

Table 25.2: Major targets to 2022 of the Republic of Korea's *Fourth Basic Plan for Science and Technology*

Strategy	Indicator	Unit of measure	Situation as of 2017	Target to 2022 of Fourth Basic Plan
Expanding capacity for future challenges	Government-funded basic research designed by researchers	KRW trillions (US\$ billions)	12.60 (1.1)	25.20 (2.2)
	World's most influential scientific minds (Thomson Reuters)	Individuals	28	40
	Level of interest in science and technology (measured by OECD Programme for International Student Assessment)	Ranking	26 ⁻²	24
Creation of ecosystem that stimulates innovation	Ratio of innovative start-ups to total start-ups	Percentage share	21 ⁻³	30
	Joint patenting by industry, academia and research institutes	Cases per thousand researchers	2.3 ⁻³	3.0
	S&T budget as share of total regional government budget	Percentage	1.07 ⁻¹	1.63
Creation of new industries and jobs led by science and technology	Jobs based on S&T and ICTs	Number	–	260 000
	Global software developers	Number	37 ⁻¹	100
Happier lives	Ratio of healthy population over 65 years old to total population over 65 years old	Percentage share	21.1 ⁻²	25
	Technological level in safety from disaster	Percentage share of population	73.5 ⁻¹	80.0
	Average density of particulate matter (PM 2.5) in Seoul	µg m ⁻³	26	18

-n: data refer to *n* years before reference year

Source: MSI (2018a)