

BILATERAL EGYPTIAN AND SPANISH APPLIED R&D: THE CDTI – ROLE AND FUNDING



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International

What is CDTI?

- ✓ Created in 1977.
- ✓ Spanish Public Agency of Innovation (Ministry of Science, Innovation and Universities) financing the Spanish private companies R&D.
- ✓ Focal point for the promotion, assessment and funding of technological innovation close to the market.
- ✓ Open to all sectors, technologies and fields with a civil purpose.
- ✓ Bottom-up projects: the partners involved decide freely the topic of the project, not the CDTI.
- ✓ The main CDTI goal is to increase the competitiveness of the Spanish companies by raising its technological profile based on technological excellence and by easing them to provide innovative solutions to the market.

What is CDTI?

**Over 40 years supporting Spanish business
R&D&i (Accumulated data until 2018)**

26,000 Projects funded



Projects R&D&i

Technological modernization

Participation in International Programs

Access to global markets through innovation

Work with foreign partners



EUR €26,5 billion:

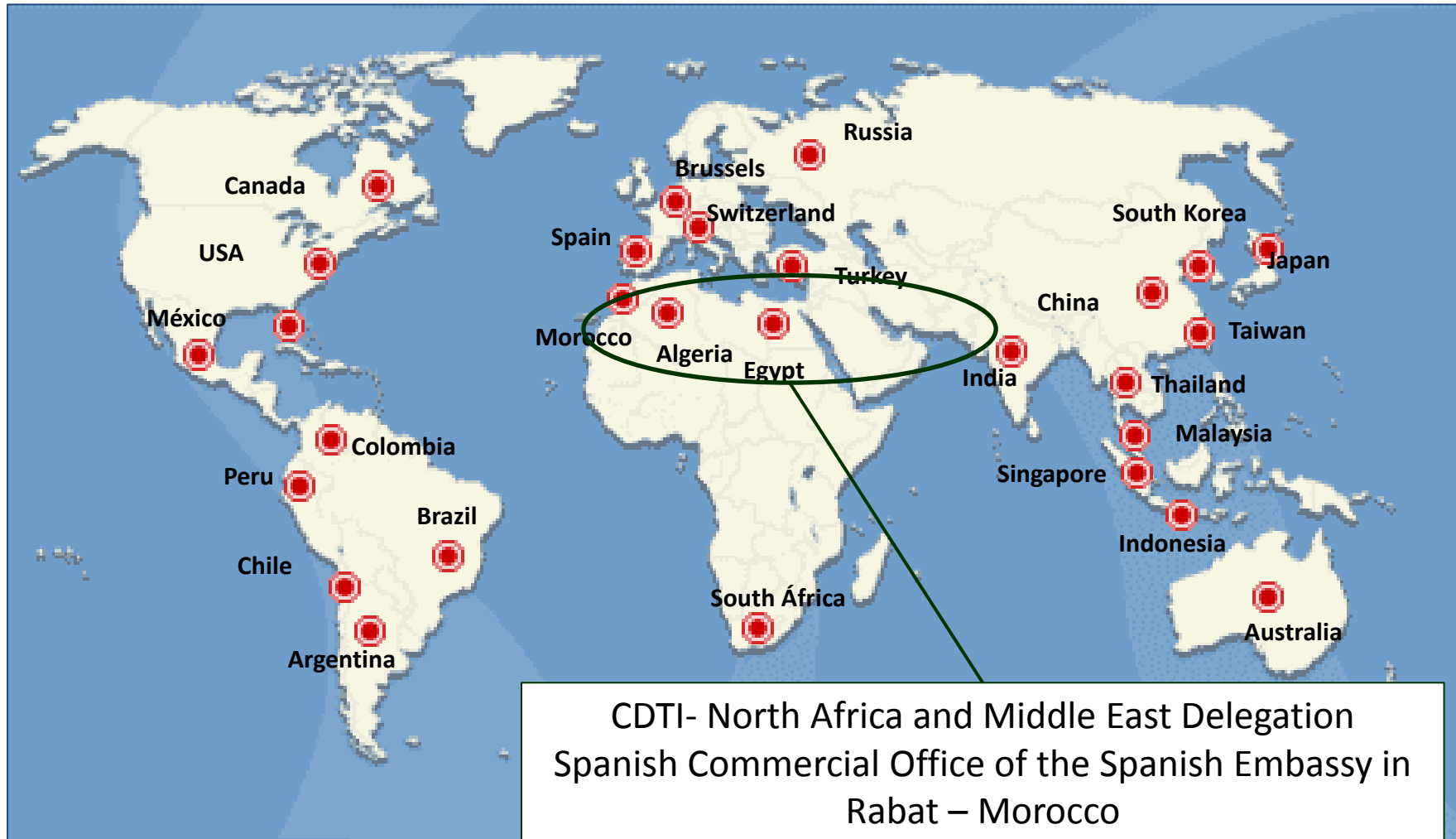
direct funding €16,3 billion +

return of International Programs €10,2 billion

How does CDTI help the Spanish companies?

- ✓ Evaluation and funding of their R&D&i activities
- ✓ Providing the reports towards tax exemption related to R&D&i
- ✓ Supporting the creation and consolidation of new technology based companies (start-ups)
- ✓ Fostering technological knowledge sharing through Multilateral (H2020, EUREKA, IBEROEKA, PRIMA) and Bilateral international partnerships
- ✓ Involvement in Aeronautics, Space and Industrial Key Programmes (CERN/ESRF, Hispasat, etc.)
- ✓ Supporting their technological transfer: **CDTI Foreign network**





CDTI- North Africa and Middle East Delegation
Spanish Commercial Office of the Spanish Embassy in
Rabat – Morocco
Permanent representative in the Spanish Commercial
Office in Dokki-Cairo

