

STI Strategies to link Higher Education with Innovation Ecosystems

COLCIENCIAS - COLOMBIA

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¿What is Colciencias? And ¿What we do?



Administrative Department of Science Technology and Innovation. Depends directly from the President and leads the National System of Science, Technology and Innovation.

Education



Research



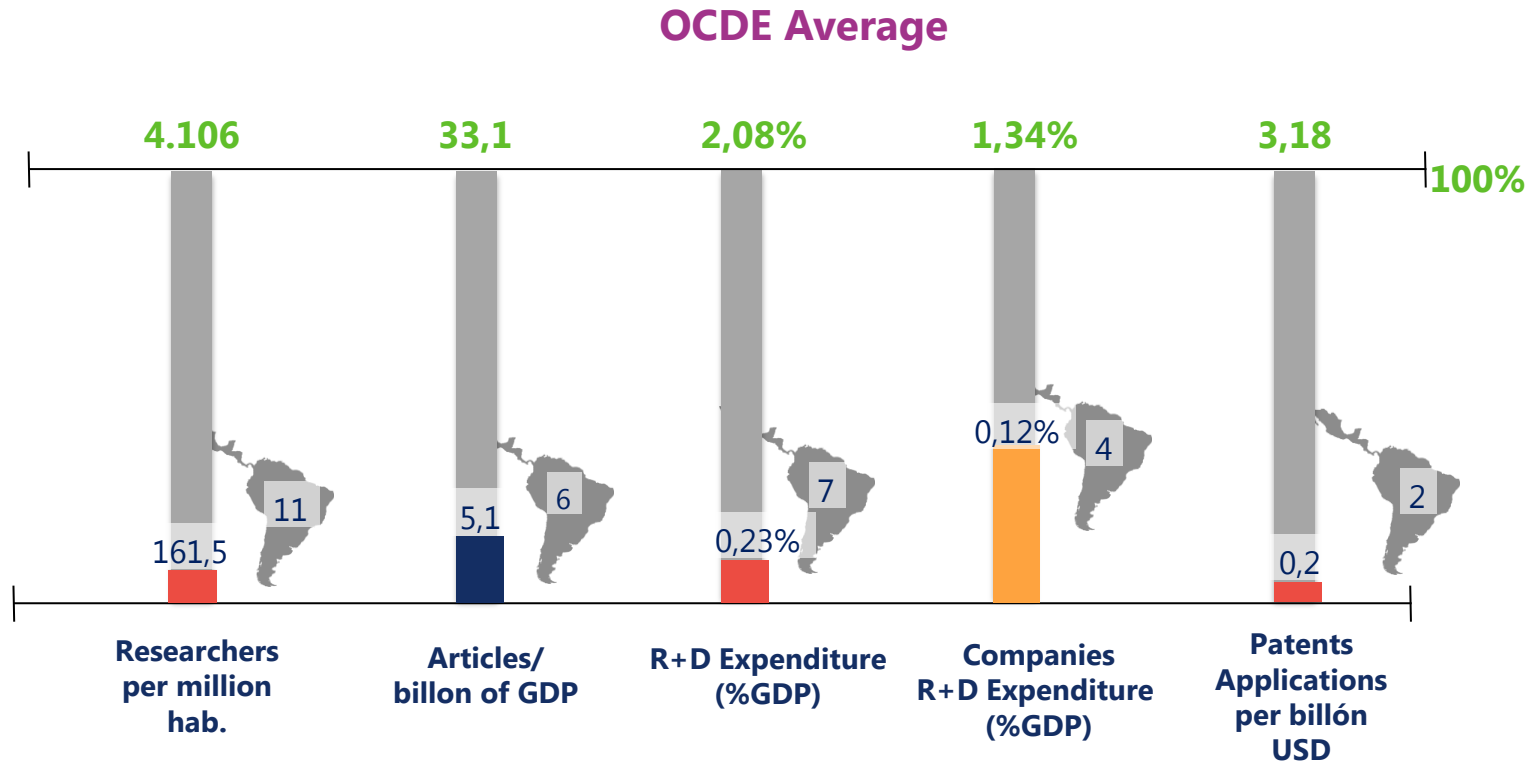
Innovation



Culture



OECD Diagnostic



COLCIENCIAS Strategies

To increase the human capital formed in CTeI



10.000

Masters and doctoral scholarships

Have an ambitious and focused scientific production



13.400

High impact scientific articles

To promote more sophisticated and innovative companies



30%

Of the mass Innovative business

Generate a culture that manages and values knowledge



3m

Of children and youth

How to connect them?



Ph.D. IN COMPANIES- Open Call 758 /2016

37 potential beneficiaries.



29 Companies supported



Items to be financed:

- Enrollment.
- Monthly support up to \$1.000 USD aprox.
- Internship abroad up to \$2.000 USD Aprox.
- Support for the development of the research project

SCIENTIFIC COLOMBIA – SCIENTIFIC ECOSYSTEM

Improving the quality of Colombian HEIs through alliances that foster regional development and respond to social and productive development challenges to implement R&D+i projects.



