

HOW UM OFFICES WORKS WITH COMPANIES?

**University of Murcia Office for the Transfer of
Research Results (OTRI)**

20/11/2025

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Project No.101179468



MEANING OF TRANSFER



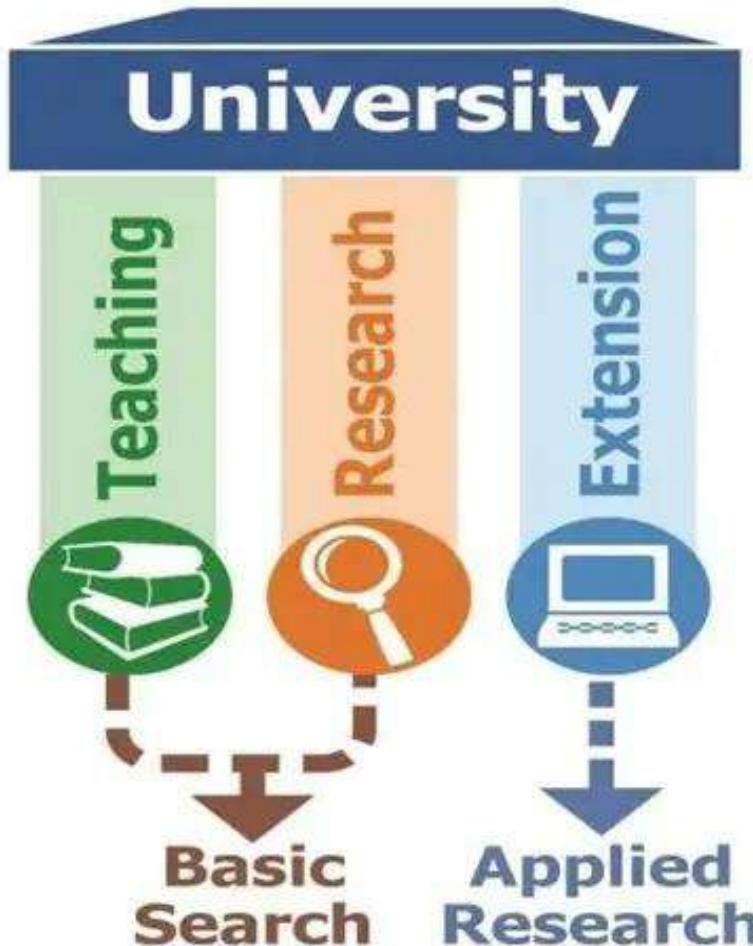
Relationship between research and its practical application
to society



Promotion innovation and collaboration between the different
agents in an environment



Transmission of knowledges and results to society,
businesses and public administrations.



European regulations (EU recommendation 2022/2415) set out guiding Principles for the valorisation of knowledge, and Spanish legislation (Organic Law on Universities and the Law on Science, Technology and Innovation), **RECOGNISE the knowledge transfer as an essential function of universities.**

Together with teaching and research, it forms the **THIRD BASIC PILLAR (applied research).**

Serve as a platform for community progress and support the social transfer of knowledge.

THE IMPORTANCE OF TRANSFER IN THE RESEARCH CURRICULUM AND IN THE ACCREDITATION SYSTEM



ACADEMIA



Teacher evaluation programmes: ANECA

The National Agency for Quality Assessment and Accreditation, attached to the Ministry with powers over universities to improve the quality of the higher education system and ensure that quality standards are met, among other things.

It assesses the curricular merits of research, teaching, transfer and management both for access to certain teaching positions and university teaching bodies, and for the granting of salary supplements.

The ACADEMIA programme assesses the merits of research, teaching, transfer and management in order to obtain accreditation for access to teaching bodies.

The National Commission for the Evaluation of Research Activity (CNEAI) is responsible for evaluating research and transfer merits for six-year recognition.

Support from a **Transfer Advisory Committee**.

“SEXENIO DE TRANSFERENCIA”

- Pilot project for an evaluation system that recognises the impact and visibility of knowledge and innovation transfer in the university and research field.
- Recognize the transfer activity carried out by teaching and research staff at universities and public research centers.



OTRI _UMU



LINK
between
Researchers
&
Companies
=
TRANSFER

HOW?

The OTRI contributes to the collaboration between the University of Murcia and companies through:

- research contracts**
- collaborative projects**
- partnership agreements**
- licensing agreements**



OTRI STRUCTURE

The OTRI at the University of Murcia (UMU) has a multidisciplinary team of professionals, with approximately fifteen qualified professionals who are experts in knowledge transfer.

The staff reports to the Vice-Chancellor's Office with responsibility for technology transfer.

