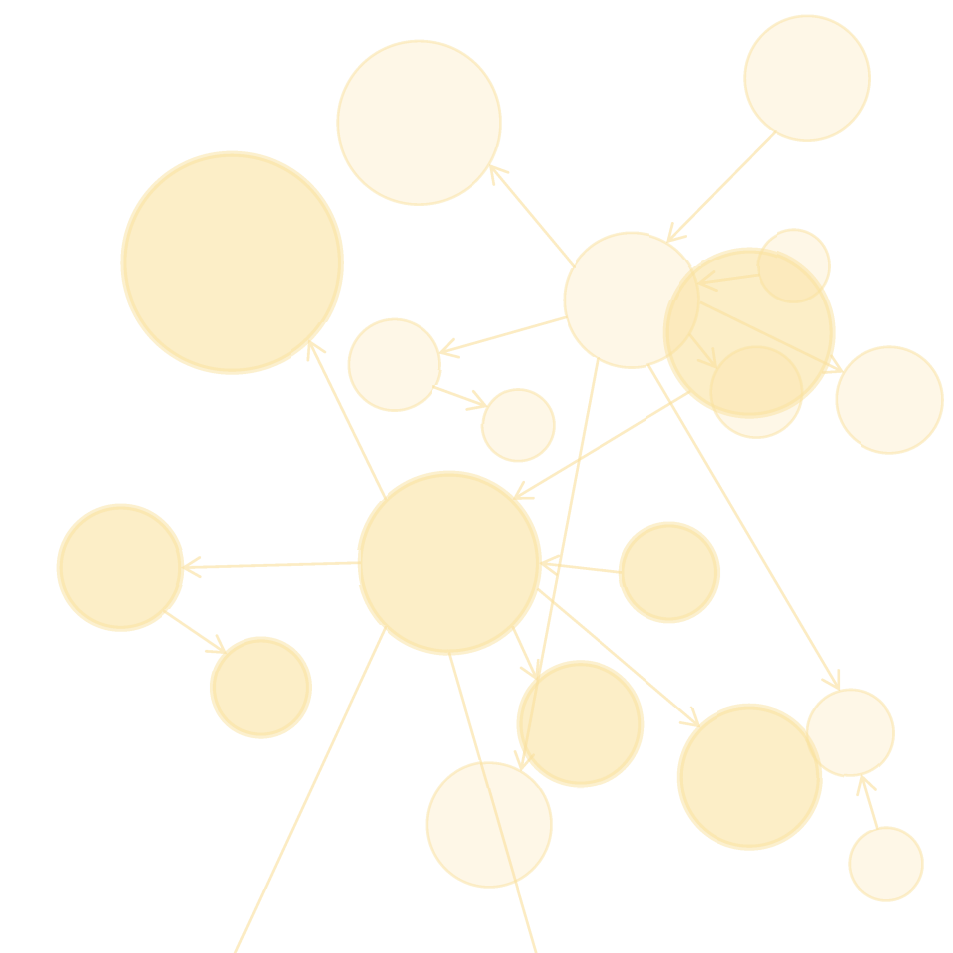




**Catalogue of
Nanoscience &
Nanotechnology
Companies in Spain
2015**



Catalogue of Nanoscience & Nanotechnology Companies in Spain

Version 5.0

Index

5 Introduction

7 N&N Companies in Spain

67 Statistics

73 Other Tech Transfer Institutions in Spain

This catalogue: (version 5.0, updated December 2014), compiled by the Phantoms Foundation (coordinator of the Spanish Nanotechnology Plan funded by ICEX), provides a general overview of the Nanoscience and Nanotechnology companies (109) in Spain and in particular the importance of this market research, etc.



The Phantoms Foundation based in Madrid, Spain, focuses its activities on Nanoscience and Nanotechnology (N&N) and is now a key actor in structuring and fostering European Excellence and enhancing collaborations in these fields. The Phantoms Foundation, a non-profit organisation, gives high level management profile to National and European scientific projects and provides an innovative platform for dissemination, transfer and transformation of basic nanoscience knowledge, strengthening interdisciplinary research in nanoscience and nanotechnology and catalysing collaboration among international research groups.

The Foundation also works in close collaboration with Spanish and European Governmental Institutions to provide focused reports on N&N related research areas (infrastructure needs, emerging research, etc.).

The NanoSpain Network - www.nanospain.org - (coordinated by the Phantoms Foundation and the Spanish National Research Council (CSIC)) scheme aims to promote Spanish science and research through a multi-national networking action and to stimulate commercial Nanotechnology applications. NanoSpain involves about 342 research groups and companies around 2500 researchers, technicians, etc.

The Phantoms Foundation received in 2013 the official recognition as Lead Collaborator of ICEX, Spain Export and investments, since 2008 is coordinator of the Spanish Nanotechnology Plan funded by ICEX, under the program España, Technology for Life, to enhance the promotion in foreign markets of Spain's more Innovative and

leading industrial technologies and products in order to:



1. Represent the scientific, technological and innovative agents of the country as a whole.
2. Foster relationships with other markets/countries.
3. Promote country culture of innovation.
4. Better integrate the Spanish "Science - Technology - Company - Society" system in other countries.
5. Generate and develop scientific and technological knowledge.
6. Improve competitiveness and contribute to the economic and social development of Spain.



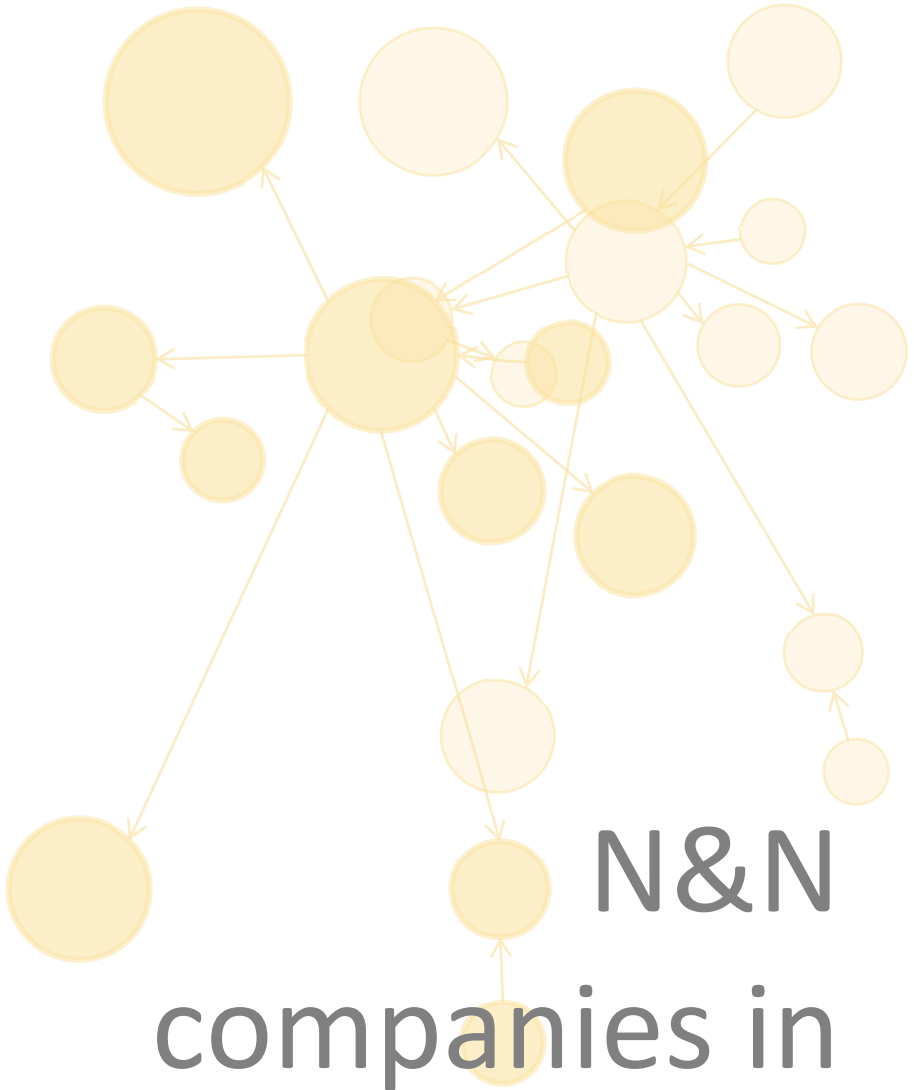
ICEX Spain Trade and Investment - www.icex.es - in collaboration with the Trade Commissions of Spain and assisted by the network of Spanish Embassy's Economic and Commercial Offices and, within Spain, by the Regional and Territorial Offices, are serving Spanish companies to promote their exports and facilitate their international expansion. ICEX Spain Trade and Investment is part of the Spain's Ministry of Economy and Competitiveness.

