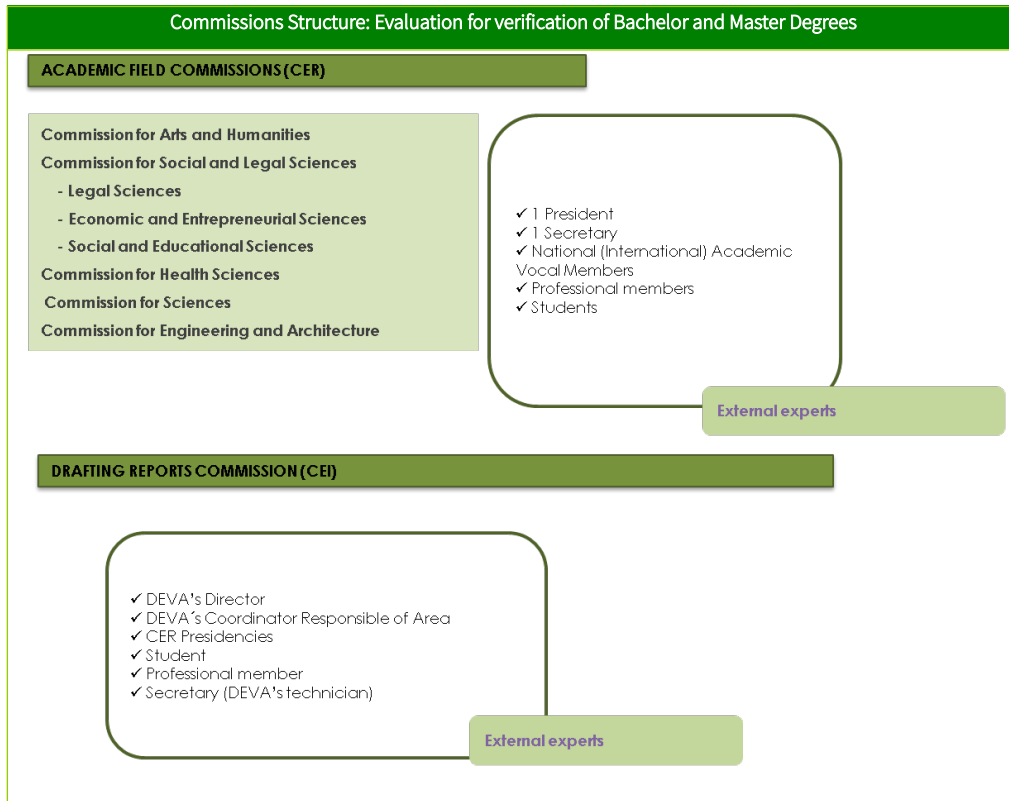
Gender	Total
Man	35 (46%)
Woman	41 (54%)
<b>Total</b>	<b>76 (100%)</b>

The following figure includes the CER and CEI structures.

<sup>1</sup> Royal Decree 1393/2007, October, 29, on the organisation of official Higher Education.

<sup>2</sup> Royal Decree 99/2011, January, 28, on official Doctorate Education.



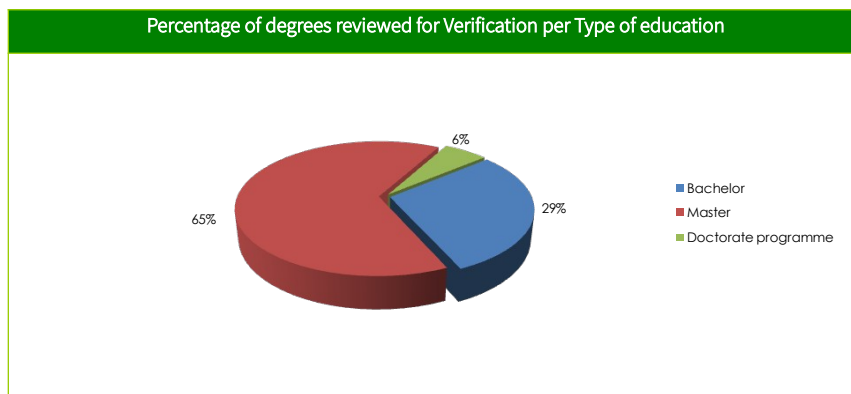


Both CER and CEI participate in the 2 stages included in the process:

- Evaluation of the degrees applications and issue a report proposal for evaluation which is submitted to the universities.
- Receipt and evaluation of allegations against provisional reports remitted by the universities and issue the final evaluation report addressed to the Council for Universities.

Following the final reports issue and the resolution for verification is received by the Ministry, the universities, if applicable in case of a negative evaluation report, are allowed to submit an appeal against this resolution. In 2021, an appeal against the verification process was received, which was reviewed by the Appeals Commission and was dismissed in a resolution issued by the Ministry.

In 2021 AAC-DEVA received a total of **17** applications for the evaluation of degrees verification: **5** Bachelor degrees (29%), **11** Master degrees (65%) and **1** Doctorate programme (6%), from which three applications for Bachelor degrees verification were desisted in the final report.





The universities which applied for a higher number of degrees verification are the University of Málaga and Loyola Andalucía, with **3** applications each one respectively, and the Universities of Almería, Granada, Sevilla and International University of Andalusia, with **2** applications each one of them respectively, followed by the Universities of Cádiz, Córdoba and Huelva, with the application for **1** Master degree each of them.

Nº of applications for degree verification reviewed				
University	Bachelor	Master	Doctorate	Total
University of Almería	1	1	-	2
University of Cádiz	-	1	-	1
University of Córdoba	-	1	-	1
University of Granada	-	1	1	2
University of Huelva	-	1	-	1
University of Jaén	-	-	-	0
University of Málaga	1	2	-	3
University of Sevilla	-	2	-	2
International University of Andalusia	-	2	-	2
University Loyola Andalusia	3	-	-	3
University Pablo de Olavide	-	-	-	0
<b>TOTAL</b>	<b>5</b>	<b>11</b>	<b>1</b>	<b>17</b>

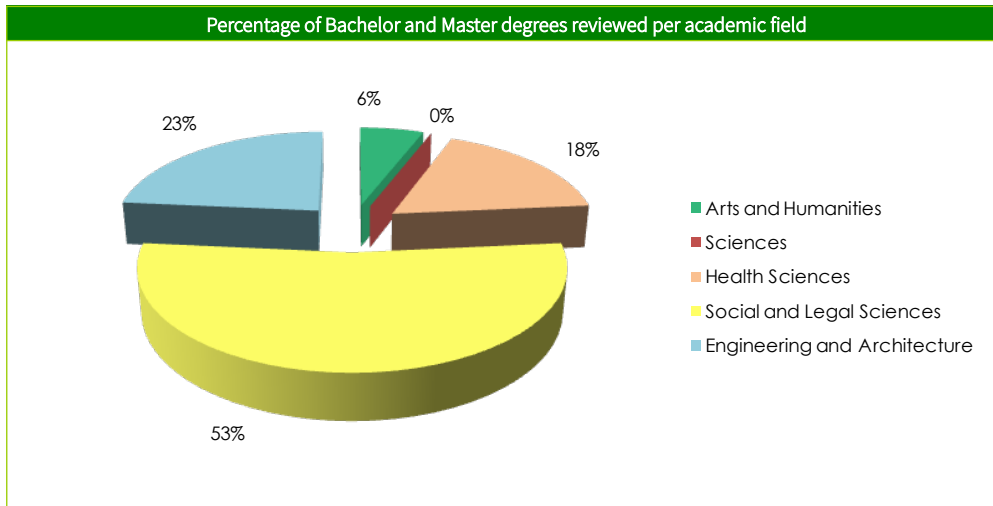
With regard to the distribution of applications for Bachelor, Master and Doctorate degrees evaluated per field of knowledge<sup>3</sup>, the highest number of applications were included in Social and Legal Sciences academic field: **9** applications, which represents a 53% from the total number of applications.

Academic Field <sup>4</sup>	Nº of reviewed applications for verification of Bachelor, Master and Doctorate Degrees
Arts and Humanities	1
Sciences	-
Health Sciences	3
Social and Legal Sciences	9
Engineering and Architecture	4
<b>Total</b>	<b>17</b>

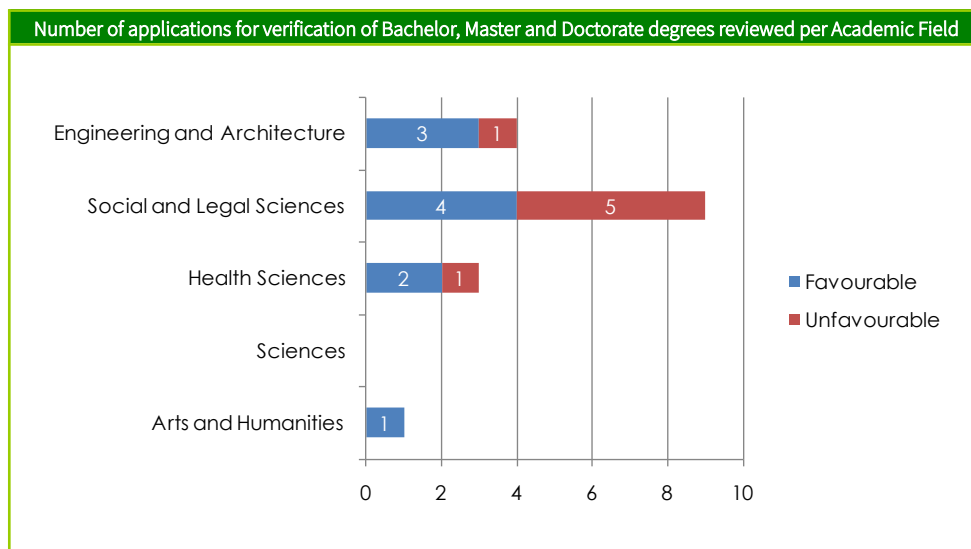
The percentage of applications for verification of Bachelor, Master and Doctorate Degrees which were reviewed per academic field:

<sup>3</sup>Although the doctorate programmes are not associated to academic fields, the programme submitted is related to the academic field Health Sciences, so that it will analysed within this academic field in this section.

<sup>4</sup>The data regarding to the 7 Academic Fields Commissions, classification used by the Andalusian Council for Universities, including the division of Social and Legal Sciences into Social and Educational Sciences, Legal Sciences and Economics and Entrepreneurial Sciences, and data are presented in 5 academic fields.



As result of the evaluations conducted in 2021, a total of **10** favourable reports on the verification of Bachelor, Master and Doctorate degrees and **7** unfavourable reports on the verification of Bachelor and Master degrees were issued. Their distribution per academic field is included in the figure below:



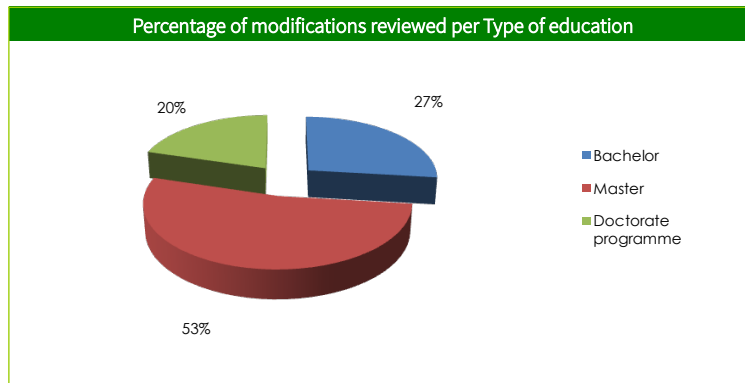
### 2.1.2 Modification

Royal Decree 1393/2007, in article 28 provides that the modifications approved by universities in their study plans and leading to the official degrees affecting the content of registral data related to the official degrees registered in the General Register of Universities, Educational Centres and Qualifications (RUCT), will be subject to review. The universities must submit a formal application for modification to the Council for Universities on the electronic site provided. The Council for Universities remits the modifications to AAC- DEVA for their review and issue the corresponding evaluation report.



The data presented below refer to the outcomes of reviews by taking into account the previous legislation. Nevertheless, in October, 2021, the new Royal Decree 822/2021, September, 28, came into force, on the organisation of Higher Education and the procedure for its quality assurance, which revoked Royal Decree 1393/2007.

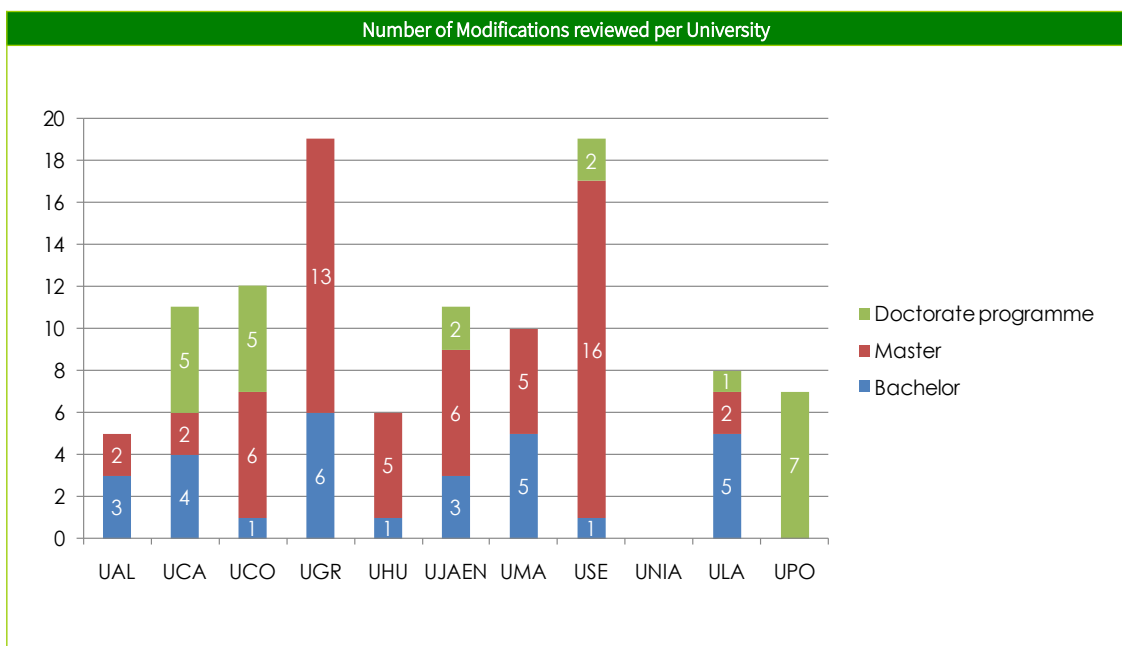
In 2021, a total of **108** applications for modification of verified degrees were reviewed: **29** Bachelor (27%) and **57** Master (53%) and **22** Doctorate degrees (20%). Throughout the process, the universities desisted a total of 3 applications for evaluation of degrees (1 Bachelor and 2 Master degrees).



With regard to universities, the University of Granada submitted the highest number of applications for modification of Bachelor degrees with a total of **6**, followed by the University of Málaga and the University Loyola Andalusia, with **5** applications respectively.

Concerning Master degrees, the University of Seville submitted the highest number of applications for modification with **16**, followed by the University of Granada, with **13** applications.

Regarding doctorate programmes, the University Pablo de Olavide submitted the highest number of applications for modification with a total of **7**, followed by the University of Cádiz and the University of Córdoba with 5 applications respectively.

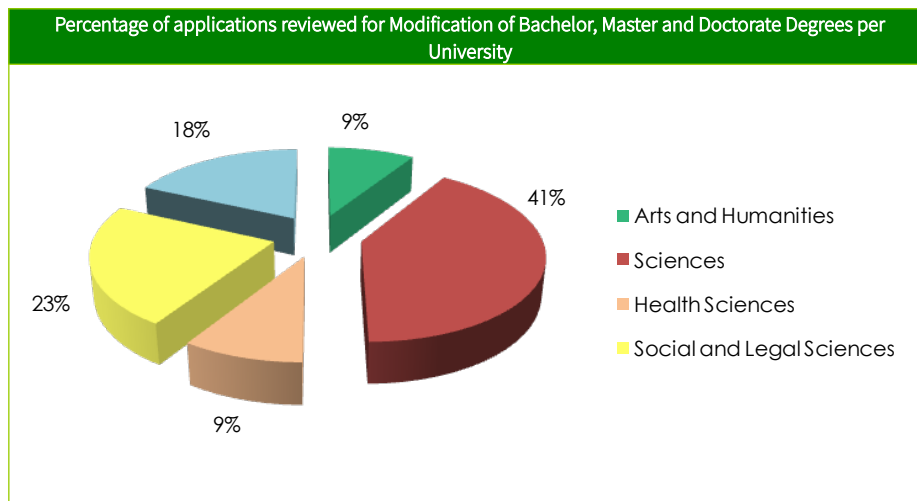




Regarding the distribution of applications for modification of Bachelor, Master and Doctorate degrees reviewed per academic field<sup>5</sup>, the highest number of applications for verified degrees modification which were submitted are included in Social and Legal Sciences, with a total of **35** applications.

