

ACTION PLAN OF THE RESEARCH RESULTS TRANSFER OFFICE (OTRI)

SUMMARY OF THE PERFORMANCE

Person in charge: Margarita San Andrés Moya, Vice Chancellor for Research and Transfer.

Title: OTRI Action Plan (October 2020-December 2022).

Summary:

The OTRI aims to promote transfer by reducing the gap between the world of research and business. The aim is to support the strategy of the Complutense University of Madrid (UCM) in terms of R&D&I through the improvement of the activity carried out by the Office, promoting, on the one hand, a closer approach of the University to the companies, and, on the other, an adequate dissemination of the results of this innovation and entrepreneurship. These goals will be achieved by improving the channels, instruments and mechanisms used by the Office.

GOALS.

1-Creation of new innovative companies based on research, technology and knowledge results, and promotion of collaboration between research groups and companies.

The aim is to foster the efficiency of the transfer activity through increasing the number of new University Knowledge Transfer Companies (ETCU). To achieve this goal a dedicated Marketing and Valorization Unit was created within the OTRI, providing support and advice to UCM researchers and making tools available in order to promote cooperation between research groups from the different UCM areas and national and international companies. This effort is designed to come along with researchers, helping them to go further and faster and generating value for society.

2-Strengthening of R&D&I funding.

By promoting interaction between research groups and the business community, at a regional, national and international level. The aim is to boost this collaboration through the development of on-demand and collaborative R&D&I projects, all as a key factor for economic revitalization and job creation.

3-Dissemination and visibility of the transfer of research results.

The objective, through the Scientific Culture and Innovation Unit (UCC+i) and the Marketing and Valuation Section, is to raise the level of interest in and knowledge of Spanish society about science and research. To meet this goal, the transfer of information from UCM researchers to citizens will be encouraged. Additionally, efforts will be made to bring science closer to society through the media; promote scientific vocations; stimulate citizen and business participation in scientific processes and encourage the participation of researchers in the dissemination of their results.

4-Improved protection of research results.

The objective is to carry out the relevant tasks to improve administrative procedures and technical support and advice in the protection of the research results of UCM personnel, as well as to grow their number. Filing with the Spanish Patent and Trademark Office (OEPM) of applications for national patents and utility models and international extension of patents via PCT will be carried out, as well as the monitoring of application files during the term of protection.

5-Training.

One of the objectives of the actions to be implemented consists of seeking specialization among the Teaching and Research Staff (PDI) of the UCM and the Administration and Services Staff (PAS) of the OTRI. An improved management of the different calls for proposals that are carried out in the Service is the expected outcome.

6-Review and improvement of the JPC (Job Position Classification)

The stabilization of the staff in the different UCM services, and in particular at the OTRI, is one of the challenges to be met in order to achieve greater efficiency in the management of the different Sections and in all the administrative and technical procedures carried out in each one of them.

The OTRI is seeking to get a stronger workforce by means of creating new positions for both officials and permanent employees while reducing short term positions, aiming to ensure continuity for the management support tasks.

STRATEGIES AND TASKS.

Objective 1

1.1 Creation of the Marketing and Valuation Section.

Given the growing demand from both national and international companies and the university community in contracting services and collaborations with UCM research groups, the OTRI decided to set up the Marketing and Valuation Section, with the aim of supporting UCM researchers who are interested in exploring the world of entrepreneurship, based on their own research.

Expected date: first quarter 2021.

1.2 Incorporation of University Knowledge Transfer Companies (ETCU-UCM)

The Marketing and Valuation Section will support the creation of ETCU and increase the number of companies in which the UCM participates. This is one of the most common technology transfer processes in the university environment. The ETCU will be created by the research staff of the UCM that has generated those results intended to be exploited from this newly created company. To that end, support will be given in order to search for experts, provide legal advice regarding incompatibilities, sign transfer and partner agreements, and offer specialized training in the protection of research results and in other areas such as communication, finance, legal affairs, etc.

In cooperation with the Legal Support staff new standard documents will be prepared regarding the incorporation of the new ETCU: compatibilities, transfer agreement, business plan, partner agreement, etc.

Expected date: throughout 2021-2022

1.3 Search for experts and collaboration with companies.

The aim is to increase the number of collaborations between UCM research groups and companies, both national and international. A map of research groups and managers will be drawn up. For this, some search criteria will be established with keywords that facilitate the kickoff of these possible collaborations.

Planned date: start 2021.