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Note: Despite all the efforts of having updated information, errors and omissions may occur. If your public facility is not included or you are willing to update the data, please contact: info@phantomsnet.net.



N&N
companies in
Spain

MAIN RESEARCH AREAS

Companies 109 (as of December, 2014)

	Carbon nanofibres	Drug delivery &/or Discovery	Encapsulation (Micro / Nano)	Energy	Graphene	Manufacturing	Microsensors	Microwires / Nanowires	Modeling/Simulation/Soft.	Nanobio	Nanochemistry	Nanoclays	Nanocoating	Nanocomposites	Nanoelec. / Molecular Electr.	Nanofabrication	Nanomagnetism / Spintronics	Nanomaterials	Nanomedicine	Nanometrology	Nanophotonics	Nanoparticles	Nanosensors / Microsensors	Nanotoxicology	Nanotubes	Project Management	SPM	
3P BIOPHARMACEUTICALS																												
4ZTEK																												
ACCIONA INFRAESTRUCTURA																												
ADVANCED DISPERSED PARTICLES S.L.																												
ADVANCED NANOTECHNOLOGIES S.L.																												
AGROINDUSTRIAL KIMITEC																												
AIRBUS OPERATIONS S. L.																												
APPLIED MASS SPECTROSCOPY LABORATORY S.L.																												
APPLIED RESEARCH USING OMIC SCIENCES S.L.																												
JARAGONESA DE COMPONENTES PASIVOS																												
ARQUEBIO S.L.																												
ATOS ORIGIN																												
AVANZARE INNOVACION TECNOLOGICA S. L.																												
AXEB BIOTECH S.L.																												
BICOSOME S.L.																												
BIOBIDE S.L.																												
BIOINICIA S.L.																												
BIOMOL INFORMATICS																												
BIONANOPLUS S.L.																												
CAPHER IDI S.L.																												
CELEROMICS																												
CEMENTOS PORTLAND VALDERRIVAS GROUP																												
CIDETE INGENIEROS S. L.																												
COLOR ESMALT S.A.																												
COSIGNO																												
CTEChano																												
DAS-NANO S.L.																												
DAS PHOTONICS																												
DATAPIXEL S. L.																												
DIOMUNE S.L.																												
DROPSSENS S. L.																												
DYNASOL ELASTOMEROS																												
EFICIENCIA ENERGETICA APLICADA S.L.																												
EKOEASO S. L.																												
EMFUTUR TECHNOLOGIES																												
EM-SILICON NANOTECHNOLOGIES S.L.																												
ENDOR NANOTECHNOLOGIES																												
FAGOR AUTOMOTION KOOP. E																												
FOTOGLOSS																												
FUNDACION LUREDERRA																												

TABLE 1. Companies versus Main Research Areas in N&N

N&N Companies in Spain

MAIN RESEARCH AREAS

Companies 109 (as of December, 2014)

	Carbon nanofibres	Drug delivery &/or Discovery Encapsulation (Micro / Nano)	Energy	Graphene	Manufacturing	Microsensors	Microwires / Nanowires	Modelling/Simulation/Soft. Nanobio	Nanochemistry	Nanoclays	Nanocoating	Nanocomposites	Nanoelec. / Molecular Electr.	Nanofabrication	Nanomagnetism / Spintronics	Nanomaterials	Nanomedicine	Nanometrology	Nanophotonics	Nanoparticles	Nanosensors / Microsensors	Nanotoxicology	Nanotubes	Project Management	SPM
FUNDACION PHANTOMS																									
FUNDACIONES DEL ESTANDA S.A.																									
GOLDEMAR SOLUTIONS S.L.																									
GP PHARM																									
GRAFETECH EUROPE S.L.																									
GRAPHENANO S.L.																									
GRAPHENEA S.A.																									
GRAPHENELIGHT																									
GRUPO ANTOLIN - ACM ADVANCED CARBON MATERIALS.																									
HTS / EGILE CORPORATION																									
ICON NANOTECH																									
INAE ELECTRICAL SYSTEMS																									
INDUSTRIAL QUÍMICA DEL NALÓN S.A.																									
INGENIATRICS TECNOLOGIAS S. L.																									
INGENIEROS ASESORES / ELVIRA SOSTENIBLE																									
INKOA SISTEMAS																									
INNOVATEC SENSORIZACION Y COM. S. L.																									
INTERQUIMICA																									
IUCT S.A.																									
LABORATORIOS ALPHASIP																									
LABORATORIOS ARGENOL S. L.																									
LAIMAT SOLUCIONES CIENTIFICO TECNICAS																									
MECWINS S.L.																									
MICRUX TECHNOLOGIES																									
NADETECH INNOVATIONS																									
NANO4ENERGY SLNE																									
NANOBIO MATTERS INDUSTRIES S.L.																									
NANOGAP SUB-NM-POWDER S.A.																									
NANOINMUNOTECH S. L.																									
NANOINNOVA TECHNOLOGIES S.L.																									
NANOINORGANIC AND MAGNETIC PARTICLES S.L. -NANOINMAG																									
NANOKER RESEARCH S.L.																									
NANOMYP®																									
NANOQUIMIA S.L.																									

TABLE 2. Companies versus Main Research Areas in N&N

MAIN RESEARCH AREAS

Companies 109 (as of December, 2014)

	Carbon nanofibres	Drug delivery &/or Discovery	Encapsulation (Micro / Nano)	Energy	Graphene	Manufacturing	Microsensors	Microwires / Nanowires	Modelling/Simulation/Soft.	Nanobio	Nanochemistry	Nanoclays	Nanocoating	Nanocomposites	Nanoelec. / Molecular Electr.	Nanofabrication	Nanomagnetism / Spintronics	Nanomaterials	Nanomedicine	Nanometrology	Nanophotonics	Nanoparticles	Nanosensors / Microsensors	Nanotoxicology	Nanotubes	Project Management	SPM	
NANORIOJA S.L.																												
NANOTECNOLOGIA SPAIN S. L.																												
NANOZAR S.L.																												
NB NANOSCALE BIOMAGNETICS																												
NEOKER S.L.																												
NEW LEAP ENERGY																												
NEXT-TIP S.L.																												
NUREL S.A.																												
OPERON S. A.																												
PHARMAMODELLING S.L.																												
POLIFLUOR																												
RAMEM S.A.																												
REINER MICROTEK S.L.																												
REPSOL YPF (DIRECCION DE TECNOLOGIA)																												
SCIENTIFICA INTERNATIONAL, S.L.L.																												
SENSIA S.L.																												
SGENIA S.L.																												
SIMUNE ATOMMISTICS S.L.																												
SINATEC S.L.																												
SOLUCIONES NANOTECNOLOGICAS S.L.																												
TAMAG IBERICA S.L.																												
TECNICAS REUNIDAS																												
TEC. NAVARRA DE NANOPROD. (TECNAN)																												
TECNOPACKAGING S.L.																												
THREELOP NANOTECHNOLOGY																												
TOLSA S. A.																												
TORRECID S.A.																												
TRIMEK S. A.																												
UNIMETRIK S. A.																												
VLC PHOTONICS S.L.																												
WSM SOLUTIONS																												
XEROLUTIONS S.L.																												
YELLOW SISTEMAS Y DESARROLLOS S.L.																												
ZF BIOLABS																												
TOTAL (3 tables)	1	10	9	5	16	13	2	4	7	26	9	5	17	30	4	18	5	44	21	5	4	27	18	4	9	5	4	

TABLE 3. Companies versus Main Research Areas in N&N



3P BIOPHARMACEUTICALS S.L.



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P. I. Mocholi, C/ Mocholi, 2
31110 Noain - Navarra
+34 948346480
2006



Main Research Areas

Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

11
5



No. of funded projects in the last three years

9 National and 2 European



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42TEK



Address
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C/ San Idelfonso, 68
12550 Almazora - Castellón
+34 964030703
2012



Main Research Areas

Microsensors, Nanobio, Nanochemistry,
Nanomaterials, Nanomedicine,
Nanoparticles, Nanosensors and
Nanotoxicology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
50



No. of funded projects in the last three years
No. of patents in the last three years

1 European
1



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ACCIONA INFRAESTRUCTURA



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+34 917912020
1992



Main Research Areas

Nanocoating, Nanocomposites and
Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

152
10



No. of patents in the last three years

13



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ADVANCED DISPERSED PARTICLES S.L.



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Genova, 7 5ª Izqda
28004 Madrid
+34 917022682
2011



Main Research Areas

Nanocomposites



% Nanoscience and Nanotechnology (R&D)

100



No. of patents in the last three years

2



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ADVANCED NANOTECHNOLOGIES S.L.



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08007 Barcelona
+34 686459219, +34 936674863
2012



Main Research Areas

Encapsulation, Energy, Graphene,
Manufacturing, Nanocoating,
Nanomaterials, Nanophotonics,
Nanoparticles and Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

7
100



No. of funded projects in the last three years
No. of patents in the last three years

1 National
6



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04721 El Parador de Roquetas del Mar
Almería
+34 950366241
2010



Main Research Areas

Nanobio and Nanochemistry



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

15
2



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AIRBUS OPERATIONS S.L.



