



Department of Science and Technology Programs and Services

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Regional Director

DOST MANDATE

Executive Order No. 128 mandates the DOST to provide central direction, leadership and coordination of scientific and technological efforts and ensure that the results therefrom are geared and utilized in areas of maximum economic and social benefits for the people.

DOST SECRETARY FORTUNATO T. DE LA PEÑA



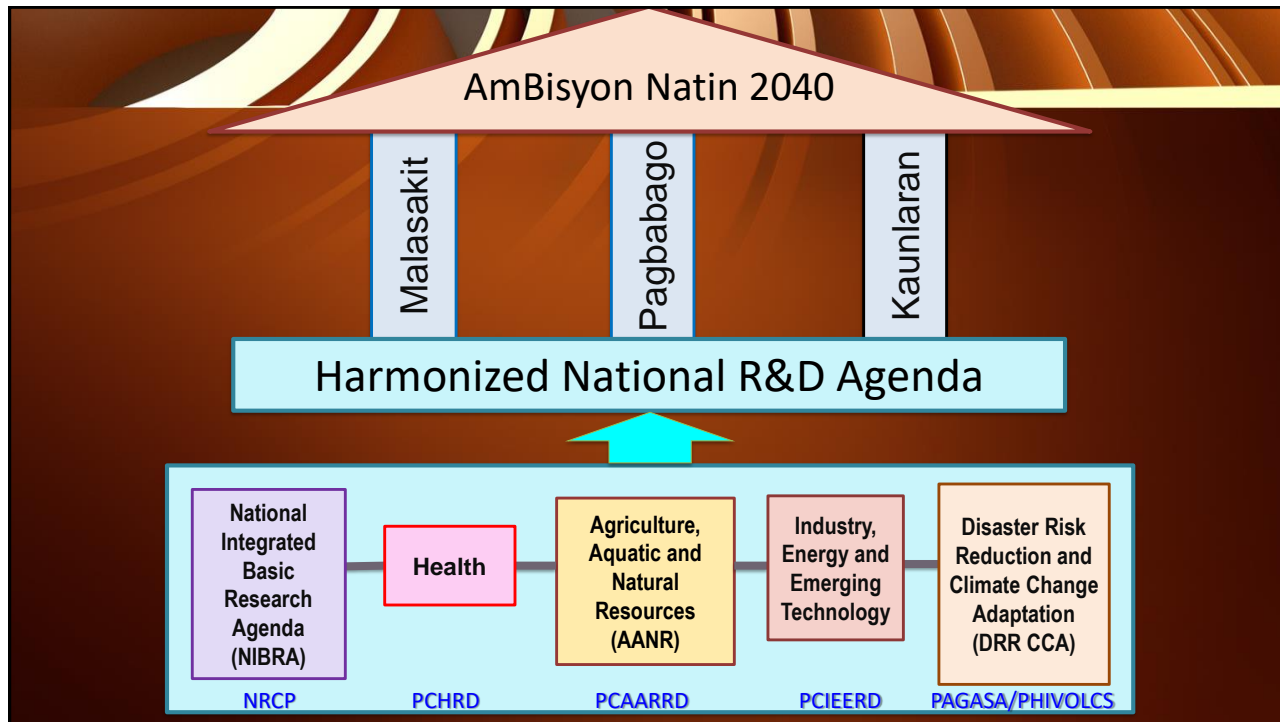
“My top priorities will be on R&D to address pressing concerns on health, agriculture and the process industries”

<http://newsbytes.ph/2016/06/08/with-new-chief-dost-prepares-return-to-conservative-rd-roots/>

Science For The People

- 1 R&D to Address Pressing Problems
- 2 R&D for Productivity
- 3 R&D to Tap, Manage and Store Renewable Energy Resources
- 4 R&D to Apply New Technologies Across Sectors
- 5 Disaster Risk Reduction and Climate Change Adaptation
- 6 Maximize Utilization of R&D Results Through Technology Transfer and/or Commercialization
- 7 Accelerated R&D Program for Capacity Building of Research and Development Institutions and Industrial Competitiveness
- 8 Assistance to the Production Sector
- 9 Upgrading of Facilities and Improvement of S&T Services
- 10 Human Resource Development for Science & Technology
- 11 Capacitate and Utilize Institutions in the Regions – SUCs who do R&D and Develop Human Resources in S&T
- 12 Collaboration with industry, academe and international institutions

DOST's response to the 10-Point Socio-Economic Agenda of PRRD



Science for Change Program

S4CP

endeavors to significantly accelerate Science, Technology and Innovation (STI) in the country through massive **increase in investment** on S&T Human Resource Development and R&D through the program

- A. Program Expansion in 10 areas
- B. New Programs in 5 areas
- C. S&T Human Resource Development
- D. Accelerated R&D Program for Capacity Building of Research and Development Institutions and Industrial Competitiveness.