1.4 Analysis of the index and technology valuation report.

It is necessary to update the Complutransfer Index, which includes the capabilities and results of the UCM researchers, as well as the patents and utility models available. Once the update is done, the corresponding services will be contracted through an external consultant to obtain a valuation report of the previously selected technologies to proceed with the commercialization of the three best investigations or technologies of the four areas of knowledge: Social and Legal Sciences, Art and Humanities, Sciences and Health Sciences.

Expected date: second semester 2021.

1.5 Execution of the Liaison Entities Agreement and search for new local, regional or national calls.

The Liaison Entities agreement, with financing from the Community of Madrid, was awarded to the UCM in 2019 for a period of 3 years, for which it would end in 2021. As of October 2020, hardly any budget items had been executed; therefore, one of the primary objectives of the Marketing Section will be to establish a series of strategies and tasks to proceed with their execution, contacting the participating ETCUs and being able to carry out a series of advisory, support, and communication actions aimed at improving the provision of their services while casting more visibility in the university community and in society in general of their research results.

In addition, we will work to obtain new local, regional and national calls to obtain new financing channels and to be able to expand our activities with researchers.

Planned date: years 2021-2022.

Objective 2

2.1 Report on recommendations and regional and national innovation and entrepreneurship networks.

Since one of the OTRI main objectives is to strengthen public-private collaboration and technological cooperation as a key factor for economic revitalization and job creation, a study of regional and national innovation and entrepreneurship networks is planned to be carried out. It is aimed at developing a better knowledge of the possible fields of collaboration that our researchers may establish, focusing on public collaboration projects and partnerships with Foundations.

Planned date: 2021

2.2 Participation in new calls for public-private collaboration projects.

The aim is to improve the search tools for new calls which our researchers could participate in, as well as to facilitate administrative and advisory tasks in those projects they already make part of. In addition to this support, training seminars will be held and their visibility will be increased.

Planned date: years 2021 and 2022

2.3 Increase in contracts art. 83 LOU.

The necessary actions will be carried out to obtain greater specialization in the management of art contracts. 83 LOU to sign with companies for the development of R&D&I activities, in terms of the negotiation, drafting and review of all of them to achieve greater interaction between the university and the company environments.

An external consultant will be requested to study business contracts.

Expected date: second semester 2021 (it was in 2022)

2.4 Search for new national and international tenders.

The aim is to improve the procedures for searching and communicating to researchers new national and international tenders. Likewise, support and advice to meet the participation requirements in this area will be reinforced for the intended goal of increasing the number of tenders with participation

of researchers from UCM. in all of them requires. It is also intended to increase the annual number of these tenders.

Planned date: years 2021 and 2022.

Objective 3

3.1 Dissemination of research results .

Work will be done to increase the production of scientific articles and maximize the dissemination of the scientific publications of the UCM researchers, as well as the activities of the UCC. Among the planned actions: the broadcasting of outstanding events; use of new formats of graphic design, video and infographics; new subscriptions; increase in the publication of informative pieces and replicas of their work and new strategies in social networks.

Planned dates: throughout 2021 and 2022.

3.2 Scientific dissemination events .

In addition to the coordination carried out by the UCC in the Science Week, the European Night of Researchers, the International Day of women and girls in science, it is intended to attend and participate in other events of informative content.

Planned dates: throughout 2021 and 2022.

3.3 Participation in the FECYT call.

Th OTRI intends to participate in the next FECYT calls due in 2021 and 2022.

3.4 National and international fairs, events and congresses related to the field of innovation and entrepreneurship.

The Marketing and Valorization Section will support the attendance and participation of our researchers and their research results at suitable national and international events in order to achieve greater market visibility.

Planned dates: throughout 2021 and 2022.

3.5 Social Networks

Steps will be made to bolster the social networks of the UCC while starting new accounts through the Marketing and Valuation Section, with the goal

of improving the visibility of our work and the research results of our researchers.

Planned date: start 2021.

3.6 OTRI institutional video and presentations of the different Sections of the Office.

The objective of the video and the different presentations is to make the work of the OTRI visible in the university community, through the Office's website, emails, social networks or presentations that are made both inside and outside the OTRI .

Planned date: 2021.

Objective 4

4.1 Intellectual and Industrial Property Regulations.

This is one of the priority objectives of the OTRI, as well as of the Office of the Vice-rector for Research and Transfer and of the UCM itself. It is necessary to have a framework regulation for the multiple actions, procedures, queries that are generated daily at the UCM in relation to intellectual and industrial property.