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2000



Main Research Areas

Graphene, Nanocomposites and
Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

~60 (full time) more employees (partially)
<5



No. of funded projects in the last three years

2 National and 2 European



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ALAVA INGENIEROS



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APPLIED MASS SPECTROMETRY LABORATORY S.L.



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2008



Main Research Areas

Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
5



No. of funded projects in the last three years

2 National and 2 European



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APPLIED RESEARCH USING OMIC SCIENCES S.L.



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Victor Pradera, 45
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2005



Main Research Areas

Nanobio, Nanomedicine and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
15



No. of funded projects in the last three years

3 National and 5 European



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50500 Tarazona - Zaragoza
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1988



Main Research Areas

Nanomagnetism/Spintronics,
Nanomaterials and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
3



No. of patents in the last three years

1



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ARQUEBIO S.L.



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08193 Bellaterra - Cerdanyola del Vallès
+34 935868960
2007



Main Research Areas

Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
2



No. of funded projects in the last three years

1 National and 2 European



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ATOS ORIGIN S.A.E.



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C/ Albarracín, 25
28037 Madrid
+34 912148800
1987



Main Research Areas

Bioinformatics,
Modelling/Simulation/Software,
Nanomedicine, Nanoparticles and Project
Management



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
3



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AVANZARE INNOVACION TECNOLOGICA S.L.

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26370 Navarrete - La Rioja
+34 941587027
2005



Main Research Areas

Graphene, Nanocomposites,
Nanomaterials, Nanoparticles and
Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

17
100



No. of funded projects in the last three years
No. of patents in the last three years

2 National and 11 European
11



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AXEB BIOTECH S.L.



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Parque Científico y Tecnológico
Agroalimentario de Lleida (PCiTAL), Parc
de Gardeny, Edificio H3, Planta 2-B, 25003
Lleida
+34 973272508
2007



Main Research Areas

Agrochemical delivery, Nanoencapsulation



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
5



No. funded projects in the last three years

2 National



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BICOSOME S.L.



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C/ Jordi Girona, 18 - 26
08034 Barcelona
+ 34 934006100 ext. 2106
2012



Main Research Areas

Encapsulation, Skin Delivery, Drug
Delivery, Dermopharmacy, Nanomedicine
and Cosmetics



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
100



No. of funded projects in the last three years
No. of patents in the last three years

3 National
1



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BIOBIDE S.L.



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Mikeletegi 58, bajo
20009 San Sebastián
+34 943309360
2005



Main Research Areas

Nanomaterials and Nanotoxicology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

18
10



No. funded projects in the last three years

4 National and 1 European



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BIOINICIA S.L.



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+34 600895902
2009



Main Research Areas

Electrospray & Electrospinning and
Nanofabrication



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
100



No. of funded projects in the last three years

1 European



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BIOMOL INFORMATICS S.L.



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28049 Madrid
+34 918279767
2007



Main Research Areas

Computational simulation of molecular dynamics of protein based biopolymers



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

9
40



No. of funded projects in the last three years

1 National and 2 European



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BIONANOPLUS
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31110 Noain - Navarra
+34 948103926
2010



Main Research Areas

Drug Delivery, Encapsulation,
Nanomedicine and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
85



No. of funded projects in the last three years
No. of Patents in the last three years

3 National
2



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CAPHER IDI S.L.



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2009



Main Research Areas

Nanobio, Nanomaterials, Nanoparticles
and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
75



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CELEROMICS TECHNOLOGIES S.L.



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46980 Paterna - Valencia
+34 961825005
2009



Main Research Areas

Instrumentation for microbiology, for
nanotechnology and for nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3, 5
7



No. of funded projects in the last three years

3 National



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CEMENTOS PORTLAND VALDERRIVAS GROUP



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 <p>Main Research Areas</p>	<p>Nanofabrication and Nanomaterials</p>
 <p>No. of employees in R&D % Nanoscience and Nanotechnology (R&D)</p>	<p>107 10</p>
 <p>No. of funded projects in the last three years No. of Patents in the last three years</p>	<p>16 National 3</p>
 <p>Contact person e-mail WEB site</p>	<p>Serafin Lizarraga serafin.lizarraga@gcpv.com www.valderrivas.es</p>



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 <p>Main Research Areas</p>	<p>Nanoelectronic/Molecular Electronic, Nanomaterials and Nanosensors</p>
 <p>No. of employees in R&D % Nanoscience and Nanotechnology (R&D)</p>	<p>4 60</p>
 <p>No. of funded projects in the last three years</p>	<p>5 European</p>
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COLOR ESMALT S.A.



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+34 976216129
1985



Main Research Areas

Nanocoatings, Nanomaterials and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
40



No. of funded projects in the last three years
No. of Patents in the last three years

2 National
4



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COSINGO.



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08860 Castelldefels - Barcelona
+34 935534148
2008



Main Research Areas

Nanobio, Nanophotonics and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
80



No. of funded projects in the last three years
No. of Patents in the last three years

2 National and 1 European
6



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CTECHnano



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2014



Main Research Areas

Nanocoating



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
100



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DAS-NANO S.L.



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31192 Mutilva Baja - Navarra
+34 948246295
2012



Main Research Areas

Ultramonodispersed Magnetic
Nanoparticles and Hardware Systems.
Graphene Characterization Systems



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

13
100



No. of funded projects in the last three years
No. of Patents in the last three years

2 National
7



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DAS PHOTONICS



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Camino de la Vera s/n. Edif. 8F
46022 Valencia
+34 963556150
2005



Main Research Areas

Medical biological nanosensors,
Nanophotonics for communications for
space applications and Nanosensors for
gases and chemicals



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

34
26



No. of funded projects in the last three years
No. of Patents in the last three years

23 National and 3 European
4



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1999



Main Research Areas

3D optical nanomeasurements,
nanocontrol, 3D optical scanning, virtual
metrology, 3D geometries extraction,
pointcloud management



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

7
80



No. of funded projects in the last three years

11 National and 4 European



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Main Research Areas

Immunomodulation



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
30



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 1 European
1



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DROPSENS S.L.



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2006



Main Research Areas

Nanobio, Nanochemistry, Nanomaterials
and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

9
25



No. of funded projects in the last three years

2 National and 2 European



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DYNASOL ELASTOMEROS



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Main Research Areas

Nanocomposites and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

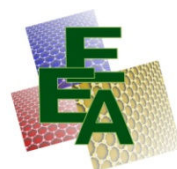
12
5



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2009



Main Research Areas

Graphene, Nanocomposites and
Nanofabrication



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
100



No. of funded projects in the last three years

14 National



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EKOEASO S.L.



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2006



Main Research Areas

Nanocomposites and Nanofabrication



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
100



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EMFUTUR TECHNOLOGIES



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Main Research Areas

Nanomaterials, Catalysis, Hydrid
Advanced Materials, Nanocomposites



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
60



No. of funded projects in the last three years
No. of patents in the last three years

1 National
1



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2009



Main Research Areas

Scalable production of Nanomaterials,
Nanomedicine, Nanocarriers and Optical
tags (security)



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
100



No. of funded projects in the last three years
No. of patents in the last three years

4 National
1



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ENDOR NANOTECHNOLOGIES



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2007



Main Research Areas

Drug delivery and Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
100



No. of patents in the last three years

1



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FAGOR AUTOMATION



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1984



Main Research Areas

Nanometrology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

85
15



No. of funded projects in the last three years
No. of patents in the last three years

7 National and 2 European
5



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2009



Main Research Areas

Photoluminescent materials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
10



No. of funded projects in the last three years
No. of patents in the last three years

1 National
1



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FUNDACION LUREDERRA



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Main Research Areas

Nanoclays, Nanocoatings,
Nanocomposites, Nanomaterials,
Nanoparticles, Nanosensors and
Nanotoxicology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

50
65



No. of funded projects in the last three years
No. of patents in the last three years

22 National and 11 European
3 (5 in progress)



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FUNDACION PHANTOMS



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2002



Main Research Areas

Project Management, Congress and Fair
Organization



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
100



No. of funded projects in the last three years

4 National and 6 European



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1953



Main Research Areas

Nanocoatings for different applications:
cutting tools, patterns in aluminium, steel



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
<5



No. of funded projects in the last three years

1 European



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2011



Main Research Areas

Catalysis, Air purification, Large scale
nanoparticle manufacturing



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
100



No. of funded projects in the last three years
No. of patents in the last three years

4 National
2



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Main Research Areas

Drug Delivery, Encapsulation,
Manufacturing, Oncology and Urology



No. of employees in R&D

11



No. of funded projects in the last three years
No. of patents in the last three years

3 National
4



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GRAFETECH EUROPE S.L.



