

01.

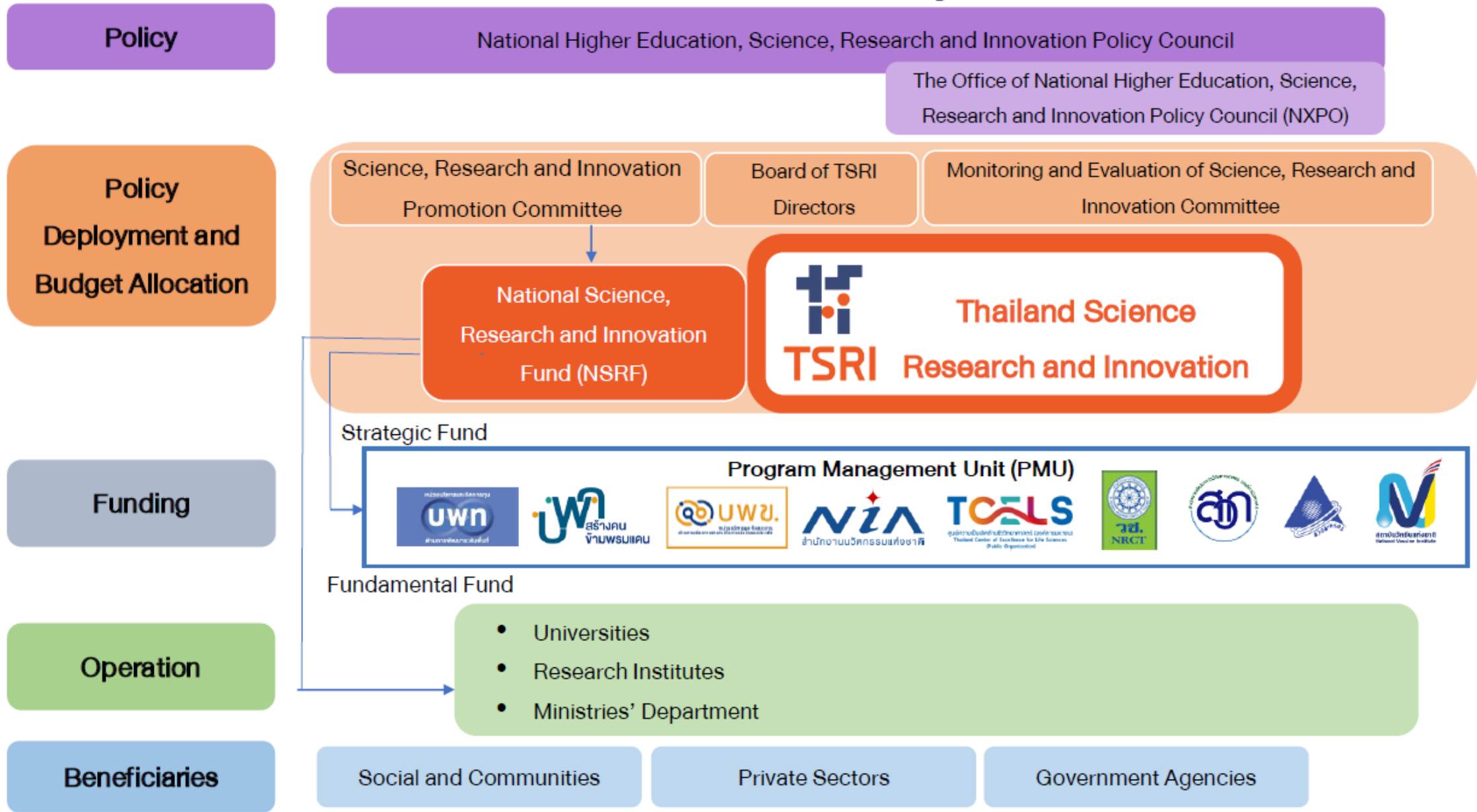
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# National Science Research and Innovation System