The OTRI is structured into one main area with three sections:

- Contract and Patent Management
- Entrepreneurship
- Promotion

ONE DAY IN THE OTRI

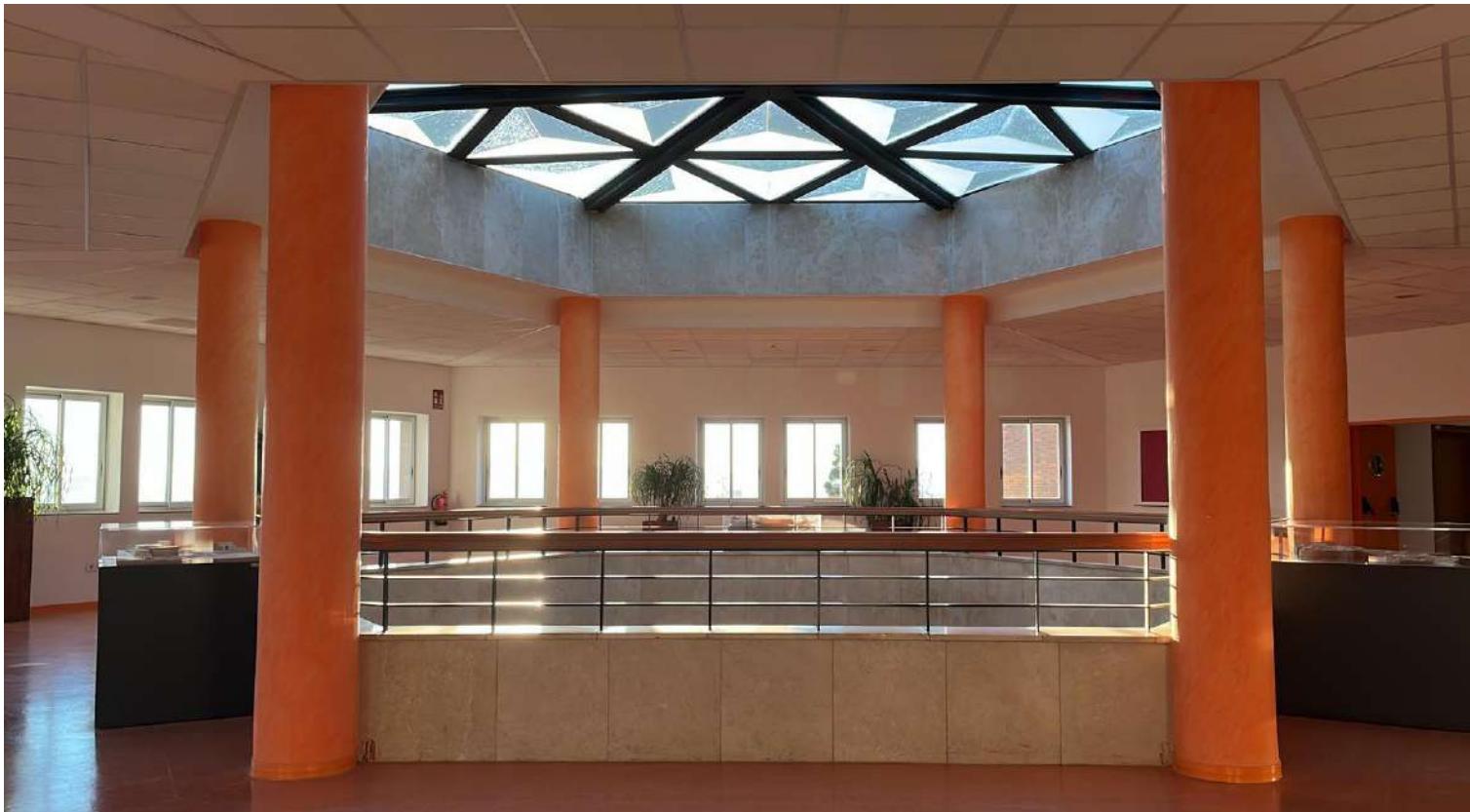


WHERE OTRI UMU IS?