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2014



Main Research Areas

Nanocoating, Nanocomposites,
Nanomaterials, Nanoparticles,
Nanofabricationr



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
100



No. of patents in the last three years

1



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GRAPHENANO



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Main Research Areas

Graphene, Graphene Wires, Graphene 3D Pieces, Carbon Nanofibers, Nanogel



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
100



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2010



Main Research Areas

Graphene, Nanochemistry and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

9
100



No. of funded projects in the last three years
No. of patents in the last three years

3 National and 5 European
2



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GRAPHENELIGHT



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2014



Main Research Areas

Research and development of Graphene. Manufacturing of high quality Graphene, specialized in automatized transfer of Graphene layers, Consulting, Research and development and adaption of Graphene applications



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
100



No. of patents in the last three years

1



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GRUPO ANTOLIN – ACM ADVANCED CARBON MATERIALS



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Main Research Areas

Carbon nanofibres, Graphene, Nanocomposites



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

15 With the support of Grupo Antolin, a company with presence in 25 countries and 14,000 employees worldwide
50








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HTS / EGILE CORPORATION



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 <p>Main Research Areas</p>	<p>Nanocomposites and Nanofabrication</p>
 <p>No. of employees in R&D % Nanoscience and Nanotechnology (R&D)</p>	<p>15 20</p>
 <p>No. of funded projects in the last three years</p>	<p>20 National and 4 European</p>
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 <p>Main Research Areas</p>	<p>Nanoparticles, Natural Compounds, Active molecules and Membranes</p>
 <p>No. of employees in R&D % Nanoscience and Nanotechnology (R&D)</p>	<p>3 80</p>
 <p>No. of funded projects in the last three years</p>	<p>3 National</p>
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Main Research Areas

Nanoelectronic/Molecular Electronics,
Nanofabrication and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

22
8



No. of funded projects in the last three years
No. of patents in the last three years

6 National and 3 European
3 pending



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INDUSTRIAL QUÍMICA DEL NALÓN S.A.



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Main Research Areas

Nanofabrication and nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
50



No. of funded projects in the last three years

6 National and 2 European



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Main Research Areas

Microencapsulation, Pharma, Nutrión,
Drug delivery, Nebulizers, Atomization,
Coating, Cell Therapy, Functional foods
and Smart Fabrics



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

18
100



No. of funded projects in the last three years
No. of patents in the last three years

10 National and 1 European
70



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Main Research Areas

Environmental Nanotechnologies,
Nanofabrication and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

15
4



No. of funded projects in the last three years
No. of patents in the last three years

12 National and 1 European
1



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INKOA SISTEMAS



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Main Research Areas

Nanosafety, Nanorelease, LCA, Safety by Design



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

10
3-5



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2006



Main Research Areas

Nanoelectronic/Molecular Electronics and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
70



No. of funded projects in the last three years
No. of patents in the last three years

4 National and 2 European
4



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INTERQUIMICA



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Main Research Areas

Graphene, Nanobio, Nanoclays,
Nanocomposites, Nanomaterials,
Nanomedicine, Nanoparticles and
Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

14
90



No. of funded projects in the last three years
No. of patents in the last three years

3 National and 5 European
1



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IUCT S.A.



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Main Research Areas

Drug discovery, Biotech, Nanocomposites,
Nanofabrication and Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

40
15



No. of funded projects in the last three years
No. of patents in the last three years

9 National and 2 European
11



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LABORATORIOS ALPHASIP



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2009



Main Research Areas

Cleantech, Diagnostic Kits, Nanomedicine,
Nanotubes, Nanowires and System in a
Package



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
90



No. of patents in the last three years

120



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Main Research Areas

Nanobio and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
50



No. of patents in the last three years

1



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2006



Main Research Areas

Drug Delivery, Encapsulation,
Microsensors and Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
80



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mecwins

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2008



Main Research Areas

Nanobio and Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
75



No. of funded projects in the last three years
No. of patents in the last three years

3 National
3



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MICRUX TECHNOLOGIES



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2009



Main Research Areas

Nanomaterials and Nanowires



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
40



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 1 European
1



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NADETECH INNOVATIONS



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2011



Main Research Areas

Electrospinning, Manufacturing,
Nanocoatings and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
50



No. of funded projects in the last three years

2 National



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NANO4ENERGY SLNE



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2011



Main Research Areas

Nanostructure Coatings



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
100



No. of patents in the last three years

2



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2004



Main Research Areas

Nanobio, Nanoclay, Nanocoating,
Nanocomposites and Nanofabrication



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

20
100



No. of funded projects in the last three years
No. of patents in the last three years

4 National and 5 European
10



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NANOGAP SUB-NM-POWDER S.A.



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2006



Main Research Areas

AQCs, Silver Nanoparticles, Silver Nanofibers and Magnetic Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

16
35



No. of patents in the last three years

10



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NANOIMMUNOTECH S.L.



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2009



Main Research Areas

Microsensors, Nanobio, Nanochemistry, Nanomaterials, Nanomedicine, Nanoparticles, Nanosensors, Nanotoxicology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

11
100



No. of patents in the last three years

3



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NANOINNOVA TECHNOLOGIES S.L.



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Main Research Areas

Graphene, Nanosensors and Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
100



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NANOINORGANIC AND MAGNETIC PARTICLES S.L. - NANOINMAG



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2014



Main Research Areas

Nanochemistry, nanofabrication, nanomagnetism, nanomaterials, nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
50



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NANOKER RESEARCH S.L.



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2011



Main Research Areas

Nanobio, Nanocomposites, Nanomaterials
and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
100



No. of patents in the last three years

6



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NANOMYP (NANOMATERIALS AND POLYMERS S.L.)



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2011



Main Research Areas

Drug Delivery, Encapsulation,
Microencapsulation, Nanobio, Nanocoating,
Nanocomposites, Nanomaterials, Nanoparticles
and Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
100



No. of funded projects in the last three years
No. of patents in the last three years

11 National and 3 International
3



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NANOQUIMIA S.L.



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21. C/ Astrónoma Cecilia Payne s/n, Ed.
Aldebarán mod. M4.7 - 14014 Córdoba
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2005



Main Research Areas

Energy, Nanochemistry, Nanocomposites,
Nanomaterials and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
50



No. of funded projects in the last three years

3 National



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NANORIOJA S.L.



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2008



Main Research Areas

Graphene, Nanocomposites and
Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
100



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 1 European
1



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NANOTECNOLOGIA SPAIN S.L.



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2004



Main Research Areas

Nanocomposites and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
100



No. of patents in the last three years

1



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NANOZAR S.L.



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2005



Main Research Areas

Graphene, Nanocoating, Nanocomposites
and Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
100



No. of funded projects in the last three years

1 National and 2 European



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NB NANOSCALE BIOMAGNETICS



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2008



Main Research Areas

Instruments for Magnetic Hyperthermia
(research on magnetic nanoparticles applications)



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

7
100



No. of funded projects in the last three years
No. of patents in the last three years

4 National
1



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NEOKER S.L.



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2008



Main Research Areas

Compounds materials (MMC, PMC, CMC)
and Advanced materials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8
80



No. of funded projects in the last three years
No. of patents in the last three years

4 National and 3 European
8



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NEW LEAP ENERGY



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2011



Main Research Areas

Energy, Graphene, Nanocomposites and Nanowires



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

6
100



No. of patents in the last three years

2



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NEXT-TIP S.L.



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2012



Main Research Areas

SPM Probes



% Nanoscience and Nanotechnology (R&D)

100



No. of patents in the last three years

1



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NUREL

NUREL S.A.



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Main Research Areas

Nanocomposites and Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

9
35



No. of funded projects in the last three years
No. of patents in the last three years

4 National
4



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OPERON S.A.



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Main Research Areas

Nanobio and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

20
9



No. of funded projects in the last three years
No. of patents in the last three years

2 European
2



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PHARMAMODELLING S.L.



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2008



Main Research Areas

Pharmacokinetic & pharmacodynamic
modelling of nanoparticles,
Nanomedicine, pharma and biotech



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

8-10
30



No. of funded projects in the last three years

2 National and 1 European



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Main Research Areas

Nanomaterials



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
30



No. of funded projects in the last three years

2 National



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RAMEM S.A.



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1958



Main Research Areas

Manufacturing, Nanometrology,
Nanoparticles, Nanosensors and Project
Management



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

34
30



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 4 European
4 patents and 1 Utility Model



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REINER MICROTEK S.L.



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2008



Main Research Areas

Nanofabrication and Nanomedicine



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

3
100



No. of funded projects in the last three years

2 National and 1 European



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REPSOL





REPSOL YPF (DIRECCIÓN DE TECNOLOGÍA)

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	Main Research Areas	Materials for Energy, 2D Materials, Nanobio, Nanocomposites and Nanomaterials
	No. of employees in R&D % Nanoscience and Nanotechnology (R&D)	15 <10
	No. of patents in the last three years	2
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SCIENTIFICA

SCIENTIFICA INTERNATIONAL, S.L.U.

