

In 1982, the National Research Center of Science and Technology for Development (NRCSTD) was established, with the autograph of Mr. Deng Xiaoping.

In 2007, the Chinese Academy of Science and Technology for Development (CASTED) was established on the basis of NRCSTD.

# 中国科技促进发展 研究中心

科学+发展

## Chinese Academy of Science and Technology for Development



The Chinese Academy of Science and Technology for Development (CASTED), a public institution affiliated to the Ministry of Science and Technology (MOST), is committed to providing strategic insights and decision-making consultations for China's science, technology and innovation (STI) development. It was inaugurated in 2007 on the basis of the former National Research Center of Science and Technology for Development (NRCSTD) established in 1982.

CASTED has eight research institutes, namely, Institute of Comprehensive Development, Institute of Science and Technology Systems and Management, Institute of Foresight and Evaluation, Institute of Science and Technology Statistics and Analysis, Institute of Science and Technology Investment, Institute of Science and Technology for Industrial Development, Institute of Rural and Regional Development, and

Institute of Science, Technology and Society, as well as three administrative departments, including Party Committee Office, General Office, and Research Management Office. It sponsors three national organizations, i.e. China Federation of Scientific and Technological Institutes, China Society for Science and Technology Indicators, and China Association for Promotion of Science & Technology and Finance. It publishes two journals, i.e. *Forum on Science and Technology in China* and *China SciTechnology Business* and runs a post-doctoral workstation and the Chinese Institute of the Senary Sector. CASTED hosts various international cooperation platforms, including the China-OECD liaison office on Science and Technology Innovation Cooperation the Sino-German Innovation Policy Platform, China-ASEAN Research Center of Science and Technology Innovation.

For over three decades, CASTED has made pioneering and pragmatic efforts to serve the needs of national development, and played an important role in supporting China's STI policy-making. It has become a major research base dedicated to China's STI strategy and policy.

## International Research and Training Center for Science and Technology Strategy (CISTRAT) under the Auspices of UNESCO



The International Research and Training Center for Science and Technology Strategy (CISTRAT) under the Auspices of UNESCO is the first Category 2 Center of UNESCO to focus on research and training for science and technology policy and innovation strategy, and also the first S&T strategy and policy Category 2 center in China. Since its inauguration in September 2012, CISTRAT, hosted by CASTED, has shared China's experience with developing countries in extensive areas including sustainable development, S&T strategy, and S&T for poverty reduction through research collaboration and training activities geared to improving S&T strategy research and management. It provides free training in STI strategy and policy each year for developing countries and underdeveloped regions.



## President's Address

“ In 2018, In celebration to mark the 40th anniversary of the reform and opening up, Chinese people thoroughly study and apply Xi Jinping Thought on Socialism with Chinese Characteristics in a New Era. Internationally, the year 2018 saw unilateralism and trade protectionism rear their heads and disrupt global political and economic rules, which leads to new challenges on global governance. The world has ushered in a hundred-year-met changing era. ”

胡钟 (President of CASTED)

In the year, we paid close attention to the world dynamics, more focused on the resolutions of the CPC Central Committee on science, technology and innovation and conducted strategic research with a view to thoroughly implementing the guidelines laid out at the 19th CPC National Congress and the second and third plenary sessions of the 19th CPC Central Committee. We conducted researches on major subjects including General Secretary Xi Jinping's important expositions on science, technology and innovation, national innovation system and modern economic system, China-U.S. trade dispute, international cooperation in innovation capacity building, basic research, artificial intelligence, military-civilian integration, and the 40th anniversary of China's science and technology system reform, with many research outcomes being commented on and affirmed by top leaders. We continued research on subjects including innovation demonstration zones, science programs, industrial innovation, agricultural innovation, technology foresight, innovation assessment, statistical analysis, intellectual property, innovation incentive, science & technology and

finance, fin-tech, S&T talent, and research ethics to support decision-making and important policy-making of the Leading Party Group of the Ministry of Science and Technology.

We gave a higher priority to international cooperation and made important progress in international cooperation as well as domestic coordination. We signed memorandums of understanding on cooperation with leading international think tanks including RAND Corporation, RELX Group and Research Foundation Fafo. By conducting collaborative research and holding academic seminars, we deepened cooperation with the national think tanks of countries including the U.S., the U.K., Germany, Russia, Israel, Norway, Japan and Korea, and supported related diplomatic events. We held the 7th training workshop of the International Research and Training Center for Science and Technology Strategy (CISTRAT) under the auspices of the UNESCO, Pujiang Innovation Forum sessions on "Belt and Road", and China-ASEAN Innovation Policy Think Tank Forum to build consensus on building "Belt and Road" into a road of innovation. We also strengthened cooperation with other domestic think tanks to promote sharing of research outcomes and jointly provide advisory services for the development of key regions.

We put a greater emphasis on capacity building, outcome orientation and institutional innovation and made smooth progress in fostering a national top science, technology and innovation think tank. We completed research and diplomatic publicity tasks assigned by the Publicity Department of the CPC Central Committee and the National Council of Top Think Tanks and submitted think tank outcomes in a timely way. We optimized our fields of research, organized research teams in emerging fields including artificial intelligence, and introduced measures to encourage young researchers to sharpen their unique expertise. We also established an outcome-oriented incentive mechanism.

In 2019, we will hold high the great banner of Xi Jinping Thought on Socialism with Chinese Characteristics in a New Era and continue to comprehensively implement the spirit of the 19th CPC Central Committee. We will strive to make more breakthroughs in the level, internationalization and specialization of strategic research and celebrate the 70th anniversary of the founding of the People's Republic of China with more fruitful research achievements.

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### 1.1 Focusing on Frontier Theory and Strategy

#### Research on General Secretary Xi Jinping's Important Remarks on STI Development

Focusing on the content of the Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and the overall requirements for STI development, we have conducted a number of research on subjects such as “addressing the key issues of STI development in China under the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era” and “the connotation of STI development theory with Chinese characteristics”

#### Research on the Construction of the National Innovation System Supporting Modernized Economic System

Focusing on the implementation of the decisions of the 19th CPC National Congress and the Second and Third Plenary Sessions of the 19th CPC Central Committee, aiming at the critical period of economic transition from high-speed growth to high-quality development, and centering on the relationship between the national innovation system and the modernized economic system, the status quo and challenges of construction of the national innovation system, and the measures for accelerating construction of the national innovation system, we have conducted a research into the topic of “national innovation system construction supporting modernized economic system”, and produced the general report, *Research on Construction of the National Innovation System Supporting Modernized Economic System*, and several topical reports on the industrial innovation system, technological innovation system, public research system, applied basic research development, knowledge transfer and conversion system, innovation system geared toward balanced regional development, opening of national innovation system and the evaluation index system of the national innovation system.

#### Research on the Strategic Support of STI Development for the Construction of Modernized Economic System

To implement the decisions of the 19th CPC National Congress concerning the construction of a modernized economic system and to give full play to the strategic supporting role of STI in the construction of a modernized economic system, we, based on theoretical research and survey, have put forward suggestions on strengthening the strategic deployment of STI and giving full play to STI's role as an intrinsic factor driving economic growth. Accordingly, we have produced the report titled *Theoretical Thinking on the Construction of National Innovation System in the New Era* and other relevant reports as decision-making reference for ministers of Ministry of Science and Technology.