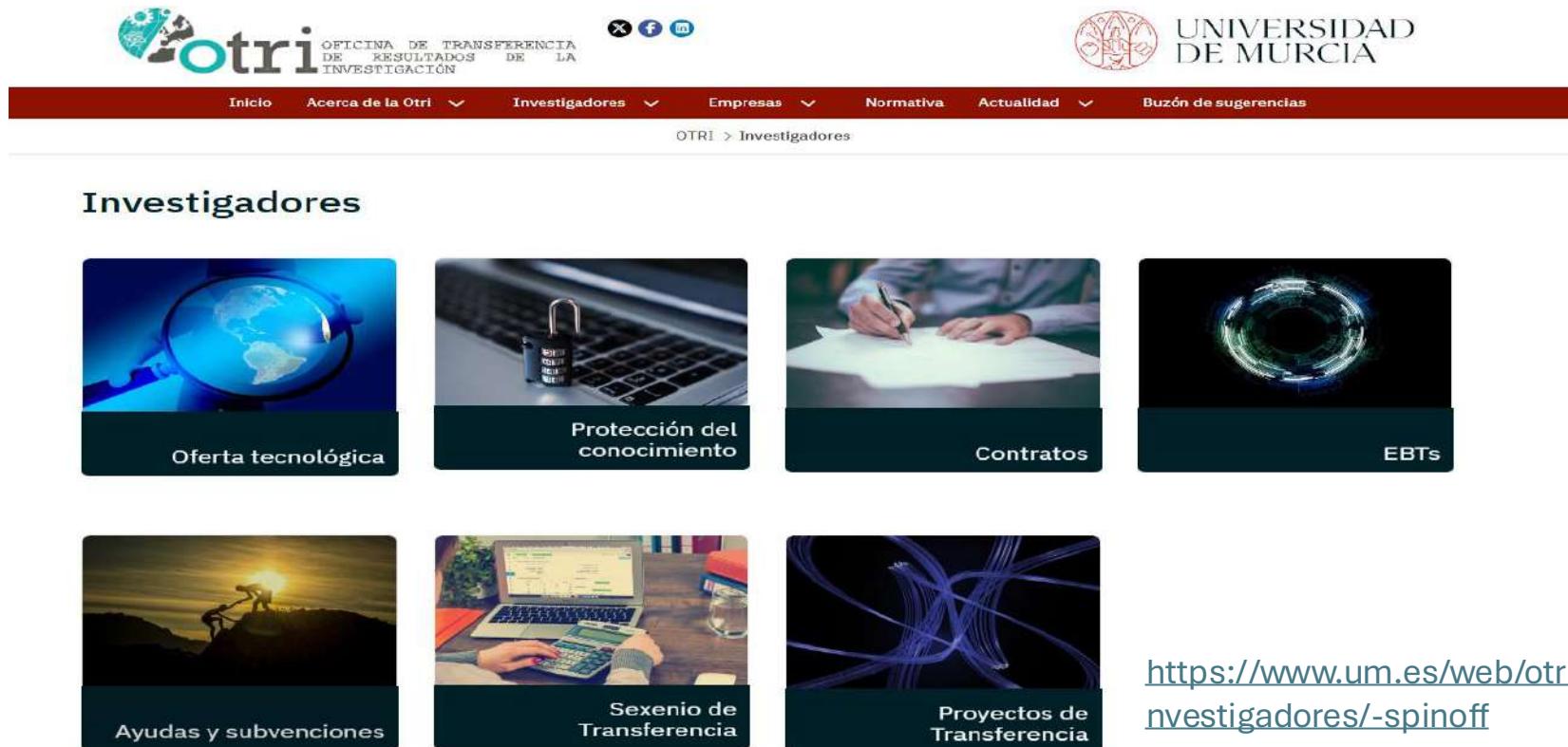


**Campus Universitario
de Espinardo
30100 Murcia
otri@um.es**

um.es/web/otri/



WHAT OTRI OFFERS?



The screenshot shows the 'Investigadores' (Researchers) section of the OTRI website. The page features a header with the OTRI logo, social media links, and a navigation menu with links to 'Inicio', 'Acerca de la Otri', 'Investigadores', 'Empresas', 'Normativa', 'Actualidad', and 'Buzón de sugerencias'. Below the menu, a breadcrumb navigation shows 'OTRI > Investigadores'. The main content area is titled 'Investigadores' and contains eight service cards arranged in two rows of four. Each card includes an image and a title: 'Oferta tecnológica' (Technology Offer), 'Protección del conocimiento' (Knowledge Protection), 'Contratos' (Contracts), 'EBTs' (EBTs), 'Ayudas y subvenciones' (Grants and Subsidies), 'Sexenio de Transferencia' (Transferencia Sexenio), 'Proyectos de Transferencia' (Transferencia Projects), and 'Spinoff' (Spinoff). The 'Spinoff' card is partially cut off on the right.

<https://www.um.es/web/otri/investigadores/-spinoff>

OTRI TASKS

How the work of the OTRI translates

- ❖ Assisting researchers in preparing contracts (art. 60)
- ❖ Assisting in transfer project applications, budget review, consortium agreements
- ❖ Monitoring and managing contracts, projects
- ❖ Financial justification of grants
- ❖ Support with patent application procedures or intellectual property protection
- ❖ Processing and setting up spin-offs

WHAT OTRI OFFERS?



