DOST
OUTCOME STATEMENTS

Paper Presented by
Undersecretary Fortunato De La Pena
Department of Science and Technology

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PRODUCTIVITY-DRIVEN COUNTRYSIDE DEVELOPMENT

ADAPTIVE AND RESILIENT CITIZENS AND COMMUNITIES ARMED WITH ACCURATE AND SCIENTIFICALLY VALIDATED INFORMATION ON CLIMATE CHANGE ADAPTATION AND DISASTER RISK REDUCTION

CRITICAL/TRANSFORMATIVE TECHNOLOGIES

ICT INNOVATIONS (DIGITALLY-EMPOWERED CITIZENS AND COMMUNITIES)

IMPROVED QUALITY HEALTHCARE AND QUALITY OF LIFE THRU SCIENCE, TECHNOLOGY AND INNOVATION

S&T HUMAN RESOURCES DEVELOPMENT (IMPROVED QUALITY OF AND ACCESS TO S&T EDUCATION)

END-TO-END STI INTERVENTIONS FOR INDUSTRY COMPETITIVENESS

Science, Technology and Innovation:
Road to a SMARTER PHILIPPINES

PRODUCTIVITY-DRIVEN COUNTRYSIDE DEVELOPMENT

1. Broaden access of MSMEs to technology know-how for productivity and innovation through the Small Enterprise Technology Upgrading Program (SETUP)
2. Intensify STI interventions to enhance productivity of agricultural and aquatic sectors

END-TO-END STI INTERVENTIONS FOR INDUSTRY COMPETITIVENESS

1. Enhance innovative capacity of the local semiconductor electronics industry
2. Accelerate technology catching up and learning of local firms engaged in intermediate products, components and machinery in Food, Agriculture, Aquaculture, Automotive Parts, Furniture, and other Industry Sectors
3. Improve productivity and innovative capacity of local firms in producing new products from high value crops (abaca, cacao, coconut, rubber)
4. Upgrade local technological capacity in Renewable Energy and Smart Grid (RESG)
5. Build technological capacity for mass transport industry

IMPROVED QUALITY HEALTHCARE AND QUALITY OF LIFE THRU SCIENCE, TECHNOLOGY AND INNOVATION

1. Provide affordable and effective diagnostic technologies for important public health diseases
2. Provide affordable and effective health products for important public health diseases
3. Provide affordable and effective technologies for the prevention of important public health diseases
4. Provide prompt and appropriate medical care to underserved communities

DIGITALLY-EMPOWERED CITIZENS AND COMMUNITIES

1. Promote the rapid development of the information and communications technology (ICT) industry

2. Scale up and fast track the implementation of programs on e-Government services

3. Improve the quality of ICT education and enhance the development of globally competitive ICT competencies (e-Society)

4. Build the ICT capacities of public sector institutions (e-Government)

5. Provide an efficient and effective ICT infrastructure, systems and resources (e-Society, Cyber Security)

ADAPTIVE AND RESILIENT CITIZENS AND COMMUNITIES ARMED WITH ACCURATE AND SCIENTIFICALLY VALIDATED INFORMATION ON CLIMATE CHANGE ADAPTATION AND DISASTER RISK REDUCTION

1. Provide the public with timely warnings on weather-related disaster risks and climate change scenarios based on world-class scientific methods, practices and tools.

2. Provide the public with timely and accurate warnings on volcanic, seismic and other geologic hazards and disaster risks.

Science, Technology and Innovation:

Road to a SMARTER PHILIPPINES

IMPROVED QUALITY OF AND ACCESS TO S&T EDUCATION

1. Fulfil the provision of the law to establish a PSHS campus in each region
2. Mirror PSHS curriculum standards in all 17 regional science high schools
3. Develop cost effective ICT-enabled learning/ educational technologies for elementary and high school students
4. Democratize SEI undergraduate scholarship opportunities in accordance with the provision of law to entitle two scholars from each of the 1,655 municipalities and congressional districts without municipalities
5. Strengthen the S&T Graduate Scholarship Programs

LEADERSHIP, MANAGEMENT and INNOVATION

1. Transform the Department into a model of "SMARTER" government institution
2. Continuously invest in upgrading the educational qualifications and S&T know-how of the Department's workforce
3. Strengthen program management capability among senior and middle managers particularly on benefits realization and risk management
4. Work for the continued implementation of the Magna Carta benefits of S&T workers, in general, and DOST workers in particular
5. Develop and implement additional compensation schemes for DOST researchers and engineers who create public value with significant impact