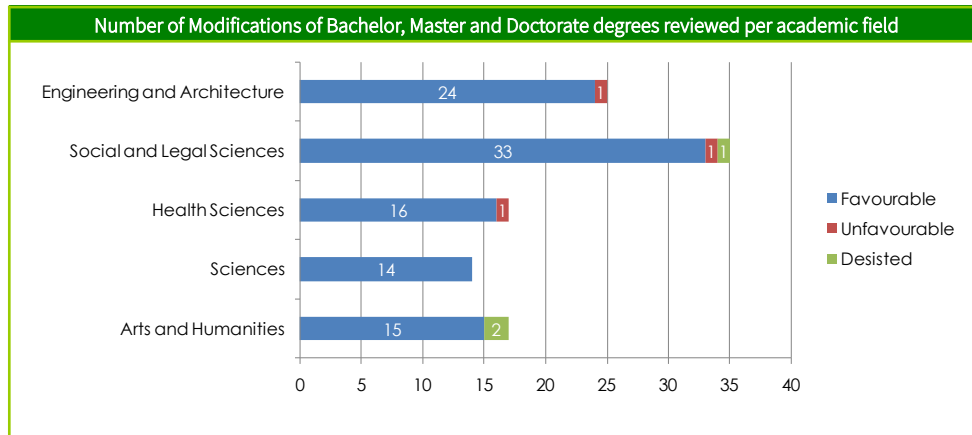
Academic Field	Nº applications reviewed for modification of Bachelor, Master and Doctorate Degrees
Arts and Humanities	17
Sciences	14
Health Sciences	17
Social and Legal Sciences	35
Engineering and Architecture	25
<b>Total</b>	<b>108</b>

The percentage of applications for modification of Bachelor, Master and Doctorate degrees reviewed per academic field is presented below:



As a result of the evaluations conducted in 2021, **102** favourable reports on the modification of Bachelor, Master and Doctorate degrees were issued, as well as **3** unfavourable reports for modification, and **3** modifications were desisted during the review process by their University. The distribution of the applications for degrees modification per academic field is included in the figure below:

<sup>5</sup>Although the Doctorate programmes are not associated to academic fields, the 22 applications for modification received were distributed with regard to the academic field related to the programme, in 2021 they are analysed in this section.



### 2.1.3 Follow-Up

AAC-DEVA, in accordance with the provisions in Royal Decree<sup>6</sup> 861/2010, and taking into account the “Protocol for the follow-up and accreditation renewal of university official degrees” , developed by the University Commission for Regulation of Follow-up and Accreditation (CURSA), continued with its programme for the follow-up of Andalusian Universities degrees.

The framework of reference for follow-up is based on 3 fundamental principles included in the development of the Standards and Guidelines for Quality Assurance in the European Higher Education Area (EHEA):

- Support students’ needs, employers and general society in the achievement of high quality education.
- Promote the fundamental essence of institutional autonomy and its subsequent responsibilities.
- Recognise that the main responsibility in quality assurance is in the university institution.

The data presented below refer to the outcomes of evaluations conducted taking into account the previous regulatory framework. Nevertheless, in October, 2021, the new Royal Decree 822/2021, September, 28, came into force, on the organisation of Higher Education and the procedure for its quality assurance, which revoked Royal Decree 1393/2007.

The degrees follow-up process has been conducted through the telematic platform designed by AAC-DEVA for that purpose. This platform combines two functions: on the one hand, facilitating and improving the processing and access to the information required to carry out the follow-up and exchange of information with universities; and on the other hand, it allows to internally manage the evaluation procedures. Among other functions, the platform is used as documental archive and storage of the required information to conduct the follow-up of Andalusian official degrees, with the exception of the verification and modification reports that are registered in the platform provided by the Ministry for Education.

In order to conduct the follow-up of official Bachelor, Master and Doctorate degrees, AAC-DEVA has evaluators with different profiles, expert in the different academic fields and integrated in Commissions.

Aiming to carry out the review of Bachelor, Master and Doctorate degrees, 7 Academic Fields Commissions were appointed: Arts and Humanities, Sciences, Health Sciences, Economics and Entrepreneurial Sciences, Legal Sciences, Social and Educational Sciences, and Engineering and Architecture.

The table below includes the division of evaluators according to gender:

<sup>6</sup>Royal Decree 861/2010, July 2, which modifies Royal Decree 1393/2007, October 29, on the organisation of official Higher Education.



Gender	Total
Man	16 (55%)
Woman	13 (45%)
<b>Total</b>	<b>29 (100%)</b>

DEVA-AAC has provided different action lines to develop this procedure:

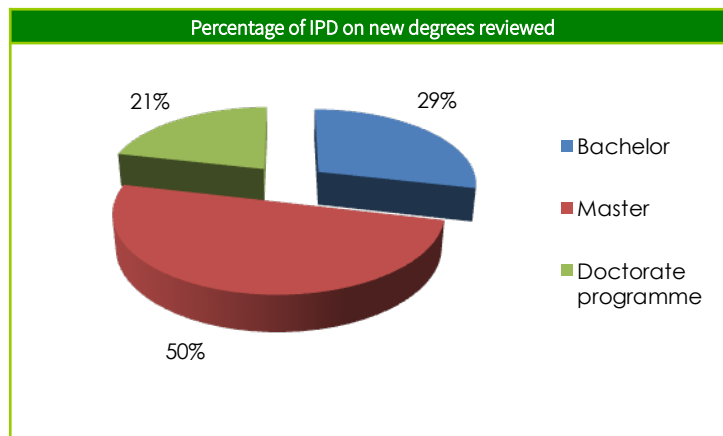
- **The analysis of Publicly Available Information (IPD) on the degrees web sites**

The Web page is analysed the first year of the degree implementation after verification. This analysis includes a double review:

- On the one hand, it is analysed whether the information attends the university community and general society's needs;
- On the other hand, the correspondence between the available information on the web page and the information submitted in the last official report on the degree is examined (verification report or the report including subsequent approved modifications).

Additionally, it is reviewed if the degree web page provides publicly available information, whether it is updated, if its structure allows an easy access to it, as well as if the information submitted coincides with the last official report.

In 2021, **14** Web sites of new degrees have been reviewed (IPD), (**4** Bachelors, **7** Masters and **3** Doctorate programmes). The percentage of IPD evaluations of new degrees reviewed is included below per type of degree:

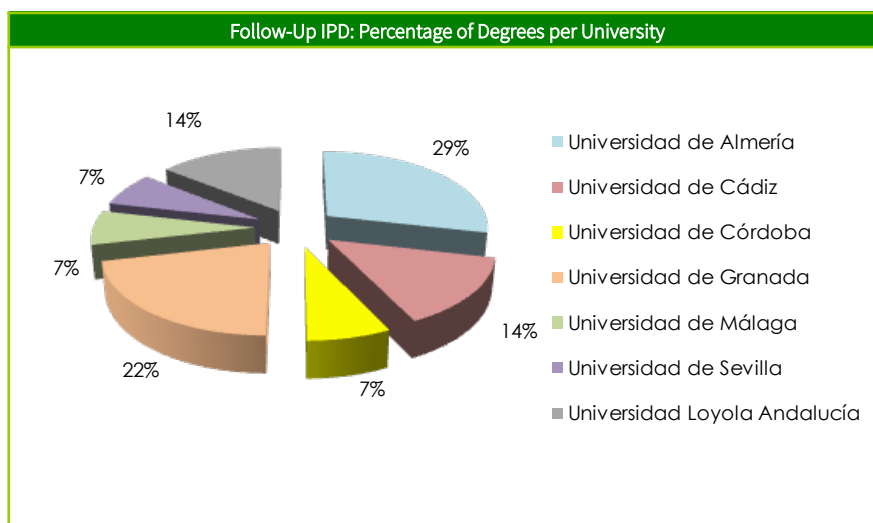


The highest number of IPD evaluations per University correspond to the University of Almería, with **4** degrees, followed by the University of Granada, with **3** degrees and the Universities of Cádiz and Loyola Andalusia, with **2** degrees each one of them respectively.



Follow-Up IPD: N° Degrees per University				
University	Degree	Master	Doctorate	Total
University of Almería	3	1	-	4
University of Cádiz	-	-	2	2
University of Córdoba	-	1	-	1
University of Granada	-	3	-	3
University of Málaga	-	-	1	1
University of Seville	-	1	-	1
University Loyola Andalusia	1	1	-	2
<b>TOTAL</b>	<b>4</b>	<b>7</b>	<b>3</b>	<b>14</b>

The percentage of IPD evaluations of new degrees reviewed per University is presented below:



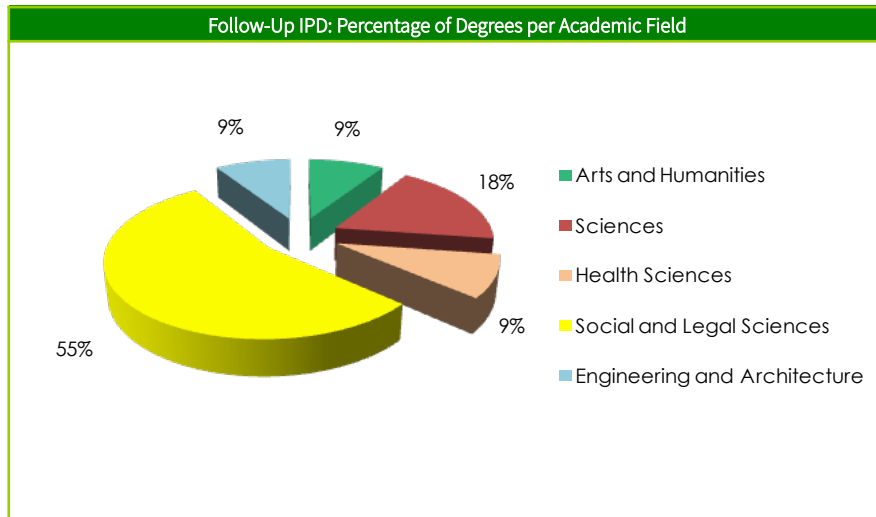
With regard to the distribution of Bachelor and Master degrees reviewed per academic field<sup>7</sup>, the highest number of degrees are included in Social and Legal Sciences with **6**, which is 55%. In the academic field Health Sciences, **2** degrees were reviewed, followed by Arts and Humanities, Health Sciences, and Engineering and Architecture with **1** degree respectively.

Academic Fields	N° evaluations
Arts and Humanities	1
Sciences	2
Health Sciences	1
Social and Legal Sciences	6
Engineering and Architecture	1
<b>Total</b>	<b>11</b>

The IPD percentage of new degrees reviewed per academic field:

<sup>7</sup> Doctorate programmes are not associated to academic fields, therefore, the graphics provided refer to Bachelor and Master degrees.





■ **Analysis of follow-up self-evaluation reports**

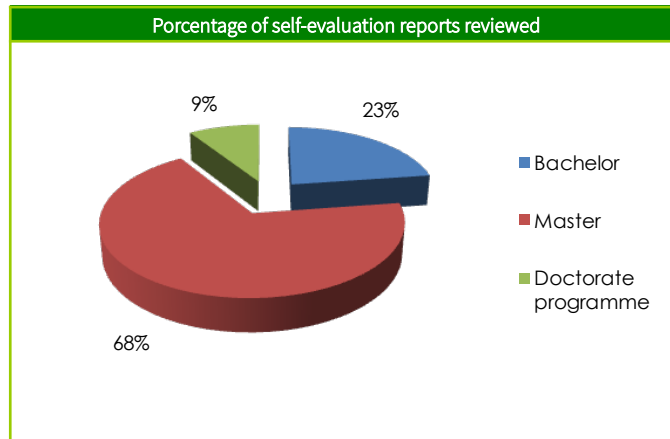
Once the degree is implemented, the university conducts the follow-up of the programmes through the self-evaluation reports.

- a. In case of Bachelor degrees with 240 ECTS credits, the second and fourth years after verification.
- b. In case of Bachelor degrees with more than 240 ECTS credits, the third and fifth years after verification.
- c. In case of Master degrees this process is carried out the second year.
- d. In case of Doctorate programmes, it is conducted the second and fourth years after verification.

The evaluators of self-evaluation reports must review that these reports include information on:

- The outcomes of the degree and their Quality Assurance Systems (IQAS).
- The outcomes of indicators, both the indicators established by CURSA and those provided in the degree IQAS.
- The actions for improvement carried out through the valuation analysis of the degree, including specific mention on how both the recommendations included in the verification report and possible modification report were addressed.

In 2021, a total of **44** self-evaluation reports were reviewed (**10** Bachelors, **30** Masters and **4** doctorate degrees). The percentage of self-evaluation reports reviewed per type of degree:

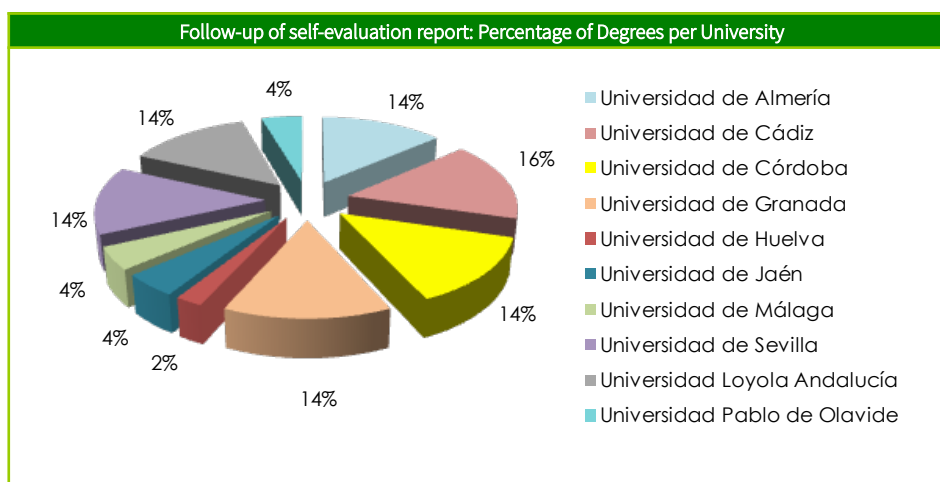


The University of Cádiz submitted the highest number of applications, with 7, followed by the University of Almería, the University of Córdoba, the University of Granada, the University of Seville and the University Loyola Andalusia with 6 degrees each respectively.

**Follow-up of self-evaluation report: N° degrees per University**

University	Bachelor	Master	Doctorate	Total
University of Almería	3	3	-	6
University of Cádiz	-	6	1	7
University of Córdoba	1	5	-	6
University of Granada	-	6	-	6
University of Huelva	-	-	1	1
University of Jaén	-	2	-	2
University of Málaga	2	-	-	2
University of Seville	1	4	1	6
University Loyola Andalusia	3	2	1	6
University Pablo de Olavide	-	2	-	2
<b>TOTAL</b>	<b>10</b>	<b>30</b>	<b>4</b>	<b>44</b>

The percentage of self-evaluation reports reviewed per University is included below:

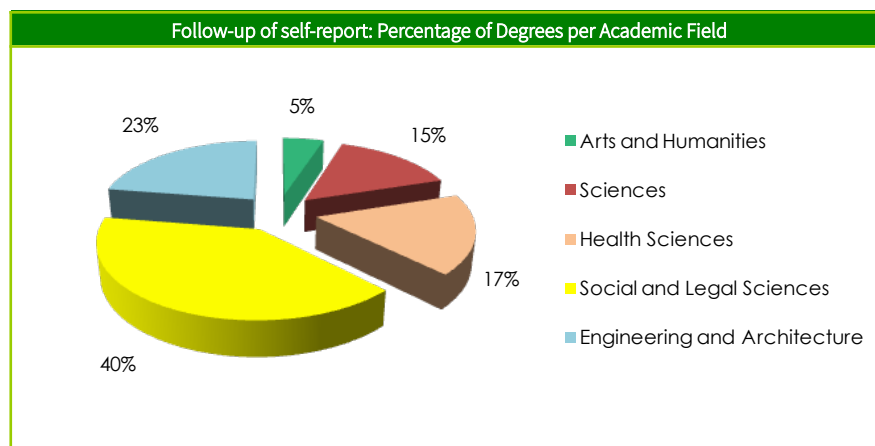




With regard to the distribution of Bachelor and Master degrees reviewed per academic field<sup>8</sup>, the highest number of applications are included in Social and Legal Sciences with **16**, which is 40% from total. Engineering and Architecture has a total of **9** degrees evaluated, followed by Health Sciences with **7** degrees, Sciences with **6** degrees and Arts and Humanities with **2** degrees.

Academic Field	N° evaluations
Arts and Humanities	2
Sciences	6
Health Sciences	7
Social and Legal Sciences	16
Engineering and Architecture	9
<b>Total</b>	<b>40</b>

The percentage of self-evaluation reports reviewed per Academic Field is presented below:



#### ■ Analysis of the degrees Plans for Improvement

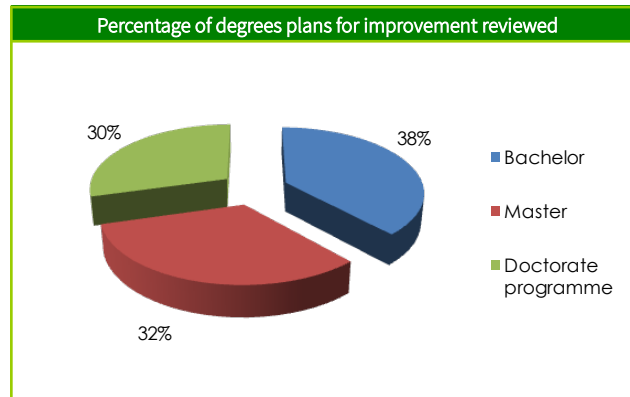
The follow-up review of the degrees delivered after accreditation renewal is carried out through the assessment of the degrees plans for improvement.

