

URV FOUNDATION TECHNOLOGY AND INNOVATION TRANSFER CENTER ACTIVITY OVERVIEW 2016

The URV Foundation (FURV) is an entity that was constituted by the Universitat Rovira i Virgili (URV) to promote relations between society and the University through project management, knowledge transfer, lifelong learning and innovation (RDI). The **Technology and Innovation Transfer Center (CTTi)** is the part of the FURV that manages the transfer of technology and knowledge.

The CTTi is responsible for ensuring that the results of URV research are made available to society, either by contracts with companies and other organizations to carry out R&D projects, or give advice and technical services, or by licensing knowledge and creating spin-off companies.

Of particular importance in 2016 was the overall contracting volume, which was 4.7 million euros. This amount includes the contracts with companies and organizations, the funding and donations received, and the assignment of facilities that the CTTi manages on behalf of the URV.

The CTTi is the URV Valorization and Commercialization Unit (UV-URV) and is part of the Network of Valorization Units of ACCIÓ, the Catalan government's agency for business competitiveness. In 2015, CTTi was accredited as a TECNIO facilitator, a distinction that identifies it as an organization where companies can find new technologies to meet their needs for the development of new products and processes, either through the acquisition or exploitation of patents, recruitment of RDI projects or contact with spin-off companies. The result of this activity has led to 18 patent applications being made during the year (priority and international patent), 7 signed licenses and the recognition of a startup.

We want to thank everyone who has participated in the activities and the results: employers, researchers, companies, organizations and the entire CTTi team.



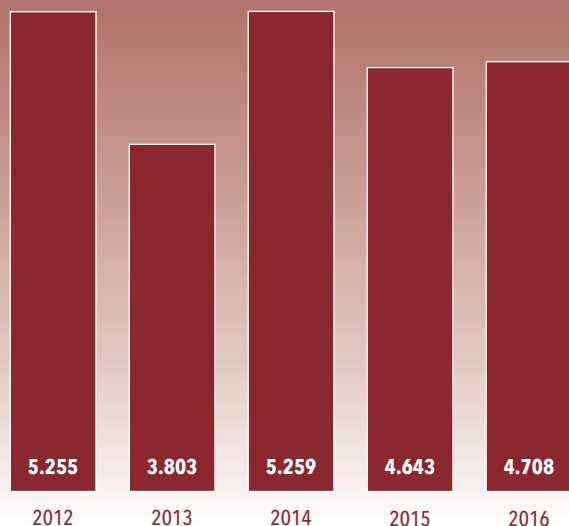
UNIVERSITAT
ROVIRA I VIRGILI
Fundació URV