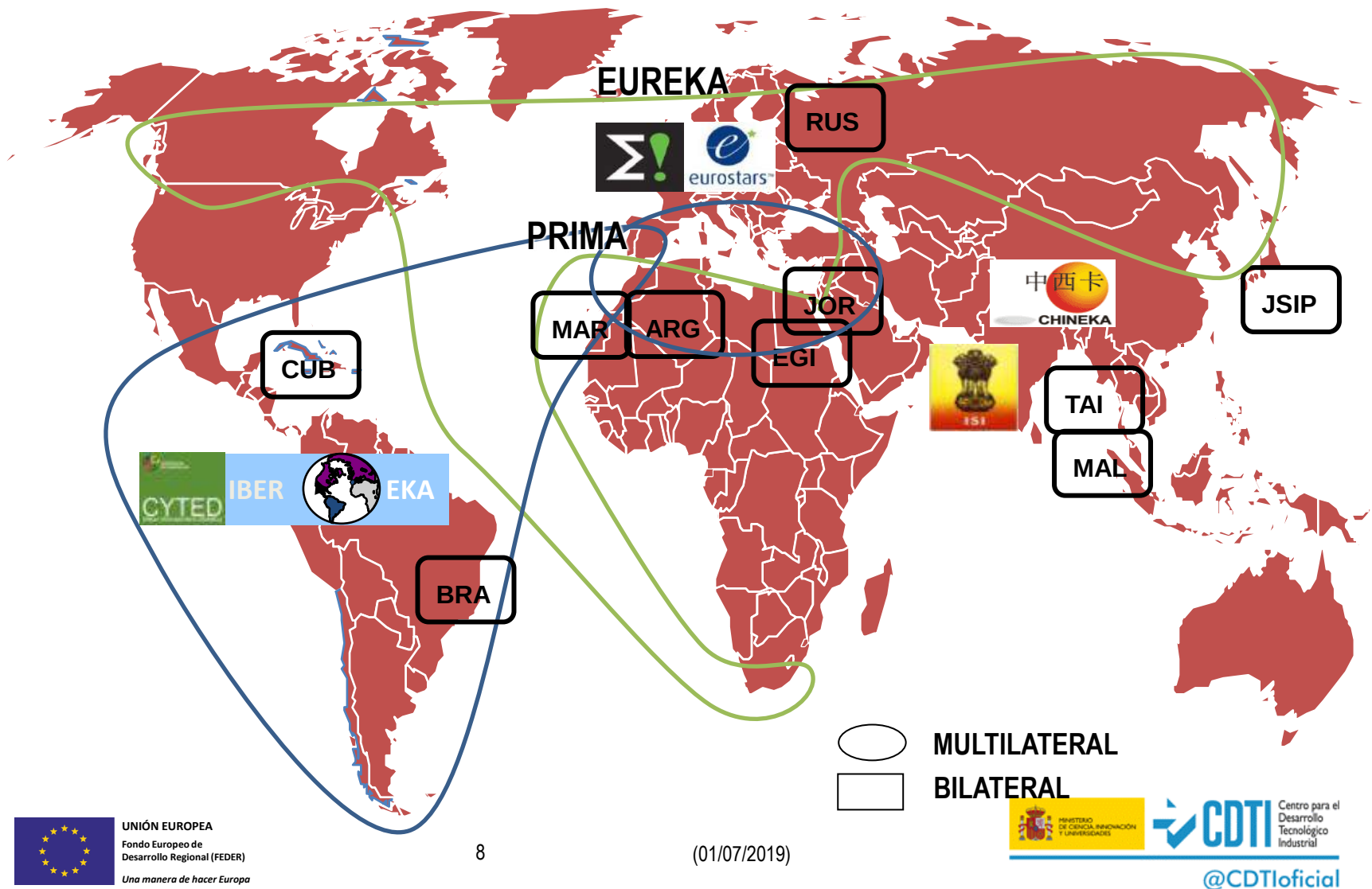
CDTI international policy

We want to achieve an effective technological cooperation involving Spanish companies to obtain R&D projects ...

- ✓ Technologically innovative
- ✓ Focus on the market needs
- ✓ Bottom-up technologies
- ✓ At least two entities from two different countries
- ✓ Balanced consortia
- ✓ Domestic funding and regulation: each country funds their own entities under their own rules