	Address Phone Created in	Calle Xixilion 2 bajo, Pabellón 10 20870 Elgoibar - Guipuzcoa +34 943127285 2009
	Main Research Areas	Nanopositioning and Particle detection
	No. of employees in R&D % Nanoscience and Nanotechnology (R&D)	5 80
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SENSIA S.L.



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171. 20180 Oiartzun - Gipuzkoa
2004



Main Research Areas

Nanosensors



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
35



No. of funded projects in the last three years
No. of patents in the last three years

1 National
2



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SGENIA S.L.



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2003



Main Research Areas

Energy, Graphene, Manufacturing,
Modelling/Simulation/Software,
Nanofabrication, Nanosensors and Project
Management



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

15
5



No. of patents in the last three years

2



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SIMUNE ATOMISTICS S.L.



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2014



Main Research Areas

Atomic scale simulations



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
100



No. of funded projects in the last three years

1 National 2 European



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SINATEC S.L.



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11401 Jerez de la Frontera - Cádiz
2007



Main Research Areas

Nanocomposites, Nanomaterials and
Nanotubes



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

11
60



No. of funded projects in the last three years
No. of patents in the last three years

1 European
2



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SOLUCIONES NANOTECNOLÓGICAS S.L. (NANOTEX)



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2004



Main Research Areas

Drug delivery, Manufacturing, Nanobio,
Nanochemistry, Nanofabrication,
Nanomagnetism/Spintronics,
Nanomaterials, Nanomedicine,
Nanoparticles and Soil decontamination



% Nanoscience and Nanotechnology (R&D)

100



No. of patents in the last three years

6



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TAMAG IBERICA S.L.



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2000



Main Research Areas

Microsensors and Microwires



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

1
100



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 1 European
1



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TECNICAS REUNIDAS

TECNICAS REUNIDAS



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1959



Main Research Areas

Synthesis of metallic nanoparticles, nano-oxides and inorganic nano-films from domestic waste materials or/and industrial residue



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

24
5



No. of funded projects in the last three years

6 National and 4 European



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TECNOLOGIA NAVARRA DE NANOPRODUCTOS S.L. (TECNAN)



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2007



Main Research Areas

Nanocoatings, Nanomaterials and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
100



No. of funded projects in the last three years
No. of patents in the last three years

8 National and 12 European
1



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TECNOPACKAGING



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2010



Main Research Areas

Graphene, Nanocomposites,
Nanocompounding, Nanomaterials, Plastic
products and Packaging



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

15
35



No. of funded projects in the last three years
No. of patents in the last three years

4 National and 2 European
1



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THREELOP NANOTECHNOLOGY



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46980 Paterna - Valencia
2007



Main Research Areas

DNA computing



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

4
100



No. of patents in the last three years

20



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N&N Companies in Spain



TOLSA S.A.



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1957 (N&N 2002)



Main Research Areas

Nanoclays, Nanocomposites,
Nanomaterials and Nanoparticles



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

9
30



No. of funded projects in the last three years
No. of patents in the last three years

4 National
4



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TORRECID S.A.



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1963



Main Research Areas

Nanocoatings, Nanoparticles Ceramic
Nanopigments, Inkjet inks



No. of employees in R&D

16



No. of funded projects in the last three years

8 National and 3 European



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TRIMEK

METROLOGICAL ENGINEERING

TRIMEK



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1993



Main Research Areas

Nanomeasurements, nanostages, 3D nanometrology, Virtual Metrology, metrology SW



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

12
70



No. of funded projects in the last three years

10 National and 5 European



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UNIMETRIK S.A.

UNIMETRIK

METROLOGY AND CALIBRATION



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1997



Main Research Areas

Nanometrology, 3D nanocalibration, nanoartifacts, nanoCMM, Virtual Metrology, nanoprobes.



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

5
60



No. of funded projects in the last three years
No. of patents in the last three years

6 National and 3 European
3



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VLC PHOTONICS S.L.



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2011



Main Research Areas

Nanophotonics



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

2
70



No. of funded projects in the last three years
No. of patents in the last three years

1 National and 1 European
1



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WSxM solutions



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2015



Main Research Areas

SPM, nanotechnology, scientific instrumentation, scientific software, custom developments for research



% Nanoscience and Nanotechnology (R&D)

100








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XEROLUTIONS S.L.

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	Main Research Areas	Nanomaterials
	No. of employees in R&D % Nanoscience and Nanotechnology (R&D)	1 100
	No. of funded projects in the last three years No. of patents in the last three years	1 National 1
	Contact person e-mail WEB site	David López García info@xerolutions.com www.xerolutions.com



YFLOW SISTEMAS Y DESARROLLOS S.L.

	Address Phone Created in	Parque Tecnológico de Andalucía. C/ Marie Curie, 4. 29590 Malaga +34 952020370 2001
	Main Research Areas	Encapsulation, Nanoparticles - Nanofibers and Electropray/Electrospinning
	No. of employees in R&D % Nanoscience and Nanotechnology (R&D)	6 80
	No. of patents in the last three years	6
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ZF BIOLABS



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2003



Main Research Areas

Nanobio and Nanotoxicology



No. of employees in R&D
% Nanoscience and Nanotechnology (R&D)

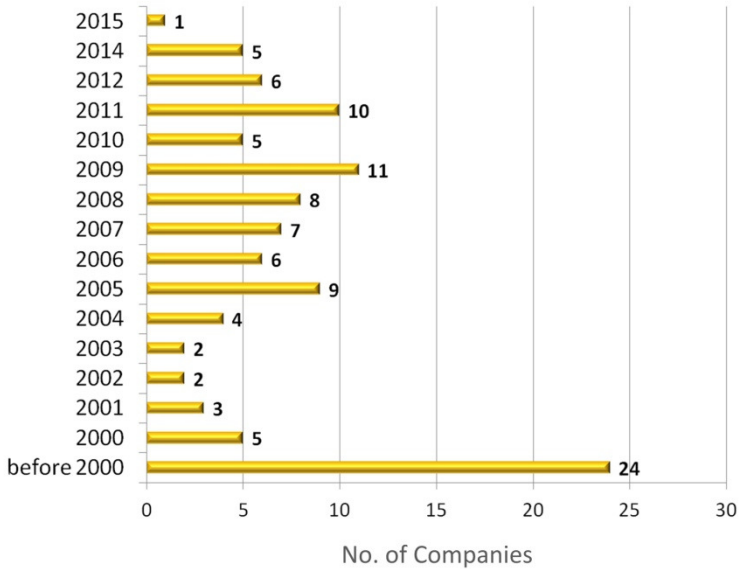
5
10



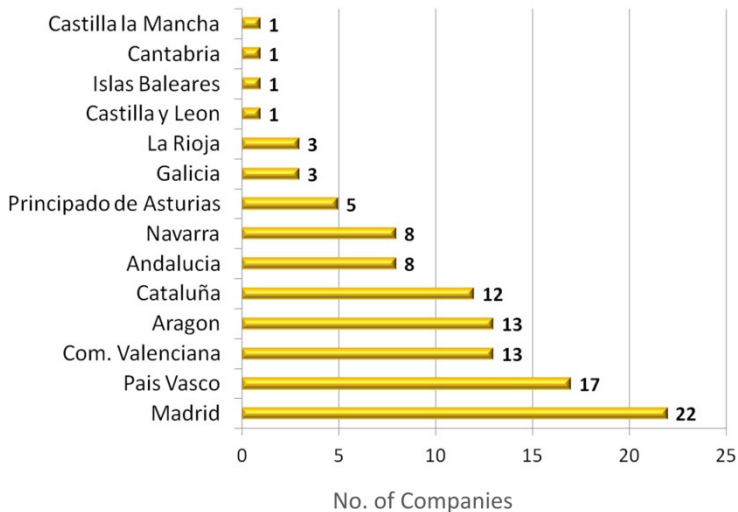
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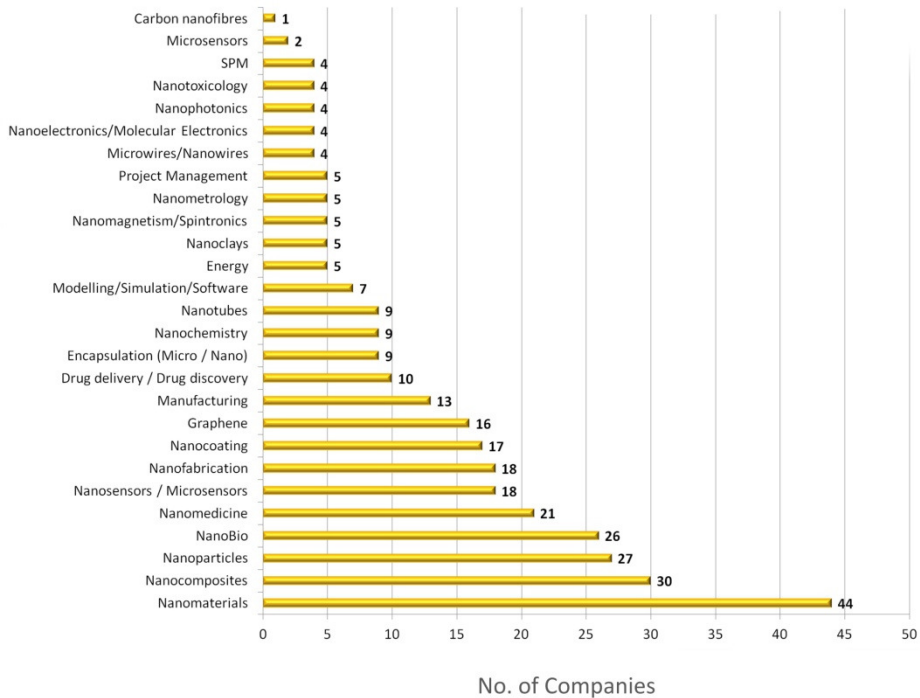
No. OF COMPANIES CREATED PER YEAR



