Science Communication R&D for Innovation Program

Updated as of 15 February 2024

Overall Strategies

Human Resource
- Development of Science Communication Training Programs for RSEs and Practitioners
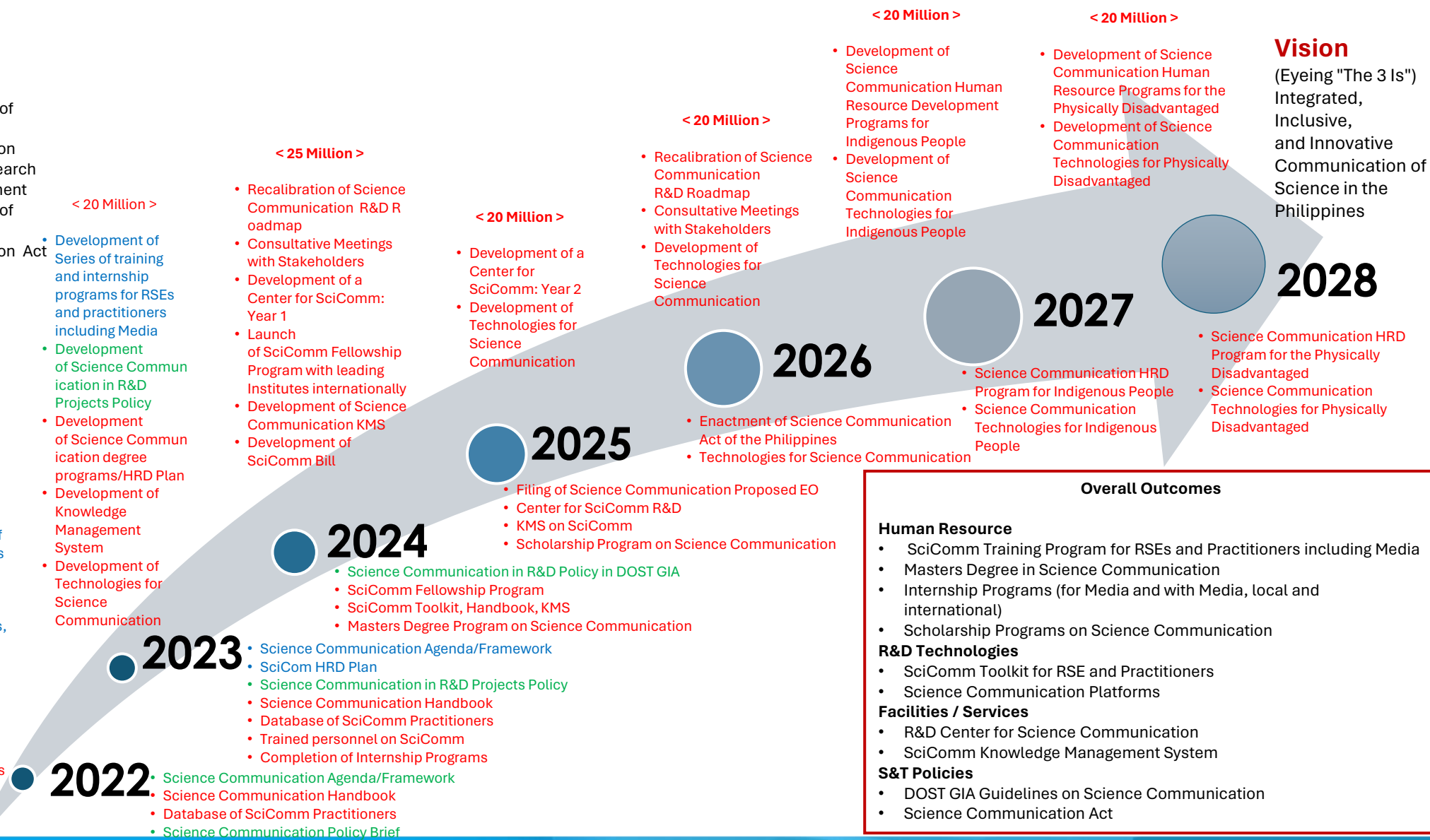- Development of Science Communication Degree Programs

R&D Technologies
- Development of Science Communication Toolkit Program for RSEs and Practitioners
- Development of various Science Communication Platforms

Facilities / Services
- Establishment of R&D Center for Science Communication
- Establishment of Knowledge Management System on Science Communication in the Philippines

S&T Policies
- Development of Science Communication Policy on Research and Development
- Development of Science Communication Act

< 15 Million >

2022
- Research Program/Holistic study on SciComm in the country to cover: definitions of SciCom, individuals and institutions involved, initiatives implemented all over the Philippines, challenges encountered, and media/communication channel used.
- Evaluation of effectiveness of SciComm initiatives and/or programs
- Science Communication Agenda/Framework
- Science Communication Handbook
- Database of SciComm Practitioners
- Science Communication Policy Brief

< 20 Million >

2023
- Development of Series of training and internship programs for RSEs and practitioners including Media
- Development of Science Communication in R&D Projects Policy
- Development of Science Communication degree programs/HRD Plan
- Development of Knowledge Management System
- Development of Technologies for Science Communication
- Science Communication Agenda/Framework
- SciCom HRD Plan
- Science Communication in R&D Projects Policy
- Science Communication Handbook
- Database of SciComm Practitioners
- Trained personnel on SciComm
- Completion of Internship Programs