R&D&i Internationalization

Multilateral & Bilateral Programs



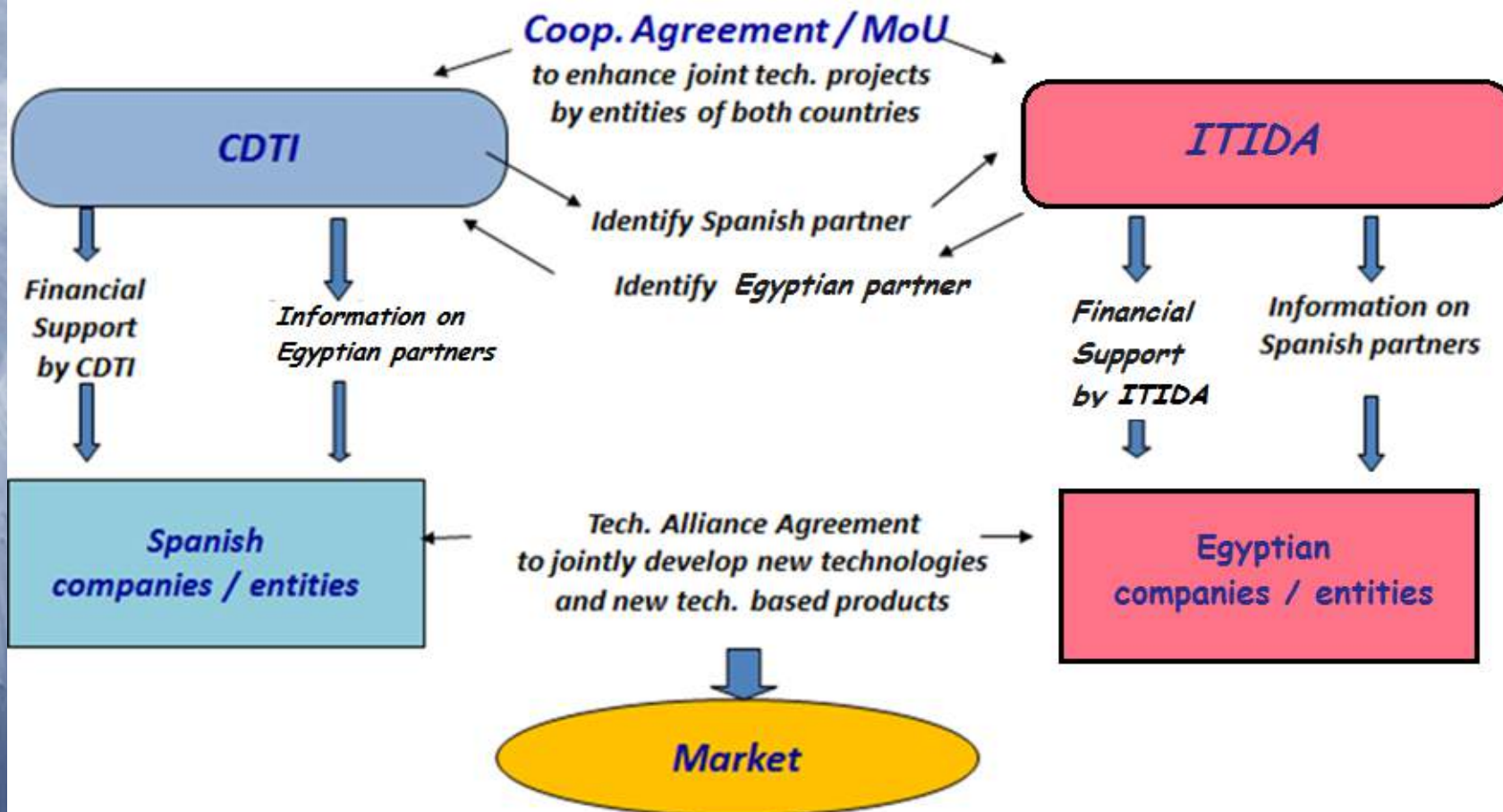
Egyptian-Spanish R&D Calls framework

- CDTI has two Bilateral Agreements with two Egyptian Funding Agencies (ITIDA of the Ministry of ICT and STDF of the Ministry of Higher Education) to launch joint Calls with funding in both countries for beneficiaries
- Both Calls require the involvement of Egyptian Research institutions in the consortium
- For private to private R&D partnerships, we have a third option called “UNILATERAL” (no Egyptian funding agency) where Egyptian partners should identify its funding sources (self-funding or other National Calls)

ESITIP R&D Call

Funding agencies ITIDA (EG) & CDTI (SP)

3. ESITIP

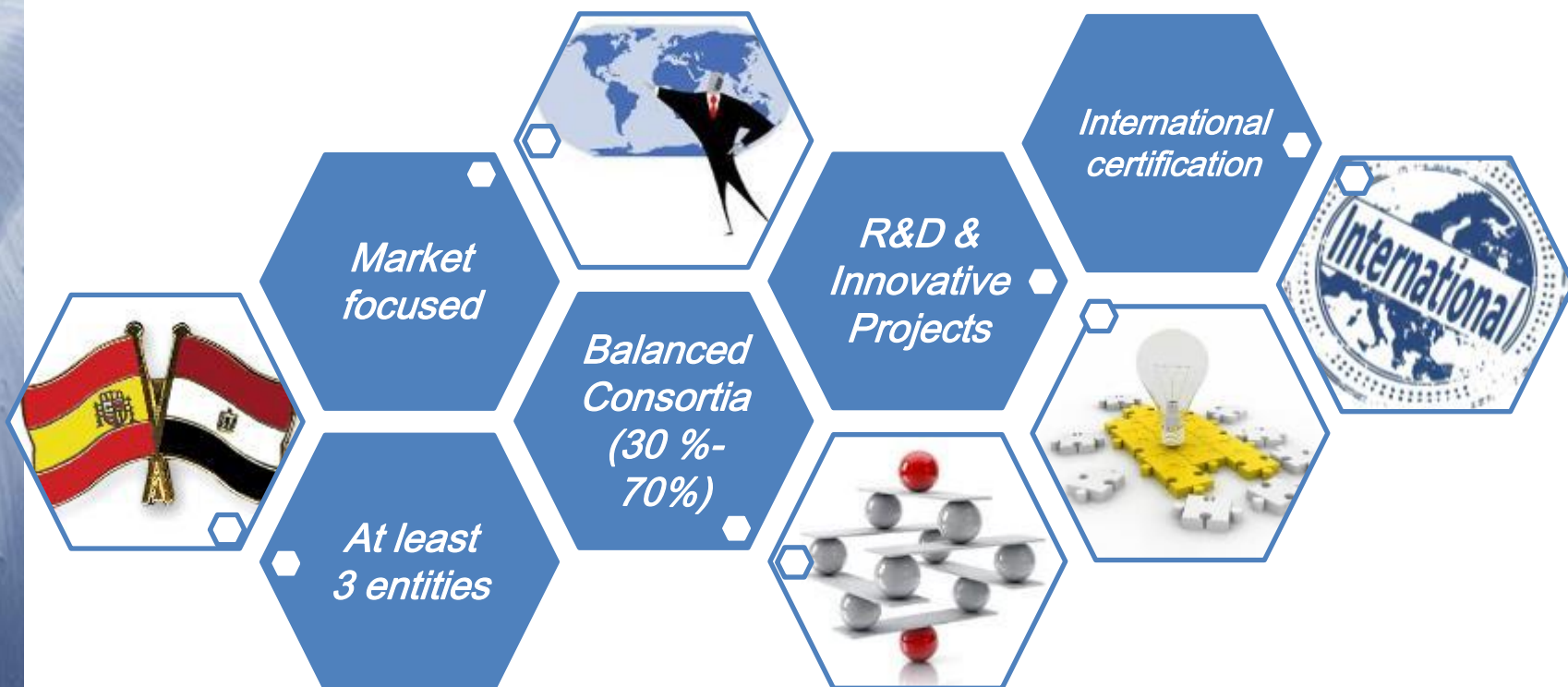


3. ESITIP

FORTH JOINT CALL FOR TECHNOLOGICAL COOPERATION

18th November 2019 – 24th February 2020

Topics: open to collaborative R&D projects in all areas of Information Technology