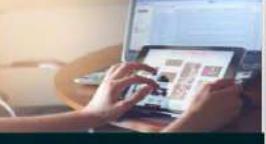
The screenshot shows the 'Empresas' (Companies) section of the OTRI website. The page features a grid of ten cards, each with an image and a title. The cards are arranged in two rows of five. The titles are: Oferta tecnológica, Histórico de patentes, Casos de éxito, Ayudas a empresas, Contratación de servicios, Noticias, Consultores de I+D+i, Boletín para Empresas, Oportunidades I+D, and Escaparate tecnológico.

OTRI OFICINA DE TRANSFERENCIA
DE RESULTADOS DE LA
INVESTIGACIÓN

[Inicio](#) [Acerca de la Otri](#) [Investigadores](#) [Empresas](#) [Normativa](#) [Actualidad](#) [Buzón de sugerencias](#)

OTRI > Empresas

Empresas

-  Oferta tecnológica
-  Histórico de patentes
-  Casos de éxito
-  Ayudas a empresas
-  Contratación de servicios
-  Noticias
-  Consultores de I+D+i
-  Boletín para Empresas
-  Oportunidades I+D
-  Escaparate tecnológico

OTRI TASKS with COMPANIES

- ❖ **Identification of experts:** Helps companies find the most suitable researchers for their technological needs.
- ❖ **Knowledge transfer:** Facilitates collaboration between universities and companies by formalising contracts and other agreements.
- ❖ **Promotion of technological offerings:** Disseminates the catalogue of technologies and research results available for transfer to society
- ❖ **Intellectual property and exploitation Patent management:** Manages the protection of intellectual property (IP) resulting from R&D, including patent processing.
- ❖ **IP valuation:** Works to ensure that research results can be used and exploited commercially.
- ❖ **Business support and entrepreneurship Technology-based companies (EBT):** Assists in the process of creating and consolidating EBTs.
- ❖ **Dissemination activities:** Organises conferences and benchmarking activities so that companies can learn about the latest trends and best practices. OTRI - University of Murcia

**The University of Murcia is the
most important research
resource in the Region of Murcia
*accounting for almost 60% of the
region's research capacity***

- Nearly 2,75e researchers
- More than 363 Research groups
- More than 131 Transfer groups



MAIN ECONOMIC SECTORS IN THE REGION OF MURCIA



KEY FACT

According to latest PYME Report

- **21 companies from Murcia lead business growth in Spain.**
- **The degree of internationalisation and exports of Murcia companies is above the national average.**
- **SMEs from Murcia stand out for their innovation, quality and diversity.**



The OTRI is the **GATEWAY** that allows companies in the Region of Murcia

- ✓ To contract with the most important technological partner in the region
- ✓ To provide solutions to their R&D&I problems
- ✓ To enhance the value of their investments in research
- ✓ To participate jointly with researchers from the University of Murcia in public calls for proposals
- ✓ To obtain licenses for patents or know-how owned by the University of Murcia
- ✓ To find out if there are any knowledge offerings or lines of research close to the current market that could be useful in production or service provision processes.



Business to Business (B2B)

**The OTRI attended
the 2024 Science for
Industry (S4i) event.**





**The OTRI presents UMU
patents at the first
edition of the 'Patents for
Innovation' fair, held in
Madrid in October 2022.**



**The OTRI promotes
the scientific and
technological capabilities
of the UMU at the
TRANSIERE Forum in
Malaga in May 2025.**

The OTRI participates in the Murcia Food 2025 event



UMU-Business working breakfast to promote collaboration with the livestock and animal health sector.

The initiative, organised through the OTRI, brought together more than 40 companies and some 30 researchers to present services, transferable technologies.

The new 'UMU Resource Guide for the Sector' was presented.



Desayuno
UMU-Empresa:
Sector ganadería y
salud y bienestar
animal

Lugar: Salón de Grados.
Facultad de Veterinaria.
Campus de Espinardo-Murcia.

Conoce de primera mano:

- Las tecnologías, servicios y líneas de trabajo desarrolladas por los investigadores de la UMU
- Los diferentes mecanismos y recursos para materializar la colaboración Universidad-Empresa

Networking - Café al final del acto

7 de febrero
de 9h a 11h
Información e
inscripciones:
<https://lc.cx/ONJgDh>

Organiza:

UNIVERSIDAD
DE MURCIA

OTRI

The UMU addresses how to protect inventions related to Artificial Intelligence in a one-day conference

The event reinforces UMU's commitment to adequately protecting research results involving the use of AI

With the aim of promoting a strong culture of industrial property and effectively protecting research results, on 11 June 2025 the University of Murcia held a conference entitled 'The protection of inventions related to Artificial Intelligence', organised by the Vice-Rectorate for Economics, through the Office for the Transfer of Research Results (OTRI).





