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## Research and development, Targeted core technology development Investment Promotion Division 1-4

### Research and development

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7.11	Research and development	
	- Bio-based and Medical Industries	Investment Promotion Division 1
	- High Value Services	Investment Promotion Division 2
	- Basic and Supporting Industries	Investment Promotion Division 3
	- Creative and Digital Industries	Investment Promotion Division 4
	- Other Industries	Investment Promotion Division 4

### Targeted core technology development

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8.1.1	Biotechnology Development	Investment Promotion Division 1
8.1.2	Nanotechnology Development	Investment Promotion Division 3
8.1.3	Advanced Material Technology Development	Investment Promotion Division 2 and 3
8.1.4	Digital Technology Development	Investment Promotion Division 2 and 4

## Research and development, Targeted core technology Development Investment Promotion Division 1-4

Investment Promotion Division	Activities	Conditions	Incentives
<b>Research and development</b>			
	7.11 Research and development	1. Must have scope of business, as follows: 1.1 Basic research refers to theoretical or operational activities that are conducted to explore new knowledge from basic natural phenomena and factual observation, without initially considering the application. 1.2 Applied Research refers to research that applies basic knowledge to solve or develop a concept for commercial purpose, with the objective to obtain a new product or process. Applied research includes related activities such as formula development, product design, and production process design for use at an industrial or commercial level. 1.3 Pilot development refers to activities performed to magnify a production scale from basic research and applied research. Pilot development is the development of a prototype and/or production process testing at a semi-industrial level to test the market and/or collect information on suitable conditions for a production process to use a product design at an industrial level. 1.4 Demonstration development refers to research and development that further develops results from a pilot development in order to test a production process at an industrial level to verify a technology and production process and to demonstrate the level of integrity of such process and viability on a commercial scale production in both quality control and cost estimation.	A 1
1	- Bio and Medical Industries		
2	- Advanced Manufacturing Industries		
3	- Basic and Supporting Industries		
4	- Creative and Digital Industries		

Investment Promotion Division	Activities	Conditions	Incentives
		<ol style="list-style-type: none"> <li>2. Must provide the Board with the details and scope of such research and development projects, information on projects' researchers, including number of researchers, academic profiles and work experiences.</li> <li>3. Revenues derived from sale of the provision of services that are directly related to a promoted business or which are from downstream production for commercial purposes, either carried by the promoted company or sub-contractor, shall be regarded as revenue of the promoted business.</li> <li>4. Project located in the science and technology park, promoted by the BOI or one that is approved by the Board will receive an additional 50 percent reduction of corporate income tax for 5 years after the end of its corporate tax exemption period.</li> <li>5. Projects must have expenses on salaries for research and development personnel of at least 1,500,000 baht per year and it must be new employment, or must have capital investment of at least 1,000,000 baht (excluding cost of land and working capital).</li> <li>6. Project may apply for merit based incentives and be granted the corporate income tax exemption for not exceeding 13 years</li> </ol>	
<b>Targeted core technology development</b>			
	8.1 Targeted core technology development	<ol style="list-style-type: none"> <li>1. Target technology development procedures shall be used as a base for the manufacturing process or service provision in the target industry as approved by the BOI</li> <li>2. There must be a technology transfer with an educational institution or research institute as approved by the BOI e.g. Technology Research Consortium.</li> <li>3. Project located in a science and technology park promoted by the BOI or one that is approved by the Board will receive an additional 2-year corporate income tax exemption.</li> <li>4. Project may apply for merit based incentives and be granted the corporate income tax exemption for not exceeding 13 years.</li> </ol>	Section 8 (10-year corporate income tax exemption without cap)
1	8.1.1 Biotechnology Development		
3	8.1.2 Nanotechnology Development		
2 3	8.1.3 Advanced Material Technology Development		
2 4	8.1.4 Digital Technology Development		

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<i>CIT Exemption</i>	<i>A 1 = 8 years (No Cap)</i>	<i>A 2 = 8 years</i>	<i>A 3 = 5 years</i>	<i>A 4 = 3 years</i>
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