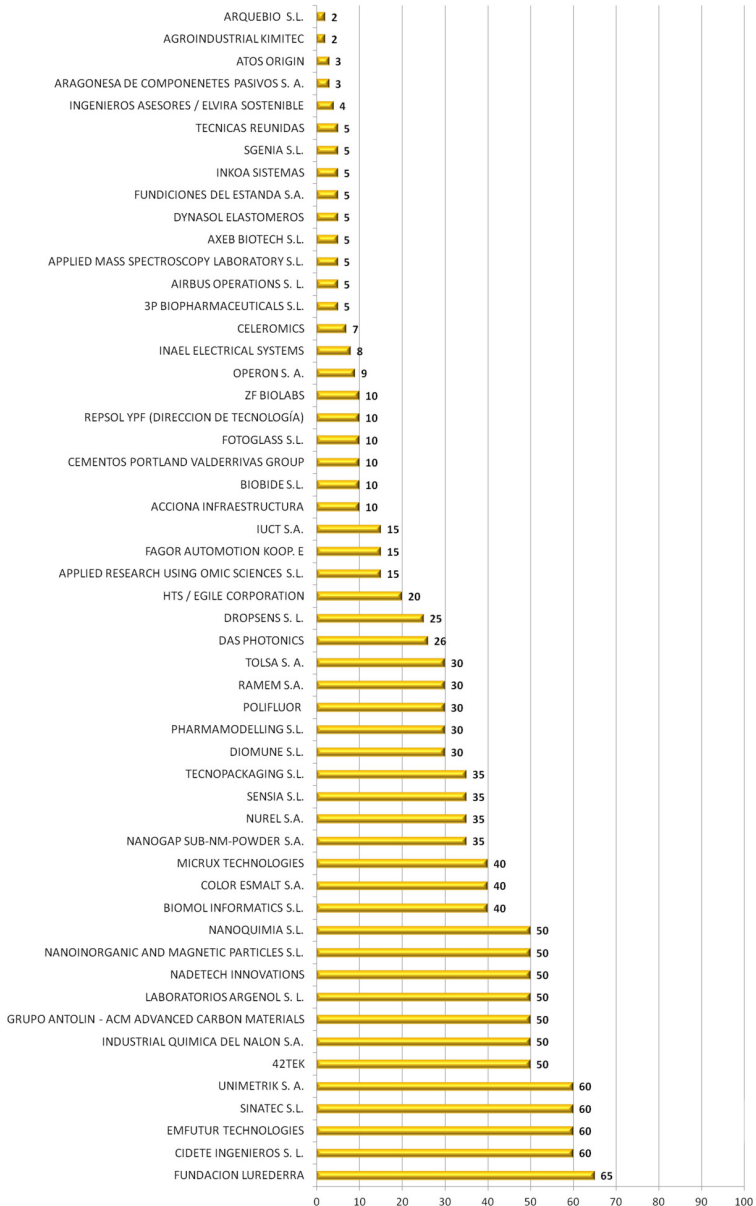
No. OF COMPANIES CREATED PER AUTONOMOUS COMMUNITY



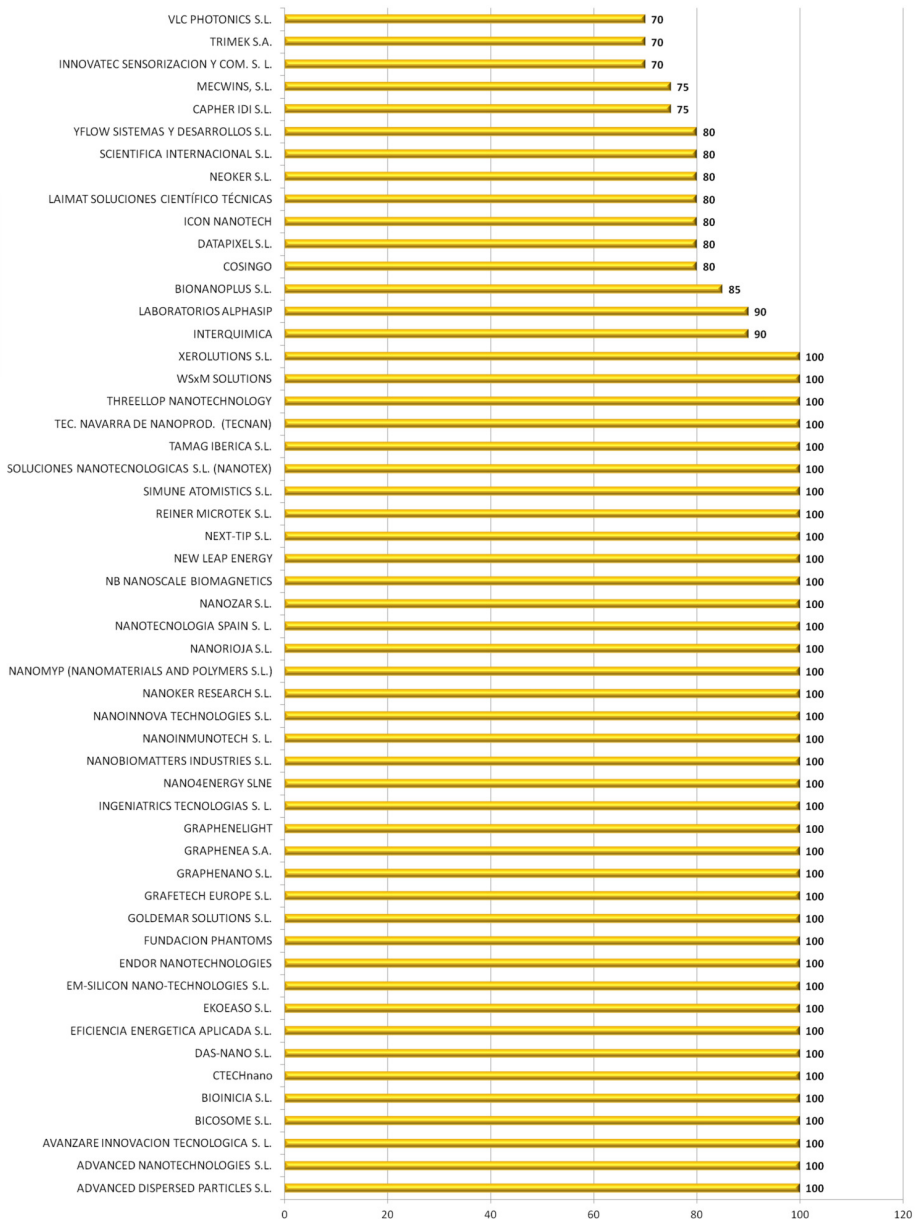
No. OF COMPANIES PER RESEARCH TOPIC

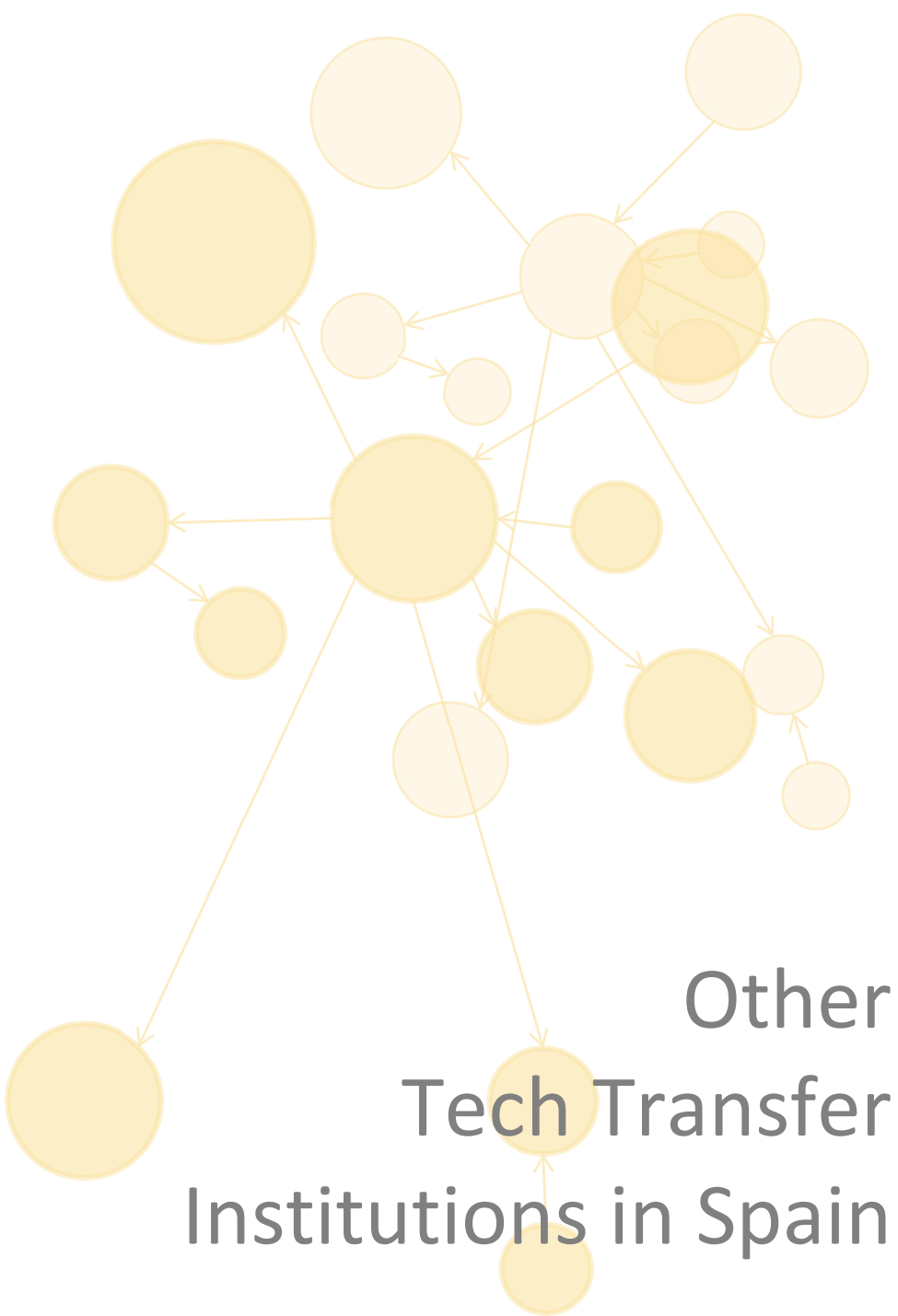


% ACTIVITY IN NANOSCIENCE & NANOTECHNOLOGY IN R&D



% ACTIVITY IN NANOSCIENCE & NANOTECHNOLOGY IN R&D





Other
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AIDIMA - INSTITUTO TECNOLÓGICO DEL MUEBLE, MADERA, EMBALAJE Y AFINES



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Main Research Areas
% Activity in Nanoscience and Nanotechnology (R&D)

Nanobio, Nanocoatings,
Nanocomposites, Nanomaterials
and Nanoparticles
10



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

0/4
0/4
15
12



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Other Tech Transfer Institutions in Spain

AIDO - INSTITUTO TECNOLÓGICO DE ÓPTICA, COLOR E IMAGEN



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% Activity in Nanoscience and Nanotechnology (R&D)

15



No. of patents in the last three years
No. of funded projects in the last three years

4 general
5



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AIMPLAS - INSTITUTO TECNOLÓGICO DEL PLÁSTICO



AIMPLAS
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1990



Main Research Areas

Metallization, Electrical conductivity,
Mechanical properties,
Electromagnetic radiation susceptors,
Thermal conductivity, Intelligent
polymers, Bactericide properties,
Flame-retardant, Surface properties,
Gas barrier active materials

% Activity in Nanoscience and Nanotechnology (R&D)

12,3 (32% in international RTD projects
and 10,85 % in national RTD projects)



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

9
6
15
58



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Other Tech Transfer Institutions in Spain

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centro tecnológico

AINIA TECHNOLOGY CENTRE



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1987



Main Research Areas

Nanocomposites,
Nanoencapsulation, Nanosensors
and safety and prenormative

% Activity in Nanoscience and Nanotechnology (R&D)

5



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

2
2
3
3



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AITEX - INSTITUTO TECNOLÓGICO TEXTIL



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1985



Main Research Areas

Nanocomposites and Nanofibres

% Nanoscience and Nanotechnology (R&D)

12



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

7

160 National and 39 European



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Other Tech Transfer Institutions in Spain



AITIIP CENTRO TECNOLÓGICO



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P. I. Empresarium. C/ Romero 12
50720 Zaragoza
+34 976464544
2003



Main Research Areas

Efficient Buildings, Extrusion,
Graphene, Injection,
Nanocomposites and Nanotubes
27

No. of employees in R&D

No. of patents in the last three years

3



No. of patented technologies in the last three years

No. of technology offers in the last three years

No. of funded projects in the last three years

36 National and 5 European



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Pere Castell
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Centro Tecnológico
del Mueble y la Madera
de la Región de Murcia

ASOCIACION DE INVESTIGACIÓN CENTRO TECNOLÓGICO DEL MUEBLE Y LA MADERA DE LA REGION DE MURCIA



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C / Perales s/n