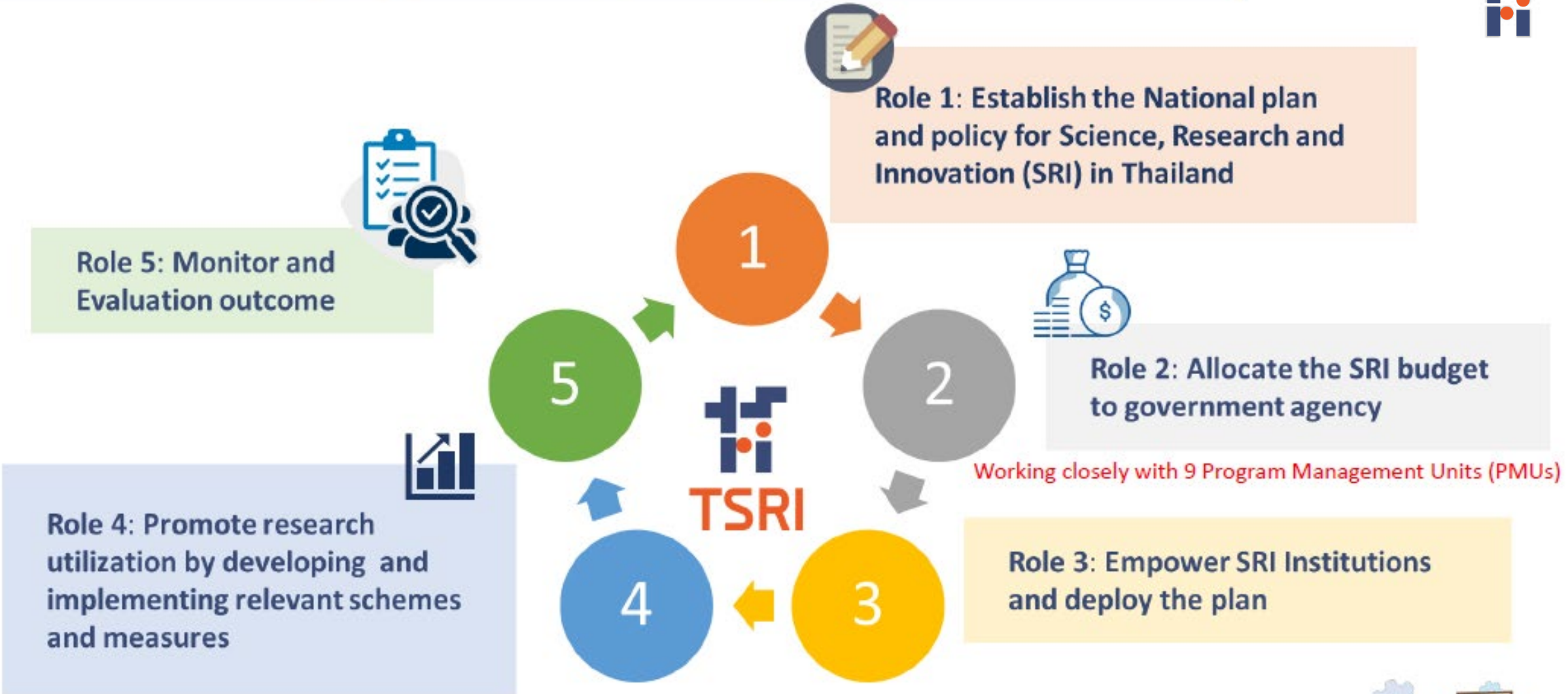
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