IT & TECHNOLOGICAL AREA

SUCCESSFUL CASES



- ❖ **Scorpion Cybertechnologies, the new spin-off from UMU that will revolutionise cybersecurity training.**
- ❖ **BLEECKER, spin off specialises in developing solutions for optimising logistics processes through the use of computer vision and artificial intelligence (AI).**

Both UMU spin-offs ‘Scorpion’ and ‘Bleecker’ win an award at the Santander X Spain Awards 2025

Promoting team UMU



PhD Computer Engineering
and Technology

PhD Information and
Communications Engineering

SUCCESSFUL CASES

HEALTH AREA



Promoting team UMU



PhD. María Pilar Coy Fuster (Physiology Department)

PhD. Analuce Canha Gouveia (Physiology Department)

**PhD. Rafael Latorre Reviriego (Comparative Anatomy and Pathological
Anatomy Department)**



Patented intrauterine device that allows the collection of pure uterine fluid without causing endometrial damage or requiring uterine lavage. DUFIC is designed to facilitate more accurate and reliable diagnoses in pathologies such as endometrial cancer, chronic endometritis, embryo implantation failure and imbalances in the uterine microbiota.

The device is currently undergoing clinical validation and CE marking, backed by funding obtained through competitive calls for proposals from entities such as the "la Caixa" Foundation and the Seneca Foundation.

GYNETOOLS, S.L.

The new spin-off from the University of Murcia that will revolutionise gynaecological diagnosis with 100% non-invasive technology and high potential for clinical application.

Its main focus is on pathologies such as endometrial cancer, embryo implantation failure, imbalances in the uterine microbiota and other uterine conditions with significant diagnostic challenges.

Video by Professor Analuce Canha Goiveia on the role of the OTRI in the success of her research group's investigations.

<https://wetransfer.com/downloads/c4fb d9954d9a2db838a0195188ea606d202511 19172054/fdb3fc3dfe12c046efa5149b5cc 0848520251119172249/5da7b3>



SUCCESSFUL CASES

AGRICULTURE & FARM AREA



UMU researchers develop rapid test to detect inflammation in pigs



<https://www.um.es/interlab/en/salilab-umu/>

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 Co-funded by
the European Union

Video by professors Jose Joaquín Cerón Madrigal and Silvia Martínez Subiela about the laboratories that have been set up based on their research and to promote the work they do to potential interested companies or institutions.