Research on Sino-US Trade Dispute

Focusing on Sino-US trade dispute, we have actively carried out strategic research, and published a total of 39 special issues of *Strategic Research Reference* on this subject throughout the year. Two of research reports, i.e. *Impact of Sino-US Trade Frictions on Science and Technology* and *Priority Directions of STI Cooperation for Major Small Countries* were recognized by Vice Premier Liu He; *Evolution of Sino-US Competition Pattern in Science and Technology - Trend and Countermeasures* was published on *Decision-making Reference*, a journal run by the Research Department of the State Council; *Key S&T Policies and Recommended Countermeasures in the Section 301 Investigation Report, China's STI Weak Links Exposed in the Global Value Chain, Development Trends and Strategies of Sino-US Competition and Cooperation in Science and Technology* and other reports have contributed to the release of relevant countermeasures at the state level.

Research on the Strategic Path Leading to a World Power in Science and Technology

Closely following the major decision-making needs on science and technology, and based on the review of historical evolution and construction experience of world powers in science and technology and the analysis of situation and

tasks faced by China in building a world power of science and technology, we have studied the characteristics, vision and objectives of efforts to turn China into a world power of science and technology, produced the general report titled *Research on Key Measures and Pathways for Building World Powers of Science and Technology* and proposed strategic pathways and major policy suggestions for building China into a world power in science and technology.

Research on Enhancing Open Cooperation in Innovation Capabilities

Focusing on implementation of the decision of the 19th CPC National Congress on "enhancing open cooperation in innovation capabilities", we have conducted extensive research on international STI cooperation, put forward opinions and suggestions on how to further strengthen open cooperation in innovation capabilities and promote the opening up of STI in the new era, and provided research support for formulation of *Opinions on Enhancing Open Cooperation in Innovation Capabilities* (draft for comment).

Research on Development of Basic Research

We have carried out research on "policy issues concerning guidance of private funds investment in basic research" and "prevailing features and development patterns of

basic research under the new situation", and participated in drafting of the *Master Plan of Basic Research, Applied Basic Research and Technological Innovation Project*.

Research on S&T Talents

We have carried out research on a variety of subjects such as "the Latest Domestic and Foreign Research Progress in the Field of S&T Human Resources", "Supervision over Implementation of the Innovation Talent Promotion Program", "Research on the Strategy of Talents' Introduction of Chinese Science and Technology Innovation under the Background of Sino-US Competition" and "Theoretical and Policy Issues on the Construction of Scientific and Technological Management Cadres in the New Period". Additionally, we have completed an investigatoin into the filling of positions concerning Overseas High-level Talent Introduction Plan and submitted the research report to the Organization Department of the CPC Central Committee; we completed the research titled *China Now Has Reached the Window Period for Accelerating the Cultivation of Nobel-level Achievements and Talents*, which attracted the attention of Wang Huning, Standing Committee Member of the Political Bureau of the CPC Central Committee.

<< 1.1

Focusing on Frontier Theory and Strategy

1.2

Centering on Key National Policies

Research on 40 Years of Experience in the Reform of the Science and Technology System

Focusing on China's development over 40 years of reform and opening-up, the major innovative achievements and valuable experience gained in the reform, we have carried out research and accordingly compiled the book *40 Years of Reform of Science and Technology System*; we additionally completed the major research project of the CPC Party Leading Branch Group for the Ministry of Science and Technology with a report titled *History and Experience of Science and Technology Reform over 40 Years of Reform and Opening-up*.

Analytical Research of Science and Technology Statistics

We have carried out the annual work of national science and technology statistics and innovation survey data collection and research, released basic data for science and technology statistics and analysis, including *China Science and Technology Statistics Databook*, *Quarterly Monitoring Data* and *Science and Technology Statistics Report*. We have also conducted research and completed a publication titled *China Science and Technology Indicators 2016*.

Research on Intellectual Property System

We have conducted research on subjects like property right system and income distribution reform of scientific and technological achievements, financial service system and policies of intellectual property rights, ten-year evaluation of implementation of the strategic outline of the national intellectual property, and the mechanism of promoting STI development and conversion of R&D outcomes through financial innovation. Accordingly, we have produced a number of reports, including the papers titled *Establishing and Perfecting the Intellectual Property Security Analysis Mechanism as the Basis for the Formation and Implementation of Major Science and Technology Projects*, and *Reflections on the Local Exploration for the Reform of Mixed Ownership System of On-the-job Scientific and Technological Achievements*.

Research on Innovation Incentive Policies

We have conducted research on the implementation of the distribution policy that aims to increase the value of knowledge, and drafted the evaluation reports titled *Several Opinions on the Implementation of the Distribution Policy for Increasing the Value of Knowledge*. In addition, focusing on science and technology awards and academic evaluation, we have drafted the research reports titled *Establishing a Scientific and Effective Academic Evaluation System* and *Improving the Atmosphere of Innovation with a view to improving the Scientific Research Performancethat* were submitted to the central authorities.

Survey and Research on Wenchuan Earthquake on its 10th anniversary

We have conducted a survey on the recovery and development of Wenchuan ten years after the earthquake in 2008, and a research on the "long-term impact of the Wenchuan earthquake and natural disasters in China"; we have completed a *survey on the Recovery and Development of Wenchuan Ten Years after the Earthquake* and published other related research results, and submitted relevant research reports to the Publicity Department of the CPC Central Committee. Additionally, we have hosted an academic workshop titled 40th anniversary of China's reform and opening-up and 10th anniversary of the Wenchuan earthquake in cooperation with the Fafo Research Foundation of Norway.

### Research on Block Chain technology

We have conducted research on block chain and other financial technologies, made in-depth studies of enterprises such as JD 360 E-commerce Co., Ltd., Shenzhen Xunlei Network Technology Co., Ltd. and WeBank Company (initiated by Tencent Internet-based Technology and Cultural Enterprise), and produced a series of research reports, including *“Research on the Development Model, Impact of Block Chain Technologies and Recommended Countermeasures and Suggestions for the Development of Block Chain in China”*, *“Suggestions on the Development of China’s Block Chain Technology”*, *“Current Status of R&D and Applications of China’s Block Chain Technology and Relevant Development Proposals*, *It’s about Time for Development of Regulatory Technologies*, *Key Factors for Consideration in the Issuance of Legalized Digital Currency*, which attracted the attention of leading officials of the Ministry of Science and Technology.

### Research on Civil-Military Integration

We have conducted research on issues related to the building of national defense capabilities and the development of national defense science and technology through financial means. The relevant research reports were submitted to the Science and Technology Committee of the Central

Military Commission and received positive feedback; we have also conducted studies on the governance mechanism for deeper civil-military integration with Shanghai characteristics and on the pattern of China (Mianyang) Science and Technology City in promoting deeper civil-military integration. The relevant research results provided decision-making reference for local governments to promote STI development and civil-military integration.

### Research on Science & Technology Finance

We have carried out research on the reform of value-added tax system that meets the needs of innovation-driven development in China, follow-up study on the implementation of tax deduction policy for R&D expenditure, and strategic research on green finance cooperation among BRICS countries. As a result, we produced a number of research reports including *“Science & Technology Finance: From Concept to Theoretical System”*, and *“Key Issues Requiring Urgent Solutions in the Construction of the Green Finance System”*. We participated in the assessment work of import tax policies for major special science and technology projects; Furthermore, we completed the survey on the local implementation of the innovation voucher system and submitted the *Special Research Report on Scientific and Technological Innovation Vouchers*.

### Research on Artificial Intelligence Technology

We have carried out research on major strategic issues concerning the development of intelligent economy and intelligent society in China and on the strategic paths for promoting deep integration of artificial intelligence and the real economy. As a result, we completed the research papers including *“Regulatory Standards Urgently Needed for the R&D and Industrialization of Artificial Intelligence”*, *“New Generation of Artificial Intelligence Should Focus on Responsible Development”*, *“Risk Analysis of China’s Artificial Intelligence Development against the Background of Sino-US Competition”*, which provided research support to promote China’s formulation of strategic decisions and response measures. We have also participated in and produced the drafting of the reference materials for the ninth group study session of the Political Bureau of the CPC Central Committee with regard to *Current Trends and Recommendations of Artificial Intelligence Development*.

