

#innovacion
#financiacion
#asesoramiento
#internacionalizacion



@CDTIoficial

What can CDTI do for R&D&I Activities in Spanish Nanotechnology companies?

M^a del Pilar de Miguel Ortega
Material Technical Expert
Directorate Cooperation and Promotion
CDTI
mariapilar.demiguel@cdti.es

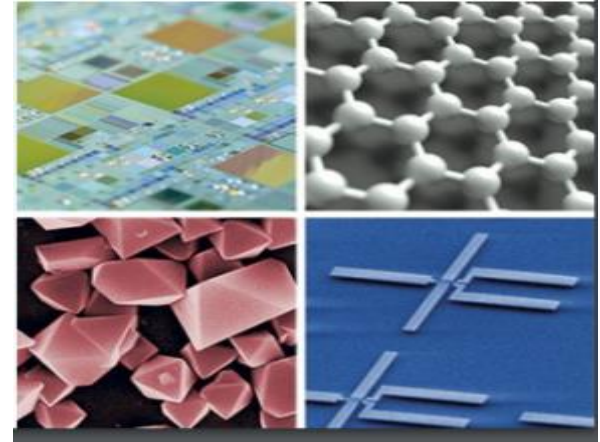
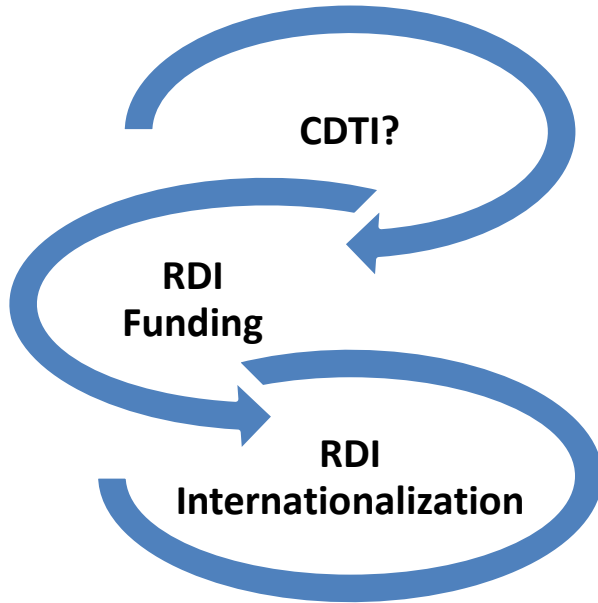
Bilbao, 13 March 2018



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

Content



What is CDTI?



Financing Agencies: **AEI+CDTI**

Secre. G. de Ciencia e Innovación



CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

What is CDTI?

Center for Industrial Technological Development

Business innovation financing agency



Enhance Spanish companies' competitiveness and productivity through innovation

Since 1977...

- ✓ More than 13.000 companies successfully funded
- ✓ 23,500 M€
 - Direct Funding 14,700 M€
 - Return from International Programs 8,800 M€*

*Frame Programme, ESA, European Research Infrastructures

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



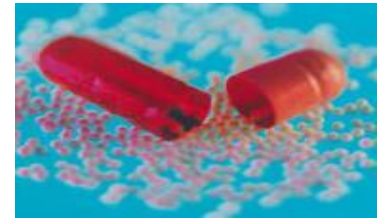
UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

Where can CDTI be found?