Proposals should address at least one societal challenge in one of the selected topics.



Health



Food



Society



Renewable
energies



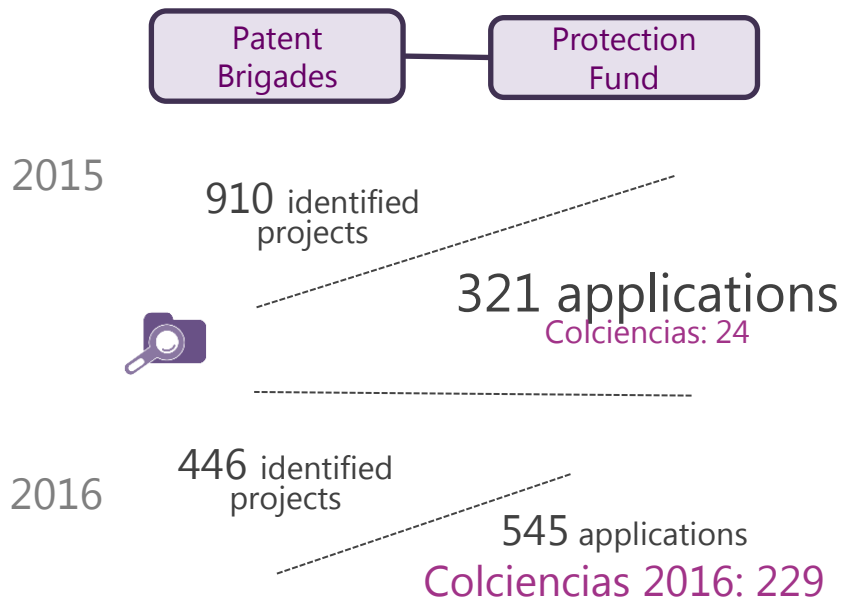
Bioeconomy

Total Budget: 26.162.382,295 USD (World Bank Credit)
Max. Budget for proposal: 6.539.681,728 USD

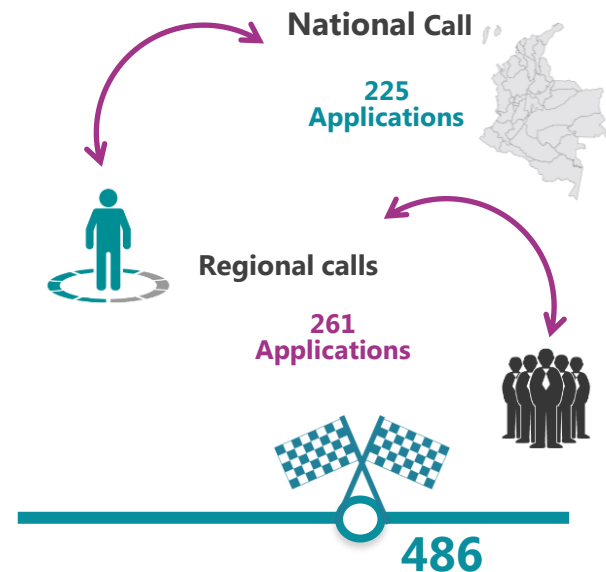


INTELLECTUAL PROPERTY

Achievements 2015 - 2016



2017 Goals



TECHNOLOGY TRANSFER

Achievements 2015 - 2016



Resources for their operation, as with training the team on negotiation, technology assessment, technology surveillance among others

- Supporting **5** TTO's
- **7** Licenses

Spin-off

With more than 34 Higher Education Institutions, a roadmap was drawn up to enlist, set up and launch Spin-off companies.

3 spin off
Selected for
their creation

Goals **2017**



- Supporting **5** TTO's
- **4** Licenses
- **4** Spin Off

TAX BENEFITS

Instrument developed by the **National Government** under the leadership of Colciencias, as an **incentive** to the players in the National System of **STI** in the development of their **projects**. The instrument consists of two main forms: **deductions in income tax and tax exemptions**.

Achievements

In 2015



US\$ 132 mn

79,36% Quota Allocation

In 2016



US\$ 167 mn

100% Quota Allocation

Metas 2017



**100% Allocation of the
Tax Deduction Quota**

Quota increased to US\$
200 mn

Open Innovation Platform - SUNN

1.823 conexions between supply and demand

Objective: Connect the offer from universiteis and startups with investors and companies.

Sector: IT, Cleantech, Energy, Advanced Materials, Life Science,



Active Conexions: 67 / Active Challenges: 6 / 2016 Challenges: 79

ALL **TOGETHER** FOR A **SCIENTIFIC NATION**



COLCIENCIAS



**TODOS POR UN
NUEVO PAÍS**

PAZ EQUIDAD EDUCACIÓN

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