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FORTH JOINT CALL FOR TECHNOLOGICAL COOPERATION

AREAS OF COOPERATION →

↓ TECHNOLOGY-TREND AREAS:

- ❖ Mobile Applications and Computing
- ❖ Cloud Computing
- ❖ Data Analytics and Big Data
- ❖ Internet of Things
- ❖ Gamification
- ❖ Cognitive Computing
- ❖ Smart Machines
- ❖ Blockchain
- ❖ Virtual and Augmented Reality

STRATEGIC AREAS:

- ❖ Wireless and Cyber Security
- ❖ Electronics and Embedded Systems for ICT Applications
- ❖ ICT for Homeland Security
- ❖ ICT for Transportation
- ❖ ICT for Health
- ❖ ICT for Agriculture
- ❖ ICT for the Disabled
- ❖ ICT for Education
- ❖ ICT for Energy
- ❖ Etc.

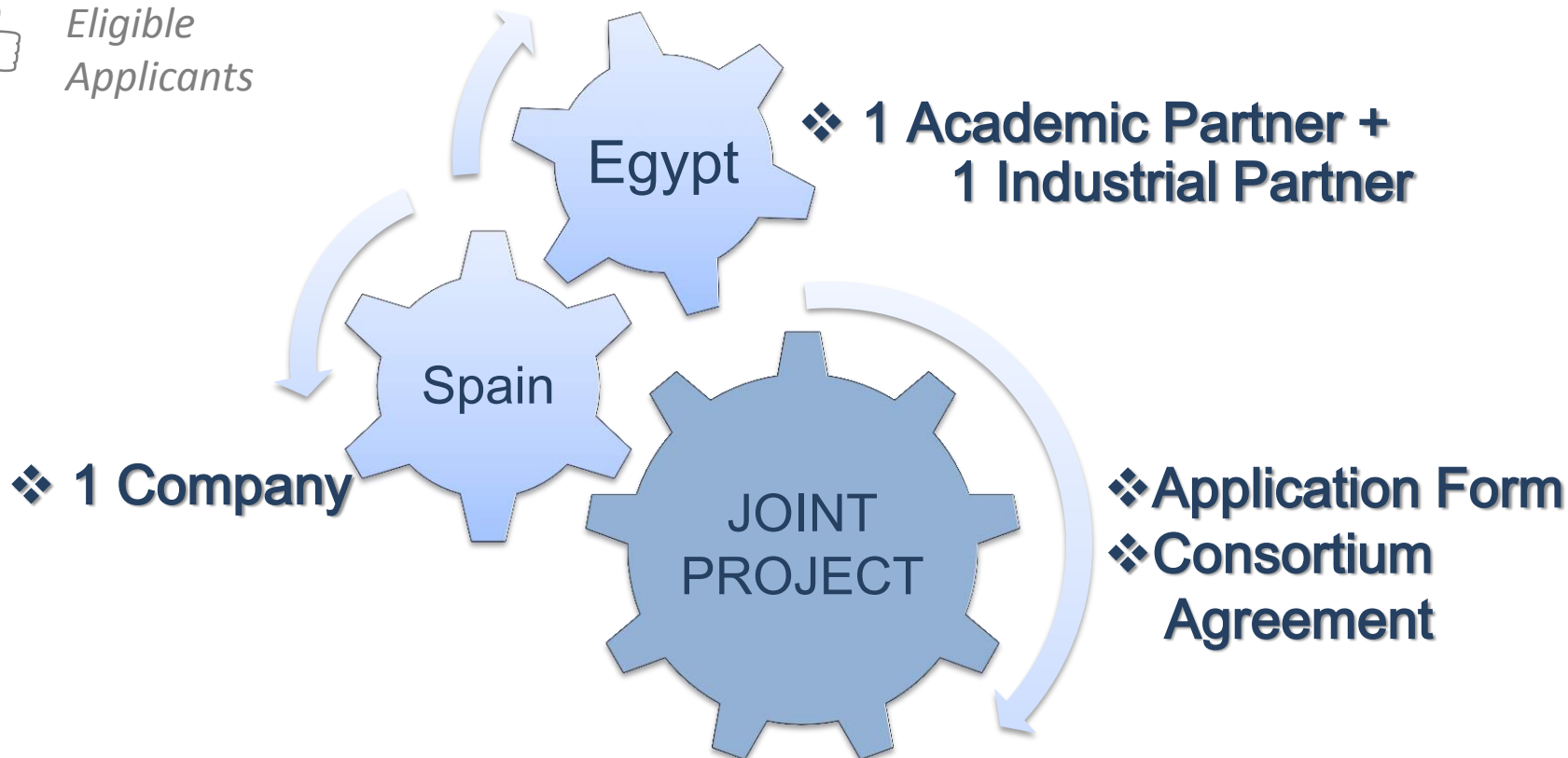
**Open from 18th November 2019
to 24th January 2020**