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

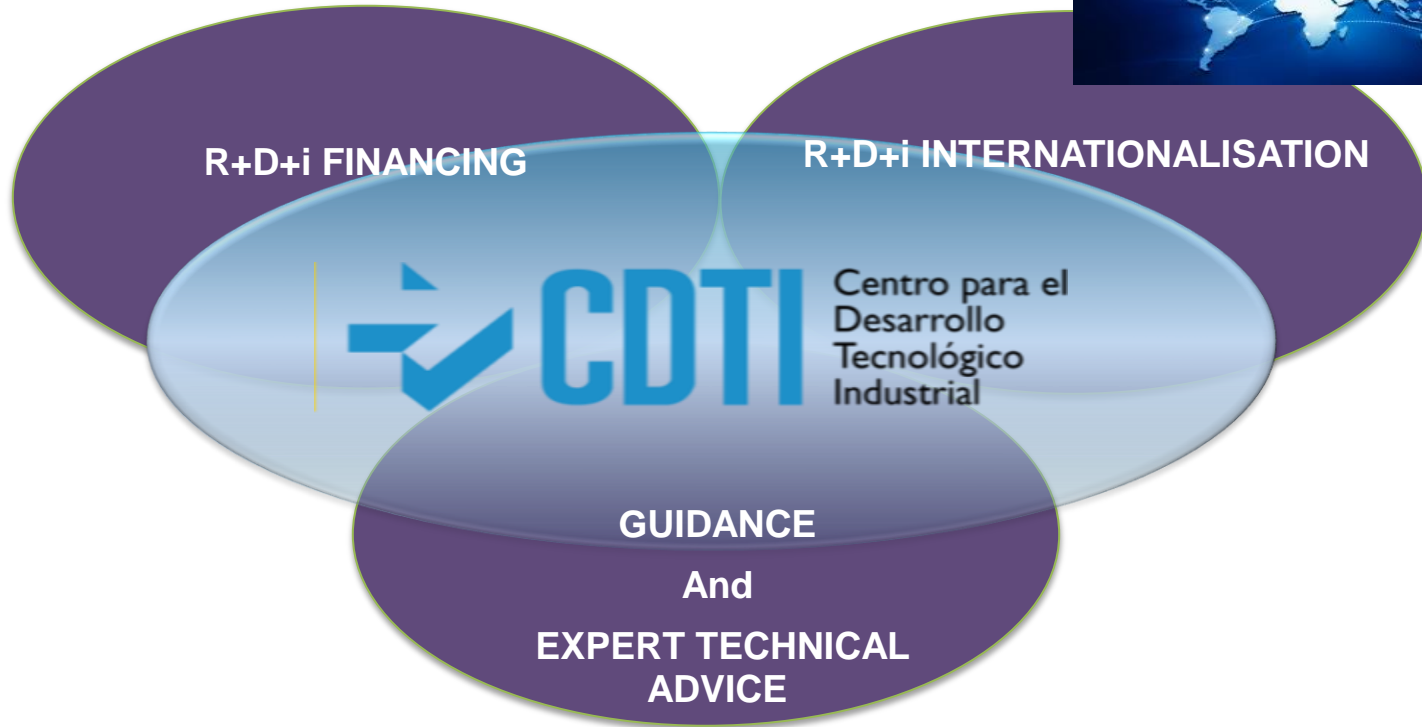
CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

What are CDTI fundamental pillars?



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

(23/03/2018)



CDTI Centro para el Desarrollo Tecnológico Industrial

@CDTIoficial

Guidance and Expert Advice

300 people

✓ Spain



CDTI external network

Bélgica –SOST, Japón, Corea, Chile, Marruecos, China, India, México y EEUU. Ampliación de la red finales 2013: Sudáfrica, Egipto, Argelia, Canadá, Argentina, Colombia, Taiwán, Malasia, Australia, Singapur, Indonesia, Tailandia, Emiratos Árabes, Turquía, Israel, Rusia