The evaluators review the plans for improvement taking into account:

- Adequacy of the actions to the recommendations on the plan for improvement of the Report on accreditation Renewal.
- Efficacy of the actions included in the plan for improvement.

In 2021, a total of **306** plans for improvement were reviewed (**117** Bachelors, **99** Masters and **90** doctorate programmes). The percentage of the plans for improvement reviewed per type of degree:

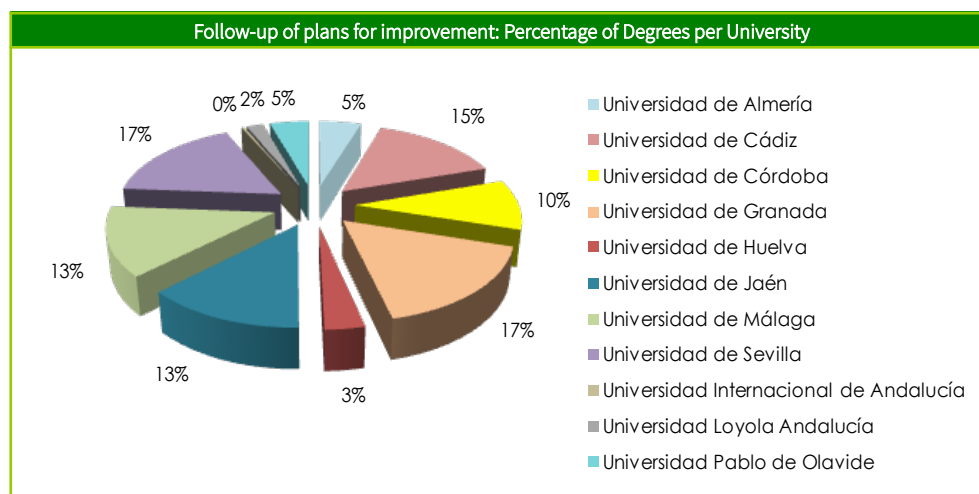
<sup>8</sup> Doctorate programmes are not associated to academic fields, therefore, the graphics provided refer to Bachelor and Master degrees.



The University of Seville submitted the highest number of evaluations of plans for improvement with **52** degrees, followed by the University of Granada with **51**, the University of Cádiz with **46**, the University of Málaga with **41** and the University of Jaén with **40** degrees.

Follow-up of plans for improvement: N° Degrees per University				
University	Bachelor	Master	Doctorate	Total
University of Almería	1	5	9	15
University of Cádiz	30	5	11	46
University of Córdoba	15	6	9	30
University of Granada	6	21	24	51
University of Huelva	5	4	1	10
University of Jaén	17	10	13	40
University of Málaga	6	19	16	41
University of Sevilla	32	20	-	52
Internacional University of Andalusia	-	1	-	1
University Loyola Andalusia	5	1	-	6
University Pablo de Olavide	-	7	7	14
<b>TOTAL</b>	<b>117</b>	<b>99</b>	<b>90</b>	<b>306</b>

The percentage of plans for improvement reviewed per University is included below:

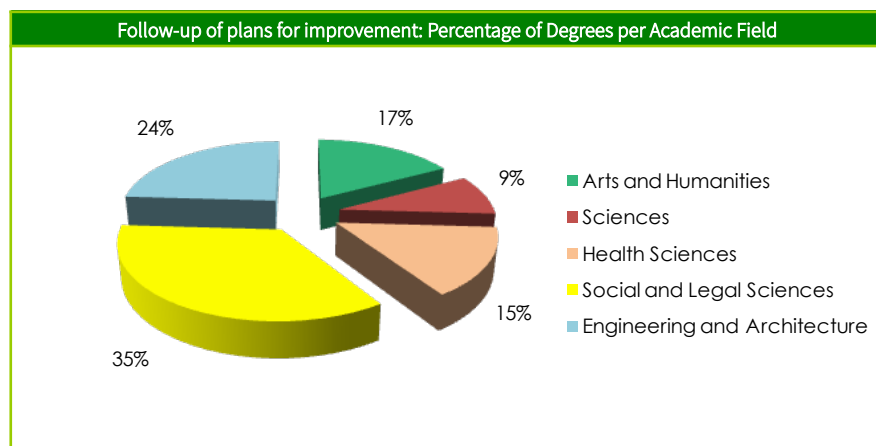




Concerning the distribution of plans for improvement of Bachelor and Master degrees<sup>9</sup> reviewed per academic field, the highest number of plans for improvement evaluated are included in Social and Legal Sciences with **76**, which is 35%; **52** plans for improvement are in Engineering and Architecture, followed by Arts and Humanities with **37**, Health Sciences with **32** and Sciences with **19** plans for improvement.

Academic Field	N° evaluations
Arts and Humanities	37
Sciences	19
Health Sciences	32
Social and Legal Sciences	76
Engineering and Architecture	52
<b>Total</b>	<b>216</b>

The percentage of plans for improvement reviewed per academic fields are included below:



#### 2.1.4 Accreditation Renewal

Royal Decree 1393/2007, October 29, on the organisation of official Higher Education determine the general regulatory framework for the procedures of verification, modification, follow-up and accreditation renewal in official Higher Education.

Royal Decree 861/2010, in article 24.2, provides that: “In the course of six years since initial verification or the last accreditation, Official Bachelor and Doctorate degrees must undergo accreditation renewal in accordance with the procedure and deadline provided by the Autonomous Communities (CCAA) with regard to universities within their competency scope. Additionally, Master degrees must undergo the above-mentioned procedure every four years<sup>10</sup>” .

According to legislation, planning for accreditation renewal should take as reference:

- Initial Accreditation: Registration in RUCT of an official degree after obtaining the authorisation for implementation and its publication in the Official State Gazette (BOE) through agreement of the Council of Ministers, which establishes its official validity (REACU definition).

<sup>9</sup>Doctorate programmes are not associated to academic fields, therefore, the graphics provided refer to Bachelor and Master degrees.

<sup>10</sup>With the exception of Master degrees regulated by Royal Decree 775/2011, June, 3, which approved the rules of Law 34/2006, October 30, on the access to the professions of lawyer and attorney, which, in accordance with the provisions in article 6, must undergo accreditation renewal every 6 years.



- Accreditation Renewal: Evaluation requested by each university, which must be conducted every 6 years, in case of Bachelor and Doctorate degrees, or every four years, for Master degrees, since the date of initial verification or last accreditation.

In order to participate in the process, the degrees must comply the following requirements:

- Provide follow-up self-evaluation reports and the global integrated synthesis report on accreditation renewal including indicators of four academic years and the degree outcomes and implementation development of the plan for improvement.
- Updated Webpage in accordance with the standards for follow-up of degrees applied by DEVA-AAC in the follow-up procedure.
- No application for modification process open.
- Updated report information on the electronic site provided by the Ministry, which will be taken as reference.

The data included below refer to the outcomes of reviews carried out taking into account previous legislation. Although in October , 2021, Royal Decree 822/2021, September 28, on the organisation of Higher Education and the procedure for its quality assurance came into force, and Royal Decree 1393/2007 was revoked.

DEVA-AAC has evaluators with different profiles integrated in the different academic fields commissions, in order to conduct the Programme for accreditation Renewal of Andalusian Bachelor, Master and Doctorate degrees.

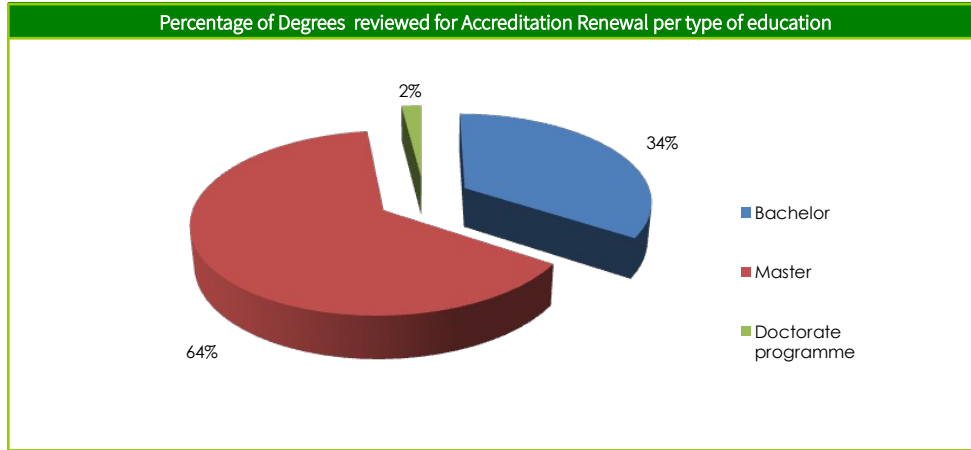
The table below includes the division of evaluators per commissions according to gender:

Gender	Total
Man	46 (57%)
Woman	35 (43%)
<b>Total</b>	<b>81 (100%)</b>

The information corresponding to the standardised call is included below:

- Resolution of the Directorate-General for Universities, September 8, 2020, providing the submission deadline and procedure of the application for Accreditation Renewal of official Bachelor, Master and Doctorate degrees in the Andalusian University System.

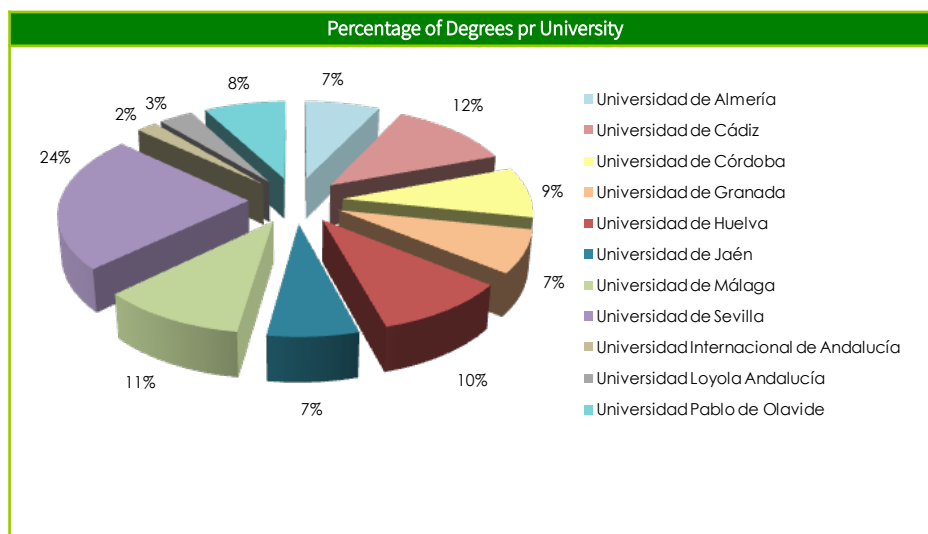
In 2020/2021 Call, the Andalusian Universities applied for the Accreditation Renewal of a total of **149** degrees: **51** Bachelors, **95** Masters and **3** Doctorate programmes.



The universities that applied for the highest number of degrees are the University of Seville with 35 degrees, followed by the University of Cádiz (18), Málaga (16), Huelva (15), Córdoba (13), Pablo de Olavide (12), Almería (11), Granada (11), Jaén (10), Loyola Andalucía (5), and the International University of Andalucía (3).

N° evaluations for Accreditation Renewal				
University	Bachelor	Master	Doctorate	Total
University of Almería	3	7	1	11
University of Cádiz	2	16	-	18
University of Córdoba	2	11	-	13
University of Granada	-	10	1	11
University of Huelva	7	7	1	15
University of Jaén	-	10	-	10
University of Málaga	12	4	-	16
University of Seville	23	12	-	35
International University of Andalucía	-	3	-	3
University Loyola Andalucía	2	3	-	5
University Pablo de Olavide	-	12	-	12
<b>TOTAL</b>	<b>51</b>	<b>95</b>	<b>3</b>	<b>149</b>

The percentage of Bachelor, Master and Doctorate Degrees is included below per University:

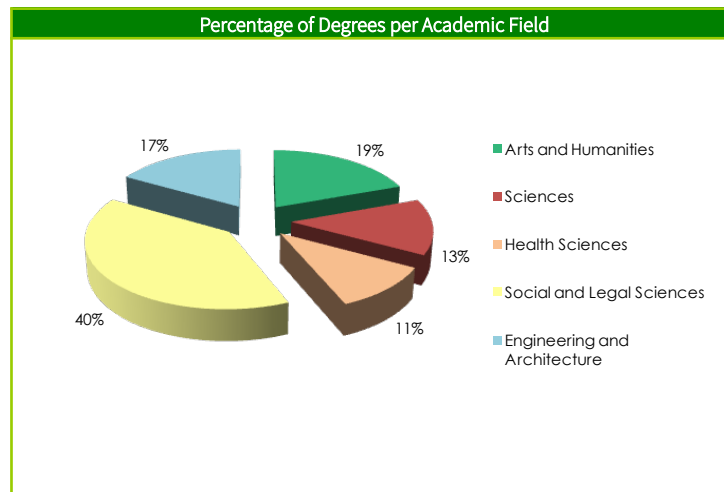




With regard to the applications for Accreditation Renewal reviewed per academic<sup>11</sup> field<sup>12</sup>, the highest number of evaluations are included in “Social and Legal Sciences” , with **59**; followed by ” Arts and Humanities” with **29** degrees, “Engineering and Architecture” with **25**, “Sciences” with **20** and “Health Sciences” with **16** degrees.

Academic Field	Nº evaluations
Arts and Humanities	29
Sciences	20
Health Sciences	16
Social and Legal Sciences	59
Engineering and Architecture	25
<b>Total</b>	<b>149</b>

The percentage of Bachelor and Master degrees reviewed per academic field is included below:



## 2.2 Evaluation of authorisation for universities and university centres

### 2.2.1 Evaluation for recognition of Private University

The evaluation for recognition of private universities is regulated in Law 6/2001, December 21, on Universities; Royal Decree 420/2015, May 29, on the creation, recognition, authorisation and accreditation of universities and university centres, as well as in the Legislative Decree 1/2013, January 8, on approval of the Modified Text of the Andalusian Law for Universities. DEVA-AAC has a procedure for the evaluation previous to the recognition of private universities, which is based on this legislation.

<sup>11</sup>Although doctorate programmes are not associated to academic fields, the 3 applications for accreditation renewal submitted were distributed according to the most appropriate academic field, in 2021 they are subject to analysis in this section.

<sup>12</sup> The data on the 7 academic fields commissions are unified, in accordance with the classification used by the Andalusian Council for Universities including the division of Social, Legal and Educational Sciences, Legal Sciences and Economics and Entrepreneurial Sciences, and the data are included in 5 academic fields.





Royal Decree 640/2021, July 27, came into force in August, 2021, on the creation, recognition and authorisation of universities and university centres, and institutional accreditation of university centres, which replaces Royal Decree 420/2015, May 29. The evaluation of the applications submitted has been conducted taking into account this Royal Decree 420/2015, provided that the applications on the creation of university centres were submitted before the new regulatory framework was published.

In 2021, two review reports on applications for recognition of private universities were issued.

For this purpose, DEVA-AAC appointed a commission composed of 4 evaluators. The table below includes the gender division of the commission evaluators:

Gender	Total
Man	2 (50%)
Woman	2 (50%)
<b>Total</b>	<b>4 (100%)</b>

The new commission appointed on December 23, was assigned a new application for evaluation of the creation of a private university. The commission was composed of academic renowned evaluators, external to the Andalusian Autonomous Community, who were selected from DEVA-AAC database taking into account the criteria of merit and capacity to exercise their functions, gender parity (two men and two women) and territorial diversity.

### 2.3 Accreditation of the procedure for certification of foreign languages proficiency at Andalusian Universities

In accordance with the Common European Framework of Reference for Languages (CEFR), the Andalusian Universities and DEVA-AAC have a “Procedure for accreditation of foreign languages proficiency at Andalusian universities” , which allows universities to structure and review the examinations on foreign languages proficiency using the same standards.

On July 2, 2011, the rectors at Andalusian Universities signed an agreement in order to provide a collaborative framework for the certification of foreign languages at Andalusian Universities languages centres.

This procedure establishes the characteristics of the proficiency examination, (contents, structure and evaluation criteria of examinations), administration and review procedure of these examinations, as well as examiners’ suitability.

In 2021, it was conducted the second follow-up of the accreditation for certification of foreign languages proficiency at the University of Jaén.

For this purpose, DEVA-AAC has appointed a commission composed of three evaluators. The table below includes the percentage of evaluators according to gender division:

Gender	Total
Man	1 (33%)
Woman	2 (67%)
<b>Total</b>	<b>3 (100%)</b>



## 2.4 Educational activities for university evaluation and accreditation

In 2021, DEVA-AAC organised several training sessions related to each one of the evaluation programmes in progress in order to train evaluators on the application of evaluation criteria and the use of telematic platforms. All these sessions were virtually attended.