<https://www.um.es/interlab/en/salilab-umu/>

Promoting Team UMU



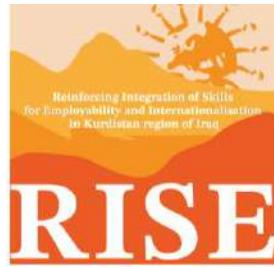
Jose Joaquin Ceron Madrigal

Director Interlab-UMU



Silvia Martinez Subiela

**Head of the Biochemistry Section, Head of the WEB
and Scientific Outreach**



OTRI UMU IN FIGURES

Source: Anual Academic Course 24-25 Memory



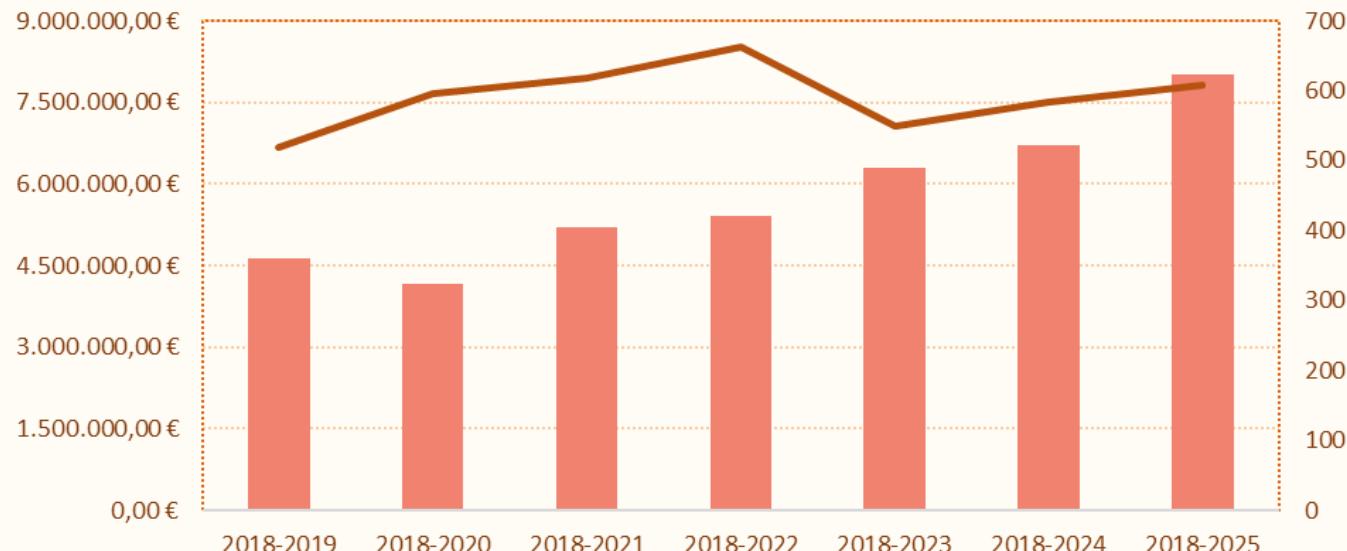
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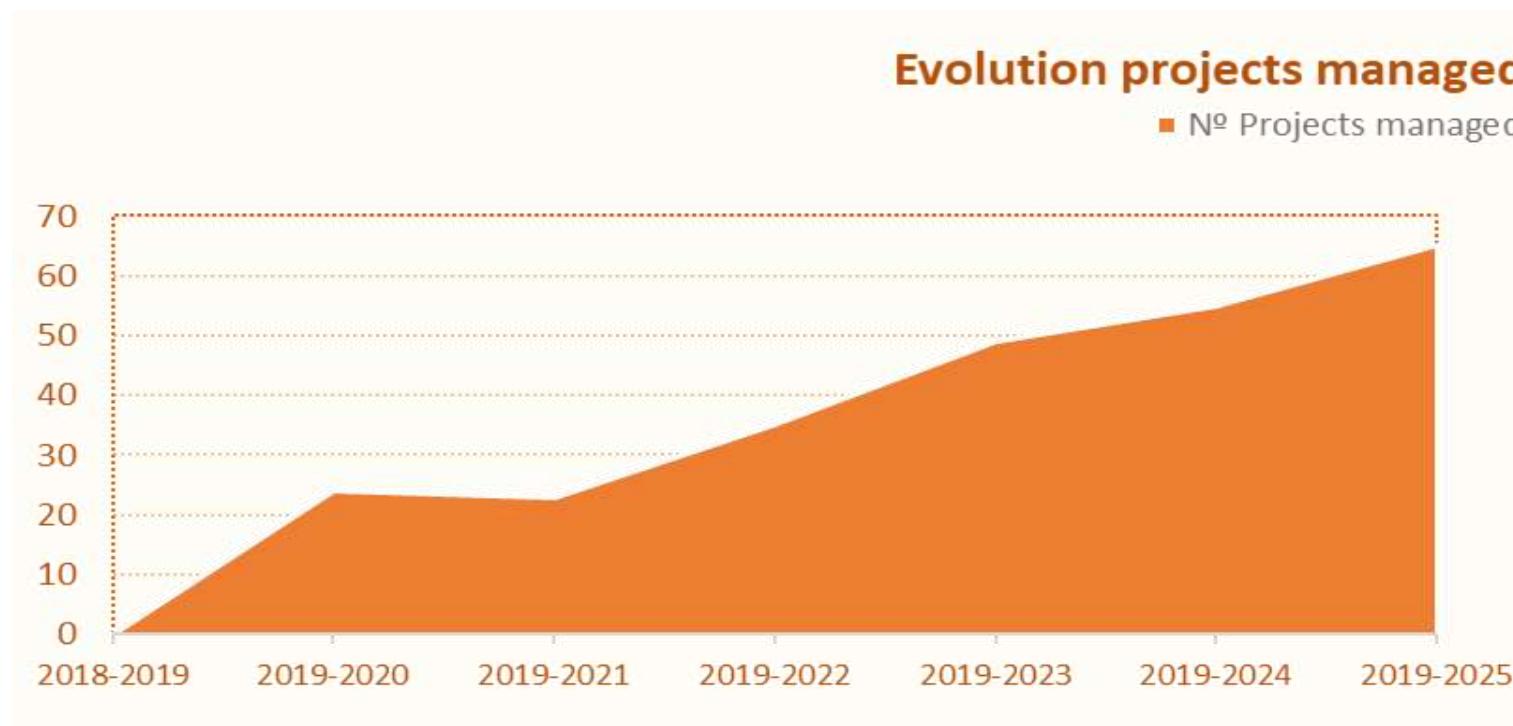


