












Objectives/Results	Indicator	Baseline ^{a/}	Latest Data			Plan Target ^{b/}	Likelihood of Achieving the PDP target	Responsible Agency ^{c/}	Reporting Entity ^{d/}
SCIENCE AND TECHNOLOGY									
Societal Goal									
To lay down the foundation for inclusive growth, a high-trust and resilient society and a globally competitive knowledge economy									
Intermediate Goal									
Increasing growth potential									
Chapter Outcome 1									
Technology adoption promoted and accelerated									
Sub-chapter Outcome 1.1									
STI (science, technology and innovation) utilization in agriculture, industry and services sectors increased	Aggregate Outputs								
	Number of Filipino patents granted increased	31	25	28	42			IPOPIL	IPOPIL
		2016	2017	2018	2022				
	Number of Filipino utility models registered increased	555	542	1,051	833			IPOPIL	IPOPIL
	2016	2017	2018	2022					
Number of Filipino industrial designs registered increased	516	1,014	955	691			IPOPIL	IPOPIL	
	2016	2017	2018	2022					
Sub-chapter Outcome 1.2									
Investments in STI-based start-ups, enterprises, and spin-offs increased	Number of innovation hubs increased (e.g. TBIs, innovation centers, niche centers, etc.) (cumulative) ^{e/}	23	36	¹ 45	83			DOST	DOST
		2016	2017	2018	2022				
Chapter Outcome 2									
Innovation stimulated									
Sub-chapter Outcome 2.1									
Creative capacity for knowledge and technology generation, acquisition, and adoptions enhanced	Aggregate Outputs								
	R&D expenditure as a proportion of GDP increased (in percent, cumulative) ^{f/}	0.14	0.16	¹	0.50			DOST	DOST
		2013	2015		2022				
	Number of Science, Technology, Engineering, and Mathematics (STEM) enrollees in higher education institutes (HEIs) increased (in million, cumulative) ^{g/}	1.3		1.3	¹ 1.0	1.8			CHED
	AY 2015-2016		2017	2018	2022				
Number of Balik Scientists Engaged increased (cumulative)	26		36	¹ 28	51			DOST	DOST
	2016	2017	2018	2022					
Chapter Outcome 2.2									
Open collaboration among actors in the STI ecosystem strengthened	World Economic Forum (WEF) University-Industry Collaboration percentile rank improved	52.5	51	** 81	Top 49%			DOST/CHED/ IPOPIL	DOST/CHED/ IPOPIL
		2016	2017	2018	2022				

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SCIENCE AND TECHNOLOGY									
	Aggregate Outputs								
	Number of collaborations between HEIs and industries increased (cumulative)	70	161	164	150			CHED	CHED
		<i>2014</i>	<i>2017</i>	<i>2018</i>	<i>2022</i>				
	Number of collaborations between HEIs and government increased (NGAs and LGUs) (cumulative)	300	310	451	500			CHED	CHED
		<i>2015</i>	<i>2017</i>	<i>2018</i>	<i>2022</i>				
	Number of STI-related international cooperations of HEIs increased (cumulative)	40		78	100			CHED	CHED
		<i>2015</i>		<i>2018</i>	<i>2022</i>				

Notes:

** Data from 2017 Socioeconomic Report

^{a/} Actual data as of December 2015, or most recent available data. May not necessarily be year-end values

^{b/} May either be the cumulative or incremental target value at the end of the Plan period

^{c/} Indicative one (lead) responsible agency only (responsible for reporting progress on indicator targets)

^{d/} Lead agency responsible for reporting progress on indicator/targets

^{e/} The targets are based on these assumptions: 1) there will be seven (7) niche R&D centers to be established in each region per year; 2) there will be three (3) TBIs established per year; and 3) existing innovation hubs will be sustained. This, however, will depend on the budget to be provided by the DBM.

^{f/} The PSA and DOST are requested to produce this data annually instead of every two (2) years. Data from 2016 to 2022 may be needed to better monitor the indicator.

^{g/} The implementation of K-12 has resulted in the decline of freshmen higher education enrollment in 2016 and is seen to continue in 2017. In anticipation of this, the 2017 target is made lower than the actual number of STEM enrollees in 2016. On the other hand, the first batch of the K-12 enrollees will start to increase in 2018.

¹ Revised by the agency

List of Acronyms:

CHED - Commission on Higher Education

DOST - Department of Science and Technology

IPOPIL - Intellectual Property Office of the Philippines