Scheduled date: late 2021.

4.2 Valuation of existing patents and utility models in the Complutransfer index. It is planned to carry out this assessment by the Technical Patent Staff of the OTRI to start updating the index.

Expected date: second semester 2021.

4.3 Study and evaluation by an external company of patents and utility models previously provided by the OTRI Technical staff. This should culminate in a final report that analyzes the competitive, technological and market environment of each product. And it will allow researchers to identify their opportunities for market implementation and transfer. Finally, work will be done on the possibility of marketing the three best examples.

Expected date: second semester 2021.

4.4 Improve the specialization of legal advice on intellectual and industrial property.

This will be achieved through increasingly specialized personnel, receiving appropriate training, together with the possibility of hiring external consultants to provide certain advisory services. The objective is to be able to improve the management of the study and processing of technology transfer agreements (patent license, know-how license and software use licenses); Material Transfer Agreements (MTAs); Non-Disclosure Agreements (NDAs); Co-ownership agreements; contracts with companies; collaboration agreements and constitution of ETCU (transfer agreements, partner agreements).

Expected date: years 2021 and 2022.

A sample study of current agreements will be requested from an external consultant.

Scheduled date: second semester 2021.

Goal 5

5.1 Online training on technology transfer. Associated rights.

It is intended to give our researchers a vision of the transfer of research results, as well as the existing regulations.

Planned date: first semester 2021

5.2 Online training on intellectual and industrial property.

Both researchers and Staff members demand information on different aspects of intellectual and industrial property: confidentiality agreements, material transfer agreements, patent licensing, know-how, trade secrets, software licensing, trademarks, intellectual property, data protection.

Planned date: first semester 2021

5.3 Patent workshop.

We intend to offer an approach to the field of patents for our researchers, through a face-to-face workshop given by specialized personnel from the Spanish Patent and Trademark Office (OEPM).

Planned date: first semester 2022

5.4 Online training on modalities and instruments in the collaborative R&D environment.

Contracts for the provision of services and collaboration agreements and consortium agreements linked to national and international programs will be dealt with.

Expected date: first semester of 2021.

5.5 Face-to-face training on calls for collaborative projects:

Face-to-face seminars will be organized to provide information to researchers about the different calls for collaborative projects. In order to increase the success rate in these calls, external consultants will be made available to meet our researchers' demands.

Expected date: at the time the calls are published during 2021 and 2022.

5.6 Online training on technology-based companies.

The main aspects to be dealt with would be company formation, marketing and dynamization.

Expected date: second semester 2021.

5.7 Entrepreneurship and Innovation training program, as well as Business Acceleration.

Training programs focused on scientific entrepreneurship will be carried out for interested researchers. The aim is to bolster new entrepreneurial projects by those researchers who already have shown interest in the setting up of an ETCU (technology transfer companies). These researchers will be offered advice and support for the transformation of their incipient or already advanced research outputs into a new company.

Scheduled date: different sessions throughout 2022.

5.8 Course on Scientific Journalism and popularization of science.

This goal is to be achieved through a carefully designed program and dissemination targeting broad audiences.

Expected date: second semester 2022.

5.9 Social networking course.

Given the growing importance of social networks in society in general and in research in particular, a training program for researchers will be carried out, with the participation of relevant research-oriented social networks activists.

Expected date: first quarter 2021.

Objective 6.

6.1 Establish an organization chart for the OTRI.

Given the new initiatives and tasks that are planned to be carried out in the OTRI and that are going to imply a significant change in its structure and tasks, it is necessary to create a new organizational chart in which each of the positions, sections, tasks and existing needs are indicated.

Each one of the aforementioned objectives, as well as their corresponding tasks, imply a change in the existing personnel structure. Some stabilization is necessary through either statutory or permanent no statutory employees to guarantee continuity in the tasks, as well as the quality of the service. This stabilization process should gradually eliminate temporary hiring.

It will be necessary to reinforce the staff at the Marketing and Valuation Section; Collaborative Projects; Legal Support and UCC.

Planned date: 2021.

Finally, through 2021 and 2022 the OTRI will implement the **Pluriannual Agreement with the Regional Government of Madrid**. Its Innovation Line for Transfer Offices covers a wide range of actions aimed at delivering the results related to the goals which have been mentioned in this paper.

OUTCOMES.

Objective 1

Marketing and Valuation Section was created in the first quarter of 2021.