Centre de Transferència de
Tecnologia i Innovació

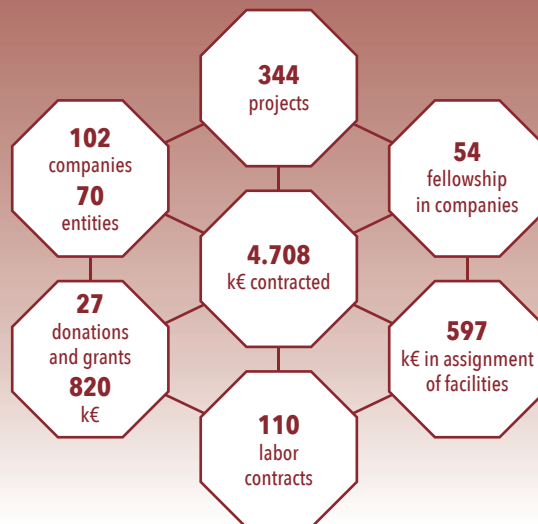


CONTRACTING OF TECHNOLOGY AND KNOWLEDGE TRANSFER 2016

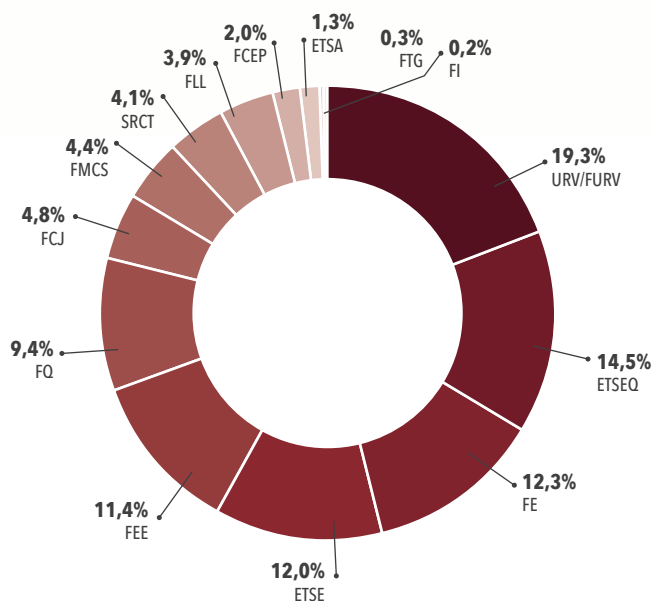
EVOLUTION OF CONTRACTING AMOUNT (k€)



ACTIVITY INDICATORS



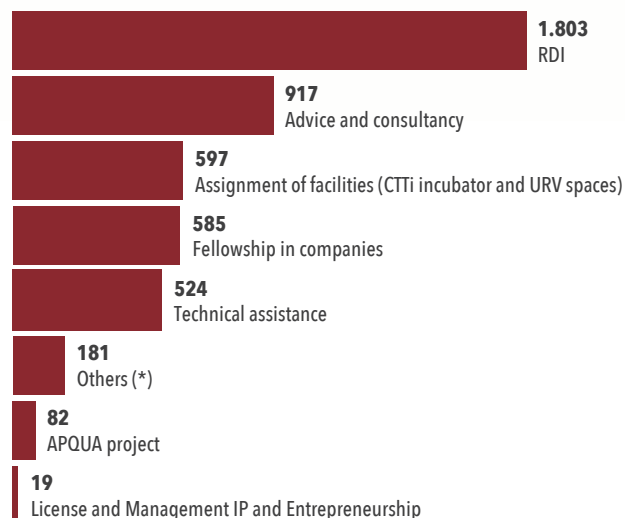
CONTRACTING BY CENTER



URV/FURV*	FURV management projects
ETSEQ	Higher Technical School of Chemical Engineering
FE	Faculty of Oenology
ETSE	School of Engineering
FEE	Faculty of Economics and Business
FQ	Faculty of Chemistry
FCJ	Faculty of Legal Sciences
FMCS	Faculty of Medicine and Health Sciences
SRCT	Scientific and Technical Resources Services
FLL	Faculty of Arts
FCEP	Faculty of Education Sciences and Psychology
ETSA	School of Architecture
FTG	Faculty of Tourism and Geography
FI	Faculty of Nursing

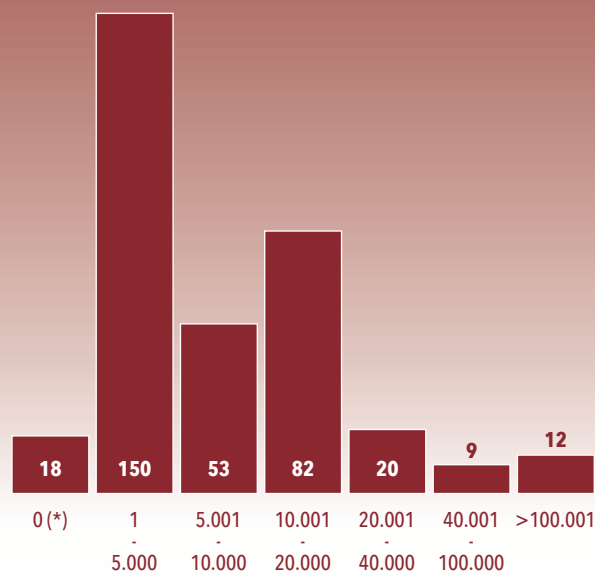
*URV/FURV - includes URV projects managed by the FURV-CTTi (Tarragona Region of Knowledge, licenses and royalties), CTTi's own projects and space management.