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FORTH JOINT CALL FOR TECHNOLOGICAL COOPERATION

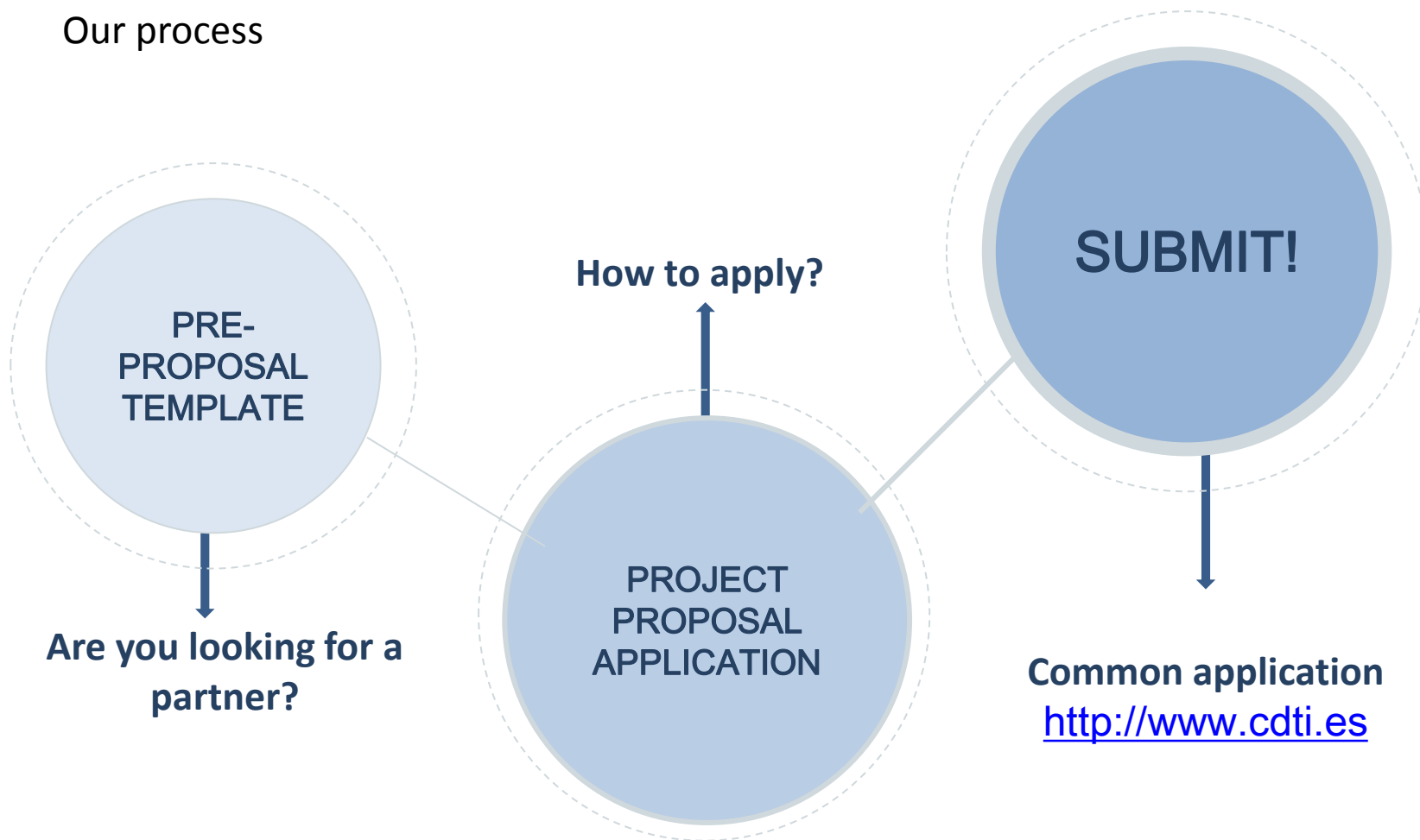


Eligible Applicants



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Our process



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NEWSLETTER CDTI



Are you looking for a partner?

PRE- PROPOSAL TEMPLATE

Please, give a brief explanation (no more than 2 pages)

- Company profile & main activities
- What you offer: **Technological strengths**
- What you need: **Technological requirements**
- Project idea

How to apply?

PROJECT PROPOSAL APPLICATION:

- Application form
 - Consortium Agreement
 - *For Egyptian applicants:*
 - Team profile & company profile
 - SWOT Analysis and mitigation plan
 - Disclosure statement, resources and references
- ✓ Common application <http://www.cdti.es>

3. ESITIP

Egyptian side (ITIDA)

Ms. Heidi Hussein
National Manager (ESITIP)
Information Technology Industry
Development Agency- ITIDA
Address: Smart Village, Building
B121 Cairo, Alexandria Desert Road,
Giza, Egypt
Tel: +202 3534 5258
E-mail: HeidiH@ITIDA.gov.eg
Website: <http://www.itida.gov.eg>

Spanish side (CDTI)