-No **ETCU has been set up** in the 2021-2022 period, although it continues to provide support and advice to potential business projects, including all administrative procedures and legal documents. As a result, the transfer agreement, the partners' agreement and the business plan templates have been already drafted.

-**A map of research groups and managers** was also drawn up, with the keywords to improve the search for experts, in the first quarter of 2021. Throughout the years 2021 and 2022, links between companies and research groups for different collaborations and provision of services were on the rise.

-**Complutransfer** technology sheets were updated and the final report on the three best technologies was issued by the external consultant in the second half of 2021. We continue working on the possibility of establishing an ETCU based upon one of the selected projects.

-We have fulfilled the **Liaison Entities Agreement** in the last quarter of 2020 and along 2021 and 2022, obtaining very good results with the ETCUs in which the UCM participates, through the different actions that we implement until completion.

-In the second semester of 2022, we applied to the **Call of the Madrid City Council** to promote innovation through acceleration or scaling-up programs for innovative projects developed by public universities, non-profit foundations linked to public universities, science parks and public research organizations based in the municipality of Madrid. The OTRI, in partnership with Compluemprende, obtained financing for the implementation of UCM Acelera project across the different proposed lines, in particular backing up the business models of eight consolidated research teams. In all cases with the aim of achieving the formation of new ETCU.

Objective 2.

-A report on recommendations and regional innovation and entrepreneurship networks was commissioned for 2021, although it was finally completed in 2022.

-We have participated in different calls for **public-private collaboration projects** throughout 2021 and 2022. Training seminars were also organized along 2022. And there was a significant rise of new national projects involving participation of UCM: from 13 national projects (€1,232,244.27) in 2021 to 31 national projects (€3,121,028.28) in 2022.

- Processing of contracts art. 83 LOU was improved through updates of the contract models and annexes, while the analysis of business contract proposals was assigned to an external consultant in 2022. Regarding the number of contracts per year, 601 were signed in 2021 and just 552 in 2022, but the overall funding increased from 5,959,181€ to 7,848,463€

-Search for new **national and international tenders** went on through 2021 and 2022, developing new formulas for advising and supporting our researchers so that they can participate in these calls, not achieving expected increase though. Thus, in 2021 we participated in 11 national tenders (802,516€), and one international tender (€20,000), plus 2 international subawards in the USA (\$470,000). In 2022: 12 national tenders (2,132,232€), 1 international tender (1,875 €) and 2 international subawards in the USA (\$150,255).

Objective 3

-Through the **UCC** , an increase in the production of scientific articles has been achieved, with the consequent dissemination of the scientific publications of the UCM researchers. Some events have been broadcast, such as the COVID protocol. We have used new graphic design formats, videos and infographics and also new subscriptions, such as ErukAlert (late 2020); Auditmedia , Adobe Premiere Pro and Canva PTY LTD-Graphic Design Software (2021). In 2022 all these subscriptions have been renewed.

The number of informative pieces grew from 117 in 2020 to 120 in 2022, with a diffusion of more than 1,000 media outlets, with a total audience of 2,500,000 people.

As for our website, annual visits went up from 200,000 in 2020 to more than 400,000 in 2022.

-Regarding the **events of scientific dissemination of the UCC**, coordination tasks were carried out by the Unit in the Science Week, the European Researchers Night, the International Day of women and girls in science in 2021 and 2022.

The Annual Scientific Dissemination Contest was also convened, awarding 15 winners in 2021 and 17 in 2022.

We organized the Disclosure Influencers Meeting, with the attendance of 500 people, in the first half of 2021.

A new collection of Guides for Science dissemination was published, with an impact of 2,500 people.

Explanatory videos have been released for the A to Z section (science): 10 in 2021 and 3 in 2022.

We have organized the Complutense Science Monologue Contest, "Disclosure with aroma of nougat" in the last month of 2022, with the participation of 15 researchers and 1,500 visits on YouTube.

We participated in the FECYT calls for 2021 and 2022, although our project was not selected.

-Regarding national and international **fairs, events and congresses related to innovation and entrepreneurship**, in 2021 and 2022, the Marketing and Valuation Section attended a high number of events, congresses and fairs, both national and international, such as:

Intersolar Mexico, Transfer Malaga, Pharma Forum , South Summit, DES Madrid, Intersolar Munich , DES Málaga, IP4 Patents for Innovation, Innovation Conferences in Zaragoza, etc.