CONTRACTED AMOUNT BY TYPE OF PROJECT



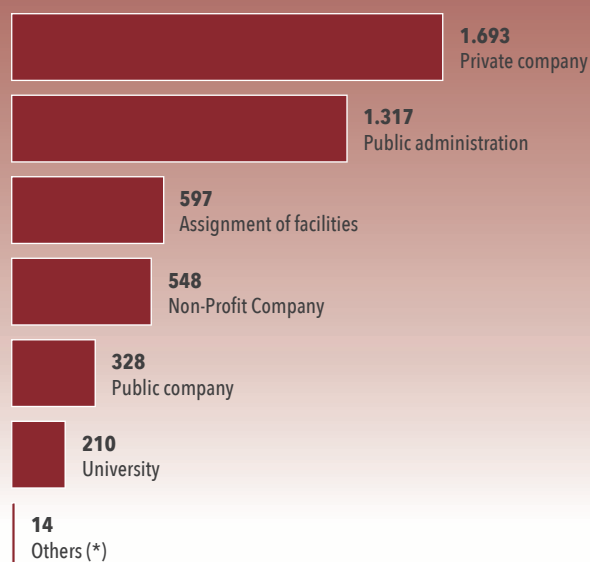
*Others - sale of wine, scientific divulgation, ...
(Amounts in thousands of €)

DISTRIBUTION OF NUMBER OF CONTRACTS BY AMOUNT (€)



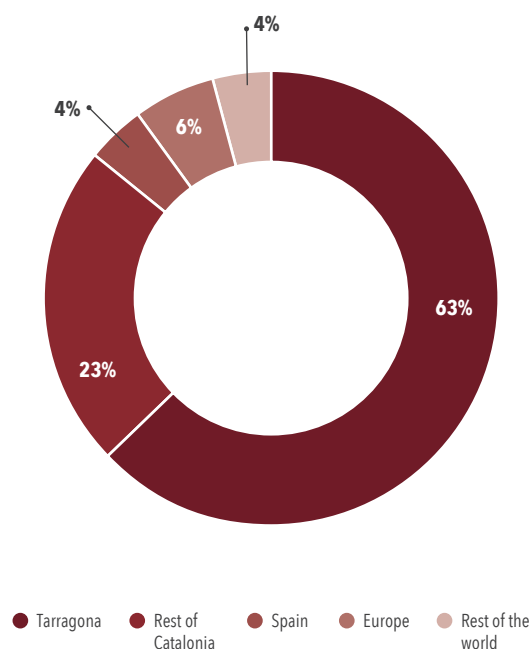
(*) - collaboration agreements without economic amount

CONTRACTED AMOUNT BY TYPE OF ENTITY (k€)



*Others - individuals, associations, cooperatives,...

CONTRACTING AMOUNT BY GEOGRAPHICAL ORIGIN



DONATIONS AND GRANTS

In 2016 a total of **27 grants/donations** were received from private companies and the public administration, with a total contracted amount of € 820,000. Among the grants awarded are the following:

- Funding for the **recruitment of beneficiaries of the youth guarantee program** in Catalonia, awarded by the Employment Service of Catalonia with the co-financing of the European Social Fund. This funding has made it possible to recruit 10 young people for a period of 6 months.
- 6 projects with the help of the **Provincial Council of Tarragona**, among them the projects of the Tarragona Region of Knowledge Office and the Communication of Science, and the support given to the Chair of Innovation and URV Emprèn.
- R2B grants. Seven projects have been carried out: 3 from the 2015 call and 4 from the 2016 call.
- Funding from the Integral Program for the Promotion of Entrepreneurship, part of the Catalunya Emprèn Program awarded to URV Emprèn.
- Funding from the European Institute of Innovation and Technology (EIT), part of **Horizon 2020**, to improve the CreatSens technology, a novel platform for healthcare at home, and assist in the creation of a URV spin-off.
- Funding from the US organization Animal and Plant Health Inspection Service for the project "Detection via volatile organic compounds of tuberculosis in wild and domestic swine".
- Funding from the La Caixa Foundation for research into child pain.
- Funding from the last call of Tecniospring, an ACCIÓ programme.

THE URV VALORIZATION AND COMMERCIALIZATION UNIT

The Technology Transfer and Innovation Center is the **URV Valorization and Commercialization Unit (UV-URV)** and is part of the Network of Valorization Units of ACCIÓ.

