

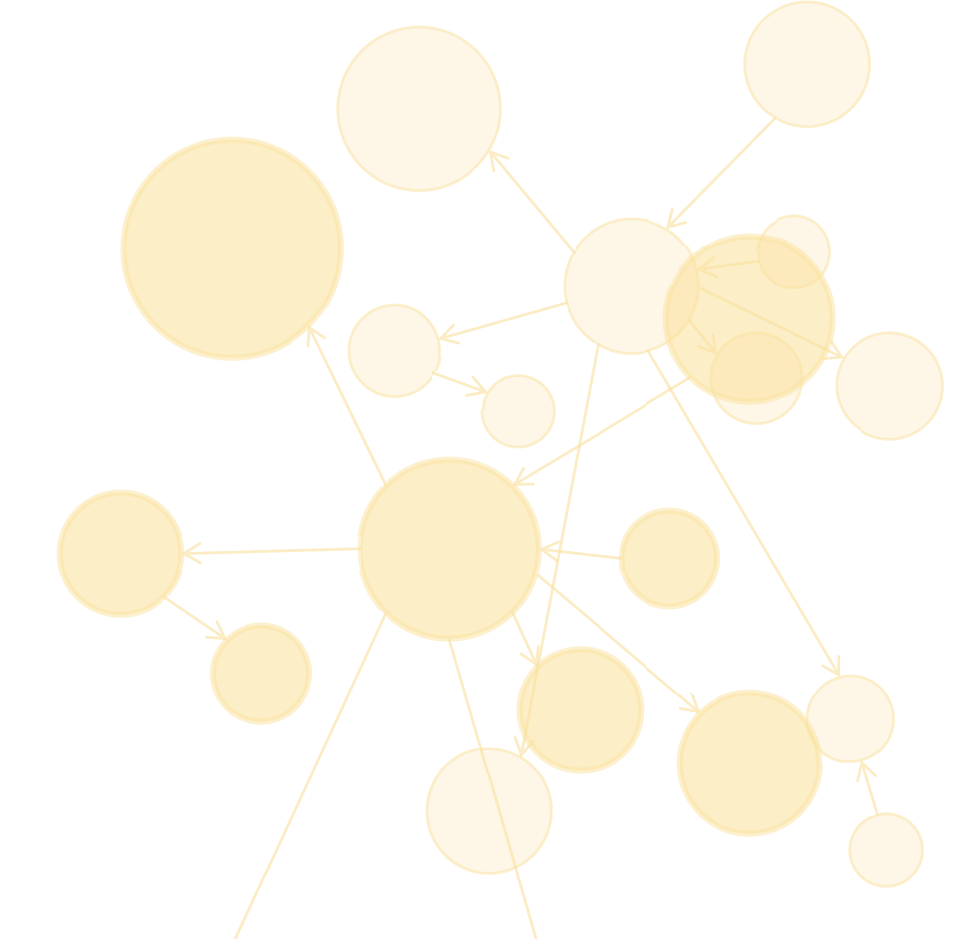


version 4.0



# Catalogue of Nanoscience & Nanotechnology Companies in Spain





Catalogue of  
Nanoscience &  
Nanotechnology  
Companies in Spain  
Version 4.0



# Index

**5** Introduction

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**7** N&N Companies in Spain

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**61** Statistics

---

**67** Other Tech Transfer Institutions in Spain

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This catalogue (version 4.0, updated July 2013), compiled by the Phantoms Foundation (coordinator of the Spanish Nanotechnology action Plan funded by ICEX), provides a general overview of the Nanoscience and Nanotechnology companies (96) in Spain and in particular the importance of this market research, etc.

Note: only those contacted companies which provided their details are listed.



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 (among others, the COST Bio-Inspired nanotechnologies, ICT-FET Integrated Project AtMol and ICT/FET EUPHONON Coordination Action) 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](http://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 is also coordinator of the Spanish Nanotechnology Plan funded by ICEX Spain Trade and Investment - [www.icex.es](http://www.icex.es) - 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 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.

#### Contact details

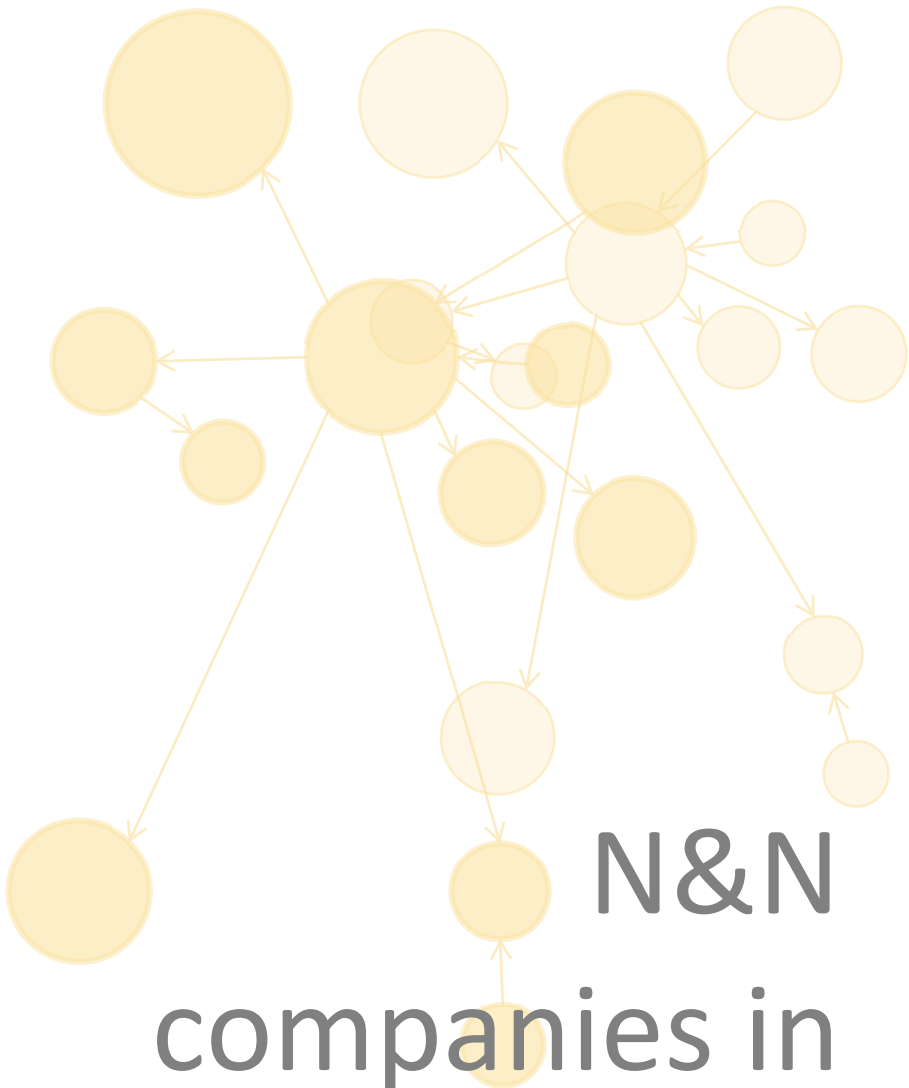
Dr. Antonio Correia - President  
Phantoms Foundation  
Calle Alfonso Gomez 17  
28037 Madrid (Spain)

 [antonio@phantomsnet.net](mailto:antonio@phantomsnet.net)

 [www.phantomsnet.net](http://www.phantomsnet.net)







**N&N**  
companies in  
Spain



	Carbon nanofibres	Drug delivery / Drug 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	Nanotoxicology	Nanotubes	Project Management	SPM	
3P BIOPHARMACEUTICALS																												
42TEK																												
ACCIONA INFRAESTRUCTURA																												
ADVANCED DISPERSED PARTICLES S.L.																												
ADVANCED NANOTECHNOLOGIES S.L.																												
AGROINDUSTRIAL KIMITEC																												
AIRBUS OPERATIONS S. L.																												
AITEX - INSTITUTO TECNOLÓGICO TEXTIL																												
AITIP CENTRO TECNOLÓGICO																												
APPLIED MASS SPECTROSCOPY LABORATORY S.L.																												
APPLIED RESEARCH USING OMIC SCIENCES S.L.																												
ARAGONESA DE COMPONENTES PASIVOS																												
ARQUEIBO S.L.																												
ASOCIACION DE LA INDUSTRIA NAVARRA																												
ATOS ORIGIN																												
AVANZARE INNOVACION TECNOLÓGICA S. L.																												
BIORIDE S.L.																												
BIOINICIA S.L.																												
BIOMOL INFORMATICS																												
BIONANOPLUS S.L.																												
CAPHER IDI S.L.																												
CELEROMICS																												
CEMENTOS PORTLAND VALDERRIVAS GROUP																												
CIETE INGENIEROS S. L.																												
COLOR ESMALT S.A.																												
DAS-NANO S.L.																												
DAS PHOTONICS																												
DATAPIXEL S. L.																												
DOLMAR INNOVA S. L.																												
DROPSENS S. L.																												
DYNASOL ELASTOMEROS																												
EFICIENCIA ENERGÉTICA APLICADA S.L.																												