- The training session for the evaluators appointed in the Commission for Certification of Quality Assurance Systems implemented in the Andalusian Universities Centres took place on February 18. Issues related to the Certification of Quality Assurance Systems implemented at Andalusian Universities Centres were analysed in this session, and all the 11 evaluators who were called, attended the session.
- On March 9-12 and 24, the Commission for the follow-up of official Bachelor, Master and Doctorate Degrees attended a virtual training session to analyse issues related to the follow-up of plan for improvement, self-evaluation and publicly available information respectively. From the 28 evaluators called, 22 attended the training session.
- The training session for the evaluators of the Commission for Certification of Quality Assurance Systems implemented at the Andalusian University Centres took place on September 29. Issues related to the Certification of Quality Assurance Systems implemented at Andalusian Universities Centres were analysed in this session, and all the 8 evaluators who had been called attended this session.
- The training session on the Programme for Accreditation Renewal of Bachelor, Master and Doctorate Degrees took place on October 28, and it was attended by 77 evaluators. Issues related to accreditation renewal of official Bachelor, Master and Doctorate degrees were analysed in this session.
- On November 2, DEVA-AAC organised a training session addressed to the members of the Commissions for Verification/Modification of Bachelor, Master and Doctorate Degrees to discuss on issues such as the evaluation for verification/modification of degrees, the use of platforms, and the guidelines to conduct the evaluations. A total of 73 evaluators attended this session.
- On November 23, DEVA-AAC organised a training session addressed to the members responsible of the presidencies and secretaries of the academic fields commissions of the programme for Verification/Modification of Bachelor, Master and Doctorate degrees, in order to analyse issues related to the specific tasks to be performed by these profiles in the different commissions, as well as the planning, work schedule and drafting of provisional and final reports. This session was attended by a total of 11 evaluators.
- The training session for evaluators of the Commission for Evaluation of Universities and Universities Centres took place on December 23 in order to analyse issues related to the creation and recognition of universities and university centres. This session was attended by the 4 evaluators selected.

## 2.5 Certification of the Quality Assurance Systems implemented

Royal Decree 420/2015, May 29, on the creation, recognition, authorisation and accreditation of universities and university centres establish a new framework that allows the transition towards a model for Institutional Accreditation. The model proposed, binds the IQAS at university centres to the process of Institutional Accreditation, constituting the certification of the IQAS implemented one of the requirements needed to obtain this accreditation, with a validity of 5 years renewable and which will improve the functioning and quality of training programmes.

This evolutionary model for accreditation programme of centres entails an increased responsibility and the development of a culture of internal quality at institutions, which will positively affect the procedures for degrees accreditation in their design stage or verification, follow-up and accreditation renewal and it will aim to guarantee the quality in education required by the needs and expectations of the student body and society.

In August 2021, Royal Decree 640/2021, July 27, came into force, on the creation, recognition and authorisation of universities and universities centres, and institutional accreditation of university centres, which replaces Royal Decree



420/2015, May 29. The evaluation of the applications submitted has been conducted taking into account this Royal Decree 420/2015, provided that the applications for certification of IQAS were submitted before the new legislation was published.

The information corresponding to the standardised call is included below :

- Resolution of March 4, 2020, issued by the Andalusian Agency of Knowledge, the Directorate for Evaluation and Accreditation, which provides the procedure for evaluation and certification of Quality Assurance System implemented at the Andalusian Universities centres.

In 2021, the reports were issued corresponding to 2 applications submitted by Centres in the Call for IMPLANTA programme on the Certification of the Systems for Quality Assurance implemented at the Andalusian universities centres.

Participating Centres			
University	Id. Centre	Centre	Type
University of Cádiz	11006620	College for Social Sciences and Communication	Own Centre
University of Granada	18009067	College for Pharmacy	Own Centre

The standardised call is currently into force:

- Resolution of November 26, 2020, by the Andalusian Agency of Knowledge, Directorate for Evaluation and Accreditation, providing the call for the procedure for evaluation and certification of the Quality Assurance Systems implemented at the Andalusian Universities centres.

This call is provided in two stages: December 2020 and July 2021. In December stage, three centres desisted their application before the call was resolved. Currently, July stage is open.

For this purpose, DEVA-AAC has appointed three evaluation commissions and a commission for certification. The following table shows the percentage of commissions' evaluators according to gender division:

Gender	Total
Man	8 (47%)
Woman	9 (53%)
<b>Total</b>	<b>17 (100%)</b>

## 2.6 Institutional Accreditation

After the implementation and development of the accreditation model which in 2007 was the Spanish adaptation to the evaluation systems in quality assurance derived from EEES, it is now required a system with an institutional dimension in the accreditation process, which is aligned with the current trend in quality assurance in the EHEA.

For that purpose, Royal Decree 1393/2007 is modified, in order to allow centres with institutional accreditation to obtain the accreditation renewal of the official degrees delivered without the need to undergo the procedure provided in this Royal Decree, modification which is developed and regulated in article 14 of Royal Decree 420/2015, May, 29, on the creation, recognition, authorisation and accreditation of universities and university centres.

As a consequence of the modification of Royal Decree 1393/2007, and the article 14 included in Royal Decree 420/2015, the Resolution of March 7, 2018, by the SGUIT, which provided the guidelines on the procedure for institutional



accreditation of centres at public and private universities. It aims to clarify and specify the aspects related to this procedure: requirements, application, report, deadline and resolutions.

In 2019, it is published DEVA-AAC´s updated Procedure for the Institutional Accreditation of centres at public and private Andalusian universities, which will allow universities to comply with the requirements established to apply for Institutional Accreditation. The requirements are: 1st, initial accreditation renewal of at least a half of the official Bachelor and Master degrees delivered, in accordance with the procedure set up in article 27 bis, in Royal Decree 1393/2007, October 29, on the organisation of official Higher Education; 2nd, the certification of the implementation of its internal quality assurance system, oriented to the ongoing improvement of the training offered to students, in accordance with the provisions in section 9, Annex I, Royal Decree 1393/2007, October 29, and the standards and guidelines in quality assurance in the EHEA.

In October, 2021, Royal Decree 822/2021, September, 28, comes into force, on the organisation of Higher Education and the procedure for its quality assurance, which revoked Royal Decree 1393/2007, and in August, 2021, comes into force Royal Decree 640/2021, July, 27, on the creation, recognition and authorisation of universities and universities centres, and institutional accreditation of university centres, which replaced to Royal Decree 420/2015, May, 29. Nevertheless, the data presented below refer to applications that have been reviewed taking into account the previous Royal Decree 1393/2007 and Royal Decree 420/2015.

In 2021, a total of **2** favourable reports for Institutional Accreditation of Andalusian Centres at the University Pablo de Olavide were issued.

## 2.7 Evaluation for University educational innovation

The sectoral commission for the innovation of Andalusian Universities, in collaboration with AAC-DEVA, launched the dynamization of a “Bank of Evaluators for Innovation” . The aim of this database for innovation is to support the procedures for evaluation of innovation carried out by the Andalusian universities. This database compiles information on possible Andalusian evaluators, so that the universities can select them in their internal calls for the evaluation of projects, awards...

The users of the “Bank of Evaluators for Innovation” are responsible of innovation at Andalusian Universities. The staff responsible of innovation at Andalusian universities access the bank of evaluators, where evaluators from other universities can be selected. The application allows the selection of evaluators per university and academic field. In case of being selected by a university, it will contact the evaluators who must follow the guidelines and the procedure established. When the evaluation is finished, the university must provide on the application the data related to the evaluations conducted.

In 2021, a total of 129 certificates were issued on the participation in the external evaluation of projects on educational innovation at Andalusian public universities.



## 3 Evaluation of teaching staff

### 3.1 Technical Committees for evaluation and external evaluators

#### 3.1.1 Accreditation of recruited teaching staff

The Technical Committees for Evaluation are provided in the procedure for evaluation<sup>13</sup> and modified by different subsequent resolutions<sup>14</sup>.

At the beginning of 2021 the committees composition is:

Members of the Technical Committees for Evaluation			
Academic Field	Members of Technical Committee	University	Function
Experimental and Life Sciences	Dr. Rosario Romera Ayllón	Univ. Carlos III de Madrid	President
	Dr. Manuel del Valle Zafra	Univ. Autónoma de Barcelona	Secretary
	Dr. María Ángeles Cid Blanco	Univ. de A Coruña	Vocal Member
Medical and Health Sciences	Dr. Francesc Vidal Marsal	Univ. Rovira I Virgili de Tarragona	President
	Dr. Jesús María Lavado García	Univ. de Extremadura	Secretary
	Dr. Nuria Fernández Monsalve	Univ. Autónoma de Madrid	Vocal Member
Engineering and Architecture	Dr. María Victoria Borrachero Rosado	Univ. Politécnica de Valencia	President
	Dr. Pedro Ángel Cuenca Castillo	Univ. de Castilla la Mancha	Secretary
	Dr. Marta Marrón Romera	Univ. de Alcalá	Vocal Member
Social Sciences 1	Dr. María Cruz Sánchez Gómez	Univ. de Salamanca	President
	Dra. Ana Sánchez Bello	Univ. de A Coruña	Secretary
	Dr. M <sup>a</sup> de los Ángeles Moreno Fernández	Univ. Rey Juan Carlos	Vocal Member
Social Sciences 2	Dra. Carmen Elboj Saso	Univ. de Zaragoza	President
	Dr. Luis-Millán González Moreno	Univ. de Valencia	Secretary
	Dr. Manuel Muñoz López	Univ. Complutense de Madrid	Vocal Member
Legal Sciences, Economics and Entrepreneurship	Dr. Laura de Pablos Escobar	Univ. Complutense de Madrid	President
	Dr. Silvína Álvarez Medina	Univ. Autónoma de Madrid	Secretary
	Dr. Esteban García Canal	Univ. de Oviedo	Vocal Member
Humanities	Dr. Julio Juan Polo Sánchez	Univ. de Cantabria	President
	Dr. Javier Ortiz García	Univ. Autónoma de Madrid	Secretary
	Dr. M. Lorena Amorós Blasco	Univ. de Salamanca	Vocal Member

In 2021, some members resigned and they were replaced. Additionally, the Committee for Legal Sciences, Economics and Entrepreneurship was divided into two different ones (one for Legal Sciences and another one for Economics and Entrepreneurship), due to the high number of applications submitted. These renewals were conducted in accordance with the Procedure for Appointment and Selection of Evaluators published on DEVA 's Website and, after renewal, a training session was organised.

Following these changes, the new composition of the committees is:

<sup>13</sup> Resolution of December 15, 2005, which provides the procedure for evaluation of contracted positions at the Andalusian University System (BOJA nº 32, December, 2005).

<sup>14</sup> Resolutions of April 3, 2006; December 14, 2006; March 19, 2007; February 1, 2008; October 1, 2009 and April 27, 2010, by AGAE, and Resolution November 6, 2014, by AAC, which provide the composition of the technical committees designed for the evaluation of contractual positions of teaching staff at the Andalusian University System.



Members of the Technical Committees for Evaluation			
Academic Field	Members of Technical Committee	University	Function
Experimental and Life Sciences	Dr. Rosario Romera Ayllón	Univ. Carlos III de Madrid	President
	Dr. Manuel del Valle Zafra	Univ. Autónoma de Barcelona	Secretary
	Dr. María Ángeles Cid Blanco	Univ. de A Coruña	Vocal Member
Medical and Health Sciences	Dr. Francesc Vidal Marsal	Univ. Rovira I Virgili de Tarragona	President
	Dr. Jesús María Lavado García	Univ. de Extremadura	Secretary
	Dr. Nuria Fernández Monsalve	Univ. Autónoma de Madrid	Vocal Member
Engineering and Architecture	Dr. María Victoria Borrachero Rosado	Univ. Politécnica de Valencia	President
	Dr. Pedro Ángel Cuenca Castillo	Univ. de Castilla la Mancha	Secretary
	Dr. Marta Marrón Romera	Univ. de Alcalá	Vocal Member
Social Sciences 1	Dr. María Cruz Sánchez Gómez	Univ. de Salamanca	President
	Dr. Ana Sánchez Bello	Univ. de A Coruña	Secretary
	Dr. Natalia Papí Gálvez	Univ. de Alicante	Vocal Member
Social Sciences 2	Dr. Carmen Elboj Saso	Univ. de Zaragoza	President
	Dr. Luis-Millán González Moreno	Univ. de Valencia	Secretary
	Dr. Victor J. Rubio Blanco	Univ. Autónoma de Madrid	Vocal Member
Legal Sciences	Dr. Paz Mercedes de la Cuesta Aguado	Univ. de Cantabria	President
	Dra. Silvina Álvarez Medina	Univ. Autónoma de Madrid	Secretary
	Dr. María Carmen Pérez González	Univ. Carlos III de Madrid	Vocal Member
Economics and Entrepreneurship Sciences	Dr. Laura de Pablos Escobar	Univ. Complutense de Madrid	President
	Dr. Esteban García Canal	Univ. de Oviedo	Secretary
	Dr. Myriam García Olalla	Univ. de Cantabria	Vocal Member
Humanities	Dr. Isabel de la Cruz Cabanillas	Univ. De Alcalá	President
	Juan Carlos Román Redondo	Univ. De Vigo	Secretary
	Jesús Ángel Sánchez García	Univ. De Santiago de Compostela	Vocal Member

### 3.1.2 Appeals Committee for accreditation

The Appeals Committee for the teaching staff programme is provided to resolve the appeals submitted against the resolutions issued by the Technical Committees for Evaluation.

In 2021, the composition of this Committee is:

PRESIDENT:

- Dr. Jesús Fuentetaja Pastor. Professor of Administrative Law.

VOCAL MEMBERS:

- Dr. Miguel Ángel Sierra Rodríguez. Professor of Organic Chemistry.
- Dr. Victoria Cachofeiro Ramos. Professor of Physiology.
- Dr. Pedro Francisco Miguel Sosa. Professor of Construction Engineering.
- Dr. Jorge Calero Martínez. Professor of Applied Economics.
- Dr. Salvador Rus Rufino. Professor of History of Thought and Social Movements.

At mid-year a member of the Committee was replaced.

The current composition of the Committee is included below:

PRESIDENT:

- Dr. Jesús Fuentetaja Pastor. Professor of Administrative Law.

VOCAL MEMBERS:

- Dr. Encarnación Rodríguez Gonzalo. Professor of Analytic Chemistry.
- Dr. Victoria Cachofeiro Ramos. Professor of Physiology.
- Dr. Pedro Francisco Miguel Sosa. Professor of Construction Engineering.



- Dr. Jorge Calero Martínez. Professor of Applied Economics.
- Dr. Salvador Rus Rufino. Professor of History of Thought and Social Movements.

## 3.2 Activities and Evaluation Outcomes

### 3.2.1 Evaluation of contract positions of teaching staff in the Andalusian University System

The Andalusian University Law (LAU), in its Title V provides, among other functions, the evaluation of teaching and research staff activity for the purpose of issuing preceptive reports on teaching staff recruitment by the Andalusian Universities.

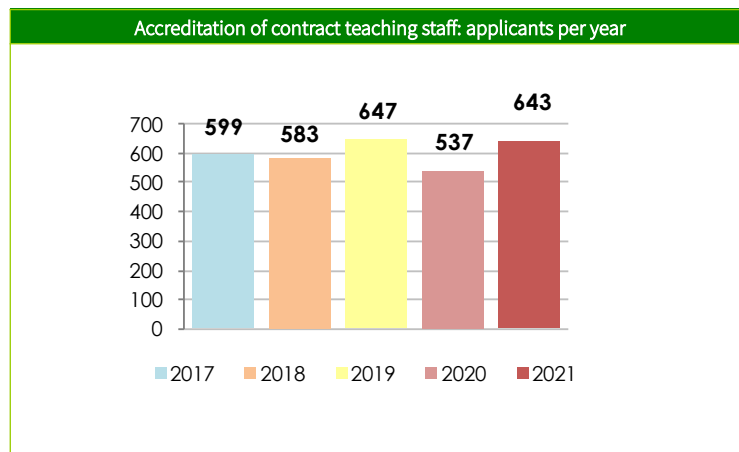
In 2021, the process for evaluation of accreditation of teaching staff continued as established in the above-mentioned Law: Lecturer, (PCD); Assistant Professor (PAD); Lecturer at Private University (PUP) and Lecturer with Clinical Research at SSPA (PCDVC).

The applications for accreditation received for PCD, PAD y PUP were grouped in 7 academic fields: Experimental and Life Sciences; Medical and Health Sciences; Engineering and Architecture; Social Sciences; Legal, Economics and Entrepreneurial Sciences, and Humanities. Additionally, all the applications for accreditation for PCDVC were assigned to Medical and Health Sciences.

The 7 commissions for evaluation were later divided into 8 commissions, which correspond to these academic fields, composed of renowned evaluators external to the Andalusian Autonomous Community.

A total of **643** applications were reviewed in 2021.

It has been observed that the number of applications has increased, and it is similar to pre-pandemic values.