Co-funded by
the European Union

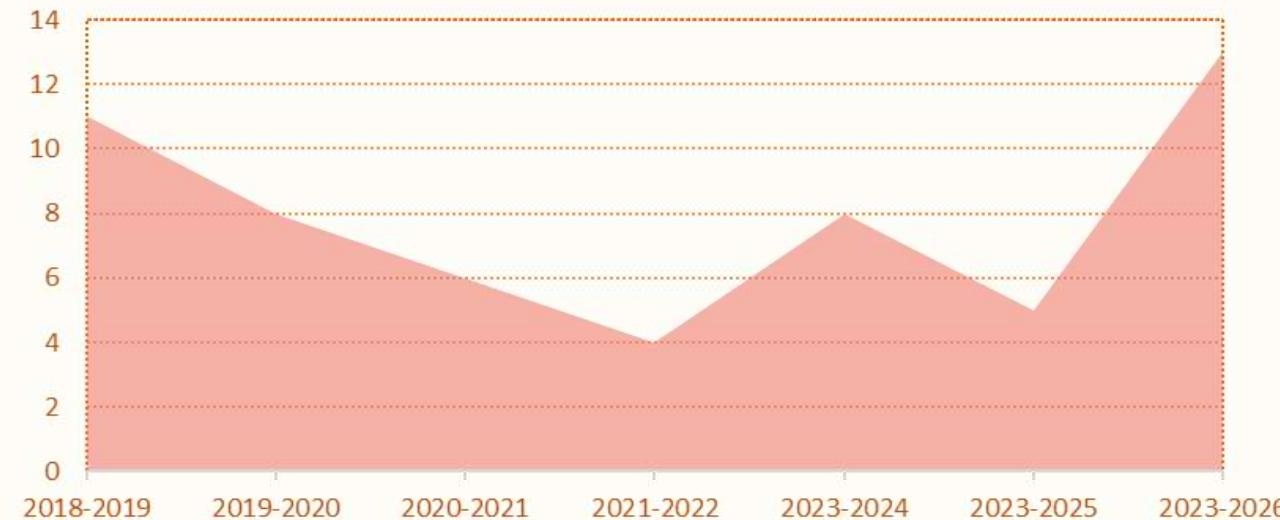
Evolution Income and new contacts signed

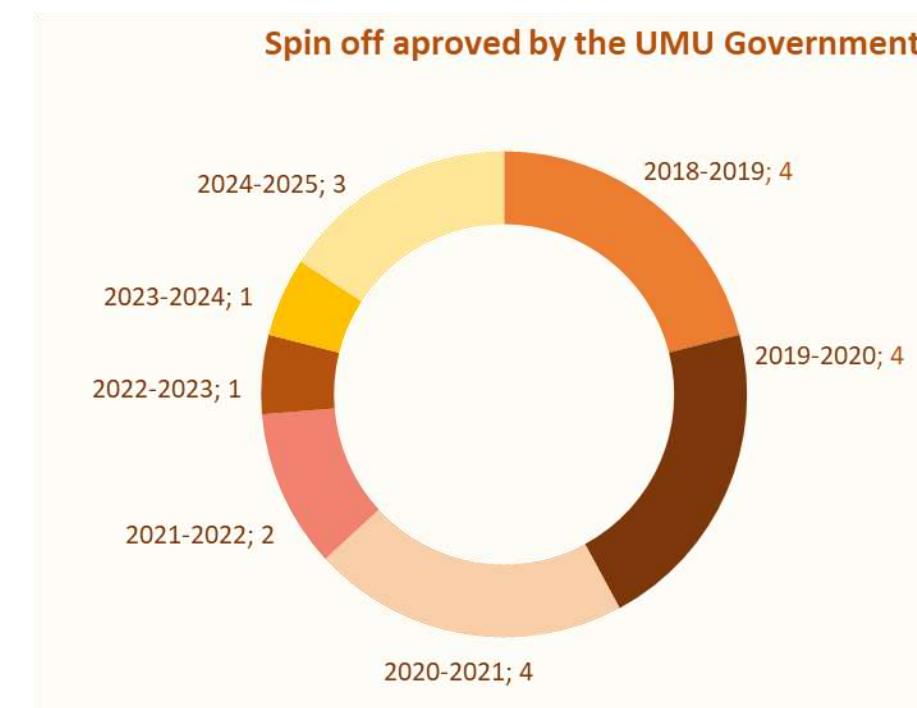
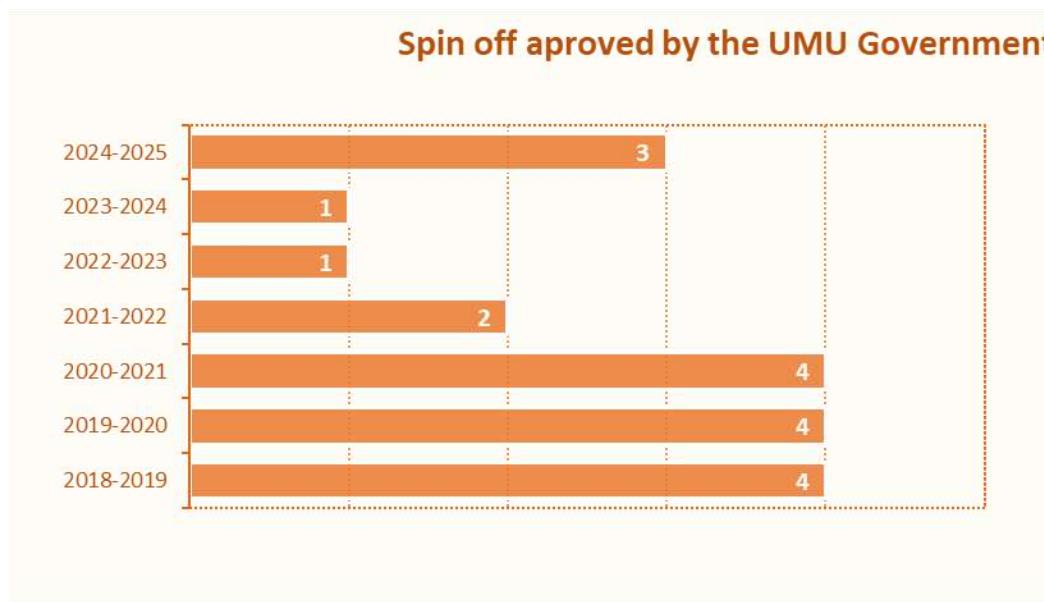
Income M. — New contacts signed