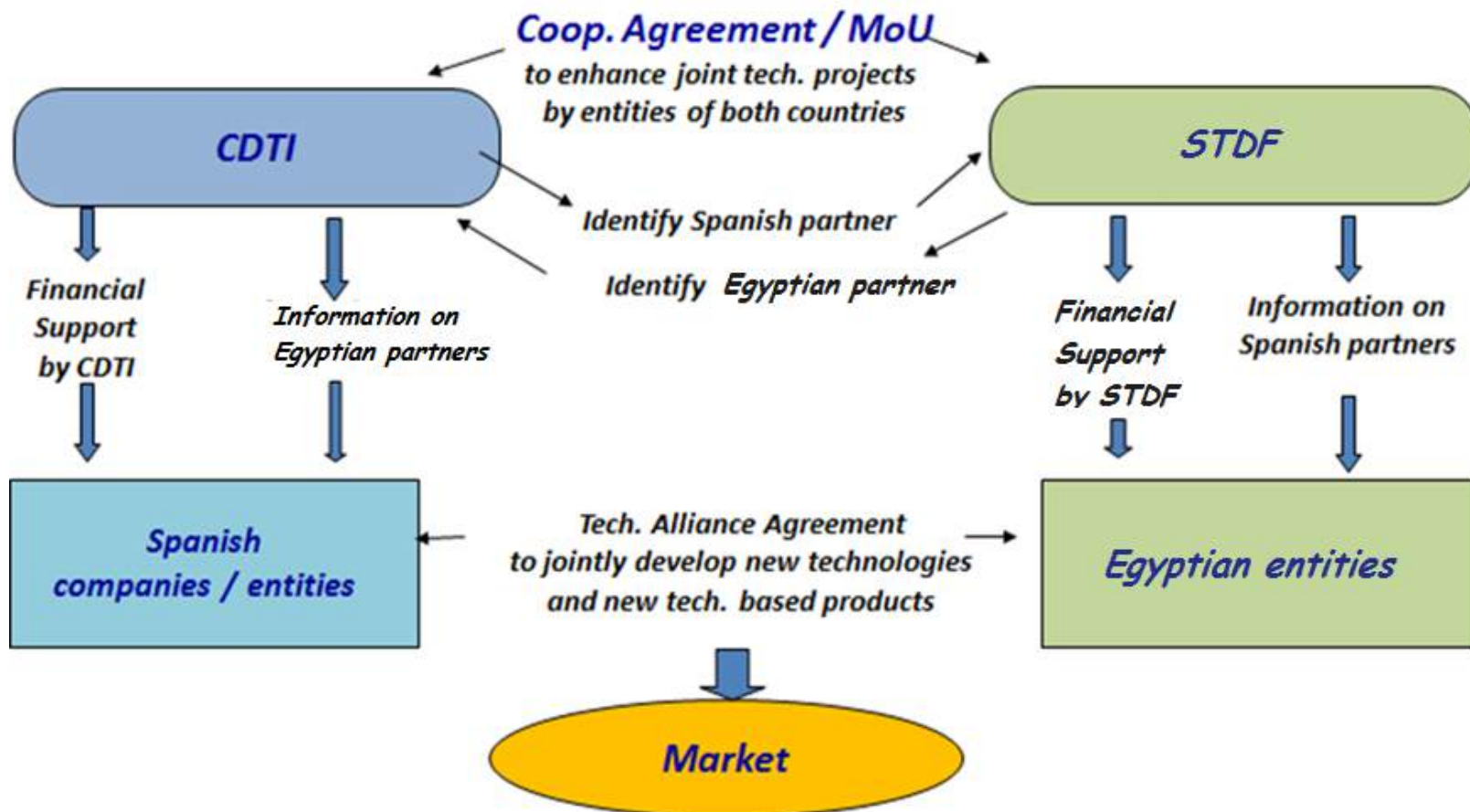
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ESIP R&D Call

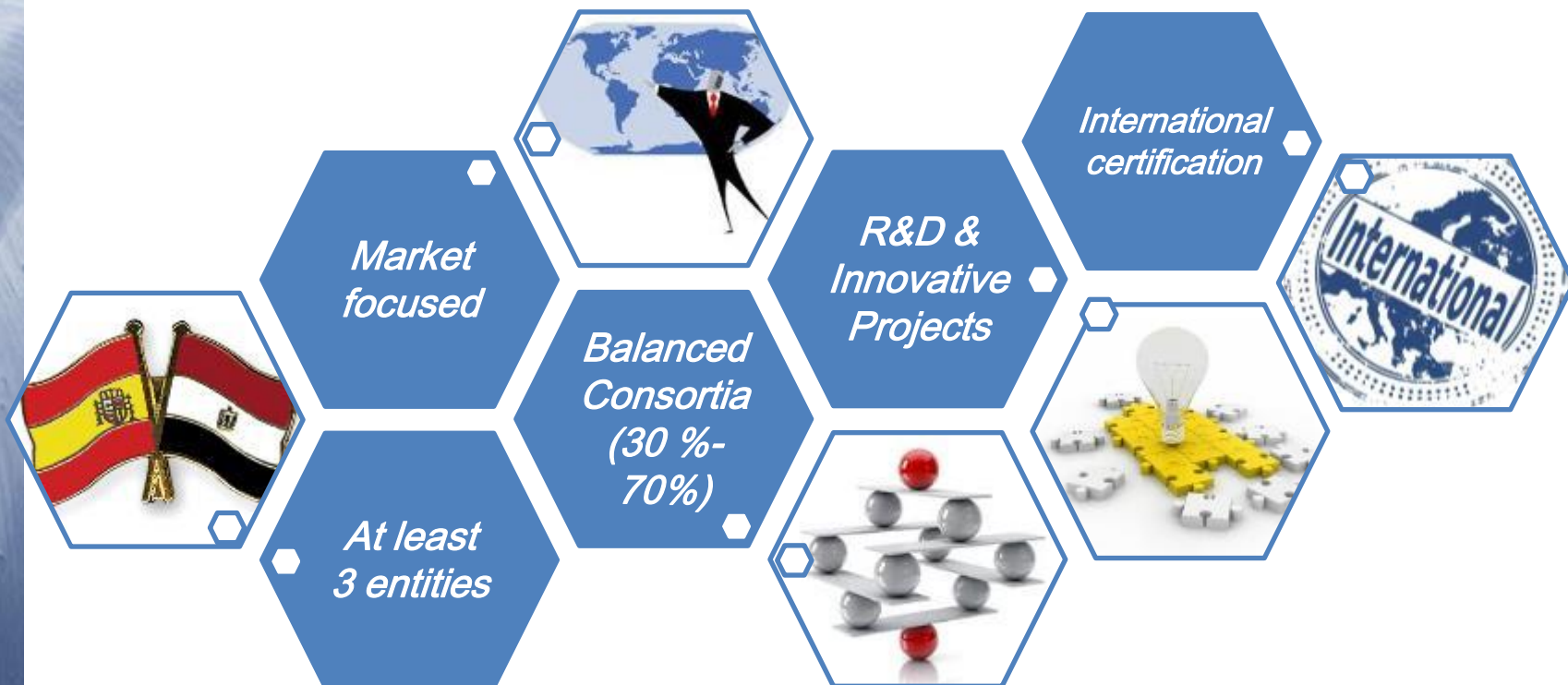
Funding agencies STDF (EG) & CDTI (SP)

3. ESIP



3. ESIP

FORTH JOINT CALL FOR TECHNOLOGICAL COOPERATION Provisional dates 1st January 2020 – 15th April 2020 Multi-topic Call