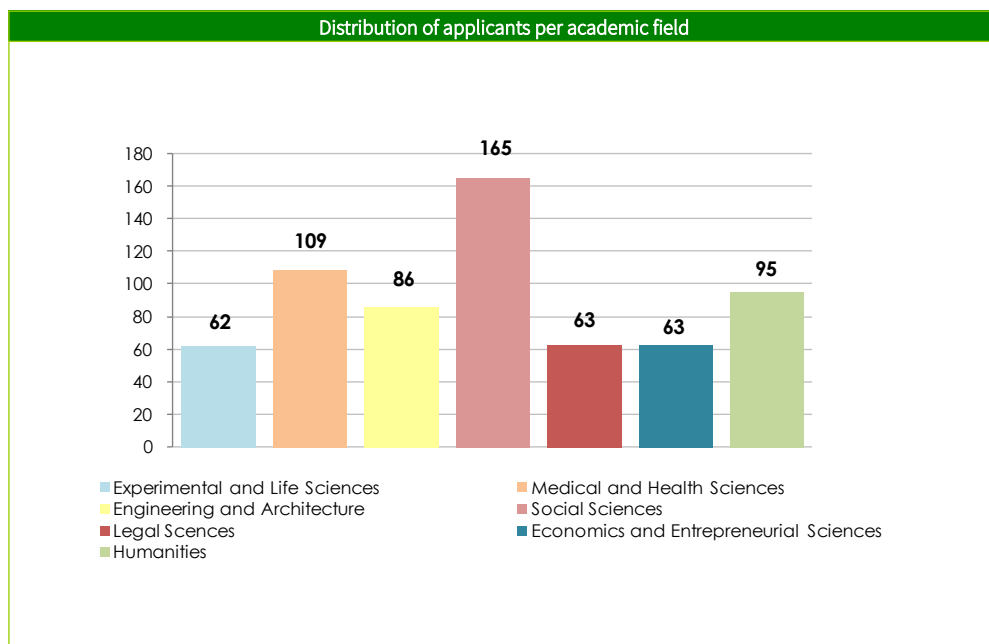


The distribution per academic fields and gender is included in the table below.



N° applications for teaching staff accreditation			
ACADEMIC FIELD	Man	Woman	Total
Experimental and Life Sciences	37	25	62
Medical and Health Sciences	49	60	109
Engineering and Architecture	68	18	86
Social Sciences	66	99	165
Legal Sciences	28	35	63
Economics and Entrepreneurial Sciences	32	31	63
Humanities	51	44	95
<b>TOTAL</b>	<b>331</b>	<b>312</b>	<b>643</b>

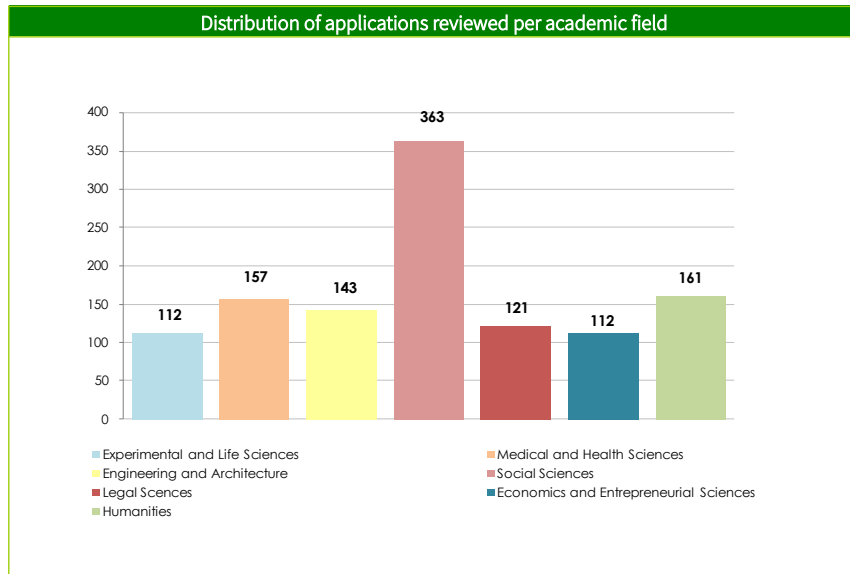
In the graphic related to the previous table, it can be observed the number of applicants in the academic fields of Experimental and Life Sciences is the lowest, whereas the values significantly higher, correspond to applicants in Social Sciences.



Taking into account that the same applicant might have applied for several contract positions, the information related to all the applications received, is included below, grouped per academic field and gender.

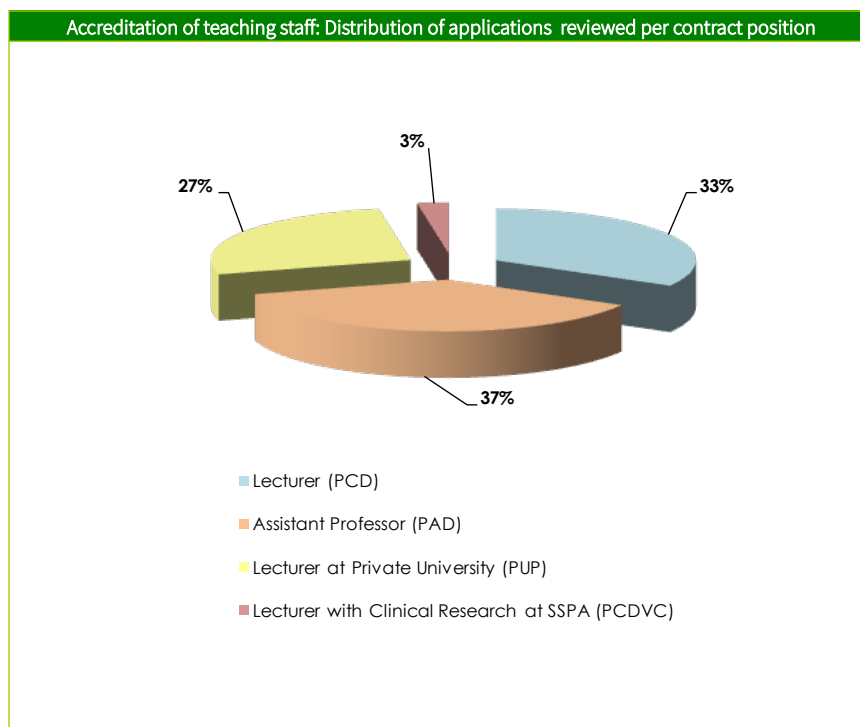
N° applications reviewed for teaching staff accreditation			
ACADEMIC FIELD	Man	Woman	Total
Experimental and Life Sciences	66	46	112
Medical and Health Sciences	69	88	157
Engineering and Architecture	116	27	143
Social Sciences	139	224	363
Legal Sciences	50	71	121
Economics and Entrepreneurial Sciences	60	52	112
Humanities	85	76	161
<b>TOTAL</b>	<b>585</b>	<b>584</b>	<b>1169</b>





The distribution of applications per contract positions is included in the table below. The contractual position mostly reviewed has been PAD, followed by the position PCD, which is a change of trend with regard to the last years, provided that the most demanded position was PCD.

N° applications reviewed per accreditation of teaching staff			
CONTRACT POSITION	Man	Woman	Total
Lecturer (PCD)	192	196	388
Assistant Professor (PAD)	222	214	436
Lecturer at Private University (PUP)	157	158	315
Lecturer with Clinical Research at SSPA (PCDVC)	14	16	30
<b>TOTAL</b>	<b>585</b>	<b>584</b>	<b>1169</b>





Applications reviewed per Call at Andalusian Public Universities								
ACADEMIC FIELD	PCD		PAD		PUP		PCDVC	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	22	13	25	21	19	12	0	0
Medical and Health Sciences	19	27	24	30	12	15	14	16
Engineering and Architecture	39	13	46	9	31	5	0	0
Social Sciences	49	75	46	78	44	71	0	0
Legal Sciences	16	25	19	24	15	22	0	0
Economics and Entrepreneurial Sciences	21	21	23	18	16	13	0	0
Humanities	26	22	39	34	20	20	0	0
<b>TOTAL</b>	<b>192</b>	<b>196</b>	<b>222</b>	<b>214</b>	<b>157</b>	<b>158</b>	<b>14</b>	<b>16</b>

The applications were evaluated by the corresponding Commission and the outcomes obtained are included in the table below:

Evaluation outcomes of teaching staff accreditation								
ACADEMIC FIELD	Applications Reviewed		POSITIVE		NEGATIVE		POSITIVE RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	66	46	37	18	29	28	56%	39%
Medical and Health Sciences	69	88	51	64	18	24	74%	73%
Engineering and Architecture	116	27	79	20	37	7	68%	74%
Social Sciences	139	224	77	113	62	111	55%	50%
Legal Sciences	50	71	30	51	20	20	60%	72%
Economics and Entrepreneurial Sciences	60	52	40	37	20	15	67%	71%
Humanities	85	76	64	56	21	20	75%	74%
<b>TOTAL</b>	<b>585</b>	<b>584</b>	<b>378</b>	<b>359</b>	<b>207</b>	<b>225</b>	<b>65%</b>	<b>61%</b>

The outcomes per academic field and contract positions are included below.

Outcomes of evaluation for accreditation- Lecturer								
ACADEMIC FIELD	Applications Reviewed		POSITIVE		NEGATIVE		POSITIVE RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	22	13	10	3	12	10	45%	23%
Medical and Health Sciences	19	27	15	20	4	7	79%	74%
Engineering and Architecture	39	13	26	9	13	4	67%	69%
Social Sciences	49	75	28	40	21	35	57%	53%
Legal Sciences	16	25	12	19	4	6	75%	76%
Economics and Entrepreneurial Sciences	21	21	16	16	5	5	76%	76%
Humanities	26	22	21	17	5	5	81%	77%
<b>TOTAL</b>	<b>192</b>	<b>196</b>	<b>128</b>	<b>124</b>	<b>64</b>	<b>72</b>	<b>67%</b>	<b>63%</b>

Outcomes of evaluation for accreditation- Assistant Professor								
ACADEMIC FIELD	Applications Reviewed		POSITIVE		NEGATIVE		POSITIVE RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	25	21	18	13	7	8	72%	62%
Medical and Health Sciences	24	30	16	22	8	8	67%	73%
Engineering and Architecture	46	9	35	8	11	1	76%	89%
Social Sciences	46	78	25	37	21	41	54%	47%
Legal Sciences	19	24	8	16	11	8	42%	67%
Economics and Entrepreneurial Sciences	23	18	13	11	10	7	57%	61%
Humanities	39	34	28	25	11	9	72%	74%
<b>TOTAL</b>	<b>222</b>	<b>214</b>	<b>143</b>	<b>132</b>	<b>79</b>	<b>82</b>	<b>64%</b>	<b>62%</b>



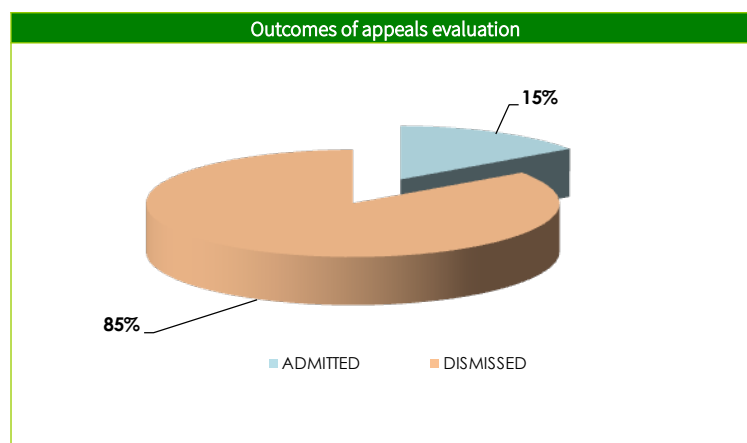
Outcomes of evaluation for accreditation- Lecturer at Private University								
ACADEMIC FIELD	Applications Reviewed		POSITIVE		NEGATIVE		POSITIVE RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	19	12	9	2	10	10	47%	17%
Medical and Health Sciences	12	15	8	12	4	3	67%	80%
Engineering and Architecture	31	5	18	3	13	2	58%	60%
Social Sciences	44	71	24	36	20	35	55%	51%
Legal Sciences	15	22	10	16	5	6	67%	73%
Economics and Entrepreneurial Sciences	16	13	11	10	5	3	69%	77%
Humanities	20	20	15	14	5	6	75%	70%
<b>TOTAL</b>	<b>157</b>	<b>158</b>	<b>95</b>	<b>93</b>	<b>62</b>	<b>65</b>	<b>61%</b>	<b>59%</b>

Outcomes of evaluation for accreditation- Lecturer with clinical research at SSPA								
ACADEMIC FIELD	Applications Reviewed		POSITIVE		NEGATIVE		POSITIVE RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Medical and Health Sciences	14	16	12	10	2	6	86%	63%
<b>TOTAL</b>	<b>14</b>	<b>16</b>	<b>12</b>	<b>10</b>	<b>2</b>	<b>6</b>	<b>86%</b>	<b>63%</b>

In 2021, the Appeals Committee met on January 13, April 14 and September 1. In these meetings, a total of 73 appeals were reviewed, corresponding to 47 appellants, whose evaluation of contractual positions had been unfavourably resolved by the Committees for Evaluation of Accreditation.

The number of appeals reviewed in the different academic fields are included in the table below:

Appeals reviewed in the different academic fields								
ACADEMIC FIELD	Total appeals		ADMITTED		DISMISSED		ADMITTED RATE (%)	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Experimental and Life Sciences	0	2	0	0	2	0	0,00%	0,00%
Medical and Health Sciences	0	4	1	0	3	0	25,00%	0,00%
Engineering and Architecture	12	3	2	0	10	3	16,67%	0,00%
Social Sciences	13	16	2	5	11	11	15,38%	31,25%
Legal Sciences	1	3	0	0	1	3	0,00%	0,00%
Economics and Entrepreneurial Sciences	3	1	1	0	2	1	33,33%	0,00%
Humanities	6	8	0	0	6	8	0,00%	0,00%
<b>TOTAL</b>	<b>35</b>	<b>37</b>	<b>5</b>	<b>6</b>	<b>30</b>	<b>31</b>	<b>14,29%</b>	<b>16,22%</b>





### 3.2.2 Evaluation for Professor Emeritus at Andalusian Universities

Within the current legal framework<sup>15</sup>, the AAC is responsible of the evaluation of the activities developed by the teaching staff who applies for recruitment or renewal as professor emeritus .

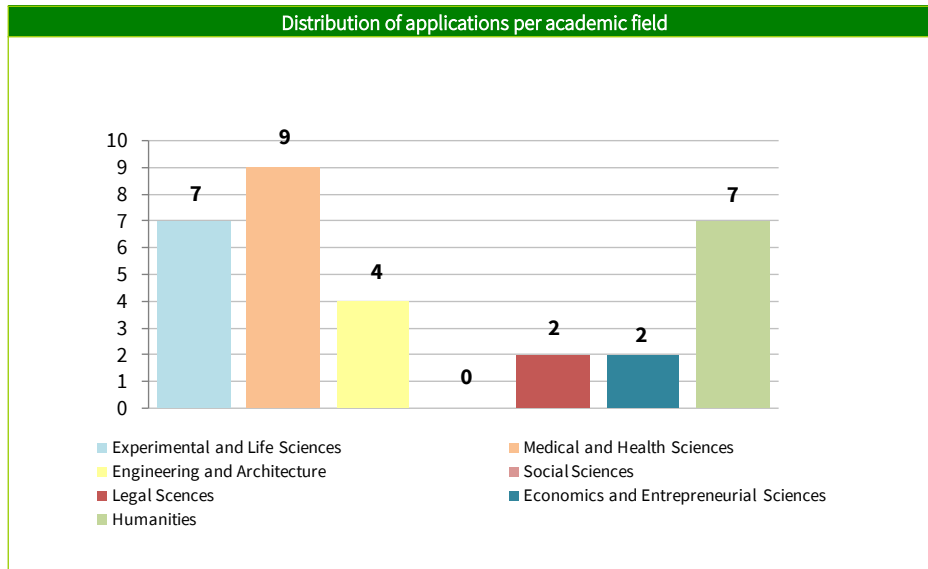
The Resolution of November 3, 2021, issued by the Andalusian Agency of Knowledge provides that the procedure for evaluation previous to the appointment of professor emeritus at Andalusian Universities. According to this procedure, the application deadline will be February of the current year, therefore, from November onwards, new applications are not received.

Before this resolution was published, the procedure provided by the AAC for evaluation of professor emeritus started when the university submitted the application and the proposed professor´s Currículum Vitae (CV). In 2021 a total of CVs **31** were reviewed. The evaluation process was carried out by the same evaluation commissions for the Accreditation Programme of contract teaching staff.

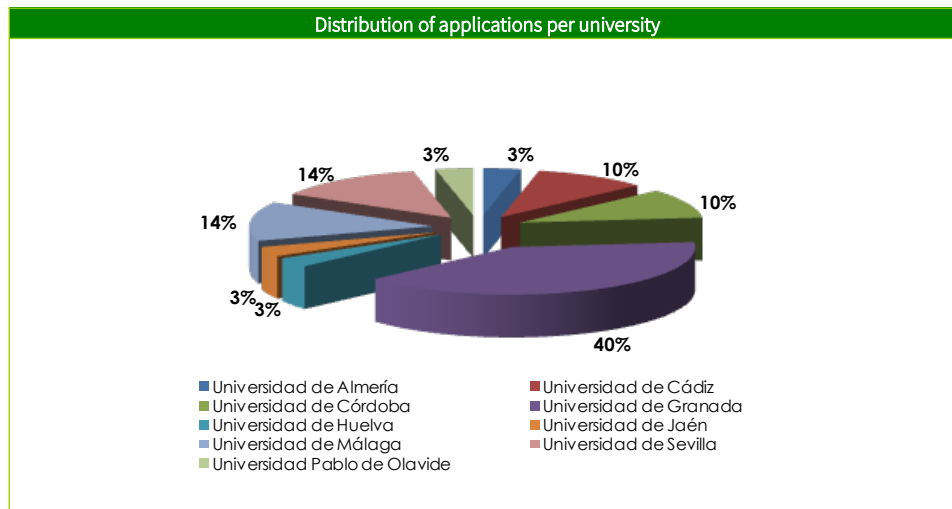
The distribution per academic fields is included below.