30510 Yecla - Murcia
+34 968752040
1995



Main Research Areas

Development of nanocomposites,
mainly polyurethane based
nanocomposites

No. of patents in the last three years

1



No. of patented technologies in the last three years

1

No. of technology offers in the last three years

2

No. of funded projects in the last three years

7



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Other Tech Transfer Institutions in Spain

ASOCIACION DE LA INDUSTRIA NAVARRA

ain_tech



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1963



Main Research Areas

Biomaterials, Energy, Manufacturing,
Nanocoatings, Nanomaterials,
Nanophotonics, Nanotribology and
Nanotubes

No. of employees in R&D

20



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

6 (applied) / 4 (approved)

7 National and 7 European



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CENTRO DE APOYO A LA INNOVACION, LA INVESTIGACIÓN Y LA TRASFERENCIA DE TECNOLOGÍA. UNIVERSITAT POLITÈCNICA DE VALÈNCIA



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Edif Nexus. Camino de la Vera s/n
46022 Valencia
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1989



Main Research Areas

Nanophotonics, Metamaterials,
Cathalytic Nanomaterials, Biology &
Molecular Engineering, Graphene and
Nanomedicine

% Activity in Nanoscience and Nanotechnology (R&D)

8



No. of patents in the last three years
No. of patented technologies in the last three years
No. of funded projects in the last three years

20

7

90







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Other Tech Transfer Institutions in Spain





CENTRO ESPAÑOL DE METROLOGÍA - CEM



	Address Phone Created in	C / Alfar, 2 28760 Tres Cantos - Madrid +34 918074716 1991
	Main Research Areas % Activity in Nanoscience and Nanotechnology (R&D)	Nanometrology, metrological SPMs, physical standards, traceability to nanoscale,.... 10
	No. of technology offers in the last three years No. of funded projects in the last three years	4 10
	Contact person e-mail WEB site	Emilio Prieto eprieto@cem.minetur.es www.cem.es

CIBER-BBN - CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED DE BIOINGENIERÍA, BIOMATERIALES Y NANOMEDICINA



	Address Phone Created in	Campus Rio Ebro. Edificio I+D. Bloque 5, 1ª planta. C/ Poeta Mariano Esquillor s/n 50018 Zaragoza +34 976512368 2006
	Main Research Areas % Activity in Nanoscience and Nanotechnology (R&D)	Nanoconjugates, Drug delivery, Biosensors and Nanoparticles 40
	No. of patents in the last three years No. of patented technologies in the last three years No. of technology offers in the last three years No. of funded projects in the last three years	40 4 >41 48
	Contact person e-mail WEB site	Begoña Pérez bperez@ciber-bbn.es / info@ciber-bbn.es www.ciber-bbn.es

Other Tech Transfer Institutions in Spain

FUNDACIÓN CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III (CNIC)



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C/ Melchor Fernández Almagro, 3
28029 Madrid
+34 914531200
1999



Main Research Areas

Biomedical applications of Nanotechnology, nanomedicine and Molecular imaging probes



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

1
1
1
3



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FUNDACIÓN GENERAL DE LA UNIVERSIDAD DE VALLADOLID - FGUVA



Universidad de Valladolid



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Plaza Santa Cruz, 5
45002 Valladolid
+34 983186353
1996