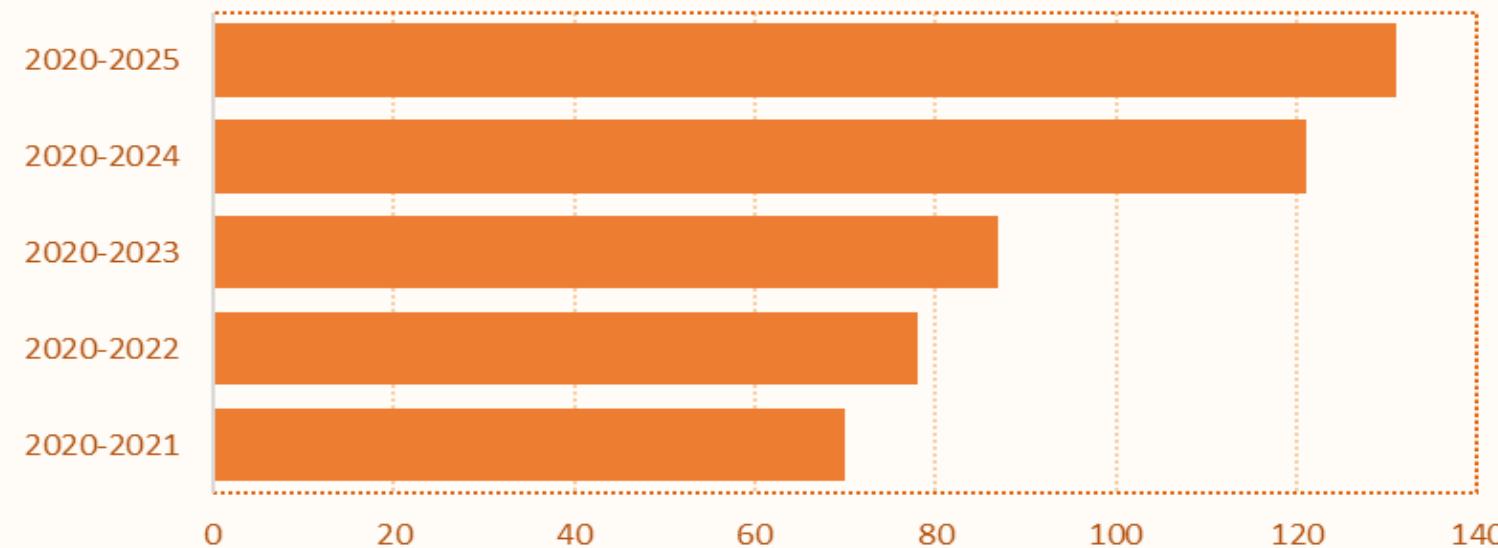


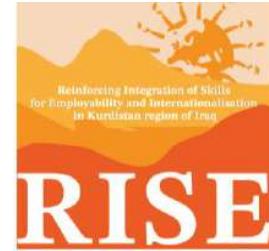
Evolution number patent applications





Evolution knowledge transfer groups





THANK YOU FOR YOUR ATTENTION.

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Get in touch

 info@rise-project.eu

 <https://www.rise-project.eu/>

Social media

