ข้อมูลผลการดำเนินงานด้านเทคโนโลยี

GRI Standards	Required Data	Unit	Data Collection Period			
			2020	2021	2022	2023
-	Innovation and Technology					
-	Budget for technology research and development	Million USD	12	12.5	18.5	11.5
	Projects for technology research and development;	Number of project	66	56	65	58
	Phase 1 (Preliminary Study)	Number of project	8	5	15	10
	Phase 2 (Lab-scale)	Number of project	29	23	26	23
	Phase 3 (Prototype)	Number of project	14	14	16	19
	Phase 4 (Pilot)	Number of project	12	10	5	5
	Phase 5 (Deployment or Commercialization)	Number of project	3	4	3	1
	Intellectual property registrations					
	Patent	Number	9	19	17	17
	Software copyrights	Number	0	0	7	0
	Publication of the study results					
	Research paper publicized in journals and conferences	Number	6	8	8	15

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