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

# N&N Companies in Spain

	Carbon nanofibres	Drug delivery / Drug discovery	Encapsulation (Micro / Nano)	Energy	Graphene	Manufacturing	Microsensors	Microwires / Nanowires	Modelling/Simulation/Soft.	Nanobio	Nanochemistry	Nanoclay	Nanocoating	Nanocomposites	Nanoelec. / Molecular Electr.	Nanofabrication	Nanomagnetism / Spintronics	Nanomaterials	Nanomedicine	Nanometrology	Nanophotonics	Nanoparticles	Nanosensors	Nanotoxicology	Nanotubes	Project Management	SPM	
EKOEASO S. L.																												
EM-SILICON NANO-TECHNOLOGIES S.L.																												
ENDOR NANOTECHNOLOGIES																												
FAGOR AUTOMOTION KOOP. E																												
FUNDACION LUREDERRA																												
FUNDACION PHANTOMS																												
GP PHARM																												
GRANPH NANOTECH																												
GRAPHENANO S.L.																												
GRAPHENEA S.A.																												
GRUPO ANTOLIN-INGENIERIA S. A.																												
HTS / EGILE CORPORATION																												
ICON NANOTECH																												
INMEL ELECTRICAL SYSTEMS																												
INDUSTRIAL QUIMICA DEL NALÓN S.A.																												
INGENIATRICS TECNOLOGIAS S. L.																												
INGENIEROS ASESORES / ELVIRA SOSTENIBLE																												
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																												
NANOBIO MATTERS INDUSTRIES S.L.																												
NANDGAP SUB-NM-POWDER S.A.																												
NANOINMUNOTECH S. L.																												
NANOINNOVA TECHNOLOGIES S.L.																												
NANOKER RESEARCH S.L.																												
NANOMYP*																												
NANOQUIMIA S.L.																												






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

	Carbon nanofibres	Drug delivery / Drug discovery	Encapsulation (Micro / Nano)	Energy	Graphene	Manufacturing	Microsensors	Microwires / Nanowires	Modelling/Simulation/Soft.	Nanobio	Nanochemistry	Nanoclays	Nanocoating	Nanocomposites	Nanolec. / Molecular Electr.	Nanofabrication	Nanomagnetism / Spintronics	Nanomaterials	Nanomedicine	Nanometrology	Nanophotonics	Nanoparticles	Nanosensors	Nanotoxicology	Nanotubes	Project Management	SPM	
NANORIOJA S.L.																												
NANOTEC ELECTRONICA 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.																												
RAMEM S.A.																												
REINER MICROTEK S.L.																												
REPSOL YPF (DIRECCION DE TECNOLOGIA)																												
SCIENTIFICA INTERNACIONAL S.L.																												
SENSIA S.L.																												
SGENIA S.L.																												
SINATEC S.L.																												
SMARTNANO 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.																												
XEROLUTIONS S.L.																												
YFLOW SISTEMAS Y DESARROLLOS S.L.																												
ZF BIOLABS																												
<b>TOTAL (3 tables)</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>6</b>	<b>14</b>	<b>12</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>23</b>	<b>4</b>	<b>7</b>	<b>12</b>	<b>29</b>	<b>5</b>	<b>15</b>	<b>4</b>	<b>37</b>	<b>21</b>	<b>5</b>	<b>4</b>	<b>25</b>	<b>19</b>	<b>4</b>	<b>11</b>	<b>4</b>	<b>4</b>	

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

## 3P BIOPHARMACEUTICALS S.L.

---

	Address Phone Created in	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
	Contact person e-mail WEB site	Dámaso Molero Sánchez <b>info@3pbio.com</b> <b>www.3pbio.com</b>

## 42TEK

---

	Address Phone Created in	C/ San Idelfonso, 68 12550 Almazora - Castellón +34 964030703 2012
	Main Research Areas	Manufacturing, Nanoclays, Nanocoating, Nanomaterials, Photocatalysis for water treatment, Nanoparticles, Nanotubes and Project Management
	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
	Contact person e-mail WEB site	Reyes Rodriguez <b>rrodriguez@42tek.es</b> <b>www.42tek.es</b>



## ACCIONA INFRAESTRUCTURA



Address  
Phone  
Created in

C/ Valportillo Segunda, 8  
28108 Alcobendas - Madrid  
+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



Contact person  
e-mail  
WEB site

Jose Antonio Sanchez  
[antoniojose.sanchez.rojo@acciona.es](mailto:antoniojose.sanchez.rojo@acciona.es)  
[www.acciona-infraestructuras.es](http://www.acciona-infraestructuras.es)



## ADVANCED DISPERSED PARTICLES S.L.



Address  
Phone  
Created in

Genova, 7 5º 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



Contact person  
e-mail  
WEB site

David López García  
[info@ad-particles.com](mailto:info@ad-particles.com)  
[www.ad-particles.com](http://www.ad-particles.com)

## ADVANCED NANOTECHNOLOGIES S.L.



Address  
Phone  
Created in

C/ Diputació, 237, 5º 4ª  
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  
70



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

1 National  
6



Contact person  
e-mail  
WEB site

Antonio M. Onteniente  
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## AGROINDUSTRIAL KIMITEC



Address  
Phone  
Created in

Ctra. Del Alicun No. 369  
Edf. Natalia 2ºB  
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



Contact person  
e-mail  
WEB site

Felix Garcia  
[felixgarcia@kimitek.es](mailto:felixgarcia@kimitek.es)  
[www.kimitek.es](http://www.kimitek.es)



## AIRBUS OPERATIONS S.L.



Address  
Phone  
Created in

Paseo John Lennon, s/n  
28906 Getafe - Madrid  
+34 916242573  
2000



Main Research Areas

Graphene, Nanocomposites and Nanotubes



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

~3000  
5



Contact person  
e-mail  
WEB site

Tamara Blanco  
[tamara.blanco@airbus.com](mailto:tamara.blanco@airbus.com)  
[www.airbus.com](http://www.airbus.com)



## AITEX - INSTITUTO TECNOLOGICO TEXTIL



Address  
Phone  
Created in

Plaza Emilio Sala, 1  
03801 Alcoy  
+34 965542200  
1985



Main Research Areas

Nanocomposites and Nanofibres



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

89  
12



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

160 National and 39 European  
7



Contact person  
e-mail  
WEB site

Vicente Cambra  
[vcambra@aitex.es](mailto:vcambra@aitex.es)  
[jpascual@aitex.es](mailto:jpascual@aitex.es)  
[www.aitex.es](http://www.aitex.es)

## AITIIP CENTRO TECNOLÓGICO

---



Address  
Phone  
Created in

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



Main Research Areas

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



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

27  
25



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

36 National and 5 European  
3



Contact person  
e-mail  
WEB site

Pere Castell  
[pere.castell@aitiip.com](mailto:pere.castell@aitiip.com)  
[www.aitiip.com](http://www.aitiip.com)

## ALAVA INGENIEROS

---



Address  
Phone  
Created in

C/ Albasanz, 16  
28037 Madrid  
+34 915679700  
1975








Contact person  
e-mail  
WEB site

José Fernández  
[alava@alava-ing.es](mailto:alava@alava-ing.es)  
[www.alavaingenieros.com](http://www.alavaingenieros.com)







## APPLIED MASS SPECTROMETRY LABORATORY S.L.

	Address Phone Created in	Avda. Benigno Rivera, 56 27003 Lugo +34 982808074 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
	Contact person e-mail WEB site	Manuel Lolo <b>info@ams-lab.com</b> <b>www.ams-lab.com</b>

