



CULTURE



COLCIENCIAS



TODOS POR UN
NUEVO PAÍS

PAZ EQUIDAD EDUCACIÓN

CULTURE

Our mission is to develop a culture that values and manages knowledge in science, technology and innovation.

SCIENTIFIC VOCATION PROMOTION: this guideline designs and execute actions that allow children and young people the development of skills to increase the scientific thinking and to value innovation to find innovative solutions to everyday problems.

SOCIAL APPROPRIATION OF KNOWLEDGE: this guideline want to create a culture that values and assumes knowledge as a way of solving social, environmental and economic problems and thus collaborate in the productive transformation of the country through the active participation of society.

BROADCASTING: this guideline develop multiplatform content and physical and digital strategies to highlight the essential role of science in our daily lives. With these actions we seek to build new social and aspirational models around the importance of science as the scientific research to our communities.

OUR GOALS

Nation goals:

70% of Colombians reaching a high and very high science and technology appropriation index.

Quadrennial goals 2014-2018:

- 3.000.000 children and young people supported in scientific and technological processes vocation.
- 2.000.000 sensitized people through strategies focused on the use, appropriation and utility of the STI.

ONDAS

Ondas program focuses on educational institutions to encourage the creation of research groups conformed by students and teachers that analyze local problems or needs in order to create research projects. By doing that, we want to promote and strengthen the capability of wonder, the social and communication skills, and scientific skills in a crucial stage of life.

Population

Children, youngsters and teachers of Educational institutions of Colombia.

Goals

To Achieve 2,986,000 children and young students supported in scientific and technological vocation processes.

Funding

- Local entities.
- Private sector.
- COLCIENCIAS.
- Science Technology and Innovation Fund.

Allies

- Local entities.
- Scientific community.
- National ministries.
- NGO's.
- Universities.
- Research centers.
- Firms.

NEXO GLOBAL

NEXO Global is an International internships research mobility program for undergraduate students that promotes scientific vocation in young people, bilingualism and that facilitates insertion into some of the top universities and research centers in the world.

Population

This program is aimed to undergraduate students that:

- Stand out for their academic performance.
- Are between 18 and 27 years old.
- Study STEM+A careers or Social Sciences studies focused on post-conflict.
- Have completed at least 70% of their career program.

Goals

- Pilot: 40 students.
- Phase 1 - 2016: 500 students.
- Phase 2 - 2017: 2.260 students.
- Phase 3 - 2018: 3.200 students.

Funding

- Local entities.
- Private sector.
- COLCIENCIAS.
- Science Technology and Innovation Fund.

Allies

- Local entities.
- Universities.
- Foreign Embassies in Colombia.
- Colombian Embassies abroad.
- Higher Education Agencies.
- Private Sector.

JÓVENES INVESTIGADORES E INNOVADORES

The program enables the grants delivery for the development of professional internships in research and innovation, under the guidance and monitoring of research groups and researchers recognized by Colciencias, allowing the labor entailment of young people and their integration into specialized knowledge networks.

The internship provides a twelve (12) months training with the mentoring and monitoring of applicants entities. They also provide a twelve (12) month salary for the intern from the moment of linkage.

Population

Young professionals under 28 with academic excellence, and with a GPA above 3.8.

Goals

By 2018 the goal is to benefit a total of 8,000 young people with national resources and the commitment of Colombian local entities.

Funding

- Local entities.
- Private sector.
- COLCIENCIAS.
- SENA.
- General Royalties System –SGR.

Allies

- Local entities who wish to sponsor the grants.
- Universities and firms who want to become mentors or tutors for the young researchers.

APROPIACIÓN SOCIAL CTeI

This guideline designs and leads projects that aims to generate processes of understanding and intervention of relations between science, technology and society, through the active participation of the various actors and social groups that generate knowledge.

PROJECTS**A CIENCIA CIERTA**

This project seeks to identify, visualize, recognize and strengthen the best grassroots innovation experiences on issues of Science, Technology and Innovation which provides solution to a specific problem and that can be shared and replicated by other Colombians to benefit their communities, to improve citizens participation allowing the dialogue based on knowledge exchanges.

Population

Community organizations in Colombia.

Goals

51.000 sensitized people through strategies focused on understanding, appropriation and use of STI. This goal is a shared goal with the project IDEAS PARA EL CAMBIO.

Funding

COLCIENCIAS • Strategic partners.

Allies

- Local entities.
- National ministries.
- Universities.
- Firms.
- Scientific community.
- NGO's.

CENTROS DE CIENCIA

This project aims to the creation and strengthen of Science Centers in Colombia as environments for promoting in our society a scientific culture, constant learning and dialogue around STI. We described a Science Center as a non profit organization that has social appropriation of science, technology and innovation (ASCTI) as an essential part of his mission statement, open to general audiences and with a private, public or mixed nature. They also recognize the cultural, economic and social diversity of the communities, promoting the principles of democratic access to information and knowledge and contributing to the strengthening of STI culture in the country.

Population

- Children.
- Youngsters.
- Adults.

Goals

To create and/or strengthening up to 12 science centers in Colombia.

Funding

- COLCIENCIAS.
- General Royalties System –SGR.

Allies

- Local entities.
- National ministries.
- Universities.
- Firms.
- Scientific community.
- NGO's.

IDEAS PARA EL CAMBIO

This project aims to support the development of innovative solutions using science and technology to solve basic needs of the communities in Colombia, based on social appropriation of knowledge processes and Social Innovation, with open innovation virtual tools, and using an approach on dialogue and knowledge sharing.

Population

Vulnerable communities from Colombia that define problems or needs • Members of the scientific community that provide solutions based on Science and technology with a social appropriation methodologies.

Goals

51.000 sensitized people through strategies focused on understanding, appropriating and use of STI. This goal is a shared goal with the project A CIENCIA CIERTA.

Funding

- COLCIENCIAS.
- Strategic partners.

Allies

- Local entities.
- National ministries.
- Universities.
- Firms.
- Scientific community.
- NGO's.

DIFUSIÓN

Difusión The program foresees the development of strategies, actions and specific products targeted to various audiences and deployed in different media and platforms for the purpose of showing the fundamental role of science in everyday life and draw attention to their protagonists through their life stories.

Fórmulas de cambio

An audiovisual series that show life testimonies that have been transformed by science.

Population

Childrens, Youngsters and Adults.

Goals

500.000 people reached.

Funding

Colciencias and Regional partners.

Broadcast

Regional and community networks.

LA RUTA DE LA CIENCIA

Inspirational talks that bring together different protagonists of the world of science with local audiences with the intention of sharing, discussing and motivating around their scientific experience.

Population

Childrens, Youngsters and Adults.

Goals

20.000 people reached.

Funding

COLCIENCIAS and Regional partners.

Audience

Regional.

FOR MORE INFORMATION:

DIRECCIÓN DE MENTALIDAD Y CULTURA PARA LA CTeI
CRA 7 B BIS NO. 132-28 / BOGOTÁ, COLOMBIA - PHONE NUMBER: (+57) 1 625 84 80
contacto@colciencias.gov.co
www.colciencias.gov.co