All of them have allowed the dissemination of our research results in forums with large audiences.

-Regarding **social networks** , by the end of 2022, the number of posts on Twitter, Facebook, YouTube and Instagram has increased, both on the UCC networks and those created in 2020 for the Marketing and Valuation Section. Thus, for example, between Instagram and Twitter for the UCC we have in 2022 around 6,500 followers, and between Instagram and Facebook, for Marketing, over 1,500 followers.

Throughout the 2021 and 2022 years, certain actions have been carried out to improve social networks, with new applications and designs to bolster the visibility of all our tasks and the results of the research.

-**An institutional video of the OTRI** was produced in 2021, as well as the **Presentations** of the different Sections of the OTRI (year 2022). The objective is to make the OTRI visible in the university community, through the Office's website, emails, social networks or presentations that are made both inside and outside the OTRI.

Objective 4

-**Preparation of new Intellectual and Industrial Property Regulations was launched.** Finally, and after exhaustive work, consultations, advice and board meetings, the new regulation was published in the first quarter of 2022. Aimed at providing an indispensable legal framework for Intellectual and Industrial Property, it has been very well received by the entire university community.

Valuation of the existing patents and utility models in the Complutransfer index has been carried out by the Technical Patent Staff of the OTRI, which has constituted the start of index updating. It was finally carried out in the first half of 2022 and not in the second half of 2021, as initially planned.

- Once the previous task was completed, we proceeded to carry out the **Study and valuation** by an external company of patents and utility models previously provided by the Technical staff of the OTRI. This culminated in a final report that analyzes the competitive, technological and market environment of each product. It has also allowed us to identify their opportunities for implementation and market transfer.

Like the previous activity, there has been a delay in its execution and it ended in the first half of 2022. What we have not been able to carry out is to achieve a possible commercialization of the three best results, due to the lack of interest in the market.

-Regarding the improvement in the **specialization of legal advice** in matters of **intellectual and industrial property**. This improvement has been achieved with the incorporation of specialized personnel, the completion of good training and the possibility of hiring external consultants to provide certain advisory services.

For example, in 2021 we had:

23 Confidentiality Agreements, 33 Material Transfer Agreements, 8 Joint Ownership Agreements and 17 Patents applied for or registered.

In the year 2022:

16 Confidentiality Agreements, 30 Material Transfer Agreements, 12 Joint Ownership Agreements, 17 Patents, 6 Utility Models, 3 Trademarks and 4 Intellectual Property registrations

In addition, in the year 2022, the model documents for Confidentiality Agreements, Material Transfer and Co-ownership have been prepared. Also in those of Transfer Agreements and Partner Agreements, in the field of ETCUs.

A sample study of current agreements has been requested from an external consultant.

Objective 5

-Online training for the **staff of the Office of the Vice President for Research and Transfer** during the 2021 year:

- a) Technology transfer.
- b) Intellectual and industrial property.
- c) Modalities and instruments in the Collaborative R&D environment.
- d) Technology-based companies.

- **Face-to-face course-workshop on patents** , taught by the OEPM (first semester 2022), for UCM researchers.

- Face-to-face training on calls for **collaborative projects** : seminars given by external consultants for our researchers. This has allowed an increase in the success of the calls in which we have participated. We have only carried out this activity in the 2022 annuity, at the time of publication of the different calls.

-**Entrepreneurship and Innovation** training program , as well as **Business Acceleration** . Different sessions have been held in 2021 and 2022, which has led to an increase in the interest of our researchers in scientific entrepreneurship and in the constitution of ETCU.

-**Social Networks Course** for UCM researchers was carried out in the first quarter of 2021.

-**Course on Scientific Journalism and dissemination of science** was held in the last quarter of 2022.

Objective 6

Once the OTRI organization chart was reviewed at the end of 2020 and in anticipation of implementing our new tasks to achieve the defined objectives, certain positions were requested.

Thus, the staff of civil servants has increased slightly with the incorporation of a head of the Marketing and Recovery Section (year 2021) and a head of the Collaborative Projects Section (year 2021).

We have made contracts charged to certain projects in the area of Communication, Marketing and Legal Support.

In 2022, an official has joined the Legal Support area, although she is not part of the OTRI staff, according to the RPT.

Finally, during 2021 and 2022 the OTRI has performed the **Pluriannual Agreement of the Community of Madrid**, through the OTRI Innovation Line. In charge of this Agreement, a series of tasks related to all the previously stated objectives have been carried out.