Main Research Areas

Nanomedicine, Simulations
Nanoelectronics, Cellular Materials,
Nanocomposites

% Activity in Nanoscience and Nanotechnology (R&D)

7



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

52 (6 nano)
52 (6 nano)
16
45



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Other Tech Transfer Institutions in Spain

FUNDACIÓN PRIVADA ASCAMM (ASCAMM TECHNOLOGY CENTRE)



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Parc Tecnològic del Vallès. Avenida
Universitat Autònoma 23,
08290 Cerdanyola del Vallès -
Barcelona
+34 935944700
1996



Main Research Areas

Nanocomposites, Nanowires,
Nanostructured surfaces, Nano-
scalability

% Activity in Nanoscience and Nanotechnology (R&D)

5



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

2
2
2
8



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FUNDACIÓN UNIVERSIDADE DA CORUÑA



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1997



Main Research Areas

Nanocomposites, Nanogluers

% Activity in Nanoscience and Nanotechnology (R&D)

5







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FUNDACIÓN VASCA DE INNOVACIÓN E INVESTIGACIÓN SANITARIAS - BIOEF



	Address Phone Created in	Plaza Asua, 1 48150 Sondica - Vizcaya +34 944536849 2002
	Main Research Areas % Activity in Nanoscience and Nanotechnology (R&D)	Nanobiomaterials and nanomedicine 3,23
	No. of funded projects in the last three years	21
	Contact person e-mail WEB site	Amaia Albandoz amaia@bioef.org www.bioef.org



GAIKER - IK4

	Address Phone Created in	Parque Tec. de Bizkaia, Edf 202. 48170 Zamudio - Bizcaia +34 946002323 1985
	Main Research Areas % Activity in Nanoscience and Nanotechnology (R&D)	Nanosafety, nanomedicine, nanocomposites, nano-coatings, Electronic Microscopy Services, Functionalisation of micro/nano paraticles, Formulation and Compounding, Micro-encapsulation and Supercritical fluids 15
	No. of technology offers in the last three years No. of funded projects in the last three years	46 34
	Contact person e-mail WEB site	Juan Ramon Alonso alonso@gaiker.es; cuevas@gaiker.es www.gaiker.es

Other Tech Transfer Institutions in Spain

INA - INSTITUTO DE NANOCIENCIA DE ARAGÓN



Instituto Universitario de Investigación
en Nanociencia de Aragón
Universidad Zaragoza



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C/ Mariano Esquillor s/n
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2003



Main Research Areas

Carbon nanofibres, Drug delivery / discovery, Encapsulation (Micro / Nano), Energy, Graphene, Manufacturing, Microsensors, Micro/Nanowires, Modelling/Simulation/Software, Nanobio, Nanochemistry, Nanoclay, Nanocoating, Nanocomposites, Nanoelectronics/Molecular Electronics, Nanofabrication, Nanomagnetism/Spintronics, Nanomaterials, Nanomedicine, Nanometrology, Nanoparticles, Nanophotonics, Nanosensors, Nanotoxicology, Nanotubes, Project Management and SPM

% Activity in Nanoscience and Nanotechnology (R&D)

100



No. of patents in the last three years
No. of funded projects in the last three years

18
109



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INSTITUTO DE BIOMECÁNICA DE VALENCIA - IBV



IBV

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46022 Valencia
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1995



Main Research Areas

Nanomaterials, Nanocoatings for implants, Scaffolds, Nanotribology and Manufacturing

% Activity in Nanoscience and Nanotechnology (R&D)

1



No. of patents in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

1
2
9



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Other Tech Transfer Institutions in Spain

INSTITUTO DE TECNOLOGÍA CERÁMICA - ITC



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12006 Castellón
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1969



Main Research Areas

Nanoparticles synthesis through different methods; chemical and physical modification of nanoparticles; development of surface coatings based on nanoparticles in order to modify the physical and chemical properties of the materials

% Activity in Nanoscience and Nanotechnology (R&D)

20



No. of patents in the last three years
No. of funded projects in the last three years

3
30



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OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN DE LA UNIVERSIDAD AUTÓNOMA DE MADRID



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Ciudad Univ. de Cantoblanco. Pab.
C. C/Enstein, 13. 2planta
28049 Madrid
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1991



Main Research Areas

SPM, Nanocomposites, Nanowires,
Nanomedicine



No. of patents in the last three years
No. of patented technologies in the last three years

5
5



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Other Tech Transfer Institutions in Spain

OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) DE LA UNIVERSIDAD DE GRANADA



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Complejo Administrativo Triunfo. Pab.
1 1º planta. Cuesta del Hospicio s/n
18071 Granada
+34 958244337
1989



Main Research Areas

Nanomedicine. Microencapsulation and nanotechnology applied to drug design, Synthesis and characterization of nanoemulsions , Nanoparticles, metal nanoparticles for biomedical applications and Nanoelectronics. Design, optimization and prototyping of nanoelectronic devices with different applications



No. of patents in the last three years
No. of funded projects in the last three years

6
5



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OTRI - UNIVERSIDADE CASTILLA LA MANCHA



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1995



Main Research Areas

Fullerene-based nanomaterials
Nanocomposites (polymer gels, polymer-nanoparticles, polyelectrolytes)
Magnetic nanostructures: Nanowires and thin films, Magnetic nanoparticles

% Activity in Nanoscience and Nanotechnology (R&D)

2



No. of technology offers in the last three years
No. of funded projects in the last three years

3
10



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Universidade de Vigo

OTRI - UNIVERSIDADE VIGO



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1991



Main Research Areas

Nanofluids, Nanoparticles,
Nanostructures, Nanowire,
Nanomaterials, Nanocomposites,
Nanosemiconductor, Nanocatalysis,
Nanoplasmonic, Bionanoplasmonic
5-10

% Activity in Nanoscience and Nanotechnology (R&D)



No. of patents in the last three years
No. of patented technologies in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

3 applications
2 granted
2
19



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SPANISH NATIONAL RESEARCH COUNCIL - CSIC



CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



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C/ Serrano, 117
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1907



% Activity in Nanoscience and Nanotechnology (R&D)

18



No. of patents in the last three years
No. of patented technologies in the last three years

516 total
92 nano



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Other Tech Transfer Institutions in Spain



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1996



Main Research Areas
% Activity in Nanoscience and Nanotechnology (R&D)

Biotech, Drug discovery and
Nanoencapsulation
5



No. of technology offers in the last three years
No. of funded projects in the last three years

7
10



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UNIVERSIDAD DE ALICANTE



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+34 965909959
1979



Main Research Areas
% Activity in Nanoscience and Nanotechnology (R&D)

Nanomaterials, Nanocomposites, Nanoparticles,
Nanotubes, Nanofibres, Graphene, Nanoclays,
Nanopigments, Nanocoating, Nanophotonics,
Nanoencapsulation, Nanosensors,
Nanochemistry, Nanobiochemistry,
Nanotoxicology, Nanomedicine
8



No. of patents in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

47
52
347 National, 84 European, 236 Region
and 3 Infrastructures



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Other Tech Transfer Institutions in Spain

UNIVERSIDAD DE CANTABRIA - OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN



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39005 Santander
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1973



Main Research Areas

Nanobiomedicine, Nanomaterials and Nanosensors

% Activity in Nanoscience and Nanotechnology (R&D)

8 Activity groups, 5 to 80 % activity in R&D in N&N



No. of patents in the last three years
No. of funded projects in the last three years

5
17



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UNIVERSIDAD DE MURCIA / OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN



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1989



Main Research Areas

Biomaterials, Drug delivery, Encapsulation, Grapheme, Nanochemistry, Nanocomposites, Nanoelectronic/Molecular Electronic, Nanofabrication, Nanomaterials, Nanomedicine, Nanoparticles, Nanophotonics, Nanosensors, Nanosurfaces and Nanotubes



No. of patented technology in the last three years
No. of technology offers in the last three years
No. of funded projects in the last three years

2
1
43



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Other Tech Transfer Institutions in Spain



Universidad
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1952



Main Research Areas
% Activity in Nanoscience and Nanotechnology (R&D)

Nanocomposites and
Nanomedicine
15



No. of patents in the last three years
No. of patented technology in the last three years
No. of funded projects in the last three years

6
2
27



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UNIVERSITAT DE VALÈNCIA ESTUDI GENERAL (UVEG)



VNIVERSITAT
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1989



Main Research Areas
% Activity in Nanoscience and Nanotechnology (R&D)

The research areas in Nanosciences are
mainly developed at the following
research structures of the University of
Valencia: Institute for Materials Science
ICMUV: Nanomaterials and
Nanomedicine. Institute for Molecular
Science ICMOL: Nanofabrication,
Nanomaterials and Nanomedicine
4



No. of patents in the last three years
No. of funded projects in the last three years

51
482



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