Nº applications reviewed - <i>Professor Emeritus</i>				
ACADEMIC FIELD	Applications Reviewed		Favourable Reviews	
	Man	Woman	Man	Woman
Experimental and Life Sciences	6	1	6	1
Medical and Health Sciences	8	1	8	1
Engineering and Architecture	4	0	4	0
Social Sciences	0	0	--	--
Legal Sciences	1	1	1	1
Economics and Entrepreneurial Sciences	2	0	2	0
Humanities	7	0	7	0
<b>TOTAL</b>	<b>28</b>	<b>3</b>	<b>28</b>	<b>3</b>

<sup>15</sup> Law 12/2011, December 16, which modifies the Andalusian Universities Law (LAU).



A total of 31 applications were submitted to apply for the position of professor emeritus, the distribution per universities was: **1** from the University of Almería, **3** from the University of Cádiz, **3** from the University of Córdoba, **12** from the University of Granada, **1** from the University of Huelva, **1** from the University of Jaén, **4** from the University of Málaga, **4** from the University of Sevilla and 2 from the University Pablo Olavide. The percentage distribution is included below.



### 3.3 Programme to support the evaluation of teaching activity of university teaching staff (DOCENTIA)

Within the collaboration agreement between AAC-DEVA and ANECA, for the implementation of DOCENTIA programme, "Programme to support the Evaluation of the Educational Activity of University Teaching Staff", which aims to provide a framework of reference to support the development of a procedure that allows to address the evaluation of teaching activity developed at universities, AAC-DEVA, continues the development of its tasks on the provision of counselling and evaluation to Universities.



In May 2021, it was published the update of the programme documentation in accordance with the new Standards and Guidelines in Quality Assurance in 2015. This review has been jointly conducted by all the Agencies involved in the programme.

Currently, the programme is arising again at some universities which have applied for verification of its design and other continue their implementation process, so that they have to present the outcomes obtained in the corresponding follow-up process. In 2021, the University of Málaga received the positive report on the Design to launch the procedure for educational evaluation at University and it was resolved the second follow-up report for the implementation of the procedure for evaluation of educational activity at the universities of Córdoba and Jaén, which must continue the implementation process.



## 4 Research Evaluation

### 4.1 Scientific-technical thematic commissions

DEVA has reviewed the applications submitted in the scope of the following actions:

- (A) Programme for Grants, Andalusian Plan for Research, Development and Innovation (PAIDI 2020)<sup>16</sup>.
- (B) University Research Institutes<sup>17</sup>.
- (C) Industrial Research Projects, Experimental Development and Innovation in Business at Andalusia. IDEA.
- (D) Grants to the functioning of operational groups of AEI, Regional Ministry for Agriculture, Fishing and Rural Development.

The R+D+I area underwent a transition period in 2021: Dr. Juan José Toledo Aral, Professor at the University of Seville and Associated Researcher at the University Hospital Virgen del Rocío, was coordinator of the Area of Evaluation and Research, Development and Innovation until the beginning of May, when Dr. Eduardo Rodríguez Bejarano, Professor at the University of Málaga, was appointed new technical collaborator to coordinate the Area of Research Evaluation, Development and Innovation, and Dr. Alberto Marinas Aramendía, Professor at the University of Córdoba, was appointed technical collaborator to jointly coordinate the same area. Therefore, they started to work in order to cover the **9** Scientific-Technical Areas of the Andalusian Plan for Research, Development and Innovation (PAIDI): “Agri-Food” (AGR), “Biology and Biotechnology” (BIO), “Sciences and Health Technology” (CTS), “Physics, Chemistry and Maths” (FQM), “Humanities” (HUM), “Natural Resources, Energy and Environment” (RNM), “Social and Legal Sciences and Economics” (SEJ), “Technology for Production and Construction” (TEP), and Information and Communication Technology” (TIC).

For the sake of a higher accuracy in evaluations, DEVA constitutes several specific commissions addressed to review the different R+D+I Calls, corresponding to Research Projects, Human Resources, Activities for Technology Transfer and a multidisciplinary commission for the Register of Agents and University Institutes.

#### 4.1.1 Scientific-technical thematic Commissions for R+D+I Projects Calls

For the creation of the scientific-technical Commission for R+D+I Projects, the **9** PAIDI areas are subdivided to complete the **24** scientific-technical thematic subareas.

Therefore, the area “**AGR**” is divided into two subareas, “Agri-food” (AGC) and “Food Science and Technology” (ALI); “**BIO**” is “Fundamental Biology and Biotechnology” (BFB); “**CTS**” is divided into four subareas, Neurosciences and Nervous System Diseases” (NEU), “Physiopathology” (FTP), “Infection, immunity and related diseases” (IIE) and “Diagnostic and therapeutics tools and public health” (DTS); “**FQM**” is divided in three subareas, “Physics” (FIS), “Maths” (MAT) and “Chemical science and technology” (QUI); “**HUM**” is subdivided into four areas, “Educational sciences” (EDU), “Psychology” (PSI), “Philosophy, philology, literature and art” (FLA) and “History” (HIS); “**RNM**” is divided into two subareas, “Ecology and biodiversity” (ECB) and “Earth sciences, natural resources and environmental technology” (TNA); “**SEJ**” which is subdivided into three areas,

<sup>16</sup> Order of April 7, 2017, on the approval of the regulation on the R+D+I grants programme, in regime of competitive concurrence, in the framework of the Andalusian Plan for Research, Development and Innovation (PAIDI 2020).

<sup>17</sup> Agreement of December, 20, 2005, of the Andalusian Council for Universities, BOJA June 13, 2006 and Legislative Decree 1/2013, January 8.



“Economy” (ECE), “Law” (DER) and “Social sciences” (SOC); “TEP” is divided into two subareas, “Industrial Production and Engineering” (PII) and “Science and Technology of materials” (CTM); and finally, “TIC” is divided into two subareas, “Communication technology” (TEC) and “Information technology” (TEI).

The **24** Presidents of the new scientific-technical thematic commissions of R+D+I Projects were selected after submitting an expression of interest in 2020 in a national Call, excluding the Universities and Andalusian Research Centres.

The Presidents selected from the **133** applications received are mentioned below:

- Dr. María Isabel Díaz Rodríguez. Polytechnic University of Madrid. Area of Agriculture.
- Dr. Isidra Recio Sánchez. Research Institute for Food Sciences (CSIC). Area of Food Science and Technology.
- Dr. María Molina Martín. University Complutense of Madrid. Area of Fundamental Biology and Biotechnology.
- Dr. Rogelio González Sarmiento. University of Salamanca. Area of Physiopathology.
- Dr. Lisardo Boscá Gomar. Biomedical Research Institute Alberto Sols (CSIC). Area of Infection, Immunity and related Diseases.
- Dr. José Luis Labandeira García. University of Santiago de Compostela. Area of Neurosciences and Nervous System Diseases.
- Dr. Blanca Juana Lumbreras Lacarra. University Miguel Hernández. Area of Diagnostic and Therapeutics Tools, and Public Health.
- Dr. María Elena Fernández Gutiérrez. University Rovira i Virgili. Area of Sciences and Chemical Technology.
- Dr. María Dolores Rodríguez Frías. University de Alcalá. Area of Physics.
- Dr. Carlos Pérez Moreno. University of País Vasco. Area of Maths.
- Dr. Olaia Fontal Merillas. University of Valladolid. Area of Educational Sciences.
- Dr. Fernando Galván Reula. University of Alcalá. Area of Philosophy, Philology, Literature and Art.
- Dr. Juan Antonio Quirós Castillo. University of País Vasco. Area of History.
- Dra. Rosa María Baños Rivera. University of Valencia. Area of Psychology.
- Dr. Luis Gimeno Presa. University of Vigo. Area of Earth Sciences, Natural Resources and Environmental Technology.
- Dr. Emilio Manuel Fernández Suárez. University of Vigo. Area of Ecology and Biodiversity.
- Dr. Andreu Casero Ripollés. University Jaume I. Area of Social Sciences.
- Dr. María Teresa Álvarez Moreno. University Complutense of Madrid. Area of Law.
- Dr. María Dolores Gadea Rivas. University of Zaragoza. Area of Economics.
- Dr. José Manuel García Aznar. University of Zaragoza. Area of Sciences and Technology of Materials.
- Dr. Domingo Santana Santana. University Carlos III of Madrid. Area of Energy and Transport.
- Dr. María Del Mar Alemany Díaz. Polytechnic University of València. Area of Industrial Production and Engineering.
- Dr. José Antonio Rodríguez Manfredi. Centre for Astrobiology (INTA-CSIC). Area of Communication Technology.
- Dr. Nieves Rodríguez Brisaboa. University of A Coruña. Area of Information Technology.

Each of the **24** scientific-technical commissions consists of a President and collaborators (research staff with extensive scientific expertise in the field of the commission concerned).





The Presidents' mission is to provide knowledge and advise in the area to be managed, as well as to channel all type of evaluations related to research. This group constitutes a team of experts which supports DEVA in decision making with regard to all the evaluation processes, in the selection and proposal of Collaborators, in the provision of valuations and synthesis of specific applications, and in any other activity requiring expert opinion in the area involved.

The collaborators proposed by the Presidents are independent experts appointed as technical collaborators and evaluators for this purpose, in accordance with the Statutes of the Andalusian Agency of Knowledge, article 16.

The evaluators are denominated remote experts and they are selected taking into consideration the Standards and Guidelines for Quality Assurance in the European Higher Education Area provided by the European Association for Quality Assurance in Higher Education (ENQA) and the Principles for the Selection of Experts established by the European Consortium for Accreditation (ECA).

DEVA has a bank of expert evaluators, which is permanently open, and the candidates can upload their CVs on the Web page. All the remote experts on incentives of the andalusian system belong to entities external to Andalusia and their experience and knowledge are taken into account in the selection.

The distribution of the **24** Commissions for scientific-technical thematic areas is:

Commissions for scientific-technical thematic areas	
PAIDI AREAS	COMMISSIONS
AGR	AGC-ALI
BIO	BFB
CTS	IIE-NEU-DTS-FPT
FQM	FIS – QUI – MAT
HUM	EDU-FLA-HIS-PSI
RNM	TNA-ECB
SEJ	SOC-DER-ECE
TEP	CTM-ENT-PII
TIC	TEC-TEI

In 2021, a total of **1.440** evaluators participated in Calls for R+D+I Projects offered by the Regional Ministry, including Presidents, collaborators and remote experts, who conducted **13.123** evaluations, considering the remote experts' reports, collaborators' reports and final reports.

#### 4.1.2 Scientific-technical thematic Commissions for Calls on Human Resources

In order to constitute the Scientific-Technical Commission for Human Resources, the 9 PAIDI areas are maintained, and in accordance with the provisions in the Procedure for Selection and Appointment of Evaluators approved by the Technical Committee for Evaluation and Accreditation, on June 30, 2020, in accordance with the document "Programmes for Evaluation: Procedures and Functions", section 11.1, the possible candidates to Presidents of each area, are analysed.

The Presidents of the scientific-technical commissions for Human Resources are included below:

- Dr. Manuel Becana Ausejo. Experimental Station of Aula Dei. Area of Agri-Food.
- Dr. Vicente Pallas Benet. Spanish National Research Council. Area of Biology and Biotechnology.
- Dr. Juan Antonio Rosado Dioniso. University of Extremadura. Area of Health Sciences and Technology.
- Dr. M<sup>a</sup> Encarnación Lorenzo Abad. University Autónoma de Madrid. Area of Physics, Chemistry and Maths.
- Dr. Sebastián Celestino Pérez. Spanish National Research Council. Area of Humanities.



- Dr. Emilio Ortega Casamayor. Spanish National Research Council. Area of Natural Resources, Energy and Environment.
- Dr. Oscar González Benito. University of Salamanca. Area of Social and Legal Sciences, and Economics.
- Dr. Xavier Gabarrell Durany. University Autònoma de Barcelona. Area of Production and Construction Technology.
- Dr. Manuel Francisco González Penedo. University of A Coruña. Area of Information and Communication Technology.

As in the scientific-technical commissions of R+D+I Projects, each one of the **9** scientific-technical thematic Commissions is integrated by a President and Collaborators (research staff with extensive scientific experience in the academic field involved), who are proposed by the president and appointed for this purpose as technical collaborators and evaluators, in accordance with the statutes of the Andalusian Agency of Knowledge, article 16.

The Presidents' mission is to provide their knowledge in the area in order to conduct, advise and channel all the evaluations related to the academic field concerned. This group of experts supports DEVA in decision making with regard to all the evaluation procedures, in the search and proposal of evaluators, and, if applicable, on the synthesis and valuations of specific application, and in any other activity that might require an expert opinion in an area of action.

In 2021, a total of **252** evaluators participated in the Human Resources Calls at the Regional Ministry, including Presidents and collaborators. They conducted **4.630** evaluations, considering individual and final reports.

### 4.1.3 Scientific-technical thematic Commissions for Calls on Transfer Activities

In order to constitute the Scientific-Technical Commission for Transfer Activities, the 9 PAIDI areas are maintained, and in accordance with the provisions in the Procedure for Selection and Appointment of Evaluators approved by the Technical Committee for Evaluation and Accreditation, on June 30, 2020, in accordance with the document "Programmes for Evaluation: Procedures and Functions", section 11.1, the possible candidates to Presidents of each area, are analysed.

The Presidents of the scientific-technical commissions for Transfer Activities are:

- Dr. Alejandro Cifuentes Gallego. Spanish National Research Council. Area of Agri-Food.
- Dr. Alejandro Beceiro Casas. University of A Coruña. Area of Sciences and Health Technology.
- Dr. Eduardo García-Verdugo Cepeda. University Jaume I. Area of Physics, Chemistry and Maths.
- Dr. Jesús Nicasio García Sánchez. University of León. Area of Humanities.
- Dr. Manuel Poch Espallargas. University of Gerona. Area of Human Resources, Energy and Environment.
- Dr. Ana Isabel Rodríguez Escudero. University of Valladolid. Area of Social and Legal Sciences, and Economics.
- Dr. María José San José Álvarez. University of País Vasco. Area of Production and Construction Technology.
- Dr. Juan Manuel Corchado Rodríguez. University of Salamanca. Area of Information and Communication Technology.

As in the scientific-technical commissions for R+D+I Projects and Human Resources, each one of the **9** scientific-technical thematic Commissions is integrated by a President and Collaborators (research staff with extensive scientific experience in the academic field involved), who are proposed by the President and appointed for this purpose as technical collaborators and evaluators, in accordance with the statutes of the Andalusian Agency of Knowledge, article 16.



The Presidents' mission is to provide their knowledge in the area in order to conduct, advise and channel all the evaluations related to the academic field concerned. This group of experts supports DEVA in decision making with regard to all the evaluation procedures, in the search and proposal of Collaborators, and, if applicable, on the synthesis and valuations of specific applications, and in any other activity that might require an expert opinion in an area of action.

The evaluators denominated remote experts, are selected taking into account the Standards and Guidelines for Quality Assurance in the European Higher Education Area provided by the European Association for Quality Assurance in Higher Education (ENQA), and the Principles for Selection of Experts established by the European Consortium for Accreditation (ECA).

In 2021, a total of 56 evaluators participated in calls for Transfer Activities of the Regional Ministry, a total of 56 evaluators, including Presidents, collaborators and remote experts. They carried out 311 evaluations, considering individual and final reports

#### 4.1.4 Scientific-technical thematic Commissions of Calls for Register of Agents and University Institutes

In accordance with the provisions in the Procedure for Selection and Appointment of Evaluators approved by the Technical Committee for Evaluation and Accreditation on June 30, 2020, the candidates to the Presidency of this multidisciplinary commission for the Register of Agents and University Institutes are analysed.

In order to constitute this commission, the **9** PAIDI areas are maintained, and when the President is selected, the possible candidates for Collaborators of each area are analysed. This commission consists of **1** President and 23 collaborators who belong to each one of the PAIDI areas.

The Presidents' mission is to provide their knowledge in the area to conduct, advise and channel all type of evaluations related to the research field concerned.

In 2021, a total of 37 evaluators participated in the review of Registers of University Agents and Institutes, including Presidents, collaborators and remote experts, and 188 evaluations were conducted, and individual and final reports were issued.

## 4.2 Grants Programme Andalusian Plan for Research, Development and Innovation (PAIDI 2020)

### 4.2.1 R+D+I Projects. Universities and Public Entities.

In the first quarter of 2021, DEVA started the evaluation of **1.367** applications for grants to R+D+I projects, in regime of competitive concurrence, addressed to universities and public research entities which are agents of the Andalusian Knowledge System, in the framework of the Andalusian Plan for Research, Development and Innovation (PAIDI 2020), in accordance with the Resolution of June 16, 2020.

The applications were distributed among the 24 commissions for scientific-technical areas and it was carried out in two stages.