List of events, fairs and activities to promote transfer: year 2021.

Number	Name of the event	event date	Participants
1	International Day of Women and Girls in Science	02/11/2021	6,900
2	Researchers Night	09/24/2021	312
3	Science Week	01-14/11/2021	18,000
4	Scientific Disclosure Contest	03-26-2021	132
5	Technology and Knowledge Transfer Award	06-22-2021	28
6	Scientific journalism and dissemination of science course UCM	15/26-02-2021	14
7	Online training course Science on YouTube and Social Networks	6/21-09-2021	fifty
8	Disclosure Influencers Meeting	06-16-2021	500
9	Guidelines for action: The Scientific Community in the face of misinformation	20-12-2021	2,500
10	From A to Z(science): audiovisual collection	January December	1,500
eleven	Disclosure Influencers Meeting	06-16-2021	500
12	Meeting of Scientific Culture Units of Spain, convened by the FECYT	27-29/10/2021	200
13	Transfer Malaga	14-15/04/2021	2,000
14	DES Madrid	05/18-20/2021	4,000
fifteen	Intersolar Mexico	7-9/09/2021	10,000
16	South Summit	5-7/10/2021	52,000
17	pharma Forum	11/3-4/2021	3,000
18	MABS Business and Management	24-25/11/2021	600
19	Impact Hub Measures	11/18/2021	150
twenty	UCM Training Program " Entrepreneurship + Knowledge = Exponential Innovation	June/November 2021	150
twenty-one	Agora Congress	23-26/11/2021	
22	OTRI personal training plan	2021	fifteen

List of events, fairs and activities to promote transfer: year 2022.

Number	Name of the event	event date	Participants
	SCIENTIFIC CULTURE UNIT		
1	International Day of Women and Girls in Science	02/11/2022	fifty
2	European Night of Researchers and Researchers	09/30/2021	200
3	Science Week	07-11/20/2021	13,000
4	Fair Madrid is Science	02-05/03/2022	117,000
5	Scientific Disclosure Contest	04-09-2022	80
6	Training course in scientific dissemination for research staff	10/20/2022	33
9	Action guides: The scientific community and the use of the podcast to disseminate	12-20-2021	2500
10	From A to Z(science): audiovisual collection	January December	1500
eleven	falling walls Lab spain	06/15/2022	120
12	Meeting of Scientific Culture Units of Spain, convened by the FECYT	6-7/10/2022	200
13	Dissemination with aroma of nougat- Monologues Ciencia Complutense	12/13/2022	1500
	MARKETING AND VALORIZATION SECTION		
14	Transfer Malaga	16-17 February 2022	2000
fifteen	Intersolar Munich	11-13 May 2022	10,000
16	Event at Repsol Technology lab . Day in which several researchers from different UCM Faculties made a presentation (5 minutes) of their research. The process is still in force, since Repsol is making assessments of interest in some of these investigations.	May 2022	fifty
17	Participation of the OTRI Management in the search for research groups and preparatory meeting for the UCM-CEPAIM Human Rights and Business Congress, at the UCM Faculty of Education.	May 2022	6
18	South Summit	June 8-10, 2022	22,000
19	DES Malaga	June 13-15, 2022	4000
twenty	IP4 Patents for innovation	26-27 October 2022	3000

twenty-one	IPFEST 2022	November 25, 2022	600
22	REDOTRI UCM-UOC Exchange Program	November 2022	30
23	-Attendance of OTRI staff at the IV Open Innovation University-Company Forum, organized by the Las Rozas City Council.	November 2022	fifty
24	Assistance of the OTRI staff together with several UCM researchers in the presentation of the results of the 2021 Spin-off Acceleration and Escalation program, carried out by the Madrid City Council.	November 2022	100
25	Zaragoza Innovation Conference	November 2022	30

INDICATORS

Indicator name	YEAR 2020	YEAR 2021	YEAR 2022
Technological cooperation agreements	0	19	19
Companies advised on technology transfer or cooperation (including Spinoffs)	6	9	6
Research groups advised on technology transfer or cooperation	8	59	53
Registered and licensed patents	32	17	17
Competitive, national and international R&D or innovation collaboration projects with companies	26	26	66
Non-competitive projects financed by other institutions	487	601	552
Spinoffs / EBTs created	0	0	0
Events, fairs or activities to promote transfer, B2B or networking developed	9	22	25
Training activities given or organized, in research transfer	17	6	17