## APPLIED RESEARCH USING OMIC SCIENCES S.L.



	Address Phone Created in	Victor Pradera, 45 08940 Cornellà del Llobregat - Barcelona +34 934407302 2005
	Main Research Areas	Nanobio, Nanomedicine and Nanosensors
	No. of employees in R&D % Nanoscience and Nanotechnology (R&D)	6 15
	Contact person e-mail WEB site	Carmen Plasencia <b>info@aromics.es</b> <b>www.aromics.es</b>

## ARAGONESA DE COMPONENTES PASIVOS S.A.



Address  
Phone  
Created in

Apartado de Correos 43  
50500 Tarazona - Zaragoza  
+34 976643063  
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



Contact person  
e-mail  
WEB site

Luis Jose Ortiz  
[lj.ortiz@acpttechnologies.com](mailto:lj.ortiz@acpttechnologies.com)  
[www.acpttechnologies.com](http://www.acpttechnologies.com)

## ARQUEBIO S.L.



Address  
Phone  
Created in

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



Contact person  
e-mail  
WEB site

Damaso Molero  
[jaume.mir@arquebio.com](mailto:jaume.mir@arquebio.com)  
[www.arquebio.com](http://www.arquebio.com)

## ASOCIACION DE LA INDUSTRIA NAVARRA

**ain\_tech**



Address  
Phone  
Created in

Ctra. Pamplona, Km. 1, Edificio AIN  
31191 Navarra  
+34 948421101  
1963



Main Research Areas

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



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

70  
20



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

7 National and 7 European  
6 (applied) / 4 (approved)



Contact person  
e-mail  
WEB site

Rafael Rodriguez  
**rrodriguez@ain.es**  
**www.ain.es**



## ATOS SPAIN S.A.



Address  
Phone  
Created in

C/ Albarracín, 25  
28037 Madrid  
+34 912148800  
1987



Main Research Areas

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



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

6  
3



Contact person  
e-mail  
WEB site

Manuel Pérez  
**manuel.perez@atosorigin.com**  
**www.atosorigin.eu**

## AVANZARE INNOVACION TECNOLOGICA S.L.



Address  
Phone  
Created in

C/ Antonio de Nebrija, 8  
26006 Logroño  
+34 941587027  
2005



Main Research Areas

Graphene, Nanocomposites,  
Nanomaterials, Nanoparticles and  
Nanosensors



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

17  
92



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

5 National and 8 European  
8



Contact person  
e-mail  
WEB site

Julio Gomez  
**[jgomez@avanzare.es](mailto:jgomez@avanzare.es)**  
**[www.avanzare.es](http://www.avanzare.es)**

## BIOBIDE S.L.



Address  
Phone  
Created in

Miramón Technology Park, Paseo  
Mikeletegi 58, bajo  
20009 San Sebastian  
+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



Contact person  
e-mail  
WEB site

Arantza Muriana  
**[info@biobide.es](mailto:info@biobide.es)**  
**[www.biobide.es](http://www.biobide.es)**



## BIOINICIA S.L.



Address  
Phone  
Created in

Centro de Negocios CEEI.  
Avda Benjamín Franklin, 12  
46980 Paterna - Valencia  
+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



Contact person  
e-mail  
WEB site

Hipolito Montejano  
**hmontejano@bioinicia.com**  
**www.bioinicia.com**



## BIOMOL INFORMATICS S.L.



Address  
Phone  
Created in

C/ Faraday, 7. Campus  
Cantoblanco UAM  
28049 Madrid  
+34 918279767  
2007



Main Research Areas

Modelling/Simulation/Software



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



Contact person  
e-mail  
WEB site

Paulino Gomez-Puertas  
**bioinfo@biomol-informatics.com**  
**www.biomol-informatics.com**



## BIONANOPLUS S.L.

---



Address  
Phone  
Created in

P. I. Mocholi. Pza. Cein, 5. Nav B14  
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



Contact person  
e-mail  
WEB site

Hesham Salman  
[hsalman@bionanoplus.com](mailto:hsalman@bionanoplus.com)  
[www.bionanoplus.com](http://www.bionanoplus.com)

## CAPHER IDI S.L.

---



Address  
Phone  
Created in

C/ Ermesinda de Aragón, 4. C116  
50012 Zaragoza  
+34 976757778  
2009



Main Research Areas

Nanobio, Nanomaterials,  
Nanoparticles and Nanosensors



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

2  
75



Contact person  
e-mail  
WEB site

Laura Bonel  
[capher@capher.es](mailto:capher@capher.es)  
[www.capher.es](http://www.capher.es)



## CELEROMICS TECHNOLOGIES S.L.



Address  
Phone  
Created in

Parque Tecnológico de Paterna  
Avda. Benjamín Franklin, 12-8  
46980 Paterna - Valencia  
+34 961825005  
2009



Main Research Areas

Instrumentation for microbiology,  
instrumentation for  
nanotechnology and  
instrumentation 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



Contact person  
e-mail  
WEB site

Oscar Bastidas  
**oscar.bastidas@celeromics.com**  
**www.celeromics.com**

## CEMENTOS PORTLAND VALDERRIVAS GROUP



Address  
Phone  
Created in

C/ Estella, 6  
31002 Pamplona - Navarra  
+34 948466107  
1903



Main Research Areas

Nanofabrication and  
Nanomaterials



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

107  
10



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

16 National  
3



Contact person  
e-mail  
WEB site

Serafin Lizarraga  
**serafin.lizarraga@gcpv.com**  
**www.valderrivas.es**



## CIDETE INGENIEROS S.L.



Address  
Phone  
Created in

C/ Anselmo Clave, 98  
08800 Barcelona  
+34 938157003  
2001



Main Research Areas

Nanoelectronic/Molecular  
Electronic, Nanomaterials and  
Nanosensors



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

4  
60



No. of funded projects in the last three years

5 European



Contact person  
e-mail  
WEB site

German Noriega  
**gnoriega@cidete.com**  
**www.cidete.com**

## COLOR ESMALT S.A.



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50001 Zaragoza  
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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  
6



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## DAS-NANO S.L.



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2012



Main Research Areas

Ultra Monodispersed Magnetic Nanoparticles, Thin Films, Security and nanomedicine



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

1 National  
2



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2005



Main Research Areas

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



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

Optical Chain development,  
artificial vision and digital image  
processing, 3D data processing  
algorithms and metrology



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

7  
20



No. of funded projects in the last three years

16 National and 2 European



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Main Research Areas

Nanobio, Nanoparticles and  
Nanosensors



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

8  
15-20



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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)

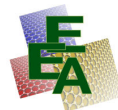
>150  
5



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## EFICIENCIA ENERGETICA APLICADA S.L. (LINEA GRAPHENETECH)



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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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## EM-SILICON NANO-TECHNOLOGIES S.L.



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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

4 National



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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)

7  
100



No. of patents in the last three years

1



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## FAGOR AUTOMATION KOOP. E.

FAGOR AUTOMATION



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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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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

8 National and 12 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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2000



Main Research Areas

Drug Delivery, Encapsulation,  
Nanomedicine, Manufacturing,  
Oncology, Urology, Cardiology and  
Neurology



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

13  
50



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

3 National  
5



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---



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2010



Main Research Areas

Graphene, Nanocomposites,  
Nanoelectronic/Molecular  
Electronics and Nanosensor



% Nanoscience and Nanotechnology (R&D)

100



No. of patents in the last three years

1



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## GRAPHENANO

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2012



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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## GRAPHENEA S.A.



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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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1999



Main Research Areas

Carbon nanofibres,  
Nanocomposites,  
Nanoelectronic/Molecular  
Electronics and Nanosensors



No. of employees in R&D

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



No. of funded projects in the last three years

9 National and 4 European



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2011



Main Research Areas

Nanocomposites and  
Nanofabrication



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

15  
20



No. of funded projects in the last three years

20 National and 4 European



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2005



Main Research Areas

Nanoparticles, Natural  
Compounds, Active molecules and  
Membranes



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

3  
80



No. of funded projects in the last three years

3 National



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## INAEI ELECTRICAL SYSTEMS S.A.

**INAEI** Electrical Systems, S.A.



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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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2001



Main Research Areas

Microencapsulation, Pharma,  
Nutrition, 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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## INGENIEROS ASESORES S.A. / ENVIRA SOSTENIBLE



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1985



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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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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2005



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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1997



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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2005



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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## LAIMAT SOLUCIONES CIENTIFICO TECNICAS



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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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# N&N Companies in Spain



## MECWINS S.L.



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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

Nanowires and Nanomaterials



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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## NANOBIOMATTERS INDUSTRIES S.L.