< 25 Million >

2024
- Recalibration of Science Communication R&D Roadmap
- Consultative Meetings with Stakeholders
- Development of a Center for SciComm: Year 1
- Launch of SciComm Fellowship Program with leading Institutes internationally
- Development of Science Communication KMS
- Development of SciComm Bill
- Science Communication in R&D Policy in DOST GIA
- SciComm Fellowship Program
- SciComm Toolkit, Handbook, KMS
- Masters Degree Program on Science Communication

< 20 Million >

2025
- Development of a Center for SciComm: Year 2
- Development of Technologies for Science Communication
- Filing of Science Communication Proposed EO
- Center for SciComm R&D
- KMS on SciComm
- Scholarship Program on Science Communication

< 20 Million >

2026
- Recalibration of Science Communication R&D Roadmap
- Consultative Meetings with Stakeholders
- Development of Technologies for Science Communication
- Enactment of Science Communication Act of the Philippines
- Technologies for Science Communication

< 20 Million >

2027
- Development of Science Communication Human Resource Development Programs for Indigenous People
- Development of Science Communication Technologies for Indigenous People
- Science Communication HRD Program for Indigenous People
- Science Communication Technologies for Indigenous People

< 20 Million >

2028
- Development of Science Communication Human Resource Programs for the Physically Disadvantaged
- Development of Science Communication Technologies for Physically Disadvantaged
- Science Communication HRD Program for the Physically Disadvantaged
- Science Communication Technologies for Physically Disadvantaged

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Vision
(Eyeing "The 3 Is")
Integrated, Inclusive, and Innovative Communication of Science in the Philippines

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Overall Outcomes

Human Resource
- SciComm Training Program for RSEs and Practitioners including Media
- Masters Degree in Science Communication
- Internship Programs (for Media and with Media, local and international)
- Scholarship Programs on Science Communication

R&D Technologies
- SciComm Toolkit for RSE and Practitioners
- Science Communication Platforms

Facilities / Services
- R&D Center for Science Communication
- SciComm Knowledge Management System

S&T Policies
- DOST GIA Guidelines on Science Communication
- Science Communication Act

Science Communication for Innovation Program
S&T Roadmap (2022-2040)

DOST-PCIEERD

Current Situation
Lack of basic researches, evaluation metrics, framework, technologies, and other undertakings on scicom

Holistic Study on PH SciComm
- definition, initiatives and programs, evaluation
Dev't of SciComm Training Programs/HRD Plan
- training, internship, scholarship programs for RSEs and practitioners (including media)
- SciComm Fellowship program with leading int'l institutes
Dev't of SciComm in R&D Projects Policy
Dev't of KMS and techs on SciComm
Dev't of SciComm Center
Dev't of Executive Order on SciCom

Recalibration of SciComm Roadmap
- consultative mtgs with stakeholders

Evaluation/Testing of the SciComm Framework
- DOST agencies who adopted the framework
- (PCHRD, PCAARRD, 1 or 2 from RDIs
- (test places) Industries/sectors who adopted the framework

SciComm for the Urban Communities
- introducing S&T technologies and R&D interventions
- community-oriented scicom

Update on SciComm Framework

Update SciComm R&D Policy

Dev't of SciComm Program with Int'l Partners

SciComm for the Rural Communities (farmers, fishermen, etc.)
- Access to reseach data
- introduce S&T technologies and R&D interventions

Update on the SciComm Handbook

Platforms to increase access of scientific information

Platforms for SciComm Collaboration

SciComm for the Policy Makers
- introduce S&T technologies, R&D interventions to policy makers/decision makers

Update on the SciComm Framework Exploration on Platforms for
- SciComm policy development
- SciComm Planning
Science Communication Channel in Mainstream Media

SciComm for the industry representatives and businesspeople
- introduce S&T technologies, R&D intervetions (Food industry, Emerging Techs industry, etc.)

Update on the SciComm Framework

Dev't of Risk Communication
- for Environmental Hazards
- for Disaster Risk Reduction and Climate Change
Platforms for Science Engagement

2022-2025
70M
- **SciComm Framework** & Handbook & Toolkit
- Database/KMS on SciComm
- **SciComm HRD Plan/Degree/ Programs**
- **SciComm Policy (R&D projects)**
- Approved EO on SciCom
- SciComm Center

2026-2028
50M
- Enactment of SciCom EO in the Ph
- Four DOST Evaluation/Assessment Reports on the rollout/use of the SciComm Framework
- Four evaluation/assessment (sectors/industries)

2029-2031
60M
- Dialogues/Engagement with urban communities (LuzViMin)
- Updated SciComm Framework
- SciComm Program with Int'l Partners
- SciCom technologies to urban communities

2032-2034
60M
- Dialogues/engagements with rural communities (LuzViMin)
- SciComm technologies for rural communities
- Updated SciComm Handbook

2035-2037
60M
- Dialogues/engagements with policy makers Updated SciComm Framework
- SciComm techs
- SciComm channels (mainstream media)

2038-2040
60M
- Dialogues/engagements with industry reps/businesspeople
- Risk Communication Plan for Envi & DRR
- Updated SciComm Framework

S&T Goals
(Eyeing "The 3 Is")
Integrated, Inclusive, and Innovative Communication of Science in the Philippines

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