In the first stage, it is only reviewed the "Currículum Vitae" of the principal investigators and the research team, by conducting a peer-review carried out by the Collaborators of each commission.

Then, each of the scientific-technical commission organise a meeting in order to discuss on the standards, draft and issue the final evaluation reports in stage 1.

From a total of **1.367** applications, **870** surpassed the cut-off mark in stage 1 and they were distributed among the following scientific-technical areas:



Scientific-Technical Areas	N° Applications stage 1	N° Applications stage 2
Food Science and Technology	44	33
Agriculture	74	43
Fundamental Biology and Biotechnology	131	79
Physiopathology	49	24
Infection, immunity and associated diseases	38	34
Diagnostic therapeutics tools, and public health	105	68
Neurosciences and nervous system diseases	43	22
Maths	40	25
Sciences and chemical technology	62	40
Physics	37	25
Psychology	55	40
Educational sciences	46	33
History	44	31
Philosophy, philology, literature and art	59	37
Health sciences, natural resources and environmental technology	92	58
Ecology and biodiversity	48	39
Economics	62	42
Social Sciences	59	47
Law	41	23
Sciences and technology of materials	61	28
Industrial Production and engineering	60	38
Energy and transport	34	14
Communication technology	17	9
Information technology	66	38
<b>Total</b>	<b>1.367</b>	<b>870</b>

In stage 2, the proposals on quality and scientific excellence are reviewed, as well as their international impact.

The President, supported by her/his Collaborators, proposes remote experts, whose research profile is highly adjusted to the nature of the scientific proposal, peer-reviewed by each project, together with the Collaborators who had acted in stage 1.

Following the highly specialised evaluation carried out by the remote experts, together with the evaluations conducted by the commission collaborators, the Commission meets and drafts the final reports and the prioritised list of applications.

Finally, the projects lists are prioritised according to the assessment outcomes and they are remitted to the General Direction for Research and Knowledge Transfer, the funding recommended by DEVA for each application and **1.367** final reports signed by the Director.

In the second half of the year, the General Direction for Research and Knowledge Transfer remits us **187** allegations submitted against evaluation reports in this call, which are resolved by the Presidents with support of their scientific-technical commissions.

The distribution of allegations per scientific-technical areas is:



Scientific-Technical Areas	Nº Allegations
Food science and technology	2
Agriculture	13
Fundamental Biology and biotechnology	14
Physiopathology	7
Infection, immunity and related diseases	4
Diagnostic and therapeutic tools, and public health	11
Neurosciences and nervous system tools	4
Maths	9
Chemical sciences and technology	12
Physics	3
Psychology	4
Educational sciences	5
History	10
Philosophy, Philology, literature and art	7
Earth sciences, natural resources and environmental technology	19
Ecology and biodiversity	2
Economy	7
Social Sciences	9
Law	11
Sciences and technology of materials	11
Industrial Production and engineering	5
Energy and transport	5
Communication technology	4
Information technology	9
<b>Total</b>	<b>187</b>

Following the phase of allegations, the General Direction for Research and Knowledge Transfer remitted us **58** applications in which some team members were excluded so that DEVA could issue a report indicating if it affected the final report previously issued. The Presidents, after submitting a query to their commission members, remit us the reports signed by DEVA's Director and remitted to the General Direction for Research and Knowledge Transfer.

At the end of the year, DEVA received **2** appeals against evaluation reports which were resolved by the President of the scientific-technical commission corresponding to each application.

On the other hand, DEVA issued **8** reports on the change of Principal Investigators in projects which had been awarded in 2019 Call.

#### 4.2.2 Projects within the Operational Programme FEDER ANDALUCÍA. Public Universities.

The Regional Ministry for Economic Transformation, Industry, Knowledge and Universities, by Resolution of the General Secretary for Universities, Research and Technology (SGUIT), provides a common framework for the procedure for grants to Projects of the Operational Programme FEDER ANDALUCÍA 2014-2020 by the Universities. Within this common framework, in 2019 **2.131** applications are reviewed, corresponding to **9** Andalusian public universities which developed their own Call and submitted the applications for evaluation to DEVA. Additionally, in 2021 a total of **1.235** applications corresponding to **8** Andalusian public universities are reviewed.

The applications were distributed among the 23 thematic areas established by DEVA (Communication and Information Technologies are unified in an area denominated Technologies for Information and Communications").



The President distributes the applications corresponding to her/his area among the Collaborators and these applications are peer-reviewed. Following the analysis of individual reports each scientific-technical commission holds a meeting to discuss about the criteria, to draft and issue the final evaluation reports.

DEVA remits the final reports to the General Direction for Research, and Knowledge Transfer, distributed per University so that they are afterwards remitted to them.

The Universities, afterwards, submitted **149** allegations and they were resolved by the Presidents supported by scientific-technical commissions for evaluation.

The distribution of applications and allegations per Institution is:

Institutions	Nº Projects	Nº Allegations
University of Almería	68	2
University of Córdoba	131	41
University of Granada	349	37
University of Huelva	61	7
University of Jaén	81	---
University of Málaga	160	---
University of Seville	314	39
University Pablo de Olavide	71	23
<b>Total</b>	<b>1.235</b>	<b>149</b>

On the other hand, DEVA issued 2 follow-up reports corresponding to the University of Almería and 14 reports for team modification applied by the University of Cádiz

### 4.2.3 Projects Operational Programme FEDER ANDALUCÍA. Private entities.

In 2020, DEVA reviewed **33** applications for grants to R+D+I projects, in regime of competitive concurrence, addressed to private entities as Agents of the Andalusian Knowledge System, in the framework of the Andalusian Plan for Research, Development and Innovation (PAIDI 2020).

In 2021, **2** changes of PIs were resolved corresponding to Projects in the Call 2020, as well as **6** reports on applications for change of Principal Investigators, corresponding to Call 2018.

### 4.2.4 Research Projects on SARS-COV-2 and COVID-19 disease.

In 2019, DEVA conducts an urgent review of research projects on SARS-COV-2 and the disease COVID-19, co-funded with FEDER Funds. A total of **164** applications were reviewed.

In 2021, **2** applications for team modification are resolved, as well as **3** applications for change of PI and **6** follow-up reports on projects which had been developed.

### 4.2.5 Projects of Collaborative Interest at Centres of International Excellence

The Resolution of July 6 2020 by the General Secretary for Universities, Research and Technology, provides a Call for grants to projects of collaborative interest in the scope of Ecosystems for Innovation at Centres of International Excellence and in the Strategic framework which promotes the development of specific projects on transfer actions on International Excellence Campus in the Areas of Strategy for Research and Innovation for Smart specialisation in



Andalusia (RIS3 Andalusia) within the actions co-funded by the Operational Programme FEDER in Andalusia for 2014-2020.

DEVA conducted the evaluation of the 8 PAIDI areas (no application was submitted in 'Biology and Biotechnology').

The President distributes the applications among the commissions' members, and if applicable, if she/he assigns the evaluation to a remote expert.

The President reviews the reports issued and meets with the Commission to discuss and unify criteria. Reports are reviewed and/or modified if the Commission agrees and then, final reports are approved.

Final reports were remitted to the General Secretary for Universities, Research and Technology. Afterwards, **8** allegations were resolved by the Presidents with support of the commission members.

The distribution of applications and allegations per PAIDI areas is:

PAIDI Area	Nº Projects	Nº Allegations
Agri-Food	20	1
Health Sciences and Technology	6	1
Physics, Chemistry and Maths	3	1
Humanities	10	---
Natural Resources, Energy and Environment	11	1
Social and Legal Sciences, and Economics	3	---
Production and Construction Technologies	12	1
Information and Communication Technology	24	3
<b>Total</b>	<b>89</b>	<b>8</b>

#### 4.2.6 Scientific Activity of Research Groups and Technological Development

The General Direction for Research and Knowledge Transfer, requests DEVA the specific evaluation of research groups which apply for registration in the Register of Agents in the Andalusian Knowledge System. This type of evaluation is a call which is open all year round.

For this evaluation, the 9 PAIDI areas are maintained, with participation of the multidisciplinary scientific-technical commission which had been appointed for the evaluation of these specific applications of groups and the applications for the creation, modification and suppression of research institutes.

The President is responsible of distributing the applications among the commission members and peer-review is carried out. If applicable, and exceptionally, evaluation is assigned to a remote expert.

Following the reports analysis, the President meets with the commission and the final reports are approved and remitted to the General Direction for Research and Knowledge Transfer.

In 2021, DEVA conducted the evaluation of **55** applications from Research Groups (Order of September 3, 2007, Decree 254/2009, May 26, Order of December 18, 2009 and Order of March 15, 2010).

The distribution of applications and allegations per PAIDI areas is:



PAIDI Area	Nº Applications	Nº Allegations
Agri-Food	2	---
Biology and Biotechnology	2	---
Health Sciences and Technology	13	1
Physics, Chemistry and Maths	2	---
Humanities	13	---
Natural Resources, Energy and Environment	4	---
Social and Legal Sciences and Economics	10	---
Production and Construction Technologies	8	---
Information and Communication Technologies	1	---
<b>Total</b>	<b>55</b>	<b>1</b>

An application related to a change of area for Research Groups is received and **1** allegation to the scoring awarded. Both of them are reviewed by the Commission and the reports remitted to the SGUIT.

#### 4.2.7 Pre-doctoral recruitment of trainee research staff by the agents of the Andalusian Knowledge System 2021

The Resolution of May 31, 2021, provides the approval of the call for grants to pre-doctoral recruitment of trainee research staff by the agents of the Andalusian Knowledge System, in the framework of doctoral programmes at Andalusian Universities, in accordance with the provisions in the «Programme of grants for recruitment, incorporation and mobility of human resources in R+D+I», according to the Order April 7, 2017.

A total of **150** grants are offered, for 4 years maximum. The total number of applications submitted was **451**.

The President of each one of the **9** Commissions for Human Resources, is responsible for the distribution of the applications among her/his collaborators, so that the evaluation is carried out through peer-review.

The President reviews the reports issued and meets with the commission to discuss and unify the criteria. If the commission considers it is applicable, these reports are reviewed and/or modified and finally approved as final reports.

Afterwards, **83** allegations were submitted and resolved by the President with support of the scientific-technical commission.

The distribution of applications and allegations per PAIDI areas is:

PAIDI Area	Nº applications	Nº Allegations
Agri-Food	33	5
Biology and Biotechnology	75	13
Health Sciences and Technology	85	23
Physics, Chemistry and Maths	59	5
Humanities	37	3
Natural Resources, Energy and Environment	43	12
Social and Legal Sciences, and Economics	43	8
Production and Construction Technology	40	9
Information and Communication Technology	36	5
<b>Total</b>	<b>451</b>	<b>83</b>





## 4.2.8 Recruitment of doctoral research staff by the agents of the Andalusian Knowledge System 2021

On April 19, 2021, the General Secretary for Universities, Research and Technology, published the Resolution of April 9, 2021, on the approval of grants, in regime of competitive concurrence, for the recruitment of doctoral research staff by the agents of the Andalusian Knowledge System.

The aim of this Call is the recruitment of young PhD doctors for a period of three years in order to complete their postdoctoral research training at the agents of the Andalusian Knowledge System, in accordance with the provisions in the «Programme for grants for recruitment, incorporation and mobility of R+D+I human resources», of the above-mentioned Order of April 7, 2017. The recruitment of doctoral research staff by the agents of the Andalusian Knowledge System, in order to improve the skills acquired during the first stage of postdoctoral training, as well as to strengthen the research activities of the beneficiary entities.

This type of grants is awarded in two stages, the first one distributes the places assigned to each area among entities. In the second stage, the places are assigned to the different candidates.

### 4.2.8.1 Recruitment of doctoral research staff Entities (Stage 1)

In order to meet the Call objective, in the first stage the applicant entities provide a proposal for recruitment, including the number of contracts requested and distributed per scientific-technical areas.

DEVA is responsible of the evaluation, so that a multidisciplinary Commission is constituted, which consists of the President D. Emilio Ortega Casamayor (Spanish National Research Council) and his Collaborators (research staff with extensive scientific experience in the scientific field of the commission), who are proposed by the President and appointed for this purpose as technical collaborators and evaluators, according to the provisions in the Statutes of the Andalusian Agency of Knowledge, article 16.

The President distributes the applications among his Collaborators, and the evaluation is peer-reviewed.

Afterwards, the commission meets to discuss and unify criteria. Reports are reviewed and/or modified, if the commission considers it is applicable, and final reports are approved, including the number of places corresponding to each entity per scientific-technical area.

Distribution of number of contracts per entities and scientific-technical areas										
Entities	Scientific-technical Area									Contracts
	AGR	BIO	CTS	SEJ	FQM	HUM	RNM	TIC	TEC	
UNIVERSITY OF SEVILLE	1	3	2	3	2	4	2	2	3	22
UNIVERSITY OF GRANADA	1	1	3	2	2	4	5	3	2	23
UNIVERSITY OF MÁLAGA	2	2	1	2	1	3	1	2	2	16
UNIVERSITY PABLO DE OLAVIDE	0	2	1	1	1	2	0	0	0	7
UNIVERSITY OF CÁDIZ	1	0	1	1	1	1	2	0	1	8
UNIVERSITY OF JAÉN	0	0	1	1	1	1	1	1	1	7
UNIVERSITY OF ALMERÍA	2	1	0	1	1	1	0	0	1	7
UNIVERSIDAD DE CÓRDOBA	2	1	0	0	2	1	1	1	1	9
UNIVERSITY OF HUELVA	0	0	1	0	1	1	2	0	1	6
ANDALUSIAN INSTITUTE FOR ASTROPHYSICS – CSIC	0	0	0	0	3	0	0	1	0	4
ANDALUSIAN CENTRE FOR MOLECULAR BIOLOGY AND REGENERATIVE MEDICINE - CSIC	0	2	1	0	0	0	0	0	0	3
ANDALUSIAN PUBLIC FOUNDATION FOR THE MANAGEMENT OF HEALTH RESEARCH AT SEVILLE	0	1	2	0	0	0	0	0	0	3



EXPERIMENTAL STATION AT ZAIDIN – CSIC	1	1	0	0	0	0	0	0	0	2
INSTITUTE FOR SCIENCE OF MATERIALS AT SEVILLE - CSIC	0	0	0	0	1	0	0	0	1	2
INSTITUTE FOR PARASITOLOGY AND BIOMEDICINE LÓPEZ NEYRA – CSIC	0	1	1	0	0	0	0	0	0	2
INSTITUTE FOR CHEMICAL RESEARCH - CSIC	0	0	0	0	2	0	0	0	0	2
SOLAR PLATFORM OF ALMERÍA	0	0	0	0	0	0	2	0	0	2
ANDALUSIAN PUBLIC FOUNDATION PROGRESS AND HEALTH	0	1	1	0	0	0	0	0	0	2
ANDALUSIAN SCHOOL FOR PUBLIC HEALTH	0	0	2	0	0	0	0	0	0	2
FOUNDATION FOR BIOMEDICAL RESEARCH OF CÓRDOBA - FIBICO	0	0	2	0	0	0	0	0	0	2
INSTITUTE OF BIOMEDICINE OF SEVILLE (IBIS)	0	1	1	0	0	0	0	0	0	2
FOUNDATION FOR BIOSANITARY RESEARCH AT EASTERN ANDALUSIA ALEJANDRO OTERO - FIBAO	0	0	2	0	0	0	0	0	0	2
ANDALUSIAN PUBLIC FOUNDATION FOR BIOMEDICAL AND HEALTH RESEARCH IN OF MÁLAGA (FIMABIS)	0	0	1	0	0	0	0	1	0	2
INSTITUTE FOR SUATAINABLE AGRICULTURE – CSIC	1	0	0	0	0	0	0	0	0	1
ANDALUSIAN CENTRE FOR DEVELOPMENTAL BIOLOGY - CSIC	0	1	0	0	0	0	0	0	0	1
INSTITUTE FOR FATS – CSIC	1	0	0	0	0	0	0	0	0	1
INSTITUTE FOR SUBTROPICAL AND MEDITERRANEAN HORTICULTURE "LA MAYORA" – CSIC	1	0	0	0	0	0	0	0	0	1
INSTITUTE FOR VEGETABLE BIOCHEMISTRY AND PHOTOSYNTHESIS - CSIC	0	1	0	0	0	0	0	0	0	1
INSTITUTE FOR MICROELECTRONICS DE SEVILLA – CSIC	0	0	0	0	0	0	0	1	0	1
ANDALUSIAN INSTITUTE FOR EARTH SCIENCES – CSIC	0	0	0	0	0	0	1	0	0	1
INSTITUTE FOR ADVANCED SOCIAL STUDIES AT ANDALUSIA – CSIC	0	0	0	1	0	0	0	0	0	1
EXPERIMENTAL STATION FOR ARID AREAS – CSIC	0	0	0	0	0	0	1	0	0	1
ANDALUSIAN INSTITUTE OF HISTORICAL HERITAGE	0	0	0	0	1	0	0	0	0	1
INSTITUTE FOR RESEARCH AND TRAINING IN AGRICULTURE, FISHING, FOOD AND ECOLOGIC PRODUCTION IFAPA	1	0	0	0	0	0	0	0	0	1
CENTRE FOR RESEARCH AND DEVELOPMENT OF FUNCTIONAL FOOD - CIDAF	1	0	0	0	0	0	0	0	0	1
ANDALUSIAN FOUNDATION CENTRE OF EXCELLENCE IN RESEARCH AND INNOVATIVE DRUGS (FUNDACIÓN MEDINA)	0	0	1	0	0	0	0	0	0	1
SPANISH INSTITUTE FOR	0	0	0	0	0	0	0	0	0	0



OCEANOGRAPHY - CÁDIZ (IEO)										
SCHOOL OF ARABIC STUDIES – CSIC	0	0	0	0	0	0	0	0	0	0
TECHNOLOGY CENTRE OF METAL-MECHANICAL AND TRANSPORT	0	0	0	0	0	0	0	0	0	0
TECHNOLOGY CENTRE OF AQUACULTURE - CTAQUA	0	0	0	0	0	0	0	0	0	0
FOUNDATION UNIVERSITY LOYOLA ANDALUSIA	0	0	0	0	0	0	0	0	0	0
FOUNDATION FOR MANAGEMENT OF BIOMEDICAL RESEARCH OF CÁDIZ - FIBICA	0	0	0	0	0	0	0	0	0	0
FOUNDATION CITOLIVA	0	0	0	0	0	0	0	0	0	0
ANDALUSIAN FOUNDATION BETURIA FOR HEALTH RESEARCH - FABIS	0	0	0	0	0	0	0	0	0	0
FOUNDATION ANDALUSIAN INNOVATION CENTRE FOR SUSTAINABILITY IN CONSTRUCTION - CIAC	0	0	0	0	0	0	0	0	0	0
ANDALUSIAN FOUNDATION FOR AEROSPACE DEVELOPMENT - CATEC	0	0	0	0	0	0	0	0	0	0
FOUNDATION INNOVARCILLA	0	0	0	0	0	0	0	0	0	0
FOUNDATION CENTRE FOR RESEARCH AND QUALITY IN AGRIFOOD AT VALLE DE LOS PEDROCHES - CICAP	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>15</b>	<b>19</b>	<b>24</b>	<b>12</b>	<b>19</b>	<b>18</b>	<b>18</b>	<b>12</b>	<b>13</b>	<b>48</b>

Afterwards, 5 entities submitted allegations which were resolved by the President with support of the scientific-technical commission.