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AREAS OF COOPERATION

☐	Agriculture and Sustainable Food Production	☐
☐	Sustainable water management	☐
☐	Affordable & Inclusive Healthcare	☐
☐	Renewable Energy	☐
☐	Environment sector	☐
☐	Construction	☐
☐	Transportation sector	☐
☐	Tourism and Antiquities sector	☐
☐	Strategic Industries sector	☐

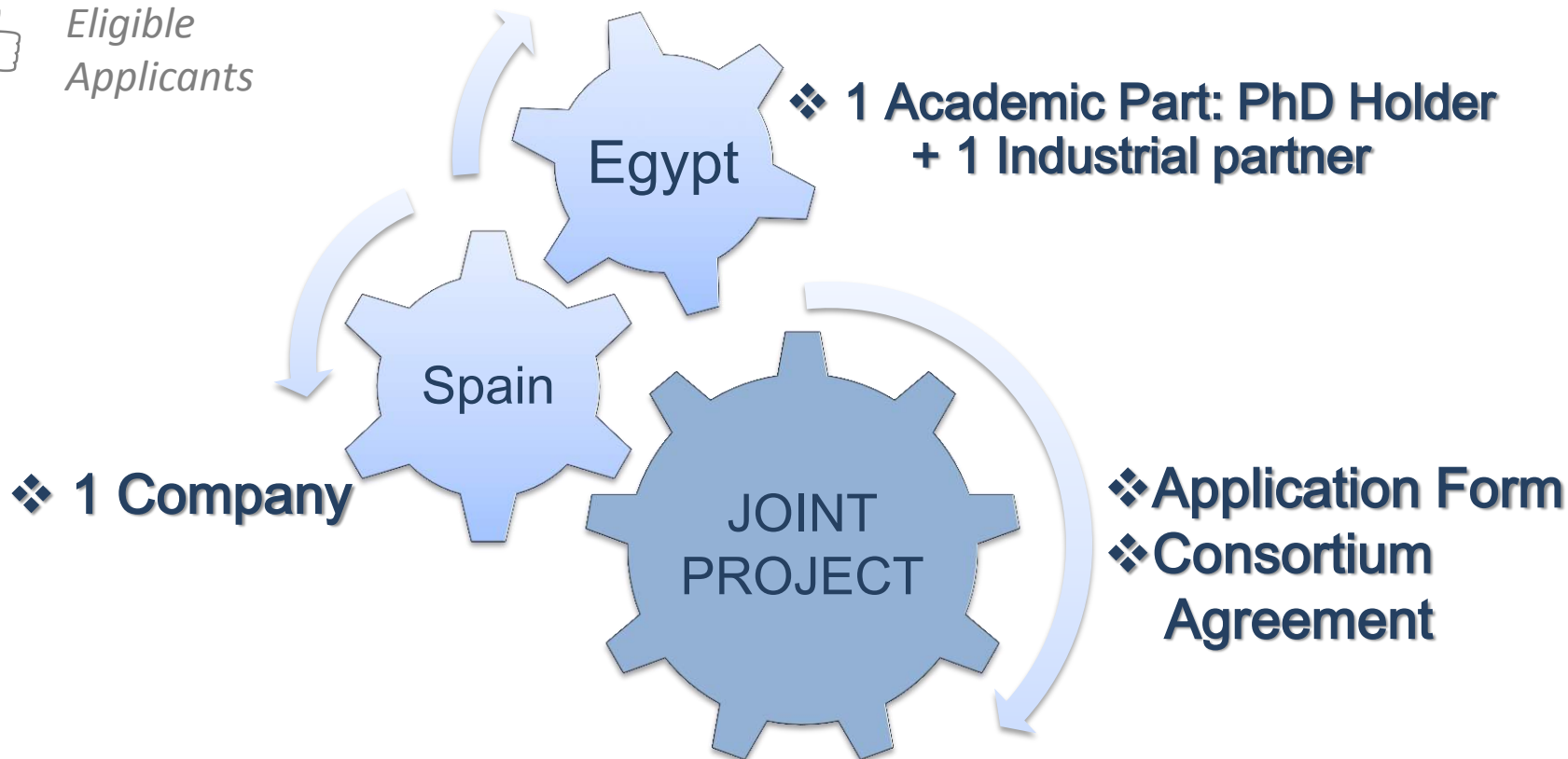
Open from (provisional dates) 1st
January to 15th April 2020