✓ **PI+D+i: NETWORK** for RDI
Information with 150 info desks



<http://www.redpidi.es>

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

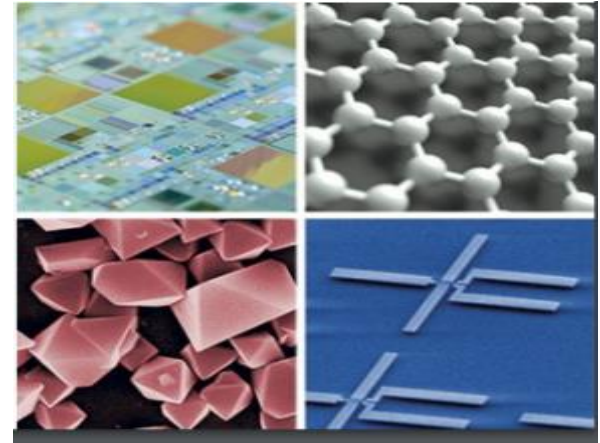
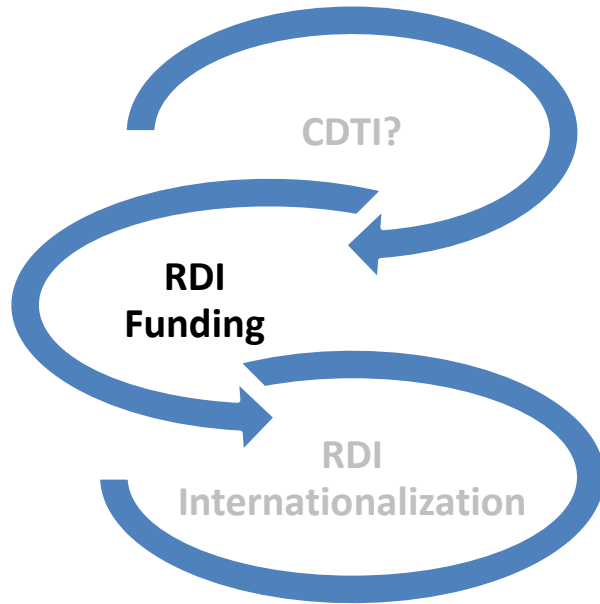


UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa



@CDTIoficial

Content



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



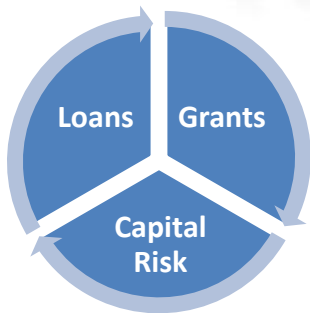
@CDTIoficial

RDI funding

GENERAL CHARACTERISTICS AND REQUIREMENTS



RDI funding



Linked Report
for Corporate Tax
Reduction of a % of RD
expenses

Creation of an innovative company. Early stages

Neotec **GRANT**
Invierte **CAPITAL RISK**

RD Projects

LOAN + up to 33% non-repayable*

Innovation Projects /Investment

LOAN

RD International Projets

LOAN + 33% non-repayable*
GRANT: Innoglobal, Eurostars and Eranets Cofund

Loans up to 75%*
Fixed interest rate
Euribor

Long recovery: 10 years
includes a grace period
(2-3 years)



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

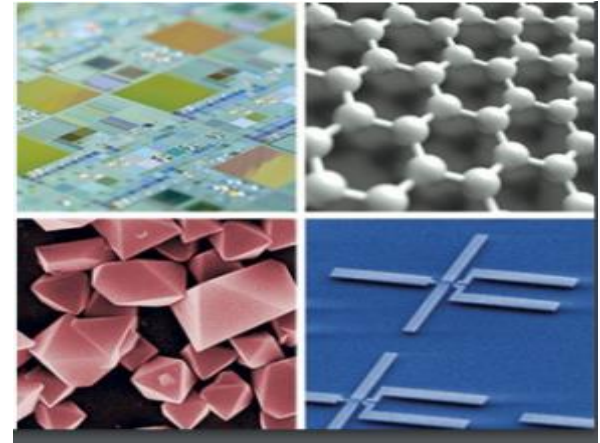
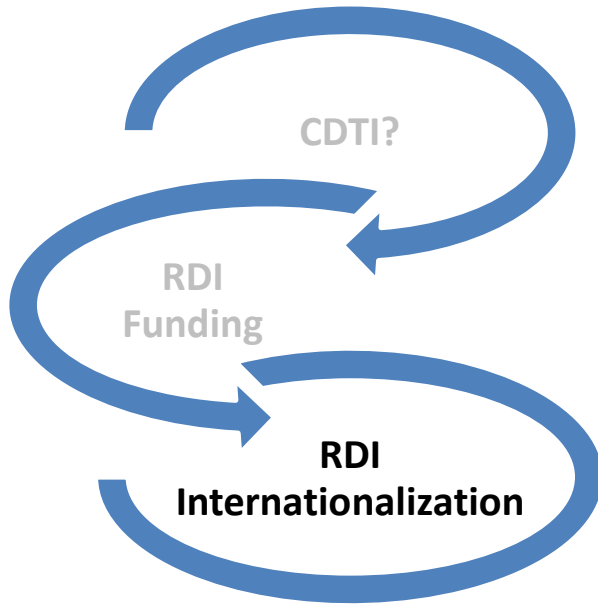
CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

