

XIV. SCIENCE COMMUNICATION SECTOR

Science Communication for Innovation

Call Overview

The Philippine Council for Industry, Energy and Emerging Technology Research and Development (DOST-PCIEERD) of the Department of Science and Technology (DOST) is offering support for Science Communication proposals for 2023 funding. The call is open to all science communicators, researchers, DOST information officers, and other key players of the discipline. It is expected that the R&D funding to be provided will result to an integrated, inclusive, and innovative approach in communicating science in the Philippines.

Call Rationale

Science Communication (Scicom) is a growing area of practice and research (Burns, 2003) that plays a vital role in today's development challenges. The Philippines although having a rich documented history of science and its development (e.g. Anderson, 2007 Velasco & Baens-Arcega, 1984) still needs to delve into the "identity" or "face" of scicom in the country.

Efforts in mainstreaming Science Communication in the country was initiated through roundtable discussions led by the University of the Philippines – Los Baños, College of Development Communication (UPLB-CDC). Conducted last 1999, 2002, and 2006 respectively, these in-house workshops established science communication's distinct features, scope, areas of application, and role in the fields of development issues such as disaster risk reduction and management, food security, and health, among others. After 15 years, the 4th Roundtable Discussion on Science Communication was organized by DOST-PCIEERD in collaboration with UPLB-CDC to identify the needs, priorities and capabilities of the key players of Science Communication from the industries and research institutions.

Given the lack of basic researches, evaluation metrics, framework, and technologies on scicom, it is deemed necessary to begin undertakings towards an integrated, inclusive, and innovative approach on Science Communication in the country thru R&D support.

The general objective of this call is to establish the foundation of science communication in the country through R&D support. The following are the specific objectives of the call:

1. To provide R&D support for researches on science communication
2. To provide R&D support for the establishment and/or development of science communication framework, infrastructure, technologies, and among others.

Call Scope

The following are the identified call themes of Science Communication proposals with the corresponding objectives and recommended science and technology interventions:

A. Researches on Science Communication

Call Objectives

The proposed project should be researches on collective relationship of Filipinos to science. Below are the specific objectives:

- A comprehensive mapping of key players in science communication, multi-sectoral platforms and/or initiatives
- A market study of the perception measurement on science, and among others.
- Study on the identification of the low uptake in R&D adoption

B. Research Studies on Evaluation of Science Communication

Call Objectives

Proposal that aims to evaluate science communication activities and programs based on a framework.

Call Scope for Researches and Budget

PCIEERD will fund researches on science communication with a maximum budget of Three (3) Million Pesos per year per project. Proposed project should run for a period of one (1) year only.

C. Capacity-building Programs on Science Communication

Call Objective

Proposed projects that are aimed to capacitate not only science communicators but also researchers and other key players in strengthening science communication. Below are specific objectives:

- Basic literacies on science, technology, research, development, and innovation
- Functional literacies on science, technology, research, development, and innovation
- Development of a toolkit for Science Communication of R&D projects

Call Scope and Budget

PCIEERD will fund capacity-building programs on science communication with a maximum budget of Three (3) Million Pesos per year per project. Proposed project should run for a period of one (1) year only.

D. Development of Infrastructure for Science Communication

Call Objective

Proposed project for the establishment of a center for Science Communication that will cater activities and programs relative to the said discipline.

Call Scope and Budget

PCIEERD will fund infrastructure project on science communication with a maximum budget of Ten (10) Million Pesos per project. Proposed project can run for a period of four to five (4-5) years only.

E. Development of Science Communication technologies

Call Objective

The proposed projects should be intended for the development or use of technologies for science communication needs or applications. Below are specific objectives:

- Use of technologies for the needs of science communicators and/or relative science communication stakeholders
- Development of technologies for science communication
- Digital asset management

Call Scope and Budget

PCIEERD will fund technology projects on science communication with a maximum budget of Five (5) Million Pesos per project. Proposed project can run for a period of four to five (4-5) years only.

Qualification Requirements

This Call is open to all science communicators, researchers, DOST information/communication officers, and other key players of Science Communication.