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FORTH JOINT CALL FOR TECHNOLOGICAL COOPERATION

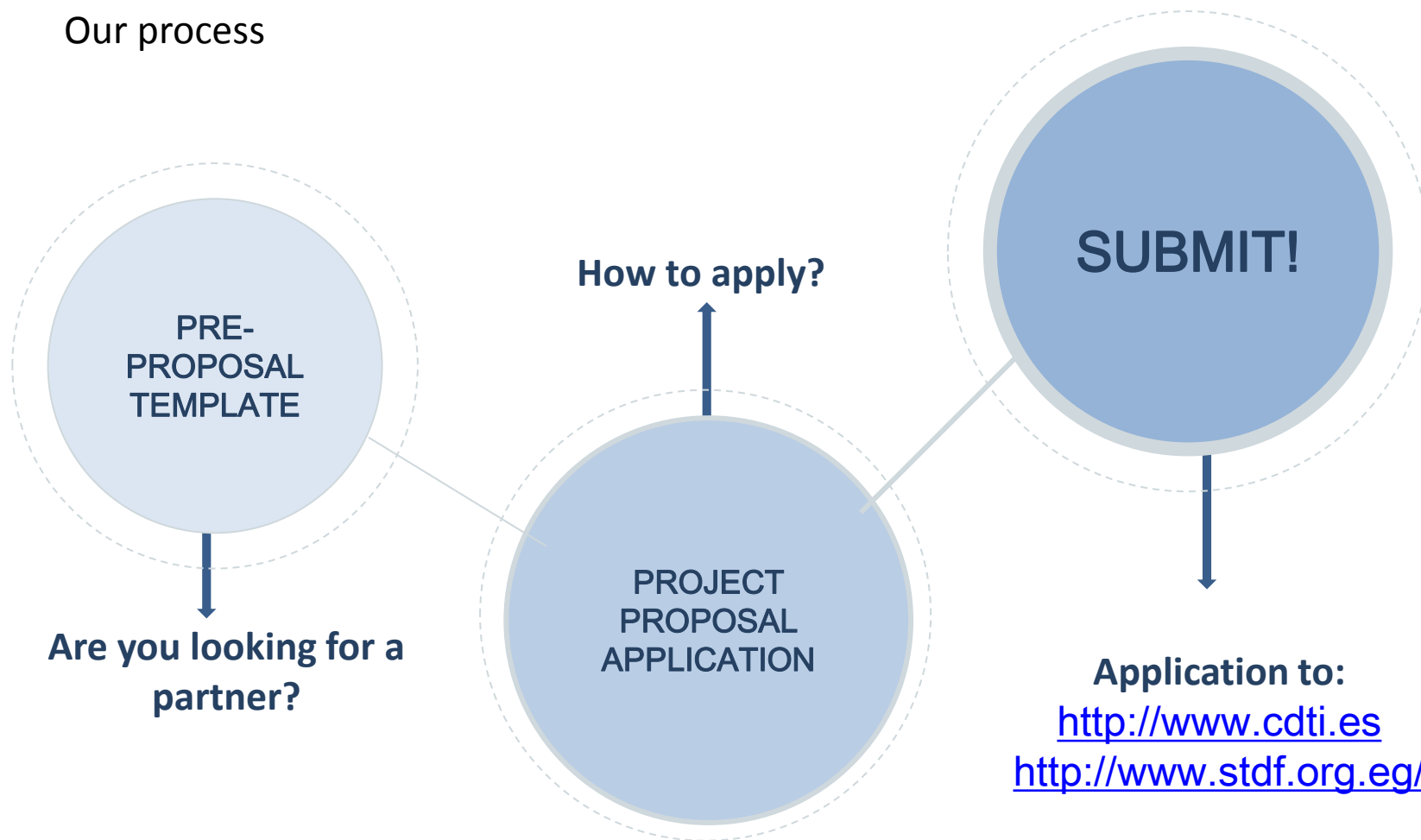


Eligible Applicants



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Our process



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NEWSLETTER CDTI



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- What you need: Technological requirements
- Project idea

How to apply?

PROJECT PROPOSAL APPLICATION:

- ✓ Documents:
 - Application form
 - Consortium Agreement
 - Any additional specific documents required by STDF and CDTI
- ✓ Submit application to: <http://www.cdti.es>
<http://www.stdf.org.eg/>

3. ESIP

Egyptian side (STDF)

Dr. Ahmed Mansour
National Manager (ESIP)

Science and Technology
Development Fund - STDF

Address: 101 Kasr Al-Ainy St, Cairo,
Egypt

E-mail: mansour000chem@gmail.com

Website: <http://www.stdf.org.eg>

Ms. Aya Said

aya.said@stdf.eg

Spanish side (CDTI)

Mr. José Manuel Durán
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Website: www.cdti.es

Mr. Pablo Panadero
Representative in Dokki-Cairo

pablo.panadero@cdti.es

UNILATERAL R&D Call

Funding agencies CDTI (SP) & Non existing funding agency in Egypt

CALL FOR BILATERAL PROJECTS IN INTERNATIONAL TECHNOLOGY COOPERATION (UNILATERAL PROJECTS)

GENERAL INFORMATION

- ✓ We will fund Spanish companies involved in R&D projects in a joint technological partnership.
- ✓ Open all the year 2019. 6th Consecutive year
- ✓ Duration of the R&D projects: between 12 to 36 months.
- ✓ Consortia: At least two independent partners from both countries (a Spanish company + an Egyptian company and/or public entity).
- ✓ It is necessary to have an effective international cooperation between entities of both countries documented by a Consortium Agreement and an Application Form signed by all parties.
- ✓ IPR, rights and outcomes of the project belong to the partners of the consortium according to their agreement in the Consortium Agreement document but none of them belong to the CDTI.

CALL FOR BILATERAL PROJECTS IN INTERNATIONAL TECHNOLOGY COOPERATION (UNILATERAL PROJECTS)

BUDGET AND COSTS

- ✓ **Budget requirements for the R&D Projects:**
 - ✓ The minimum CDTI fundable R&D budget per Spanish company will be €175,000. **There is not an upper ceiling.**
 - ✓ **Maximum budget balance between countries** in order to be a cooperative project (balanced consortia): **70/30**. For instance:

Example

Partner	€ Budget	% Budget	Funding
Spanish company	€175,000	70	By CDTI
Egyptian entity	€75,000	30	Not by CDTI, it could be in kind
Consortium	€250,000	100	

- ✓ **Eligible costs for the Spanish company involved in a R&D project: equipment, own staff, material for tests and prototypes, sub-contracting of Research Centers/Universities and Enterprises (not allowed to subcontract its partner in the project), overheads.**

CALL FOR BILATERAL PROJECTS IN INTERNATIONAL TECHNOLOGY COOPERATION (UNILATERAL PROJECTS)

APPLYING

- ✓ **The Spanish company should apply through CDTI website.**
- ✓ **It is mandatory to provide:**
 - ✓ **Application Form (in English), signed by all parties (Egyptian and Spanish ones),** focus on the project as a whole, the activities of the participants and the importance of the project for all partners.
 - ✓ **Consortium agreement (in English), signed by all parties (Egyptian and Spanish ones),** describing the agreed conditions of results exploitation and detailing IPR.
- ✓ **CDTI will confirm the valid international nature of the project at start and end, through assessment visit to the Egyptian partner in addition to monitoring the Spanish company activities.**

شكرا

THANK YOU

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