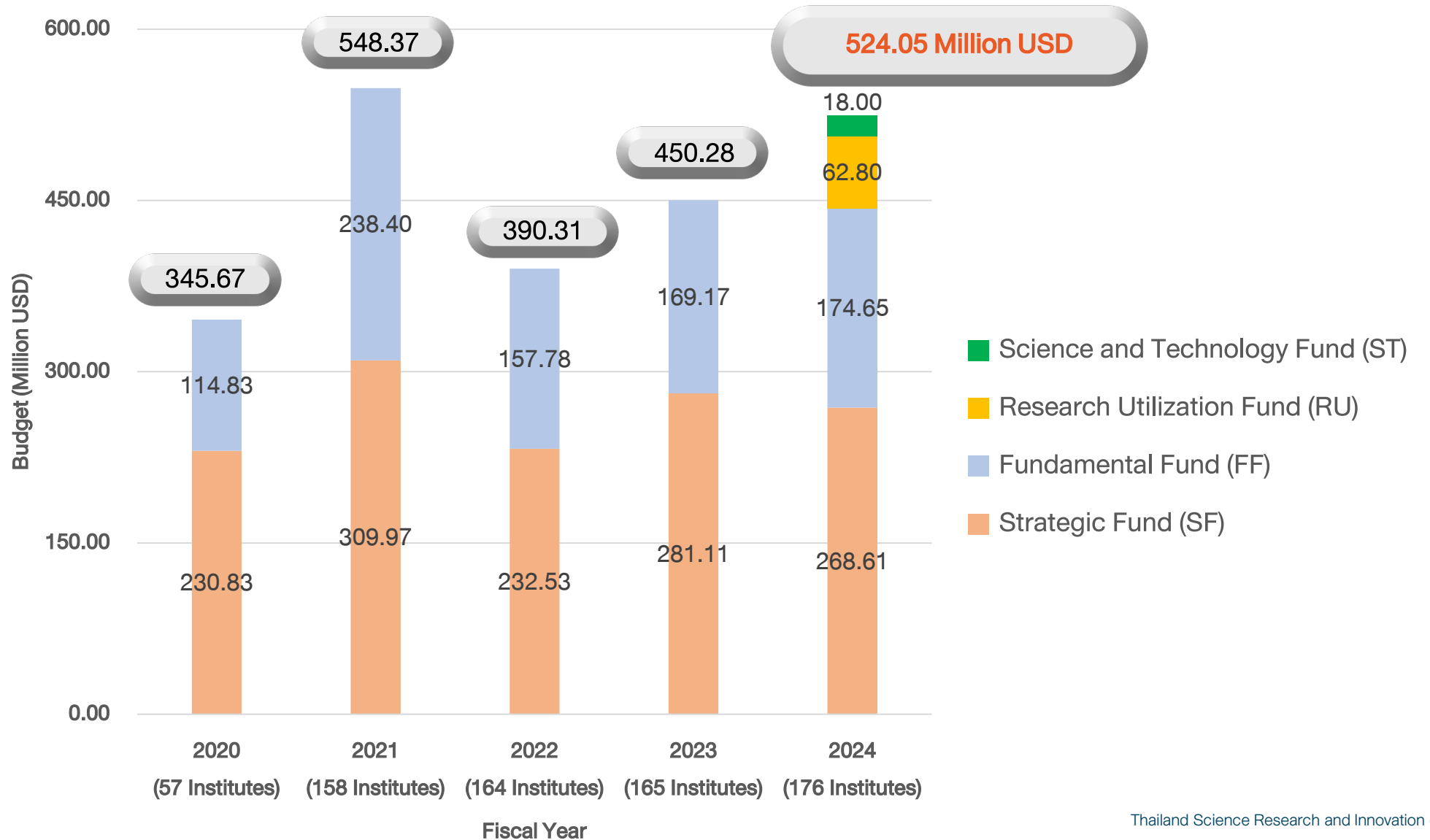
# National Science Research and Innovation System (Since May 2019)