The UV-URV commercializes the industrial and intellectual property of the URV by protecting and valorizing its assets so that they can be licensed or spin-offs created.



INTELLECTUAL PROPERTY (IP)

The IP area exploits the intellectual property rights of the URV community, advising and supporting the protection and exploitation of the research results.

Its main objectives are to sensitize the URV community, to monitor RDI activities, to identify those results that can be protected and transferred to society through licensing or the creation of a spin-off.

In 2016, 7 licenses were signed and the royalties total amount income was € 19,114.

2016 INDICATORS

29 INVENTION COMMUNICATIONS

13 INTERNATIONAL PATENT APPLICATIONS ON BEHALF OF THE URV (PCT, EXTENSIONS...)

7 LICENSE AGREEMENTS

5 PRIORITY PATENT APPLICATIONS ON BEHALF OF THE URV

3 WORKS DEPOSITED IN THE IDEPOT OF THE BENELUX OFFICE FOR INTELLECTUAL PROPERTY

ENTREPRENEURSHIP

The URV has promoted the **URV Emprèn** project, which combines the activities of the Chair for the Promotion of Entrepreneurship and the Creation of Companies and those of the CTTi Entrepreneurship area of the URV Foundation. URV Emprèn offers integral support to entrepreneurs, which includes the protection of industrial and intellectual property, the valorization of technology and the creation of companies. It also works to promote entrepreneurship among members of the URV community (teaching and research staff, administrative and service staff, students and graduates) and offers

support to obtain funding (prizes, grants, etc.).

In 2016, the project **INCUBALIA**, of the company Ginovart & Monclús Engineers, S. L. U., was recognized as a URV startup. This project has a high technological component and specializes in the creation of online businesses through Prestashop, one of the most important e-commerce platforms in the world.

More information: <https://incubalia.com/>

2016 INDICATORS

46 URV EMPREN DETECTIONS

12 DETECTIONS EVALUATED BY UV-URV

1 RECOGNIZED STARTUP

 **More information:** www.fundacio.urv.cat/centre_de_transferencia/urv-empren/

URV TECHNOLOGY AND KNOWLEDGE OFFER

The URV's technology and knowledge offer is made available to society through the INNOGET platform. The main objective of this platform is to disseminate at the national and international level the supply of technology by companies and research organizations and link it with the demand for RDI technologies and services.

 **More information:** <http://fundacio-urv.innoget.com/>

The skills and services of the URV research groups are presented in the Catalog of the Scientific and Technical Offer of the URV, which can be consulted on the FURV website.

 **More information:** www.fundacio.urv.cat/transfer

TECNIO FACILITATOR ORGANIZATION

The CTTi was accredited in 2015 as a TECNIO facilitator. This distinction identifies the CTTi as an organization in which companies can find new technologies for their new product and process development needs, whether through the acquisition or exploitation of patents, the contracting of RDI projects or contact with spin-off companies.




OTHER ACTIVITIES

BUSINESS INCUBATOR AND ASSIGNMENT OF FACILITIES

The CTTi has offices and laboratories to house the spin-offs that are generated by the URV and those companies that wish to outsource RDI activities and need demonstration facilities and pilot plants. The laboratories are designed to offer maximum flexibility and aim to satisfy a wide range of needs.

The offices are fully equipped and have access to caretakers, meeting rooms, photocopiers and printers, and space for presentations.

There are also two multimedia rooms and an auditorium equipped for courses, seminars, commercial presentations and other activities.

 **More information:** www.fundacio.urv.cat/centre_de_transferencia/cessio_espais/

PARTICIPATION IN CLUSTERS

The CTTi participates and collaborates, by order of the URV, in the following clusters:

**Innovi
AEI**

Wine cluster

**Nutrition and
Health
AEI**

Cluster of companies in
the health and nutrition
sector

**AEI
TIC Catalunya
Sur**

Cluster of the information
and communication
technologies sector of Reus
and Camp of Tarragona

NETWORK PARTICIPATION

The CTTi is a member of the following networks:

RedOTRI

*Research Results
Transfer Offices
Network*

**Valorization Unit
Network**

ACCIÓ

COMMUNICATION AND DISSEMINATION ACTIVITIES

The **CTTi Newsletter** is published and emailed monthly. It includes the calls for funding, proposals and requests for business projects, announcements of fairs and technology days, as well as any other activity, regulations, etc. that may be of interest.


The subscription can be made from the Newsletter itself.  **More information:** www.fundacio.urv.cat/centre_de_transferencia/publicacions/

QUALITY

In February 2017, CTTi successfully passed the audit of the Integrated Management System for Quality and RDI Management, in accordance with **ISO 9001: 2015** and **UNE 166.002: 2014**, respectively. The CTTi of the FURV is the first center in the country that has this integrated management system, which improves, organizes and systematizes the activities carried out.

Every year the CTTi collects the opinions of internal (PDI) and external customers (companies and other entities), as well as its own staff, so that it can continue to guarantee an optimal management service that responds to the demands and expectations of clients and continuously improves the services it offers.



 **Contact address:** qualitat.ctti@fundacio.urv.cat

TRANSPARENCY

Following the approval of Law 19/2013 on transparency, access to public information and good governance, of December 9, and Law 19/2014 on Transparency, Access to Public Information and Good Government, of December 29, in September 2015 the FURV launched its **Transparency Portal**. The content of the portal is updated periodically to comply with current legislation.

 **More information:** www.fundacio.urv.cat/furv/portal-de-transparencia/

LOPD

The CTTi obeys with the regulations for the protection of personal data since its implementation in 2008.

 **More information:** www.fundacio.urv.cat/nota-legal/

CTTi 2016

CLIENTS

- 2BIND GMBH
- ACTIVA MUTUA 2008
- AFINITICA TECHNOLOGIES SL
- AGÈNCIA CATALANA DE COOPERACIÓ AL DESENVOLUPAMENT
- AGÈNCIA CATALANA DE L'AIGUA
- AGÈNCIA CATALANA PATRIMONI CULTURAL
- AGÈNCIA DE QUALITAT I AVALUACIÓ SANITÀRIES DE CATALUNYA
- AGÈNCIA DE SALUT PÚBLICA DE BARCELONA
- AGÈNCIA DE SUPORT A L'EMPRESA CATALANA (ACCIÓ)
- AGROLAB IBÉRICA, SLU
- AGULLADOLÇ SL
- AJUNTAMENT DE CABANES
- AJUNTAMENT DE LA POBLA DE MAFUMET
- AJUNTAMENT DE L'AMPOLLA
- AJUNTAMENT DE MONT-ROIG DEL CAMP
- AJUNTAMENT DE REUS
- AJUNTAMENT DE RODA DE BERA
- AJUNTAMENT DE SALOU
- AJUNTAMENT DE TARRAGONA
- AJUNTAMENT DE TORTOSA
- AJUNTAMENT DE VALLS
- AJUNTAMENT DE VILAFRANCA DEL PENEDÈS
- AJUNTAMENT DE VILA-SECA
- ALTAM AUTOMOTIVE, SL
- ANIMAL AND PLANT HEALTH INSPECTION SERVICE
- APARCAMENTS MUNICIPALS TARRAGONA, SA
- ASOCIACIÓN DE BODEGAS DE RIOJA ALAVESA, ABRA
- ASOCIACIÓN DE USUARIOS DE BANCOS, CAJAS Y SEGUROS - ADICAE