### Research on Innovation Demonstration Zone

We have conducted a follow-up research on the implementation effect of innovation policies in national independent innovation demonstration zones, under the subject of which we followed the implementation of policies, located major problems, and put forward corresponding policy recommendations, providing support for the Ministry of Science and Technology and other departments to further improve relevant innovation

policies. We have also carried out research on the self-development mechanism of the innovation demonstration zones and sustainable development experimental zones under the national agenda for sustainable development, with a view to supporting the Ministry of Science and Technology in the pilot work of innovation demonstration zones under the national agenda for sustainable development.

### Research on Science and Technology Planning

We have carried out research on the subjects like the key issues for encouraging deeper participation of foreign scientists in China’s national science and technology plans, major issues on the consultation and comment system of national science and technology planning, and management of fiscal investment in science and technology development; accordingly, we produced a number of research reports, including *Korea’s Fourth Phase of Science and Technology Basic Plan and Its Policy Implications and Experiences and Inspirations of Contract Management of Science and Technology Plans in Europe and US*.

### Research on STI Evaluation

We have conducted research on China’s innovation capability and level, and produced relevant reports, which have been commented by Vice Premier Liu He. We have carried out research on the national innovation index and regional STI evaluation, and published accordingly a number of research reports, including *“National Innovation Index Report*

*2018”* and *“China Regional STI Evaluation Report 2018”*. We have continued to make analysis of the macroeconomic trends of science and technology, and submitted the relevant results to the leaders of the Ministry.

### Research on Innovative Culture

We have completed relevant research reports like *“Thirteenth Five-Year Plan for Building Planning of National Science Popularization and Innovative Culture”* and *“Investigation on the status of scientific research ethics of scientific research personnel in China”*; Furthermore, we have carried out research on the attitudes and demands of Chinese scientific researchers towards open science, relevant construction work of the research credibility system, and public attitude survey on gene editing technology in China. Accordingly, we produced a number of research reports like *Strengthening the Education of Ideals and Beliefs of Science and Technology Workers to Enhance Their Mental Health*.

### Research on Rural Innovation and Entrepreneurship

We have conducted research on the implementation of the rural vitalization strategy and produced accordingly the research reports titled *“Situation Analysis and Strategic Approach of Promoting Agricultural and Rural Development in the New Era through Scientific and Technological Innovation”* and *“Strategic Research on Promoting Green Development and Industrial Integration in the Rural Areas with*

*the Support of Scientific and Technological Innovation under the Rural Vitalization Strategy”*, contributing to the drafting of Document No.1 of the CPC Central Committee in 2019.

### Research on Technology Forecast

We have conducted research and drafted the Implementation Plan of the Sixth National Technology Forecast. We promoted 14 task groups to complete the annual research on the technology development trends and frontier hot spots follow-up in their respective fields.

### Research on Industrial Innovation

Focusing on the key subjects of strategic emerging industries and industrial innovation policies, we have carried out a number of prospective studies on industrial innovation, including the development of emerging industries and “innovation policy 3.0”, major issues of promoting collaborative innovation among the industry, universities and research institutions under the new situation, and the development mechanism and new business forms of the science and technology service industry. We have also completed the compilation of the third edition of the *Industrial Innovation and Competition Maps*, which was commented by Li Qiang, a member of the Political Bureau of the CPC Central Committee.



# 1.3

## Supporting Development and Reform in Relevant Areas

Entrusted by the Ministry of Finance, we have conducted the research on equity and dividend incentives of state-owned enterprises, and drafted the supporting policy, *Notice on Expanding the Implementation Scope of the Interim Measures for Equity and Dividend Incentives of State-owned Science and Technology Enterprises*.

Entrusted by the National Development and Reform Commission, we have completed the mid-term evaluation of the development of collaborative innovation in the Beijing-Tianjin-Hebei region.

Entrusted by the State-owned Assets Supervision and Administration Commission, we have completed the case study on the approach to the implementation of STI incentives of central enterprises.

According to the requirements of the National Bureau of Statistics for producing science and technology statistics, we have organized the 17th national survey of venture capital and drafted and published the *China Venture Capital Development Report 2018*.

Entrusted by the Chinese Association of Science and Technology (CAST), we have completed the survey on the mental health status of science and technology workers in China, and submitted the survey report to the central leadership through the CAST journal *Update of the Science and Technology Circle*.

Entrusted by the State Intellectual Property Office, we have participated in the ten-year evaluation of the implementation of the National Intellectual Property Strategic Outline and completed the special evaluation report on intellectual property creation.

# 1.4

## Serving Innovation Planning in Key Regions

We have provided decision support for promoting innovation-driven development in several key regions.

Research on the Transformation and Upgrading planning of the Old Industrial Base in Northeast China through Innovation

Research on the Scientific Planning of Huairou Science City  
Research on the Construction and Development Planning of "Three Towns and One District" in Beijing  
Research on the Key Issues in the Construction of Beijing Science and Innovation Center  
Research on the Planning of Zhongguancun Science City

Construction Planning of Shanghai Technology Innovation Center

Research on Innovation-Driven Paths and Strategies of Binhai New Area

Research on the Implementation Path for the Construction of Innovative Development Demonstration Zone in Xiongan New Area

Strategic Planning of STI Development in Zhangjiagang City, Jiangsu Province

Construction of Ecological Science and Technology City in the High-Tech Zone of Nanchang City, Jiangxi Province

Research on the Construction Planning for National Demonstration Zone of Scientific and Technological Achievements Conversion in Changsha

Research on Planning of Innovation Space in Sichuan Province  
Research on Promoting Deeper Civil-Military Science and Technology Integration by China (Mianyang)  
Science and Technology City

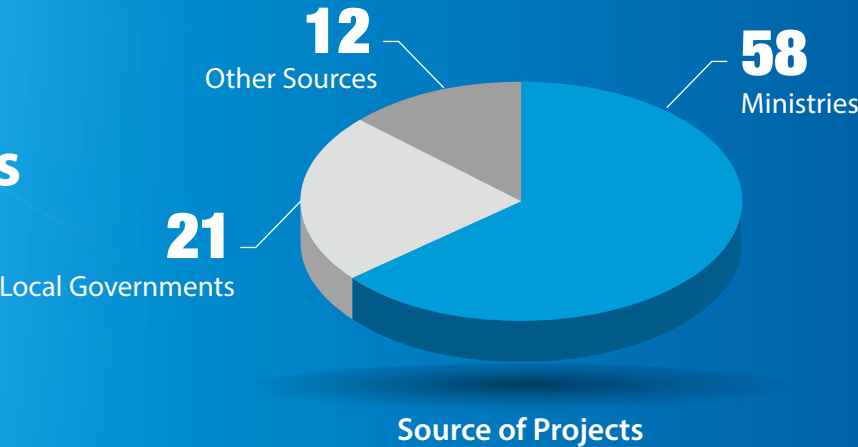
Research on Construction Planning of the Great Zhuhai-Hong Kong-Macao Bay Area

Research on Innovation Index of Guangzhou

Research on STI Management of Hainan Pilot Free Trade Zone

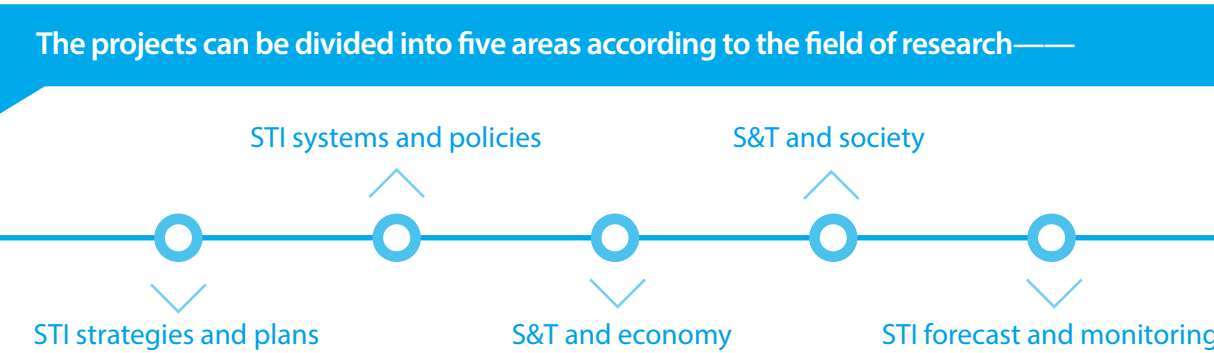
Research on Construction Planning of the Fujian core area of the Maritime Silk Road

PART II  
Projects and  
Achievements



2.1 Projects

In 2018, we conducted 91 projects, which were commissioned by MOST and other ministries, local governments, enterprises and other sources.



Project Number	Project Name	Source
1	Research on the Connotation of the Theory of Scientific and Technological Innovation with Chinese Characteristics	MOST
2	Research on the Xi Jinping Thought on Scientific and Technological Innovation	MOST
3	Research on the Xi Jinping Thought on Scientific and Technological Innovation	MOST
4	Research on the Major Issues of Promoting Scientific and Technological Innovation under the Guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	MOST
5	Research on the Development of Emerging Industries and "Innovation Policy 3.0"	MOST
6	Research on Implementation Path and Major Policy Needs of Civil-Military Integration of Science and Technology	MOST
7	Research on the Management of Fiscal Investment in Science and Technology in China	MOST
8	Inspection on the Policy of Equity and Dividend Incentives and Tax Deduction of R&D Expenses of State-owned Science and Technology Enterprises	MOST
9	Research on the Major Issues of Supporting the Innovative Development of Small and Medium-sized Enterprises	MOST
10	Research on the Policies and Mechanisms for the Promotion and Application of Innovation Vouchers	MOST
11	Research on the Key Issues of Encouraging Deep Participation of Foreign Scientists in the National Science and Technology Plans	MOST

Project Number	Project Name	Source
12	Research on the Paradox of Productivity and the Growth Mechanism of New Drivers	MOST
13	Research on the Strategy of STI Cooperation with Priority Countries	MOST
14	Research on the Strategic Direction and Path of Scientific and Technological Innovation Supporting the Construction of Modernized Economic System in the New Era	MOST
15	Research on the Major Issues of China's Integration into the Global Innovation Network	MOST
16	Research on the Important Issues of Promoting Collaborative Innovation of Industry, Universities and Research Institutions under the New Situation	MOST
17	Assessment and Analysis of Distribution Policies and Relevant Regulations with the Aim of Increasing Knowledge Value	MOST
18	Research on Creating First-mover Advantage of Scientific and Technological Innovation and Shaping Forward-leaning Development	MOST
19	Research on Implementing Innovation-driven Development Strategy and Enhancing Competitiveness	MOST
20	Research on the Growth Direction and Path of Scientific and Technological Innovation Supporting New Drivers of the Economy	MOST
21	China-UK Strategic Consultation	MOST
22	Research on the Policy Issues for Channeling Private Funds to Basic Research	MOST
23	Research on the Important Issues of Promoting Integrated Development of Science, Technology and Economy	MOST
24	Research on the Major Issues of the Consultation and Commenting System of National Science and Technology Plans	MOST
25	Research on the Major Strategic Issues of Intelligent Economy and Intelligent Society Development in China	MOST
26	Research on the Strategic Path to Deeper Integration of Artificial Intelligence and Real Economy	MOST
27	Inspection on the Implementation of the Innovation Talent Promotion Plan	MOST
28	Research on the Features and Patterns of Basic Research under the New Situation	MOST
29	Research on the Theories and Policies for the Capacity Building of Science and Technology Management Officials in the New Period	MOST
30	Investigative Research on the Relevant Problems of Enterprises Run by Scientific Research Institutes	MOST
31	Work Related to the Construction of Scientific Research Credibility System	MOST
32	Research on the Implementation Path for the Construction of Innovative Development Demonstration Zone in Xiongan New Area	MOST
33	Strategic Research on the Key Tasks of International STI Cooperation for 2035	MOST
34	Investigative Research on the Work of the Ministry of Science and Technology to Strengthen Disciplines in the Intra-party Political Activities of Primary-level Party Organizations	MOST
35	Fundamental Statistical and Analytical Work of <i>China Science and Technology Indicators</i>	MOST
36	Research on the Allocation and Management of Scientific and Technological Resources at Home and Abroad	MOST
37	China-ASEAN Innovation Policy Think Tank Forum	MOST
38	Research on the Implementation Effect of Policies for High-tech Enterprises and Report Compilation	MOST
39	Policy Evaluation of the Pilot Program of National Independent Innovation Demonstration Zone	MOST
40	Evaluation of Innovative Development of Small and Medium-sized Technology Enterprises	MOST
41	Assessment of the Distribution Policy for Increasing Knowledge Value and the Implementation of the <i>Science Popularization Law</i>	MOST
42	Study on the Drafting of the Revised <i>Law on Scientific and Technological Progress</i>	MOST
43	Research on the Critical Technologies of Key Small Countries in Priority Areas	MOST
44	Country-based Strategic Research on Strengthening International STI Cooperation with Key Countries under the New Situation	MOST
45	Supporting Work on the Legality Audit of Science and Technology Policies	MOST
46	Basic Work of Technology Forecasting	Ministry of Finance
47	Monitoring and Policy Research in Support of the Development of Innovative Countries	Ministry of Finance
48	Monitoring and Analysis of the Pilot Work on Promoting the Integration of Science and Technology with Finance	Ministry of Finance
49	Basic Work on the Construction of the National Innovation Investigation System	Ministry of Finance
50	Research on the Pattern and Key Signal of the Evolution and Transfer of World Science and Technology Centers	Science and Technology Committee of the Central Military Commission
51	Research on Promoting the Development of National Defense Science and Technology by Financial Means	Science and Technology Committee of the Central Military Commission

Project Number	Project Name	Source
52	Research on the Issues Related to the Capacity Building of National Defense Science and Technology	Science and Technology Committee of the Central Military Commission
53	Ten-year Assessment of the Implementation of the National Intellectual Property Strategic Outline: A Special Assessment of Intellectual Property Creation	State Intellectual Property Office
54	Feasibility Study on the Construction of the Sino-US Science, Technology and Innovation Center in Kunshan	Kunshan Science and Technology Bureau
55	Research on the Evaluation of STI Capacity of Shenyang	Northeastern University
56	Evaluation on the Development Progress of Key Technologies in the 13th Five-Year Plan of Shanghai for Scientific and Technological Innovation	Shanghai Science and Technology Commission
57	Statistical Analysis and Research on the Development Data of the Star Entrepreneurship Program in 2017	China Rural Technology Development Center
58	Research on the Scientific Planning of Huairou Science City	Beijing Science and Technology Commission
59	Research on the Construction and Development Planning of "Three Towns and One District" in Beijing	Beijing Science and Technology Commission
60	Development Plan for General Healthy Industry in Suining City	Suining Health and Family Planning Commission
61	Research on the Innovation Map of Electronic Information Industry in Gansu Province	Gansu Institute of Science and Technology Information
62	Research on the Reform and Development of Science and Technology Award System of Beijing	Beijing Science and Technology Award Office
63	Research on the Development Mechanisms and New Business Forms of Science and Technology Services	Beijing Research Center for Science of Science
64	Research on the Current Situation and Policy of Foreign Venture Capital Investment in Beijing	Beijing Science and Technology Commission
65	Research on the Development of Privately-run, Non-corporate Science and Technology Entities in Beijing	Beijing Science and Technology Commission
66	Research on Beijing's Pathway for Taking "High-end, Sophisticated and Cutting-edge" Industries into the Medium- and High-end of Global Value Chain	Beijing Science and Technology Commission
67	Guangzhou City Innovation Index System and Monitoring Evaluation	Guangzhou Productivity Promotion Center
68	Work on the Analysis of High-tech Industry Prosperity Index of Zhongguancun Demonstration Zone in 2018	Management Committee of Zhongguancun Science and Technology Park
69	Compilation of the Plan for the Construction of STI System in Zhangjiagang	Zhangjiagang Science and Technology Bureau
70	Research on the Scientific Planning System from the Perspective of Science City	Beijing Science and Technology Commission
71	Research on Beijing's Pathway to Achieving Strategic Catching-up and Overtaking in Global Technological Innovation	Beijing Science and Technology Commission
72	Research on the Development of Venture Capital in Chengdu	Chengdu Productivity Promotion Center
73	Case Study on the Approach to the Implementation of STI Incentives of Central Enterprises	SASAC Comprehensive Affairs Bureau
74	Pathway to STI Development in BRICS Countries	Liaison Department of the CPC Central Committee
75	Research on the System of Intellectual Property Financial Services and Policies	State Intellectual Property Office
76	Research on the Scientific and Technological Competitiveness of Freshwater Fish Industry in China	Rural Economic Research Center of the Ministry of Agriculture and Rural Affairs
77	Research on the Plan for Constructing the National Demonstration Zone on the Conversion of Scientific and Technological Achievements in Changsha	Changsha Science and Technology Bureau
78	Research on the Path and Strategy of Binhai New Area to Achieve High-quality Development Driven by Innovation	Science and Technology and Industrial Innovation Committee of Tianjin Binhai New Area
79	Research on the Adjustment of Bonus Standard of the National Science and Technology Award	National Office for Science and Technology Awards
80	Latest Progress of the Research on Science and Technology Human Resources at Home and Abroad	National Academy of Innovation Strategy, China Association for Science and Technology
81	Research on the Mechanism of STI Development and Conversion of Research Outcomes through Financial Innovation	Beijing Science and Technology Commission
82	Plan for the Development of New Generation Artificial Intelligence in Shenyang	Shenyang Science and Technology Bureau
83	Action Plan of the Science and Technology for Industrialization Strategy of Panzhihua City	Panzhihua Science, Technology and Intellectual Property Bureau
84	Research on the Attitudes and Demands of Chinese Scientific Researchers for Open Science	National Natural Science Foundation
85	Research on the Governance Mechanism of Deep Civil-Military Integration with Shanghai Characteristics	Development Research Center of Shanghai Municipal People's Government
86	Strategic Research on Green Finance Cooperation of BRICS Countries	Liaison Department of the CPC Central Committee
87	Research on the STI Management Strategy of Hainan Pilot Free Trade Zone (Port)	Hainan Provincial Science and Technology Department
88	Research on the Development of Base Platform and Innovation Alliance in the Field of Green Technology	The Administrative Center for China's Agenda 21
89	Current Situation and Prospect of China's Science and Technology Policy in 2016	Japan Science and Technology Agency
90	Research on the Economic and Cultural Issues in the Process of Sustainable Urbanization in China and Europe	Horizon 2020 EU-China Urbanization Project
91	Long-term Impact of the Wenchuan Earthquake and Natural Disasters in China	Norway

## 2.2 Research Reports and Publications



### Research in Support of Decision Making

A total of 98 replies to the instructions of the central authorities, 97 issues of *Strategic Research Reference*, 39 issues of *Special Journal on Sino-US Trade Disputes* and 21 *Research Reports* were submitted throughout the year, and 6 issues of *Research Reports* and *Information Briefing* of the Ministry of Science and Technology were also submitted to the State Council. One *Research Report* were commented and approved by Wang Huning, Standing Committee Member of the Political Bureau of the CPC Central Committee, six by Vice Premier Liu He, and one by Li Qiang, member of the Political Bureau of the CPC Central Committee.

### Top Think Tanks

Throughout the year, we submitted 18 *Think Tank Reports* and 25 issues of *Think Tank Views* and *Dynamics* to the National Council of Top Think Tanks. Among them, the think tank report titled *Planning Urgently Needed to Lead the New Technological Revolution* was published on the *National Top Think Tank Report* and *Policy Recommendations for Promoting the Development of China's Industrial Software Industry* was included in the *Outcome Briefing* of the Publicity Department of the CPC Central Committee.

In accordance with the requirements of the Publicity Department of the CPC Central Committee, we conducted researches, wrote and released the Blue Book *Growing up in the Reform and Opening-up: Contribution of China's Science and Technology Progress*

to the World and Recommendations for Global Science, Technology and Innovation Governance. We also took part in the Publicity Department's 100 Enterprises Survey and Research and completed the survey and research on four enterprises: China General Nuclear Power Group, Yuan Longping High-Tech Agriculture Co., Ltd., Hangzhou Hikvision Digital Technology Co., Ltd. and Jiangxi Copper Co. Ltd. Two of our survey and research reports were included in the concise report series of the Publicity Department of the CPC Central Committee.

In accordance with the requirements of the National Council of Top Think Tanks, we meticulously organized 13 research projects, with topics concerning building the national innovation system, strategic support of STI development for the construction of modernized economic system, key issues in the construction of the World Science Center, reform of property right system and income distribution of scientific and technological achievements, and Sino-US AI competition and countermeasure, and produced 13 thematic research reports.

### Publications

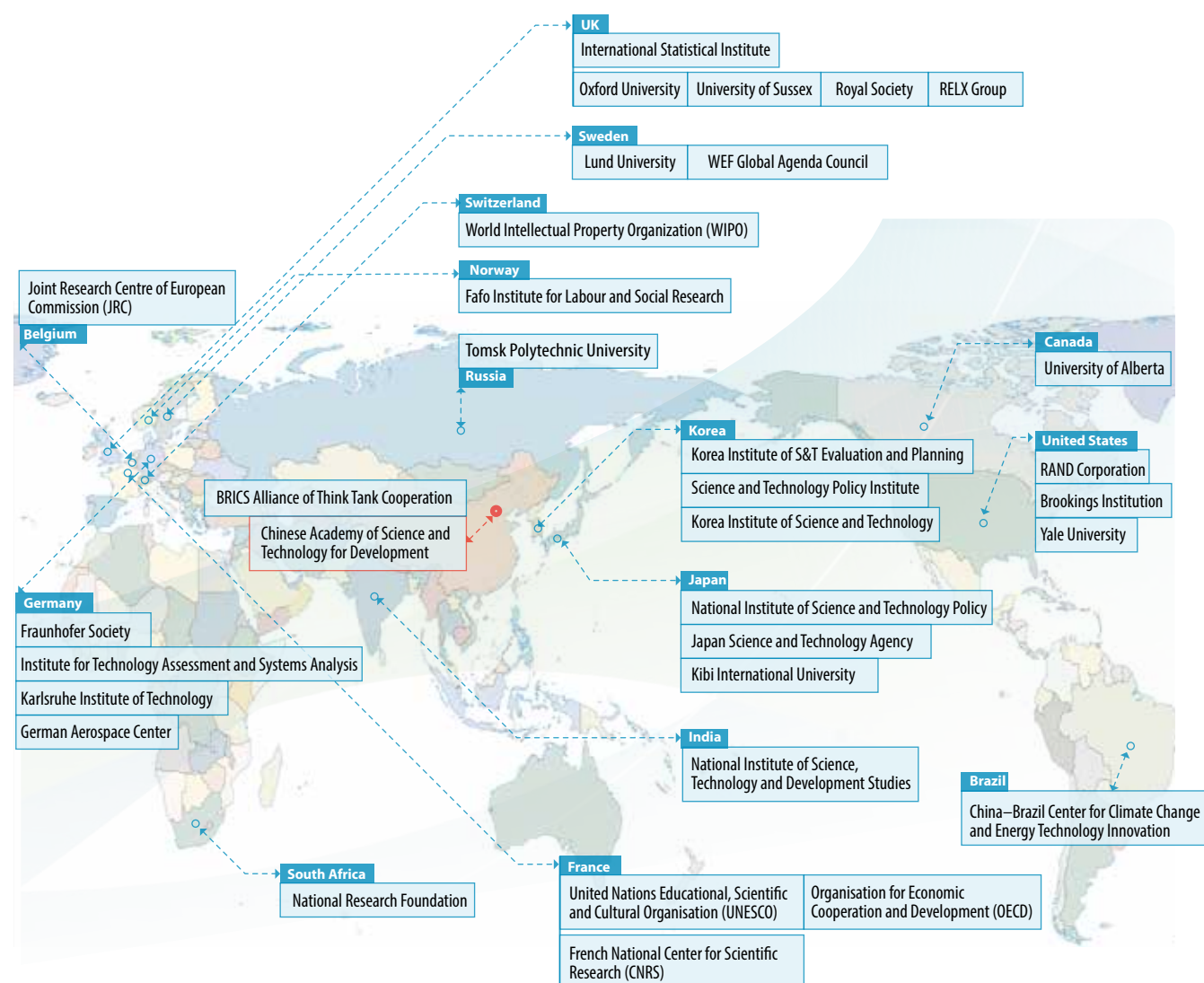
We have published 24 books and 186 articles during the year, including 149 articles published on academic journals and 37 articles launched in domestic and international academic conferences. Here are the titles of some of the articles: *Research on International Comparison and Demand of China's Top Talents*, *Review of Overseas Research on Block Chain Technology*, *Research on the Construction of the National Innovation System in Support of Modernized Economic System*, *International Experience and Inspirations on the Personnel Management of National Laboratories*, *A Three-dimensional Competition Evaluation Approach on Environmental Technology in China*, *Close the Gender Gap in Chinese Science*, and *How Far Away is China From Marine Technology Power*.

We have published various annual reports, including *China Science and Technology Innovation System Report*, *National Innovation Index Report*, *China Venture Capital Development Report*, *China Science and Technology Indicators*, *China Regional STI Evaluation Report 2018*, and *The Annual Report on the Eco-System of Science and Technology Finance in China 2018*. As the principal organization, we have compiled *China Science and Technology Development Report 2017*.



## PART III Cooperation and Exchange

### Our International Cooperation Footprint



The seventh international training course of Category 2 Center under the framework of the Belt and Road Initiative



Actively fulfilling our mission as a UNESCO Category 2 Center focusing on the research and training of science and technology strategy, we have held the seventh international training course under the framework of the Belt and Road Initiative in Beijing and Shenzhen, during which we shared experience of conducting STI-related researches with 17 Chinese and foreign students from Cambodia, India, Iran, Malaysia, Nigeria and related institutions in China.

By introducing China's experience in the research and formulation of science and technology development plan to other developing countries, the training course has achieved the goal of extending assistance to foreign countries. The participants recognized the inspirations China's experience of STI policy research and implementation offers to other developing countries, which also plays a positive role in boosting the international influence of China's science and technology strategy and system and China's soft power in science and technology.

## 3.1 CISTRAT Actively Advancing Its Mission





The fifth Sino-German Innovation Conference

In February, as the hosting organization of the Sino-German innovation policy platform, we were involved in the preparation of the event marking the 40th anniversary of Sino-German Intergovernmental Agreement on Science and Technology Cooperation and the fifth Sino-German Innovation Conference, and held the Sino-German International Workshop on Innovation Policy. Premier Li Keqiang sent a congratulatory letter to the conference.

In April, we participated in the hosting of the launching ceremony of the China-ASEAN Year of Innovation and the China-ASEAN Innovation Forum. Hu Zhijian, President of CASTED, attended the conference and delivered a keynote speech on *China's STI Policy: Retrospect and Prospect*. Premier Li Keqiang and Prime Minister Lee Hsien Loong of Singapore, the rotating Chair of ASEAN and the coordinator country of China-ASEAN relations, sent letters of congratulations respectively to the conference. We also hosted the China-ASEAN Think Tank Forum on Innovation Policy held in Nanning in November.



Launching ceremony of China-ASEAN Year of Innovation and China-ASEAN Innovation Forum



South Africa-China Scientists High Level Dialogue

In July, we provided briefing materials for President Xi Jinping's attendance of the sixth BRICS Summit in South Africa, and took part in the organization of the South Africa-China Scientists High Level Dialogue and the Photo Exhibition remarking the 20th Anniversary of China-South Africa Diplomatic Relations.

In October, we provided briefing materials for Vice President Wang Qishan's attendance of the meeting of China-Israel Joint Committee on Innovation Cooperation.



The Fourth Meeting of China-Israel Joint Committee on Innovation Cooperation

Supporting Important Diplomatic Events

3.2

Serving as a Cooperation Platform and Channel

3.3

- We have signed cooperation MOUs with world-renowned think tanks such as the RAND Corporation, the RELX Group and the FAFO Foundation to jointly develop a network of think tanks on STI policies.



MOU with the RAND Corporation



MOU with the FAFO Foundation



MOU with the RELX Group



Sino-US Workshop on Artificial Intelligence Development and Policies

- We have held the Sino-US Workshop on Artificial Intelligence Development and Policies for the first time with Yale University and other partner organizations.



- We have co-sponsored the China-Norway Science Day & Forum on Policy Research Cooperation.
- We have co-sponsored the third China-UK Innovation and Development Forum with Oxford University and other partner organizations.



The third China-UK Innovation and Development Forum



China-Japan-ROK Seminar on Science and Technology Policies

- We have held the China-Japan-ROK Seminar on Science and Technology Policies for 13 consecutive years in cooperation with four Chinese, Japanese and ROK think tanks on science and technology policies.

- We have continued to advance the work of China-EU, China-OECD and other cooperation platforms.
- We have continued to participate in the work of the WEF Global Agenda Council and the BRICS Alliance of Think Tank Cooperation.



ECOSF delegation visiting CASTED

### 3.3 Serving as a Cooperation Platform and Channel

- We have conducted collaborative research with the RAND Corporation on various topics, including *A Comparative Study of Science and Technology Governance Systems* and the *Readiness of the Education System in the Era of Artificial Intelligence*.
- We have carried out two projects under the framework of the Chinese Council on BRICS Think Tank Cooperation, namely, the *Pathway to STI Development in BRICS Countries* and the *Strategic Research on Green Finance Cooperation of BRICS Countries*.
- We have undertaken the Horizon 2020 project of URBAN-EU-CHINA Innovation Platform on Sustainable Urbanization.
- We have engaged in various forms of cooperation and exchanges with the EU's Joint Research Center, the Brazil-China Research Center in Brazil, the International Institute for Management Development in Lausanne, Switzerland and other well-known foreign research institutions and universities.
- On China-EU and China-OECD platforms, CASTED representatives have given speeches on national innovation strategy and economic transformation, STI development and bilateral cooperation, artificial intelligence and future cooperation.
- Over 50 academic lectures were held in CASTED by invited foreign experts and scholars.
- We have continued to give support to the organization of the 2018 Pujiang Innovation Forum as the hosting unit of the Academic Advisory Committee, and hosted the Policy Forum, one of its sub-forums, as well as the International Seminar on the Belt and Road Initiative and the International Symposium on STI Think Tanks.



Conducting Collaborative Research and Academic Exchange

3.4



Publicity and Visibility

4.1 Interviews

As the chief expert of CASTED, President Hu Zhijian has given several interviews to CCTV and other well-known media, and delivered keynote speeches at important academic forums upon invitation at home and abroad.



CASTED research fellows have given interviews to *People's Daily*, *Guangming Daily* and other media several times to express their views on hot topics.

We have sent our research fellows to give presentations at international conferences such as Pujiang Innovation Forum, Sino-German Science and Technology Innovation Conference, China-UK Innovation Forum and Sino-US People-to-people Exchange Conference to boost the influence of their research results at home and abroad.

4.2 Press Conferences

We have published *China Regional STI Evaluation Report 2018*, *The Annual Report on the Eco-System of Science and Technology Finance in China 2018* and other reports. CCTV's 7 O'clock News and News Live Studio programs ran special coverage, and Xinhua News Agency, China News Service, *People's Daily* and other media wrote commentaries on these events.



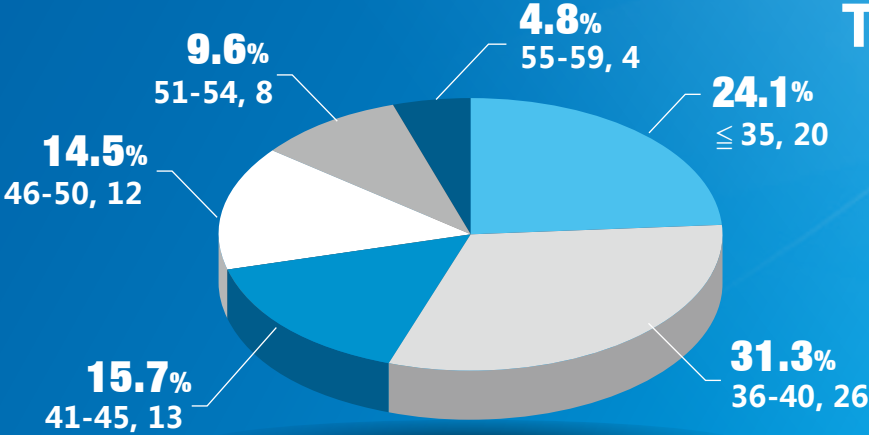
4.3 Media Release



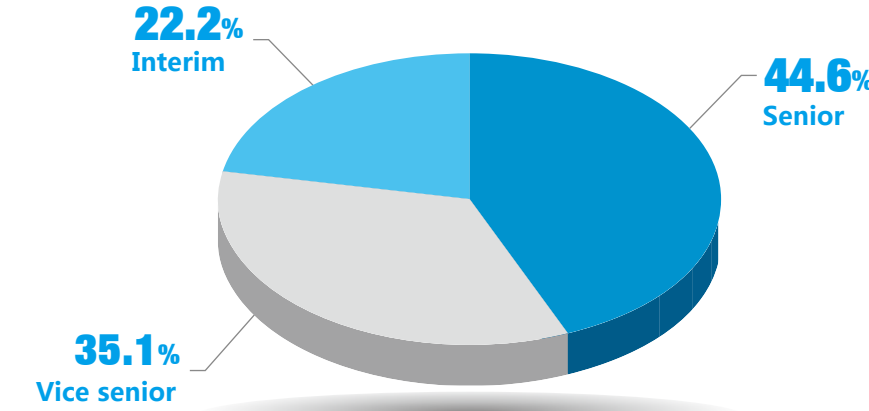
We have made policy interpretation and public opinion guidance. During the annual NPC and CPPCC sessions, CASTED research fellows published more than 20 articles on topical issues such as sharing economy, genetically-modified food and innovation environment on *Science and Technology Daily*.

The Purchasing Managers' Index of strategic emerging industries (EPMI) is published regularly on stdaily.com and *Economic Daily*.

Team and Culture



CASTED Employees by Age 2018



CASTED Employees by Professional Qualifications 2018

5.1 Team

As of the end of 2018, CASTED had 83 full-time employees, among which 78 had a master's degree or above (94% of the total), 61 had a doctoral degree (73.5% of the total), 33 had a senior professional technical title, 26 had a vice senior professional technical title, and 21 had an interim professional technical title. CASTED employees are becoming more highly educated, professional and younger. The CASTED postdoctoral station has 4 new candidates and 2 graduates.

5.2 Culture

In 2018, under the leadership and with the support of the Party Group of the Ministry of Science and Technology, the Party Committee of CASTED took Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era as the guide, fully implemented the spirit of the Nineteenth National Congress of the Communist Party of China, earnestly studied the Party Constitution and rules, put into practice the general requirements for Party Building in the new era, used political construction as the commanding lead, further firmly established "Four Consciousnesses", strengthened "Four Confidences", practiced "Two Safeguards", constantly maintained a high degree of consistency in thoughts, politics and actions with the CPC Central Committee with General Secretary Xi Jinping at its core, and safeguarded and pushed CASTED's various work to make further progress through the new achievements in Party building.



Party Building Activities



Trade Union Activities

The CASTED Trade Union held various events, including “Celebrating International Women's Day: Watching Mainstream Movies”, “International Children’s Day” Parent-Child Activities, Spring Long Walk Photo Competition, Composition Solicitation to Celebrate the 40th Anniversary of Reform and

Opening-up, as well as Spring-Festival Poker Competition. The CASTED Trade Union also showed great care about the health of CASTED staff by setting up a health corner at CASTED and inviting physiotherapists to give health lectures.



Reading, Study and Research Activities

The Youth Group of CASTED continued to stage activities of the "Reading, Study and Research" series to learn brand building. In 2018, three academic lectures on "Reading, Learning and Research" and five exchange and sharing sessions were organized. Senior researchers Hu Zhijian, Wu Yishan, Liu Dongmei and Wang Hongguang all gave thematic lectures to young stuff, shared their research and learning experience, and guided the young to establish firm ideals and beliefs and enhance their moral cultivation. CASTED also started a Post-Doctoral Academic Salon, which was an open platform for exchanges and mutual progress.



MILESTONES  
2018



**January 8**  
Technology and Management Centre for Development of Oxford University and CASTED jointly organized the Second China-UK Innovation and Development

Forum in cooperation with Innovate UK, China-Britain Business Council and the Institute of Science and Development of the Chinese Academy of Sciences.



**January 18**  
CASTED organized a seminar on science & technology finance, which attracted officials and experts from Department of Resource Allocation and Management of the Ministry of Science and Technology, Science and Technology Daily and other organizations to attend.



