

B. ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE

STRATEGIC OBJECTIVES

MANDATE

The Advanced Science and Technology Institute (ASTI) is mandated to perform the following functions: Scientific research and development in the advanced fields of Information and Communication Technology and Microelectronics; undertake long-term researches to strengthen and modernize science and technology infrastructure; conduct research and development works in the advanced fields of studies including biotechnology and microelectronics; and complement the overall endeavor in the scientific field with intensive activities in computer and information technologies.

VISION

Leading Research and Development Centers in Information and Communications Technology (ICT) and Electronics within the Southeast Asian region.

MISSION

Committed to the development of the Filipino society and the Philippines as a nation. ASTI shall contribute to the attainment of national development priorities and the growth of Philippine enterprises by providing innovative solutions using ICT and electronics technology.

KEY RESULT AREAS

Rapid, inclusive, and sustained economic growth

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

2015 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

MAJOR FINAL OUTPUTS (MFOs) / PERFORMANCE INDICATORS (PIs)

2015 Targets

MFO 1: RESEARCH AND DEVELOPMENT

No. of proposals 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

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 3 days of request	90%