- ASOCIACIÓN NAC. DE FABRICANTES DE CONSERVAS DE PESCADOS Y MARISCOS (ANFACO)
- ASSOCIACIÓ ASPERGER DEL CAMP DE TARRAGONA, ASPERCAMP
- ASSOCIACIÓ CATALANA DE MUNICIPIS I COMARQUES
- ASSOCIACIÓ CATALANA D'UNIVERSITATS PÚBLIQUES
- ASSOCIACIÓ EMPRESARIAL QUÍMICA DE TARRAGONA (AEQT)
- ATENCIO PRIMARIA ALT CAMP
- AUDITEL INGENIERIA Y SERVICIOS, SL
- AUTORITAT PORTUÀRIA DE TARRAGONA
- AYUNTAMIENTO DE MADRID
- BANC DE SANG I TEIXITS
- BASELL POLIOLEFINAS IBERICA, SL
- BASF ESPAÑOLA, S.L.
- BASF SONATRACH PROPANCHER SA
- BETHEBESTYOU, SL
- BIC GRAPHIC EUROPE, SA
- BIOLAFFORT
- BIOME MAKERS SPAIN SL
- BODEGAS COOPERATIVAS DE ALICANTE SCOOP
- C.P. AMATISTA
- C.P. ESMERALDA
- CAL CHARLOTTE SL
- CAMBRA OFICIAL DE COMERÇ, INDÚSTRIA I NAVEGACIÓ DE TARRAGONA
- CAPITAL Y DESARROLLO, SL
- CARESTREAM HEALTH SPAIN, SA
- CARLOS CASTILLA INGENIEROS, SA
- CAVAS DEL CASTILLO DE PERELADA, SA
- CENTRE TECNOLÒGIC DE LA QUÍMICA DE CATALUNYA (CTQC)
- CERTIFICACIÓN Y CONFIANZA CÁMARA, SLU
- CLARANT IBERICA PRODUCCIÓN, SA
- CLIMA AMBIENT M. ALCOVER, SL
- CLÍNICA DENTAL BEATRIZ GALLARDO BOLDO
- CLÍNICA DENTAL DRA. Mª CARMEN ROIG FORCADELL
- CLÍNICA DENTAL ECONOMIC, SCP
- CLÍNICA SALUS MENORCA, SL
- CLÍNICA VETERINARIA MONTVET SL
- COL·LEGI D'ARQUITECTES DE CATALUNYA
- COMUNITAT DE REGANTS
- CONSEJO REGULADOR DE LA DENOMINACIÓN ESPECÍFICA DE EL HIERRO
- CONSELL REGULADOR DE LA DO DEL MONTSANT
- CONSELL REGULADOR DE LA DOQ PRIORAT
- CONSELL REGULADOR DEL CAVA
- CONSORCI D'AIGÜES DE TARRAGONA
- CONSORCI PER A L'ATENCIÓ SOCIAL I A LA DEPENDÈNCIA XARXA STA TECLA
- COORDINADORA CATALANA DE FUNDACIONS
- COVESTRO, SL
- CREACIONES AROMÁTICAS INDUSTRIALES, SA
- DANSTAR FERMENT AG
- DEPARTAMENT DE CULTURA I MITJANS DE COMUNICACIÓ
- DIARI DE TARRAGONA. PROMOTORA MEDITERRÁNEA DE INF. Y COMUNICACIÓN
- DIPUTACIÓ DE BARCELONA
- DIPUTACIÓ DE TARRAGONA
- DOW CHEMICAL IBERICA, SL
- DOW EUROPE GMBH
- ECOTEC ENGINEERS, SLP
- EIFFAGE ENERGIA SLU
- EIMER SISTEMAS AVANZADOS, SL
- EIT HEALTH E.V.
- ELIX POLYMERS, SL
- ELSEVIER B.V.
- EMPRESA DE SERVEIS FÚNEBRES MUNICIPALS DE TARRAGONA SA
- EMPRESA MUNICIPAL MIXTA D'AIGÜES DE TARRAGONA, SA (EMATSA)
- ESTEVE QUÍMICA, SA
- FEDERACIÓN DE EMPRESAS QUÍMICAS Y PLÁSTICOS DE ARAGÓN
- FOREKNOW, INC.
- FUNDACIÓN INTERNACIONAL Y PARA IBEROAMÉRICA DE ADMINISTRACIÓN Y POLÍTICAS PÚBLICAS (FIAPP)
- FUNDACIÓ BANCÀRIA CAIXA D'ESTALVIS I PENSIONS DE BARCELONA
- FUNDACIÓ EL SOLÀ
- FUNDACIÓ ESTELA
- FUNDACIÓ EURECAT
- FUNDACIÓ HOSPITAL SANT PAU I SANTA TECLA