Content



International Programmes



Management and Promotion

Delegates

National Contact Points

Technological International cooperation Programmes

Management, Promotion, Evaluation and Funding :

- Multilaterales (Eureka /Iberoeka)
- Bilaterales
- Unilaterales
- Eurostars
- ERANET COFUND



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

RDI

Internationalization

EUREKA, IBEROEKA, BILATERALES,
UNILATERALES



86 countries

| | | |
|------------------------|------------|----------------------|
| Alemania | Estonia | Países Bajos |
| Argelia | Finlandia | Pakistán |
| Argentina | Filipinas | Panamá |
| Australia | Francia | Paraguay |
| Austria | Grecia | Perú |
| Bangladesh | Guatemala | Polonia |
| Bélgica | Honduras | Portugal |
| Bolivia | Hungría | Reino Unido |
| Brasil | India | República Checa |
| Bulgaria | Indonesia | República Dominicana |
| Camboya | Islandia | Rumania |
| Canadá | Irlanda | Rusia |
| China | Italia | San Marino |
| Chile | Japón | Serbia |
| Chipre | Letonia | Singapur |
| Colombia | Laos y | Sri Lanka |
| Corea del Sur | Myanmar | Suecia |
| Costa Rica | Líbano | Sudáfrica |
| Croacia | Lituania | Suiza |
| Cuba | Luxemburgo | Tailandia |
| Dinamarca | Macedonia | Taiwán |
| Ecuador | Malta | Túnez |
| Egipto | Malasia | Turquía |
| El Salvador | Marruecos | Ucrania |
| Emiratos Árabes Unidos | México | Uruguay |
| Eslovaquia | Mónaco | Venezuela |
| Eslovenia | Montenegro | Vietnam |
| España | Nicaragua | |
| EEUU | Noruega | |



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



@CDTIoficial

RDI Internationalization



Multilateral & Bilateral Programmes International Projects with Unilateral CDTI Certification

- ✓ Objective: to achieve an **effective technological cooperation**
- ✓ **Market focused with no R&D lines predefined** (No thematic restrictions)
- ✓ At least **two enterprises** from **two different countries**
- ✓ **Balanced consortia**, symmetrical-based collaboration
- ✓ **Open call** , excluding Eurostars.
- ✓ **National evaluation** procedures & **funding**
- ✓ **Decentralized funding**: each country funds their entities

**SPAIN: LOAN +33% non-repayable
or
GRANT (Innoglobal)**

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

RDI Internationalization



Joint programme between EUREKA and EU



International cooperation

Two cut-off per year
NEXT: 13/09/2018



Dedicated to **R&D-performing SMEs**



Market-oriented

Non thematic restrictions



Centralized Evaluation

Decentralized Funding
SPAIN: GRANT

RDI Internationalization

ERANET-COFUND

- ERA-NET Cofund under Horizon 2020 is designed to support *public-public partnerships*, including *joint programming initiatives* between Member States.
- Several MS in a consortium (ministries/funding agencies) establish one or several common calls with top up financing from EC



CLOSED

Decentralized Funding

RDI Internationalization



Three pri

Centralized Funding

and NCP

Partnership

Societal challenges

A large blue diagonal banner with the text "Centralized Funding" is overlaid on a background slide. The background slide has a dark blue background with yellow and light blue circles. The text "Three pri" is at the top, "and NCP" is in the middle, and "Partnership" and "Societal challenges" are in two circles at the bottom.

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial

+info



@CDTloficial



UNION EUROPEA
Fondo Europeo de
Desarrollo Regional (FEDER)
Una manera de hacer Europa

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTloficial