

B. ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Advanced Science and Technology Institute (ASTI) is a Research and Development Institute of the Department of Science and Technology created through Executive Order (E.O.) No. 128. By virtue of this E.O., ASTI is mandated to undertake the following functions:

1. Undertake long-term researches to strengthen and modernize science and technology infrastructure;
2. Conduct research and development work in the advanced fields of studies including Microelectronics; and
3. Complement the overall endeavor in the scientific field with intensive activities in the computer and information technologies.

VISION

The Advanced Science and Technology Institute shall be among the leading R&D centers in ICT and Electronics within the South-East Asian region.

MISSION

We are committed to the development of the Filipino society and the Philippines as a nation. We shall contribute to the attainment

of national development priorities and the growth of Philippine enterprises by providing innovative solutions using ICT and electronics technologies.

KEY RESULT AREAS

KRA 1: Rapid Equitable and Sustained Economic Growth

KRA 2: Integrity of the Environment/Climate Change Mitigation and Adoption

SECTOR OUTCOME

Globally competitive and innovative production and knowledge services sector achieved.

ORGANIZATIONAL OUTCOME

Widespread benefits to Filipinos from scientific knowledge and ICT and microelectronics technologies increased

PERFORMANCE INFORMATION

KEY STRATEGIES

1. Implement a balance between long term and short term researches in Information and Communications Technology (ICT) and Electronics
2. Develop innovative products, solutions and applications
3. Provide technical advisory services to address the technological needs of Philippine institutions and enterprises

ORGANIZATIONAL OUTCOMES (OOs) / PERFORMANCE INDICATORS (PIs)

BASELINE

2016 TARGETS

Widespread benefits to Filipinos from scientific knowledge and ICT and microelectronics technologies increased

% benefit incidence of ASTI services among target local firms and institutions	56% local firms and institutions benefited from the technical advisory services rendered in 2013	>70% of target local firms and institutions
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MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2016 Targets

MFO 1: RESEARCH AND DEVELOPMENT

Research and Development Performance Indicators

No. of projects completed and disseminated	12
% of projects completed in the last five (5) years that are published in recognized media or adopted by the industry	90%
% of projects completed within the timeframe in accordance with original project approval	90%

MFO 2: TECHNICAL ADVISORY SERVICES

Technical Advisory Services Performance Indicators

No. of technical advisory services rendered	4,300
% of clients who rate the technical services as satisfactory or better	90%
% of technical services provided within three (3) days of request	90%