Once the applications are reviewed and the grants distributed among the beneficiary entities, the General Secretary for Universities, Research and Technology offered a procedure in competitive concurrence aiming to select doctoral research staff, therefore these entities formalised the corresponding contracts in stage phase 2 of the process.

#### 4.2.8.2 Selection of doctoral research staff (Stage 2)

The Resolution of the General Secretary for Universities, Research and Technology, of August 6, 2021, provided the procedure for the selection of doctoral research staff through the grants awarded to the agents of the Andalusian Knowledge System, as well as the requirements that should meet the candidates, as well as the regulatory framework in which the corresponding labour contracts must be carried out.

The applications are distributed among the Presidents of the 9 scientific-technical Commissions of Human resources who had been previously appointed, for the call on the recruitment of trainee pre-doctoral research staff by the agents of the Andalusian Knowledge System 2021.

The President distributes among her/his collaborators a total of 913 applications received and provide information about the number of available places for each entity.

The collaborators' reports are analysed by the President, and afterwards, the commission meets to discuss and unify the criteria. If the commission considers necessary, the reports are reviewed and/or modified and they are finally approved as final reports.

Afterwards, a total of 116 allegations were resolved by the Presidents with support of the respective scientific-technical commissions.

The distribution of applications and allegations per PAIDI areas is:



PAIDI Area	N° Applications	N° Allegations
Agri-Food	91	8
Biology and Biotechnology	75	11
Health Sciences and Technology	108	18
Physics, chemistry and Maths	131	14
Humanities	181	21
Natural Resources, Energy and Environment	101	9
Social and Legal Sciences, and Economics	93	16
Production and Construction Technology	84	18
Information and Communication Technology	49	1
<b>Total</b>	<b>913</b>	<b>116</b>

DEVA resolved, after consulting the Commission, **3** appeals corresponding to call 2020.

#### 4.2.9 Recruitment of research talent (EMERGIA)

In 2020, DEVA conducted the review of **478** applications for grants, addressed to the recruitment of research talent (Programme EMERGIA), in the framework of the Andalusian Plan for Research, Development and Innovation (PAIDI 2020). (Resolution of July 7, 2020, by the General Secretary for Universities).

At the beginning of the year, a total of **29** allegations to the reports remitted to the General Secretary for Universities, Research and Technology which are resolved by the President with support of her/his scientific-technical commission.

The distribution of applications reviewed in 2020 and the allegations resolved in 2021 per PAIDI area is:

PAIDI Area	N° Applications	N° Allegations
Agri-Food	50	2
Biology and Biotechnology	90	9
Health Sciences and Technology	84	6
Physics, Chemistry and Maths	73	4
Humanities	52	5
Natural Resources, Energy and Environment	71	---
Social and Legal Sciences and Economics	12	---
Production and Construction Technology	28	---
Information and Communication Technology	18	3
<b>Total</b>	<b>478</b>	<b>29</b>

#### 4.2.10 Grants for knowledge transfer activities between the Agents of the Andalusian Knowledge System and the entrepreneurial sector

In 2018, DEVA reviewed **188** applications for **Grants** for the development of knowledge transfer activities between the Agents of Andalusian Knowledge System and entrepreneurial sector provided by the Regional Ministry for Knowledge, Research and University of the Andalusian Government. (Resolution of October 5, 2017, by the General Secretary for Universities, Research and Technology).



Afterwards, in 2021 DEVA received **5** applications for change of IP, **2** applications for modification of grants and **1** application for economic redistribution which were resolved by the Commission for evaluation.

**Two** follow-up reports and **1** verification report were issued for the Directorate of European Funds.

#### 4.2.11 Grants for R+D+I infrastructures and equipments. Public entities.

By means of the Resolution of November 21, 2019 provided by the General Secretary for Universities, Research and Technology, in 2020, DEVA evaluated **305** applications for grants to R+D+I infrastructures and equipments, for acquisition of scientific material and improvement of R+D+I infrastructures, addressed to public entities, in regime of competitive concurrence, in the framework of the Andalusian Plan for Research, Development and Innovation (PAIDI 2020).

Afterwards, in 2021, **1** report related to a change of team is remitted to the General Secretary for Universities, Research and Technology.

### 4.3 University Research Institutes

The creation of University Research Institutes in Andalusia requires the evaluation by DEVA of the Reports submitted by the applicant entities. The items reviewed include the centre's objectives, quality of research groups as well as the degree of integration and coordination, economic report, plan of activities, centre's structure, etc.

The multidisciplinary commission, appointed for the evaluation of scientific activities of Research Groups, is also responsible of the review of applications for the creation, modification and suppression of research institutes.

The President distributes the applications among the commission members, and if applicable, it is possible to select remote experts taking into consideration the Standards and Guidelines for Quality Assurance in the European Higher Education Area provided by the European Association for Quality Assurance in Higher Education (ENQA) and the Principles for the Selection of Experts established by the European Consortium for Accreditation (ECA).

The individual reports are analysed by the President, who afterwards meets with the commission to approve the corresponding final reports, which will be remitted to the General Secretary for Universities, Research and Technology.

DEVA conducted the evaluation of **7** University Research Institutes.

### 4.4 Projects on Industrial Research, Experimental Development and Entrepreneurial Innovation in Andalusia.

In 2018, DEVA carried out the evaluation of **200** applications for grants to projects on industrial research and experimental development in Andalusia, corresponding to the Line for Grants «Programme to Support the entrepreneurial R+D+I, in accordance with the Order of June 5, 2017.

In 2021, IDEA Agency applied for the re-evaluation of **5** projects reviewed in 2018, therefore these applications were reviewed by the Presidents who evaluated that Call and, after consulting the commission members, the final reports are remitted to the Agency



## 4.5 Grants for the functioning of operational groups of AEI in the Regional Ministry for Agriculture, Fishing and Rural Development

The Order of July 7, 2020, published on July 14, 2020, provided the approval of the regulatory framework on subventions, in regime of competitive concurrence, addressed to the functioning of Operational Groups of the European Association for Innovation (AEI), with regard to agricultural productivity and sustainability, for pilot projects and the development of new products, practices, processes and technology in the agricultural, food and forestal sectors, in the framework of the Programme for Rural Development in Andalusia 2014-2020 (measurement 16.1, operations 16.1.2. y 16.1.3.) including the grants provided in Integrated Territorial Investment 2014-2020 in the province of Cádiz.

DEVA has been responsible of the evaluation process of the applications submitted in the call for grants for the functioning of Operational Groups of the European Association for Innovation (AEI), provided by the Regional Ministry for Agriculture, Fishing and Rural Development (CAPDER) of the Andalusian Regional Government.

These grants are subventions for the development of innovative projects in the framework of ‘Grants for the functioning of Operational Groups of AEI’ (operation 16.1.2), ‘Grants for the functioning of Operational Groups of AEI’ in the olive grove sector’ (operation 16.1.3) and ‘Grants for the functioning of Operational Groups of AEI’ , included in the «Integrated Territorial Inversion 2014-2020», in the province of Cádiz’ (16.1.2).

A Commission of Experts is constituted and chaired by Dr. Alejandro Cifuentes Gallego (former coordinator of the Area for Food) and, as Vice President, by Dr. José Luis Araus Ortega (former coordinator of the Area for Agriculture), together with 19 collaborators of the Area for Food and Agriculture.

A peer-review is carried out by the commission members. The collaborators’ reports are analysed by the President and Vice President, who jointly draft a provisional report on each application per modality, after consultation, if applicable, to the commission members. This commission virtually meets to discuss and unify criteria. If the commission considers it is appropriate, the reports are reviewed and/or modified and final reports approved.

The distribution of applications per modality is:

Modality	Nº applications
GENERAL	61
OLIVE GROVE	32
ITI CÁDIZ	12
<b>Total</b>	<b>105</b>

A total of **105** applications are reviewed, **61** of General modality, **32** per Olive Grove and **12** ITI in the province of Cádiz.

The outcome of these evaluations is remitted to the Regional Ministry for Agriculture, Fishing and Rural Development.



## 5 Institutional and International Activities

### 5.1 ENQA

#### 5.1.1 Forum

Due to the events related to the coronavirus outbreak, ENQA Members' Forum took place online and included the following activities:

- Webinar “[Online quality assurance-experiences from ENQA members](#)” (April 21). A year after the Covid-19 pandemic suffered in Europe, many quality assurance agencies have acquired a significant experience on the online implementation of their quality assurance activities. In this webinar the agencies could share the lessons learned last year.
- The General Assembly took place online on April 22, 2021. The information on this event can be found [here](#).
- Webinar “[Stakeholder involvement in external quality assurance](#)” (April 23). This webinar analysed how the quality assurance agencies can effectively involve external stakeholders in their work. It drew on the outcomes of the ESQA project (effective involvement of stakeholders in external quality assurance agencies), in which ENQA is partner. The webinar included a presentation of the ENQA study and toolkit as well as case examples from ENQA members.

#### 5.1.2 Assembly

On February 11, ENQA held an [Extraordinary General Assembly](#) in order to approve the new statutes and Rules of Procedure. Nevertheless, as expected due to the COVID-19 pandemic, approval was not possible because of lack of quorum in the meeting.

ENQA organised an extraordinary General Assembly on March 10 in Brussels. In accordance with the provisions in the current ENQA statutes (article 15d), the decisions in this meeting could be made without a quorum. The only item on the agenda was the approval of the new Statutes and Rules of Procedure. AAC-DEVA, delegated its face-to-face vote during Extraordinary General Assembly.

On April 22, 2021, ENQA General Assembly was held online. In this meeting, elections took place for Board members, President and Vice-Presidents. Additional information can be found [here](#).

#### 5.1.3 Follow-up report and ENQA progress visit

In September, AAC-DEVA developed and remitted to ENQA the follow-up report related to the renewal of membership in the European Association for Quality Assurance in Higher Education (ENQA) in 2019. On October 20, 2021, ENQA Board considered and approved the follow-up report derived from the external review of AAC-DEVA in 2019, taking into account the improvements carried out and AAC-DEVA's commitment to participate in a progress visit at the end of the year. Further information can be found [here](#).



On November 20, the experts panel for the review of membership renewal in the European Association for Quality Assurance in Higher Education (ENQA) in 2019, as a voluntary part within the process of periodic evaluation that quality assurance agencies must undergo in the European Higher Education Area. This virtual visit, has the aim to generate a dialogue oriented to AAC-DEVA's improvement of the different aspects recommended by the agency. Therefore, during the session, the panel has met with the AAC's President, the Director, the Coordinators and staff, in which their vision and suggestions for AAC-DEVA progression were provided. The evaluators pointed out in their final conclusions the outcomes obtained over the last two years and AAC-DEVA's commitment with its internal process for continuous improvement.

#### 5.1.4 Other Activities

- Participation in ENQA Webinar "[Micro-credentials and the role of external quality assurance](#)" (February 24, 2021).
- Participation in ENQA Webinar "[Outcomes of the EUniQ Pilots and Implications for the Framework for QA of European Universities](#)" (March 9, 2021)
- Participation in ENQA Webinar "[Protecting and promoting academic integrity: how quality assurance agencies can take action](#)" (March 18, 2021)
- Participation in ENQA Webinar "[Online quality assurance-experiences from ENQA members part 2](#)" (May 5, 2021)

## 5.2 EQAR

DEVA-AAC participates in DEQAR, the database for reports on external quality assurance at European level, launched by the European Register for Quality Assurance Agencies in Higher Education (EQAR), co-funded by the EU in the framework of the Erasmus+ Programme. DEQAR provides information on reports and decisions on Higher Education institutions and programmes externally reviewed against the European Standards (ESG) by an EQAR-registered agency. DEQAR was conceived as a fundamental tool for automatic recognition in the European Higher Education Area. AAC-DEVA has uploaded up to date 1.026 Verification reports, 1.289 Modification reports and 1.041 reports for accreditation Renewal of official Bachelor, Master and Doctorate Degrees, as well as 13 reports on Institutional Accreditation of university centres .

## 5.3 INQAAHE

In 2021, AAC-DEVA has maintained membership in the International Network INQAAHE, which aims at collecting and promoting information on the current development of the theory and practice of evaluation, improvement and maintenance of quality in Higher Education.

## 5.4 Collaboration Agreements and participation in international activities

AAC-DEVA continues the collaboration with the Andalusian universities coordinating European Universities alliances. The European Universities are transnational alliances which will become the universities of the future, promoting European values and identity, as well as revolutionising the quality and competitiveness of European Higher Education. In order to achieve this important goal, the European Commission has launched two calls for proposals in the framework of Erasmus + programme, in order to provide different models for cooperation. The Andalusian Universities





have successfully participated in this projects of future by coordinating three of the forty European consortia approved: ARQUS (Granada), SEA-EU (University of Cádiz) and ULYSSEUS (University of Seville). These initiatives place Andalusia in the European leadership of university innovation. In order to support quality assurance of the activities and goals proposed by these consortia, AAC-DEVA has constituted a work group with representatives of these 3 universities, which started in 2020. With regard to AAC-DEVA, in 2021 it has been carried out an adaptation of the European Approach fo its use in the Andalusian context, as well as a [Guide](#) approved by the Technical Committee for Evaluation and Accreditation. Further information on the European Universities Initiative and the calls outcomes [here](#).

Participation in Arqus [seminar on the evaluation and accreditation of joint programmes “Key challenges of joint programmes evaluation and accreditation procedures”](#) . April 15, 2021. The European University Alliance, which brings together the universities of Bergen, Granada, Graz, Leipzig, Lyon, Padua and Vilnius, and one of the first 17 alliances which the European Commission will approve in the first call of this emblematic initiative, organised this seminar - discussion in order to provide an opportunity to share perspectives on external review and accreditation of joint programmes through a joint discussion with quality assurance/accreditation agencies of the seven countries where their universities are based. The main aim of this event was to jointly identify the key obstacles and possible solutions for the evaluation and accreditation of joint programmes in each one of the contexts. During the event, the agencies actively participated by providing information on the current situation of the possible procedures for evaluation of a joint study programme proposed.

## 5.5 International Projects

AAC-DEVA participates in the international project [“STUPS-Student participation without borders”](#) funded by the ERASMUS+ programme and coordinated by the University of Huelva, and which is also participated by the European Students’ Union (ESU), the University of Evora and the University of Applied Sciences Upper of Austria.

The general objective of the project is to lay the foundations of a European network focusing on the development of new practices to promote student participation. The specific objectives of the project are to increase and improve knowledge, cooperation, skilling and awareness of student participation which is an invaluable source for social innovation and it is essential to provide an efficient governance and a more inclusive Higher Education System. The length of the project is 32 months and it will end in 2022. Further information can be found [here](#).

## 5.6 DEVA´s Service Letter

In 2020 started the work on the development of DEVA´s Service Letter with the collaboration of the technicians of customer attention and quality service for citizens in the Regional Administration. On January 11, 2021 the provisional report on the draft for the Service Letter was applied for the General Secretary for Public Administration. In March it was received the favourable report and the Service Letter was approved by Resolution of DEVA´s Director After approval, On April 5, it was applied to be published in the Regional Official Gazette (BOJA). Finally, the Service Letter was published in BOJA on April 20, 2021. On May 19, it was presented to all DEVA´s staff and Area coordinators.