# TSRI as the National Policy Deployment and Budget Allocating Body to Promote SRI in Thailand



- The budget that has been allocated from the national budget.



02.

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# National Science Research and Innovation Plan 2023 – 2027

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• **National Science Research and Innovation Plan 2023 – 2027**



“Transform the country into a developed country ready for the future world with rapid and sustainable development. Raise the quality of life and increase competitiveness with the economy creating value by Thai science research and innovation and combining the power of agencies in the SRI system including government agencies, private sectors, and civil society”

**Economic Development** through Value-Driven and Creative Economy for Nation’s Competitiveness, Sustainable Self-Reliance, and Future Readiness via Science, Research, and Innovation



**Society and Environment’s Sustainable Development** for Resilience to Global Dynamics via Science, Research, and Innovation



**Frontier Science, Technology, Research, and Innovation** for Future Opportunities and Readiness



**Development of Manpower and Science, Research, and Innovation** Institution for Leapfrogging through Science, Research and Innovation



**Strategic  
of the National  
SRI plan**

Strategy 1

Strategy 2

Strategy 3

Strategy 4



# Overall Impact of National Science Research and Innovation Plan 2023 – 2027

The country is one of the technology leaders (Front Runners) at the international level for the country's target fields and at the ASEAN level for new industries and services of the future.

The country's workforce has higher productivity and potential in science, technology, research and innovation for national development.

Amount of research investment, budget development and innovation of the private sectors increased significantly with the stimulation of state investment and policies/ measures regarding fishing nets.

Thai society, especially target people, having awareness and knowledge of the importance, benefits, and value of science and technology has significantly increased.

Thailand has a higher ranking on the **Global Innovation Index**, ranking in the top 35.

Thailand has a higher ranking on the **Sustainability Index (SDG Index)**, ranking in the top 35.



## Thailand is liberated from middle income country and will be a developed country in 2037

# National Science, Research and Innovation Plan 2023–2027 : 25 Programs

## Strategy 1

Economic Development through Value-Driven and Creative Economy for Nation's Competitiveness, Sustainable Self-Reliance, and Future Readiness via Science, Research, and Innovation

### Programs

**P1 BCG Economy for Healthcare and Well-Being** 

**P2 BCG Economy for Agriculture and Food**



**P3 BCG Economy for Tourism** 

**P4 BCG Economy for Clean and Renewable Energy, Biomaterial, and Biochemical** 

**P5 Digital, AI, Smart Electronics, Robotics, and Automations for Productivity and Self-Reliance** 

**P6 Logistics and Railways Technology and Industry Development** 

**P7 Electric Vehicle Technology and Industry Development** 

**P8 Innovation Driven Enterprises (IDEs) Development** 

## Strategy 2

Society and Environment's Sustainable Development for Resilience to Global Dynamics via Science, Research, and Innovation

### Programs


**P9 Aging Society Development through Science, Research, and Innovation** 

**P10 National Health Securities and Preparation for Emerging Diseases** 

**P11 Eradication of Poverty and Inequality and Local Economy Development** 

**P12 Moral Society, Anti-Corruption, and Good Governance** 

**P13 Livable and Sustainable Cities** 

**P14 Violence-free Society and Public Safety** 

**P15 Sustainable Consumption and Low-carbon Society** 


**P16 Natural Disasters and Climate Change Impact Reduction** 


**P17 Humanities, Social Science, and Arts for Cultural Prosperity** 


## Strategy 3

Frontier Science, Technology, Research, and Innovation for Future Opportunities and Readiness

### Programs

**P18 Frontier Research in Science, Social Science, Humanities and Arts** 

**P19 Technology and Innovation Development for Future Industry and Service** 

**P20 Development of Science & Technology Infrastructure (STI) and National Quality Infrastructure (NQI) for Frontier Research, Technology, and Innovation** 

### Special Programs

**P24 National Crises Responses and Resolutions**


**P25 Development of Science, Research, and Innovation System, Improving Management and Operations for National SRI Strategy Success**


## Strategy 4

Development of Manpower and Science, Research, and Innovation Institution for Leapfrogging through Science, Research and Innovation

### Programs

**P21 Development of R&D Personnel and Advanced Skill Workers** 

**P22 Science, Research, and Innovation Institution Development** 

**P23 Development of ASEAN Hub of Talent and Hub of Knowledge** 





Thailand Science  
Research and Innovation

## THANK YOU

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