

ข้อมูลผลการดำเนินงานด้านนวัตกรรมและการจัดการองค์ความรู้

GRI Standards	Required Data	Unit	Data Collection Period			
			2017	2018	2019	2020
-	Innovation and Technology					
	Budget for technology research and development	USD	15	18	24	12
	Projects for Technology Research and Development;	Number of project	56	63	72	66
	Phase 1 (Preliminary Study)	Number of project	11	7	10	8
	Phase 2 (Lab-scale)	Number of project	27	27	33	29
	Phase 3 (Prototype)	Number of project	10	21	8	14
	Phase 4 (Pilot)	Number of project	5	5	16	12
	Phase 5 (Deployment or Commercialization)	Number of project	3	3	5	3
	Intellectual Property Registrations					
	Patent	Number	5	7	12	9
	Software copyrights	Number	0	2	2	0
	Publication of the Study Results					
	Research Paper	Number	7	8	12	6
	Publicized (Journals and Conferences)	USD	15	18	24	12