Science for Change Program (S4CP)

A. Program Expansion (10)

1. Health Self Sufficiency
2. Renewable Energy
3. Nuclear Science for Energy, Health and Agriculture
4. Climate and Environmental Sciences
5. Food and Nutrition
6. Agricultural and Aquatic Productivity
7. Biotechnology for Industry, Agriculture, Health and Environment
8. Technology Business Incubation
9. Foreign Scholarships for STI
10. Promotion of Culture of Science

B. New Programs (5)

1. Human Security R&D
2. Strengthening of R&D and S&T Services in the Regions through infrastructure (R&D Centers)
3. Space Technology and ICT Development
4. S&T for Creative Industries, Tourism Industry and Service Industry
5. Artificial Intelligence: From HRD to R&D Industry

C. S&T Human Development

SEI Grand Plan

D. Accelerated R&D Program for Capacity Building of R&D Institutions and Industrial Competitiveness (4)

1. Niche Centers in the Regions for R&D (**NICER**)
2. R&D Leadership Program (**RDLead**)
3. Collaborative R&D to Leverage Philippine Economy (**CRADLE**) for RDIs and Industry
4. Business Innovation through S&T (**BIST**) for Industry

DOST in the Region

The Regional Offices - DOST's prime-mover for countryside development

- Promote and accelerate technology adoption
- Stimulate innovation
- Reduce disaster risks and improve resiliency

STI Programs in the Region

SETUP

Small Enterprise Technology Upgrading Program

What is SETUP?



Strategy to

Enhance productivity and competitiveness of MSMEs through

Technological Innovations and

Upgrading of products and processes towards

Progress and growth in the countryside

HOW?

Infusion of appropriate technology

Training, technical assistance and consultancy services

Functional packages and label

Attainment of product standards and testing services

Assistance for technology acquisition



....SETUP Priority Sectors





Program Framework

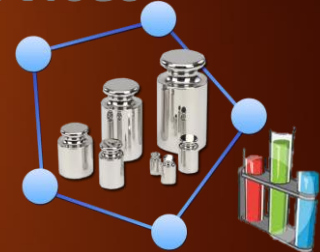
- Add value to local products and processes through S&T interventions
- Enhance competitiveness of MSMEs through better products and processes
- Contribute to the creation of a robust local economy powered by highly competitive MSMEs
- Create employment, generate revenues (including dollar earnings), help alleviate poverty and social unrest



Package of S&T Intervention



Standards and Testing Services



....The Regional Standards and Testing Laboratories (RSTL) provides clients with chemical, microbiological testing and analysis services.

....The Regional Metrology Laboratory (RML) provides clients with mass, volume and thermometry testing and calibration services.

S&T



Scholarship

.... A nationwide program that provides scholarship to talented and deserving students to pursue priority courses in science, mathematics and engineering.



S&T Promotion



....a regional strategy to ensure promotion of various scientific and technological programs, projects and services in the dissemination of relevant information. It also covers information networking, sharing and showcasing of latest R&D breakthroughs and innovations.

National Program Initiatives For Sustained Economic Growth

- **Food Innovation and Commercialization Center**
- **Community Empowerment through Science and Technology (CEST)**
- **Complementary Food Production**
- **Sustainable Dengue Vector Management Program (SDVMP)**
- **Deployment of Early Warning Systems (DEWS) Project**



National Program Initiatives For Sustained Economic Growth

- **DOST-Science and Technology Academic Research-Based Openly Operated Kiosk Station (STARBOOKS)**
- **Integrated Gold-Copper Mineral Processing Pilot Plant**
- **Fabrication Laboratory (FabLab)**
- **Technology Business Incubator**



National Program Initiatives For Sustained Economic Growth

- **OneLab (One-Stop Laboratory Services for Global Competitiveness)**
- **OneExpert (network of experts in S&T)**
- **OneStore (e-business portal of SETUP products)**
- **RxBox (Telehealth device for RHUs)**



