Existing collaborations and new opportunities

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What is CDTI?

Center for Industrial Technological Development

Business innovation funding agency

Enhance Spanish companies’ competitiveness and productivity through innovation

Since 1977...

✓ More than 26,000 projects funded

✓ 25,200 M€

– Direct Funding 15,500 M€
– Return from International Programs 9,700 M€*

*Framework Programme, ESA, European Research Infrastructures

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.
Past /Present/Future

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PROGRAMME
“ENVIRONMENTAL AND CLIMATE CHANGE-RELATED RESEARCH AND TECHNOLOGY”
PROGRAMME’S OBJECTIVE: to increase the development and application of technology that benefits the environment.

To achieve it, two outputs have been established:

• Increased number of enterprises producing innovation in the targeted sector. The output indicator is the number of enterprises funded under this Programme, set in 60 enterprises.
• Knowledge transfer from universities and research institutions, measured through the number of contracts with universities/research centres in funded projects, set in 10 contracts

Budget: 18,472,132 Euros, with a grant from the EEA 18,215,000 Euros.

Donor programme partner: Innovation Norway
RESULTS OF THE CALLS. Projects funded

<table>
<thead>
<tr>
<th></th>
<th>PROJECTS SUBMITTED</th>
<th>PROJECTS SIGNED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects</td>
<td>339</td>
<td>174</td>
</tr>
<tr>
<td>Number of contracts</td>
<td>377</td>
<td>189</td>
</tr>
<tr>
<td>Thematic area</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environment</td>
<td>138</td>
<td>67</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>103</td>
<td>63</td>
</tr>
<tr>
<td>Renewable Energy</td>
<td>84</td>
<td>54</td>
</tr>
<tr>
<td>Climate change</td>
<td>14</td>
<td>5</td>
</tr>
<tr>
<td>Contracts signed with cooperation donor countries</td>
<td>83</td>
<td>53 (49 Norwegian and 4 Icelandic)</td>
</tr>
<tr>
<td>Budget</td>
<td>€249,547,008</td>
<td>€ 114,052,380</td>
</tr>
<tr>
<td>Aid granted</td>
<td>--</td>
<td>€ 88,994,840</td>
</tr>
<tr>
<td>TNR (EEA Grants) granted</td>
<td>--</td>
<td>€ 16,299,808</td>
</tr>
</tbody>
</table>
# RESULTS OF THE CALLS. Collaborations with NTNU

<table>
<thead>
<tr>
<th>INGETEAM POWER TECHNOLOGY SOCIEDAD ANONIMA</th>
<th>HIGH EFFICIENT POWER CONVERTERS FOR MIDDLE-VOLTAGE MULTI-MEGAWATT OFFSHORE WIND ENERGY GENERATION WITH 4,5MW MODULES</th>
</tr>
</thead>
<tbody>
<tr>
<td>INGETEAM POWER TECHNOLOGY SOCIEDAD ANONIMA</td>
<td>NEW TECHNOLOGIES 'FULL-CONVERSION' FOR THE INCREASE OF THE ENERGY DENSITY AND OF THE RATIO POWER- COST IN WIND GENERATION OFFSHORE</td>
</tr>
</tbody>
</table>
Past / Present / Future
Leading platform for international cooperation

Intergovernmental network

Supporting market-oriented R&D projects

Facilitating access to finance
EUREKA instruments

Network projects

Cluster projects

Eurostars projects

> 45 countries

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NETWORK PROJECTS

- Innovative product, process or service with a civilian purpose
- No thematic restrictions but projects need to reflect market demand
- Participants from at least two EUREKA countries
- National evaluation procedures & funding

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**EUREKA CLUSTERS**

**Industry led initiatives**
- Medium term
- Strategically significant
- International ecosystem of R&D&I actors

**Large number of participants**
- Major European industries
- Large SME participation (30–50% of partners)
- Research organisations and academia

**Fostering European competitiveness**
- Develop generic technologies and standards
- Address economic and societal challenges
EUROSTARS IS ...

Joint programme between EUREKA and EU

International cooperation

Dedicated to R&D-performing SMEs

Bottom-up

Market-oriented

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## RESULTS OF THE CALLS. Collaborations with Norway

<table>
<thead>
<tr>
<th>Year</th>
<th>Eureka</th>
<th>Cluster</th>
<th>Eurostars</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>2018</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>2019</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>
H2020 RESULTS

ALEMANIA: 5.998 M€ (16,5%)
REINO UNIDO: 5.474 M€ (15,2%)
FRANCIA: 4.345 M€ (12,1%)
ESPAÑA: 3.638 M€ (10,1%)
ITALIA: 3.263 M€ (9,1%)
HOLANDA: 3.160 M€ (8,8%)

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BUDGET RETURN & LEADERSHIP EVOLUTION IN THE FP

H2020 Provisional (2014-2017*)

Leadership

Return

Proyectos colaborativos RIA/IA

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+info sobre programas y ayudas CDTI para proyectos de I+D empresarial e innovación

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