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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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## NANO GAP 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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# N&N Companies in Spain

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## NANOIMMUNOTECH S.L.

---



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2010



Main Research Areas

Nanomedicine and  
Nanotoxicology



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

5  
100



No. of patents in the last three years

2



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## NANOINNOVA TECHNOLOGIES S.L.

---



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2010



Main Research Areas

Graphene, Nanosensors and  
Nanotubes



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

2  
100



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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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WEB site

Samuel Menéndez  
**info@nanoker.com**  
**www.nanoker.com**



## NANOMYP (NANOMATERIALS AND POLYMERS S.L.)



Address  
Phone  
Created in

BIC Granada Building. Avda.  
Innovacion, 1.  
18100 Armilla - Granada  
+34 958637114  
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)

3  
100



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

4 National  
3



Contact person  
e-mail  
WEB site

Angel Valero Navarro  
**avalero@nanomyp.com**  
**www.nanomyp.com**



## NANOQUIMIA S.L.

---



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Phone  
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C/ Córdoba, 10  
14540 La Rambla - Córdoba  
+34 957684973  
2005



Main Research Areas

Energy, Nanocomposites and  
Nanomaterials



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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Carlos Macías  
[nanoquimia@nanoquimia.com](mailto:nanoquimia@nanoquimia.com)  
[www.nanoquimia.com](http://www.nanoquimia.com)



## NANORIOJA S.L.

---



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P. I. de Lentiscales. C/ Jardines, 5.  
26370 Navarrete - La Rioja  
+34 941411422  
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



Contact person  
e-mail  
WEB site

Alberto Diez  
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[www.nanorioja.es](http://www.nanorioja.es)



## NANOTEC ELECTRONICA S.L.



Address  
Phone  
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Centro Empresarial Euronova 3  
Ronda de Poniente 12, 2º Ofi. C  
28760 Tres Cantos - Madrid  
+34 918043347  
1998



Main Research Areas

SPM



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

18  
45



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Adriana Gil  
**adriana.gil@nanotec.es**  
**www.nanotec.es**



## NANOTECNOLOGIA SPAIN S.L.



Address  
Phone  
Created in

C/ de la Cruz, 13 bajos  
07800 Eivissa - Balears  
+34 971198472  
2004



Main Research Areas

Nanocomposites



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

8  
100



No. of patents in the last three years

1



Contact person  
e-mail  
WEB site

Adam Prats  
**adam@nanopinturas.com**  
**www.ntc-spain.com**

## NANOZAR S.L.

---



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Phone  
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C/ Miguel Luesma Castán, 4  
50018 Zaragoza  
+34 976733977  
2005



Main Research Areas

Graphene, Nanocoating,  
Nanocomposites and Nanotubes



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

2  
100



No. of funded projects in the last three years

4 National and 2 European



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Ana M. Benito  
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## NB NANOSCALE BIOMAGNETICS

---



Address  
Phone  
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C/ Panamá, 2 Local 1  
50012 Zaragoza  
+34 976741714  
2008



Main Research Areas

Nanomagnetism/Spintronics and  
Nanoparticles



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



Contact person  
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Sara Calvo Salvanés  
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## NEOKER S.L.



Address  
Phone  
Created in

P. I. Milladoiro. Xesta 78A1  
15895 Ames - A Coruña  
+34 685476828  
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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WEB site

Carmen Cerecedo  
**info@neoker.org**  
**www.neoker.org**



## NEW LEAP ENERGY



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Phone  
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Avda. Fuencarral, 44. Bloque 9  
28108 Alcobendas - Madrid  
+34 916296076  
2011



Main Research Areas

Energy, Graphene,  
Nanocomposites and Nanowires



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

1 National  
2








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Domingo Martín  
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## NEXT-TIP S.L.

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	Main Research Areas	SPM Probes
	% Nanoscience and Nanotechnology (R&D)	100
	No. of patents in the last three years	1
	Contact person e-mail WEB site	David López García <a href="mailto:info@next-tip.com">info@next-tip.com</a> <a href="http://www.next-tip.com">www.next-tip.com</a>

## NUREL S.A.



	Address Phone Created in	Paseo de la Independencia, 21 3º 50001 Zaragoza +34 976216129 1966
	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	6 National 4
	Contact person e-mail WEB site	Miguel Ángel Caballero <a href="mailto:acaballero@samca.com">acaballero@samca.com</a> <a href="http://www.nurel.com">www.nurel.com</a>



## OPERON S.A.



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Phone  
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50410 Cuarte de Huerva - Zaragoza  
+34 976503597  
1973



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

2 European



Contact person  
e-mail  
WEB site

Manu Villacampa  
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## RAMEM S.A.



Address  
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C/ Sambara, 33  
28027 Madrid  
+34 914044575  
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 2 European  
5



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Silvia Lopez Vidal  
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**www.ioner.eu**

# N&N Companies in Spain

---



## REINER MICROTEK S.L.

---



Address  
Phone  
Created in

P. I. Itziar parcela H3  
20820 Deba - Guipuzcoa  
+34 943606286  
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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Pablo Cajaraville  
[p.cajaraville@reinermicrotek.com](mailto:p.cajaraville@reinermicrotek.com)  
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## REPSOL YPF (DIRECCIÓN DE TECNOLOGÍA)

---



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A-5 Km. 18  
28935 Mostoles - Madrid  
+34 917537653  
2000



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



Contact person  
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Luisa María Fraga  
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## SCIENTIFICA INTERNACIONAL S.L.



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20870 Elgoibar - Guipuzcoa  
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2009



Main Research Areas

Nanopositioning and Particle  
detection



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

4  
80



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**www.scientifica.es**



## SENSIA S.L.



Address  
Created in

Industrialdea. Pab 1, A-Gunea  
20159 Asteasu - 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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Iban Larroulet  
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## SGENIA S.L.



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28230 Las Rozas de Madrid - Madrid  
+34 916306388  
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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## SINATEC S.L.



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Zona Industrial Aeroportuaria,  
Aeropuerto de Jerez  
11401 Jerez de la Frontera - Cádiz  
+34 856902746  
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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WEB site

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## SMARTNANO S.L.



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08034 Barcelona  
+34 934006163 / +34 665093341  
2012



Main Research Areas

Nanomedicine, Skin Delivery,  
Dermo-Pharmacy, Cosmetics and  
Bicosome technology



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  
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Lucyanna Barbosa Barros  
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**www.smartnanotec.com**

## SOLUCIONES NANOTECNOLÓGICAS S.L. (NANOTEX)



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50550 Mallén - Zaragoza  
+34 976866314  
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



Contact person  
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## TAMAG IBERICA S.L.



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Parque Tecnológico Miramón,  
Paseo Mikeletegi 56, 1<sup>º</sup> planta  
20009 San Sebastian - Guipuzcoa  
+34 943013703  
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



Contact person  
e-mail  
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Sofia Zhukova  
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**www.tamagiberica.com**



## TECNICAS REUNIDAS



Address  
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C/ Sierra Nevada, 16. 28830 S.  
Fernando de Henares - Madrid  
+34 914098960  
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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WEB site

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**www.tecnicasreunidas.es**




## TECNOLOGIA NAVARRA DE NANOPRODUCTOS S.L. (TECNAN)



 <p>Address Phone Created in</p>	<p>Area Industrial "Perguita" C/ A 1 31210 Los Arcos - Navarra +34 948640318 2007</p>
 <p>Main Research Areas</p>	<p>Nanocoatings, Nanomaterials and Nanoparticles</p>
 <p>No. of employees in R&amp;D % Nanoscience and Nanotechnology (R&amp;D)</p>	<p>4 100</p>
 <p>No. of funded projects in the last three years No. of patents in the last three years</p>	<p>4 National and 4 European 1</p>
 <p>Contact person e-mail WEB site</p>	<p>German Medina <a href="mailto:german.medina@tecnan-nanomat.es">german.medina@tecnan-nanomat.es</a> <a href="http://www.tecnan-nanomat.es">www.tecnan-nanomat.es</a></p>








## TECNOPACKAGING S.L.

 <p>Address Phone Created in</p>	<p>P. I. Empresarium. C/ Romero, 12 50720 Zaragoza +34 976464544 2010</p>
 <p>Main Research Areas</p>	<p>Graphene, Nanocomposites, Nanocompounding, Nanomaterials, Plastic products and Packaging</p>
 <p>No. of employees in R&amp;D % Nanoscience and Nanotechnology (R&amp;D)</p>	<p>4 75</p>
 <p>No. of funded projects in the last three years</p>	<p>4 National and 1 European</p>
 <p>Contact person e-mail WEB site</p>	<p>Fernando Rivera <a href="mailto:frivera@tecnopackaging.com">frivera@tecnopackaging.com</a> <a href="http://www.tecnopackaging.com">www.tecnopackaging.com</a></p>



## THREELLOP NANOTECHNOLOGY

---

	Address Created in	C/ Puig, 10 2B 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
	Contact person e-mail WEB site	Jose Daniel Llopis <b><a href="mailto:jdaniel.llopis@threellop.com">jdaniel.llopis@threellop.com</a></b> <b><a href="http://www.threellop.com">www.threellop.com</a></b>

## TOLSA S.A.






---



	Address Phone Created in	Ctra. Vallecas - Mejorada del Campo Km 1,6 28031 Madrid +34 913606900 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
	Contact person e-mail WEB site	Julio Santarén <b><a href="mailto:jsantaren@tolsa.com">jsantaren@tolsa.com</a></b> <b><a href="http://www.tolsa.com">www.tolsa.com</a></b>



## TORRECID S.A.

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 <p>Main Research Areas</p>	<p>Nanocoatings, Nanomaterials and Nanoparticles</p>
 <p>No. of employees in R&amp;D % Nanoscience and Nanotechnology (R&amp;D)</p>	<p>9 60</p>
 <p>No. of patents in the last three years</p>	<p>4</p>
 <p>Contact person e-mail WEB site</p>	<p>Carlos Concepcion <b>carlos.concepcion@torrecid.com</b> <b>www.torrecid.com</b></p>



## TRIMEK S.A.

 <p>Address Phone Created in</p>	<p>P. I. Islarra. Camino de la Yesera, 2 01139 Zuia - Alava +34 945430718 1993</p>
 <p>Main Research Areas</p>	<p>Manufacturing, Nanometrology and Nano-CMM Machines</p>
 <p>No. of employees in R&amp;D % Nanoscience and Nanotechnology (R&amp;D)</p>	<p>11 10</p>
 <p>Contact person e-mail WEB site</p>	<p>Fernando Larena <b>flarena@trimek.com</b> <b>www.trimek.com</b></p>

# N&N Companies in Spain

## UNIMETRIK S.A.

**UNIMETRIK**  
METROLOGY AND CALIBRATION



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Lautadako Industrialdea  
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1997



Main Research Areas

Manufacturing, Nanometrology  
Nanosensors and SPM



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

10  
20



No. of patents in the last three years

2



Contact person  
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**www.unimetrik.es**



## XEROLUTIONS S.L.



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C/ Genova, 7 5º izda.  
28004 Madrid  
+34 917022682  
2011



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



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## YFLOW SISTEMAS Y DESARROLLOS S.L.



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Parque Tecnológico de Andalucía.  
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2001



Main Research Areas

Encapsulation, Nanoparticles -  
Nanofibers and  
Electrospray/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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Ignacio González Loscertales  
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**www.yflow.com**



## ZF BIOLABS



Address  
Phone  
Created in

Ronda de Valdecarrizo 41B  
28760 Tres Cantos - Madrid  
+34 918049020  
2003



Main Research Areas

Nanobio and Nanotoxicology



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

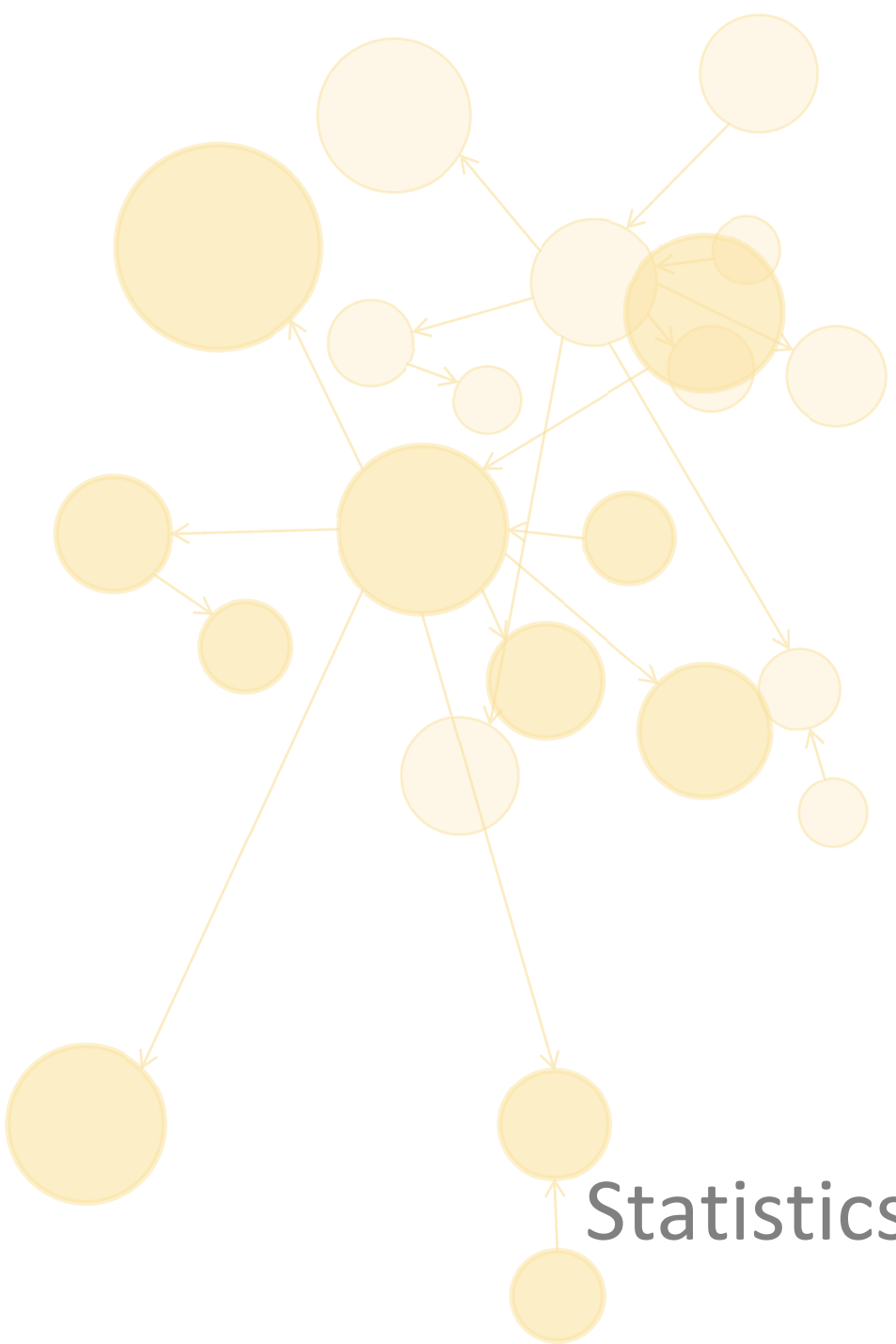
5  
10



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Erika Sela  
**esela@zfbio labs.com**  
**www.zfbio labs.com**



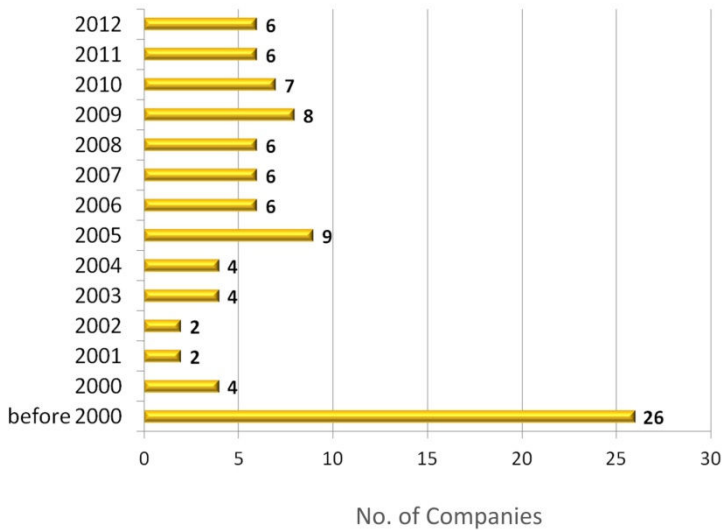


**Statistics**

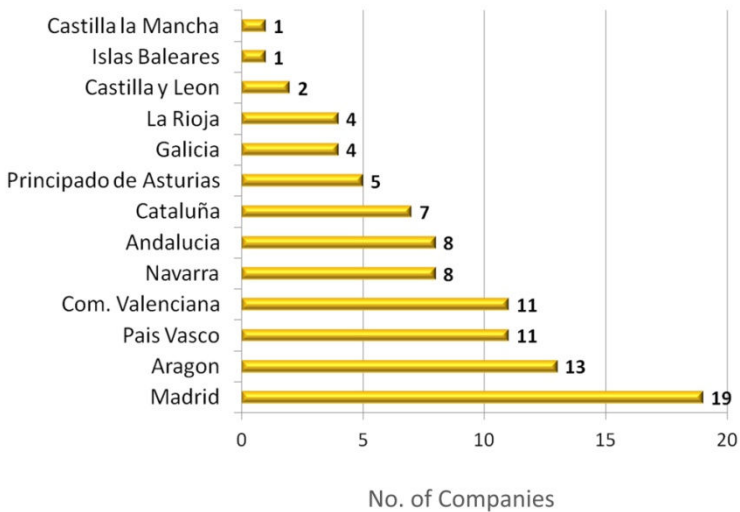




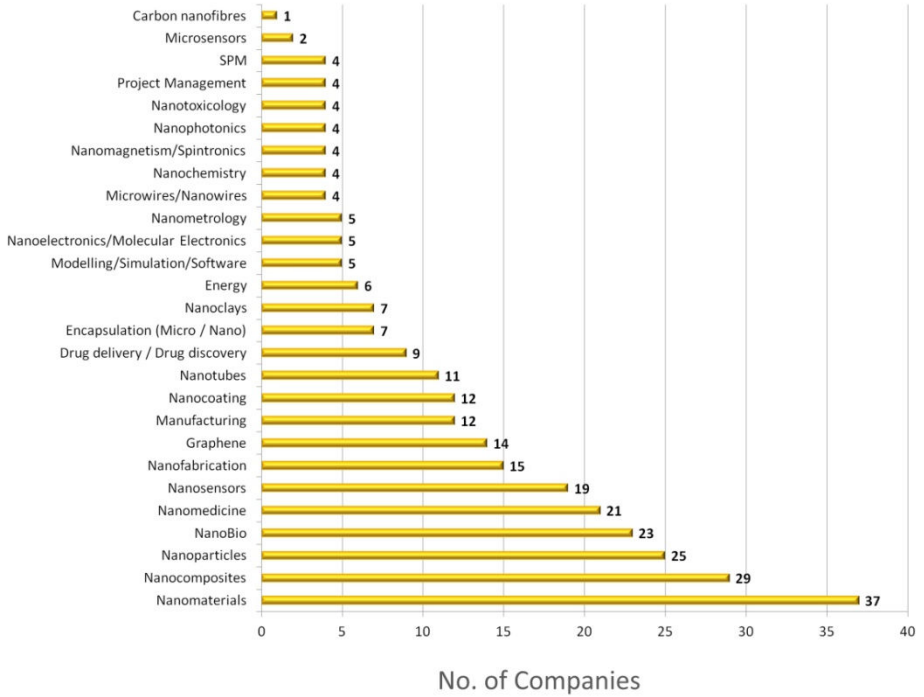
No. OF COMPANIES CREATED PER YEAR



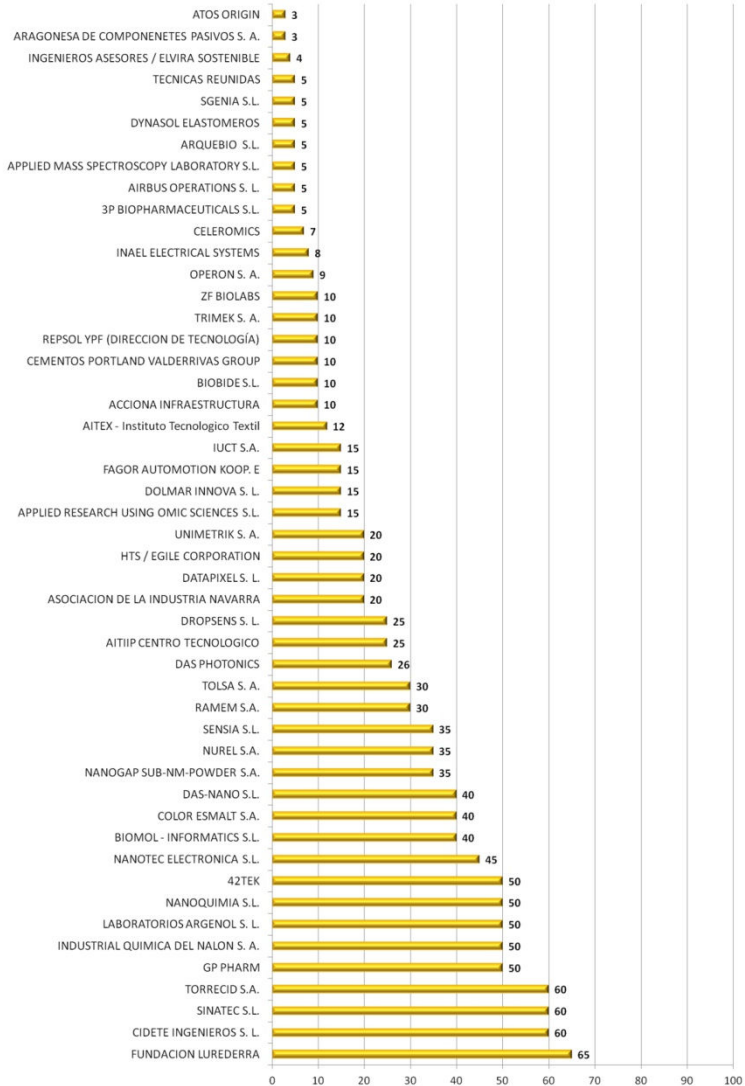
No. OF COMPANIES PER AUTONOMOUS COMMUNITY



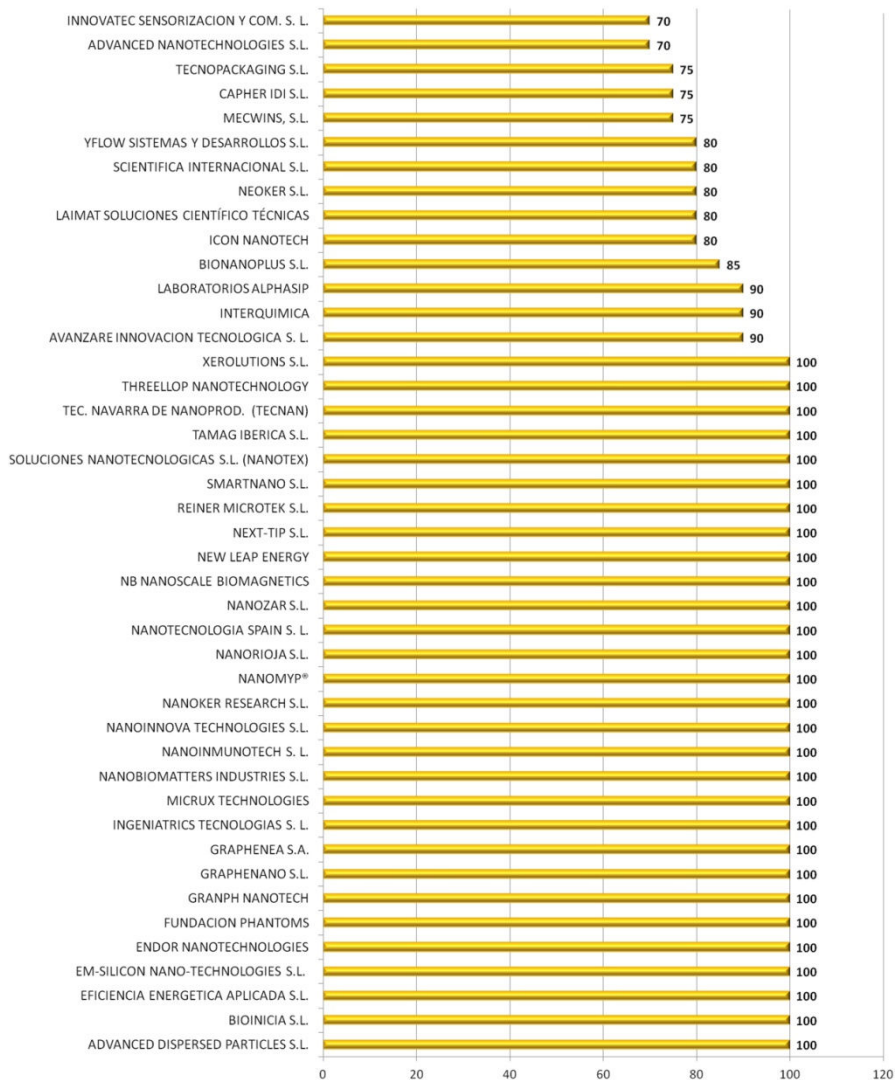
## No. OF COMPANIES PER RESEARCH TOPIC

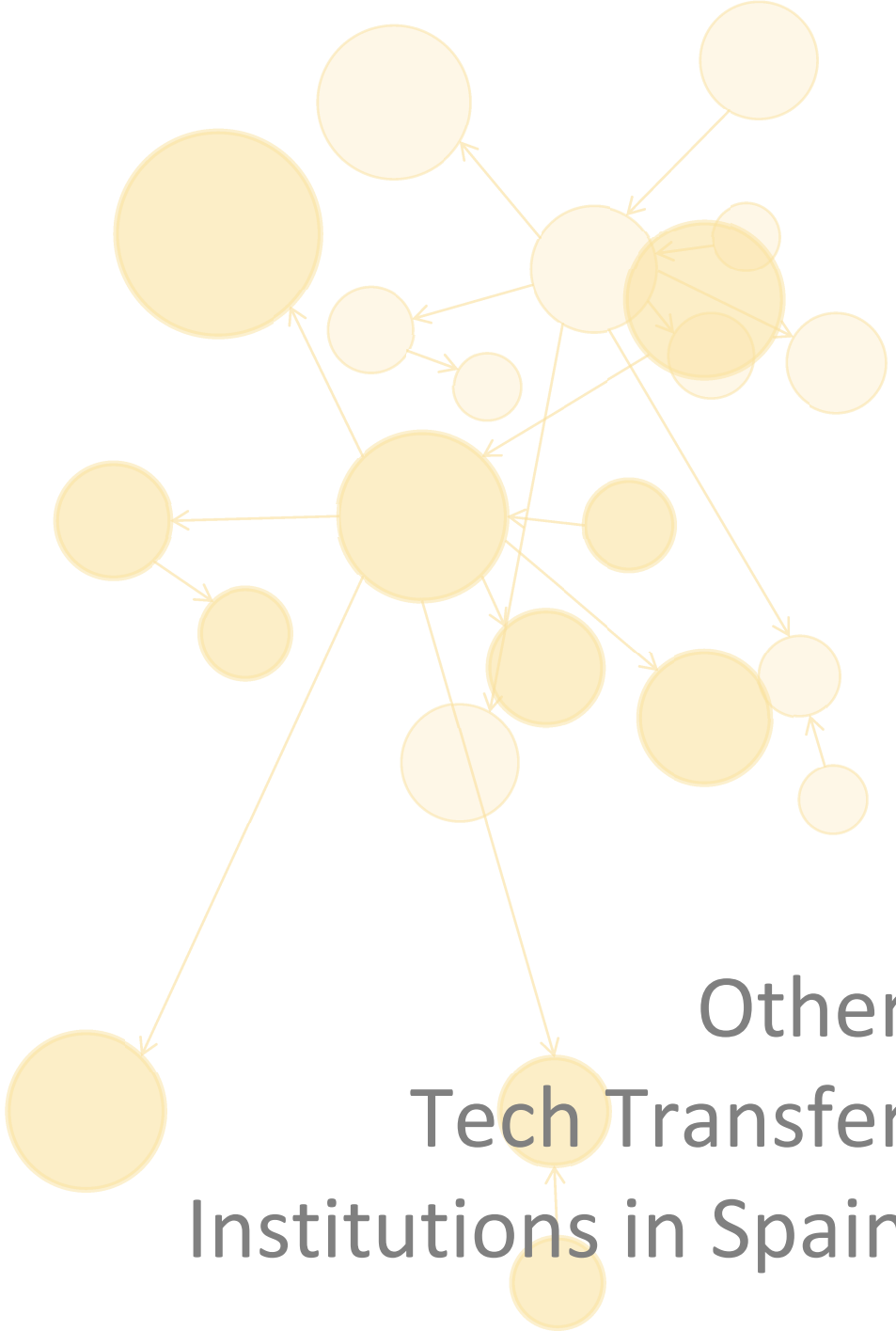


% ACTIVITY IN NANOSCIENCE & NANOTECHNOLOGY IN R&D



## % ACTIVITY IN NANOSCIENCE & NANOTECHNOLOGY IN R&D







Other  
Tech Transfer  
Institutions in Spain







## AGENCIA NANOBASQUE - SPRI



 <p>Address Phone Created in</p>	<p>Paseo Mikeletegi 56, 3<sup>a</sup> pl. 20009 San Sebastian +34 943308177 2008</p>
 <p>Contact person e-mail WEB site</p>	<p>Amaia Martínez Muro <b>nanobasque@spri.eu</b> <b>www.nanobasque.eu</b></p>

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



 <p>Address Phone Created in</p>	<p>C/ Benjamín Franklin, 13 46980 Paterna - Valencia +34 961366070 1984</p>
 <p>Main Research Areas % Activity in Nanoscience and Nanotechnology (R&amp;D)</p>	<p>Nanobio, Nanocoatings, Nanocomposites, Nanomaterials and Nanoparticles 10</p>
 <p>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</p>	<p>0/4 0/4 15 12</p>
 <p>Contact person e-mail WEB site</p>	<p>Manuel Belanche <b>mbelan@aidima.es</b> <b>www.aidima.es</b></p>

## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

### AIDO - INSTITUTO TECNOLÓGICO DE ÓPTICA, COLOR E IMAGEN



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Phone  
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46980 Paterna - Valencia  
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1988



% 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



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València Parc Tecnològic  
C/ Gustave Eiffel, 4  
46980 Paterna - Valencia  
+34 961366040  
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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Sergio Giménez  
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**www.aimplas.net**



## AINIA TECHNOLOGY CENTRE



Address  
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Created in

C/ Benjamín Franklin, 5-11  
46980 Paterna - Valencia  
+34 961366090  
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 2



No. of patented technologies in the last three years 2

No. of technology offers in the last three years 3

No. of funded projects in the last three years 3



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Carlos Enguix  
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**www.ainia.es**

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

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




Address  
Phone  
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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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Josefina Garrido Lova  
**j.garrido@cetem.es**  
**www.cetem.es**

## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

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



Address  
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Edif Nexus. Camino de la Vera s/n  
46022 Valencia  
+34 963877066  
1989



Main Research Areas

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

% Activity in Nanoscience and Nanotechnology (R&D) 8



No. of patents in the last three years

20

No. of patented technologies in the last three years

7

No. of funded projects in the last three years

90



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**www.ctt.upv.es**

### CEM - CENTRO ESPAÑOL DE METROLOGÍA



Address  
Phone  
Created in

C / Alfar, 2  
28760 Tres Cantos - Madrid  
+34 918074716  
1991



Main Research Areas

Nanometrology, metrological  
SPMs, physical standards,  
traceability to nanoscale,....

% Activity in Nanoscience and Nanotechnology (R&D) 10



No. of technology offers in the last three years

4

No. of funded projects in the last three years

10



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## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

### 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, 1º 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 <a href="mailto:bperez@ciber-bbn.es">bperez@ciber-bbn.es</a> / <a href="mailto:info@ciber-bbn.es">info@ciber-bbn.es</a> <a href="http://www.ciber-bbn.es">www.ciber-bbn.es</a>

### CNIC - FUNDACIÓN CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III



---

	Address Phone Created in	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
	Contact person e-mail WEB site	Jesús Ruiz-Cabello <a href="mailto:proyectos_otri@cnic.es">proyectos_otri@cnic.es</a> <a href="http://www.cnic.es">www.cnic.es</a>





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## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

### FGUVA - FUNDACIÓN GENERAL DE LA UNIVERSIDAD DE VALLADOLID







Universidad de Valladolid

	Address Phone Created in	Plaza Santa Cruz, 5 45002 Valladolid +34 983186353 1996
	Main Research Areas  % Activity in Nanoscience and Nanotechnology (R&D)	Nanomedicine, Simulations Nanoelectronics, Cellular Materials, Nanocomposites  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
	Contact person e-mail WEB site	Yolanda Calvo Conde <b>promotores@funge.uva.es</b> <b>www.funge.uva.es</b> <b>http://cytuva.funge.uva.es/es/</b>

### FUNDACIÓN PRIVADA ASCAMM (ASCAMM TECHNOLOGY CENTRE)



	Address Phone Created in	Parc Tecnològic del Vallès Avenida Universitat Autònoma 23, 08290 Cerdanyola del Vallès - Barcelona +34 935944700 1996
	Main Research Areas  % Activity in Nanoscience and Nanotechnology (R&D)	Nanocomposites, Nanowires, Nanostructured surfaces, Nano-scalability  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
	Contact person e-mail WEB site	Jordi Romero <b>info@ascamm.com</b> <b>www.ascamm.com</b>

## FUNDACIÓN UNIVERSIDADE DA CORUÑA



Address  
Phone  
Created in

Paseo de Ronda 47, 2º  
15011 A Coruña  
+34 981167000 Ext. 1000-1168  
1997



Main Research Areas

Nanocomposites, Nanogluers

% Activity in Nanoscience and Nanotechnology (R&D) 5



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## BIOEF - FUNDACIÓN VASCA DE INNOVACIÓN E INVESTIGACIÓN SANITARIAS



Address  
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Created in

Plaza Asua, 1  
48150 Sondica - Vizcaya  
+34 944536849  
2002



Main Research Areas

Nanobiomaterials and  
nanomedicine

% Activity in Nanoscience and Nanotechnology (R&D) 3,23



No. of funded projects in the last three years

21



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# OTHER TECH TRANSFER INSTITUTIONS IN SPAIN



## GAIKER - IK4



Address  
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Parque Tec. de Bizkaia, Edf 202.  
48170 Zamudio - Bizcaia  
+34 946002323  
1985



Main Research Areas

Nanosafety, nanomedicine,  
nanocomposites, nano-coatings,  
Electronic Microscopy Services,  
Functionalisation of micro/nano  
paraticles, Formulation and  
Compounding, Micro-encapsulation and  
Supercritical fluids

% Activity in Nanoscience and Nanotechnology (R&D) 15



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

46  
34



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## INA - INSTITUTO DE NANOCIENCIA DE ARAGÓN



Instituto Universitario de Investigación  
en Nanociencia de Aragón  
Universidad Zaragoza



Address  
Phone  
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C/ Mariano Esquillor s/n  
50018 Zaragoza  
+34 876555359  
2003



Main Research Areas

Carbon nanofibres, Drug delivery / discovery,  
Encapsulation (Micro / Nano), Energy, Graphene,  
Manufacturing, Microsensors, Micro/Nanowires,  
Modelling/Simulation/Software, Nanobio, Nanochemistry,  
Nanodays, 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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# OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

## IBV - INSTITUTO DE BIOMECÁNICA DE VALENCIA



Address  
Phone  
Created in

Univ. Politécnica de Valencia.  
Edificio 9C. Camino Vera s/n  
46022 Valencia  
+34 963879160  
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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**www.ibv.org**

## ITC - INSTITUTO DE TECNOLOGÍA CERÁMICA



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Campus Riu Secl. Avda. Sos Baynat s7n  
12006 Castellón  
+34 964342424  
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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## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

### OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDAD AUTONOMA DE MADRID



Address  
Phone  
Created in

Ciudad Univ. de Cantoblanco  
C/Enstein, 13, Pab. C, 2planta  
28049 Madrid  
+34 914973988  
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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e-mail  
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Ivan Manzanares Recio  
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### OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDAD DE GRANADA



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Complejo Administrativo Triunfo. Pab.  
1 1ª 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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Laura Plaza Montoya  
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# OTHER TECH TRANSFER INSTITUTIONS IN SPAIN





## OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDAD DE CASTILLA LA MANCHA



	Address Phone Created in	Plaza Universidad, 2 02071 Albacete +34 967599235 1995
	Main Research Areas  % Activity in Nanoscience and Nanotechnology (R&D)	2  Fullerene-based nanomaterials Nanocomposites (polymer gels, polymer-nanoparticles, polyelectrolytes) Magnetic nanostructures: Nanowires and thin films, Magnetic nanoparticles
	No. of technology offers in the last three years No. of funded projects in the last three years	3 10
	Contact person e-mail WEB site	Gerardo Márquez <b>Gerardo.marquet@uclm.es</b> <b><a href="http://otri.uclm.es">http://otri.uclm.es</a></b>

## OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDADE VIGO

UniversidadeVigo

	Address Phone Created in	Campus Universitario Lagoas Marcosende. 36310 Vigo +34 986812236 1991
	Main Research Areas  % Activity in Nanoscience and Nanotechnology (R&D)	5-10  Nanofluids, Nanoparticles, Nanostructures, Nanowire, Nanomaterials, Nanocomposites, Nanosemiconductor, Nanocatalysis, Nanoplasmonic, Bionanoplasmonic
	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
	Contact person e-mail WEB site	Ángeles López Lozano <b>dirottri@uvigo.es</b> <b><a href="http://www.uvigo.es/uvigo_en/investigacion/transferencia/">www.uvigo.es/uvigo_en/investigacion/transferencia/</a></b>

## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

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### CSIC - SPANISH NATIONAL RESEARCH COUNCIL



Address  
Created in

C/ Serrano, 117  
28006 Madrid  
1907



% Activity in Nanoscience and Nanotechnology (R&D) 18



No. of patents in the last three years 516 total  
No. of patented technologies in the last three years 92 nano



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### UNIVERSIDAD CATÓLICA SAN ANTONIO DE MURCIA



Address  
Phone  
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Avda. de Los Jerónimos s/n  
30107 Guadalupe - Murcia  
+34 968278869  
1996



Main Research Areas

Biotech, Drug discovery and  
Nanoencapsulation

% Activity in Nanoscience and Nanotechnology (R&D) 5



No. of technology offers in the last three years 7  
No. of funded projects in the last three years 10



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José Luis Mendoza García  
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**http://bio-hpc.eu**

# OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

## UNIVERSIDAD DE ALICANTE



Address  
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SGITT-OTRI (Ed Torre de Control)  
Ctra. San Vicente del Raspeig s/n  
03690 San Vicente del Raspeig - Alicante  
+34 965909959  
1979



Main Research Areas

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

% Activity in Nanoscience and Nanotechnology (R&D) 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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## OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDAD DE CANTABRIA



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Pabellón de Gobierno  
Avda. de los Castros s/n  
39005 Santander  
+34 942201029  
1973



Main Research Areas

Nanobiomedicine, Nanomaterials  
and Nanosensors  
7 Activity groups,

% Activity in Nanoscience and Nanotechnology (R&D) 5 to 40 % activity in R&D in N&N



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

2  
2  
17



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## OTHER TECH TRANSFER INSTITUTIONS IN SPAIN

UNIVERSIDAD DE  
MURCIA



### OFICINA DE TRANSFERENCIA DE RESULTADOS DE INVESTIGACIÓN (OTRI) - UNIVERSIDAD DE MURCIA



Address  
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Campus Universitario de Espinardo.  
Edif. Rector Soler, 1º planta  
30003 Murcia  
+34 868888637  
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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Universidad  
de Navarra

### UNIVERSITY OF NAVARRA



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Campus Universitario s/n  
31008 Pamplona - Navarra  
+34 948176748  
1952



Main Research Areas

Nanocomposites and  
Nanomedicine

% Activity in Nanoscience and Nanotechnology (R&D) 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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servicios-para-empresas**

## UVEG - UNIVERSITAT DE VALÈNCIA ESTUDI GENERAL



Address  
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Avda. Blasco Ibañez, 13  
46003 Valencia  
+34 963864044  
1989



Main Research Areas

% Activity in Nanoscience and Nanotechnology (R&D) 4

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



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

19  
482



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**Edited by**



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Coordinated & edited by



Funding agencies