- FUNDACIÓ PARC TECNOLÒGIC DEL VI-VITEC
- FUNDACIÓ PRIVADA INSTITUT CATALÀ D'INVESTIGACIÓ QUÍMICA
- FUNDACIÓ PRIVADA INSTITUT DE RECERCA DE LA SIDA-CAIXA
- FUNDACIÓ PRIVADA INSTITUT D'INVESTIGACIÓ BIOMÈDICA DE BELLVITGE
- FUNDACIÓ PRIVADA REDDIS
- FUNDACIÓ TEKNIKER
- FUNDACIÓN UNIVERSIDAD SAN JORGE
- GERMINA FRUIT SL
- GESTIO PIUS HOSPITAL DE VALLS, SA
- GOBIERNO VASCO. DEPTO. DE EDUCACIÓN, UNIVERSIDADES E INVESTIGACIÓN
- GREEN SMART DATA SL
- HES - SO VALAIS-WALLIS
- HOSPITAL DE TORTOSA VERGE DE LA CINTA
- HOSPITAL UNIVERSITARI DE TARRAGONA JOAN XXIII
- HUAWEI TECHNOLOGIES DÜSSELDORF GmbH
- HYDRA MEDIA ADVERTISING, SL
- IBER ARQUEOLOGIA, PATRIMONI I TURISME, SL
- ICS , ATENCIÓ PRIMÀRIA TERRES DE L'EBRE
- ICS ATENCIÓ PRIMÀRIA DE CAMP DE TARRAGONA
- INSTITUT CATALÀ DEL SÒL (INCASOL)
- INSTITUT DE CULTURA DE BARCELONA
- INSTITUT DE DIAGNÒSTIC PER LA IMATGE
- INSTITUT MUNICIPAL D' INFORMÀTICA DE BARCELONA
- INSTITUT PERE MATA, SA
- INSTITUT RAMON MUNTANER - FUND. PRIVADA DE CENTRES D'ESTUDI
- INSTITUTO DE ROBÓTICA PARA LA DEPENDENCIA
- INTEGRACIÓ I GESTIÓ DE RESIDUS SL
- INTELLECT LTD.
- INTERNATIONAL LABOUR OFFICE
- JABIL PACKAGING SOLUTIONS
- JUVE & CAMPS, SA
- LABORATORI ANALÍTIC VALLS, SL
- LABORATORIOS ORDESA, SL
- LAYMATEC TÉCNICAS INDUSTRIALES SL
- LEAR CORPORATION HOLDING SPAIN SLU
- MEDCOM ADVANCE, SA
- MEDITERRANEA BEACH AND GOLF COMMUNITY, SAU
- MINISTERIO DE AGRICULTURA, ALIMENTACIÓN Y MEDIO AMBIENTE
- MURALLS SALUT SLP
- MUSEU D'HISTÒRIA DE L'AJUNTAMENT DE TARRAGONA
- MVCLINIC CB
- NESTLÉ ESPAÑA, SA
- OENOPPIA
- P3E INTERNATIONAL ENGINEERING CONSULTING SL
- PERITACIONES DE SEGUROS CALZADO & ASOCIADOS, SL
- PLASTICSEUROPE AISBL
- PRODUCTOS AGROVIN, SA
- PROTEUS DIAGNOSTICS, SL
- RB BERTOMEU
- REPSOL PETRÓLEO, SA
- REPSOL QUÍMICA, SA
- RICART, SL
- S.E. DE CARBUROS METÁLICOS, SA
- SARPI CONSTANTÍ, SLU
- SCHWARTZ HAUTMONT CM, SA
- SCIAE DU BERRY S.A.S.
- SCYTL SECURE ELECTRONIC VOTING, SA
- SERVEI CATALÀ DE LA SALUT
- SERVEIS D'INCINERACIÓ DE RESIDUS URBANS, SA
- SGS ICS IBÉRICA, SA
- SIMPPLE SL
- SISTEMA D'EMERGÈNCIES MÈDIQUES, SA
- TECNOCONTROL SERVICIOS SA
- T-LAB DI LANCIA FRANCO
- TRATAMIENTOS Y RECUPERACIONES INDUSTRIALES, SA (TRISA)
- TREFINOS, SL
- UNIO CORPORACIÓ ALIMENTÀRIA SCCL
- UNIVERSITAT AUTÒNOMA DE BARCELONA
- UTE EBRE- FLIX
- VERALLIA SPAIN, SA
- W3IS2- INTERNET SOLUTIONS & INFORMATION SYSTEMS, SL
- WHAT ABOUT TECHNOLOGIES SL
- YTC AMERICA INC.

Contact

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