**March 9**  
CASTED organized the 2018 Sino-German Workshop on Innovation Policy. More than 40 delegates from the German Federal Ministry of Education and Research, Fraunhofer Society, University of Würzburg, Tsinghua University, University of Chinese Academy of Sciences, Zhejiang University of Technology and other organizations attended the meeting. Experts from both sides conducted heated discussions on the development trends of national innovation systems in the two countries.



**March 9**  
The Science Policy Research Unit (SPRU) of University of Sussex, UK and CASTED jointly held a Seminar on Transformation and Innovation Policy. The two sides engaged in in-depth discussions on the historical evolution of China's innovation policy within the framework of transformation and innovation policy theory, low-carbon transformation of China's power system and other topics.



**March 14**  
A five-person delegation headed by Elsevier Vice President for Asia-Pacific Saurabh Sharma and Sales Director for Greater China Zhao Genan visited CASTED. The two sides held in-depth discussions on objective data analysis in support of national science and technology evaluation and other topics.

**March 29**  
CASTED President Hu Zhijian held a meeting with Director Rafiq Dossani of RAND Center for Asia Pacific Policy. The two sides exchanged views on strengthening cooperative project research and exchanging visiting scholars, and meanwhile expressed their desire to further build a platform for cooperation and exchange.



Canada. CASTED established a partnership with the China Institute of University of Alberta. The two sides concluded that they would also establish a platform for China-Canada cooperation in science, technology and innovation policy research by co-sponsoring seminars, paying mutual visits and deepening collaborative research.

**March 29**  
CASTED President Hu Zhijian met with a delegation headed by Director Gordon Houlden and Deputy Director Wang Jia from the China Institute of University of Alberta,





**April 10**

CASTED, the Development Research Center of the State Council of China and the Yale Law School jointly held a Sino-US International Seminar on AI Development and Policy in Beijing. More than 40 delegates including technical experts, legal experts and policy research scholars in the field of AI from both countries attended the meeting.



**April 10**

Professor Wang Hongguang of CASTED attended the 10th Advanced Energy Conference (AEC 2018) held in New York and delivered a keynote speech entitled "China's Energy Technology and Policy".



**April 16**

A team led by Party Secretary and Director Xiong Shaoyuan of the Jiangxi Academy of Sciences visited CASTED, and CASTED President Hu Zhijian presided over the reception. The two sides made in-depth discussions on talent training and mutual visits, project research exchanges and other topics.



**June 15**

The 13th China Science and Technology Forum organized by CASTED was held in Chongqing with the theme of "Modern Economic System and National Innovation System".



**June 21**

Mr. Du Zichen of Chung Hua University in Taiwan visited CASTED and delivered reports entitled "How Will AI, Big Data, Block Chain and Intelligent Manufacturing Affect Human Life and Productivity in the Future?" and "The Secret of Success of Taiwan's Industrial Technology Research Institute".



**June 27**

The 2018 Science & Technology Finance Innovation and Development Training Course was held in Guangzhou, CASTED as a principal organizer of the event.

**April 23**

The launch ceremony of the 2018 "China-ASEAN Innovation Year" & China-ASEAN Innovation Forum were held in Beijing, CASTED as a principal organizer of the events. Minister of Science and Technology of China Wang Zhigang and ministers of science and technology of several ASEAN countries jointly attended the launch ceremony and each of those delivered speeches.



**April 25**

As an important event of "China-Norway Science Day", Norwegian FAFO Research Foundation and CASTED jointly organized a Policy Research Cooperation Forum in Beijing, which was attended by more than 100 experts and scholars in the field of policy research from both countries.



**April 25**

CASTED President Hu Zhijian met with a delegation headed by Ms. Tone Fløtten, Executive President of the Norwegian FAFO Research Foundation. The two sides jointly signed a memorandum of understanding on institutional cooperation.



**May 9**

CASTED President Hu Zhijian met with a visiting delegation consisting of Sylvia Schwaag Serger, Deputy Vice-Chancellor of Lund University, Andreas Gothenberg, Head of the Swedish Foundation for International Cooperation in Research and Higher Education (STINT), and Micael Hagman, Science and Innovation Counsellor of the Swedish Embassy in China.



**May 16**

CASTED held a Seminar on Science and Technology Journals and Think Tank Results Dissemination. A dozen experts from the Ministry of Science and Technology, the State Administration of Foreign Experts Affairs, the Chinese Academy of Engineering, PKU Science Park and other organizations attended the meeting.

A dozen experts from the Ministry of Science and Technology, the State Administration of Foreign Experts Affairs, the Chinese Academy of Engineering, PKU Science Park and other organizations attended the meeting.



**July 9**

RELX Group and CASTED jointly signed a Memorandum of Understanding on Strategic Cooperation. The two sides concluded that they would cooperate in three major fields: frontier analysis and forecast of science and technology development trends, cutting-edge technology evaluation research, and S&T innovation information and content services.



**July 10**

CASTED Vice President Liu Dongmei participated in a Seminar entitled Innovative China - County Innovation and Development High-Level Seminar organized by Science and Technology Daily and other organizations in Zhangjiagang, and delivered a keynote speech entitled "County Innovation - Practical Exploration and Policy Options".

**August 6**

The Thirteenth National Symposium on Technology Foresight was held in Yantai, with the theme of "Technology Foresight and Shift in Drivers of Growth", CASTED as a principal organizer of the meeting.



**August 9**

*Industrial Innovation and Competition Map* (Volume 3), which was jointly compiled by CASTED, Shanghai Institute for Science of Science, Jiangsu Institute of Science and Technology Development Strategy and Zhejiang Institute of Science and Technology Development Strategy, was officially published.

**August 17**

CASTED President Hu Zhijian met with a delegation headed by Ma Gang, Director of the Science and Technology Department Henan Province government. The two sides conducted in-depth exchanges on science and technology progress indicators, contribution rate of science and technology progress, new research and development institutions, construction of independent innovation zones and other topics.





**September 20**

CASTED organized a Seminar on the Impact of Science and Technology Think Tanks Results. Representatives of science and technology think tanks from Beijing, Shanghai, Jiangsu, Zhejiang and other provinces and cities were invited to attend the seminar.



**September 23**

International Research and Training Center for Science and Technology Strategy under the Auspices of UNESCO, a UNESCO Category 2 center, held the seventh international training courses in Beijing and Shenzhen respectively.



**November 2**

CASTED held an academic seminar with the board delegation of the United States Information Technology Office (USITO). The meeting featured exchanges and discussions on the cross-integration of ICT and other industries, AI and other topics.



**November 15-16**

Norwegian Fafo Research Foundation and CASTED jointly held a seminar to commemorate the fortieth anniversary of China's reform and opening up and the tenth anniversary of the Wenchuan earthquake. Representatives from organizations in the United States, Britain, Belgium and China attended the meeting.



**November 20**

CASTED held a Seminar on Coordinated Development of Science and Technology Think Tanks. Representatives of science and technology think tanks from Beijing, Shanghai, Shaanxi, Hunan and other places were invited to attend.



**November 26**

CASTED signed a cooperation agreement with Southwest University of Science and Technology (SWUST) to jointly build CASTED's cooperative research base at SWUST.



**December 7**

The China-ASEAN Think Tanks Forum on Innovation Policy was held in Nanning under the theme of "Deepening Policy Exchanges and Promoting Innovation Cooperation". Nearly 20 experts from think tanks in Indonesia, Malaysia, the Philippines and other ASEAN countries and experts from relevant think tanks in China participated in the meeting. CASTED Vice President Sun Fuquan addressed the forum.

CASTED has continued to build up its brand conferences and publications. Centering on modern economic system, national innovation system, military and civilian science and technology integration and other topics, CASTED has organized the China Science and Technology Forum. Through its two flagship journals *Forum on Science and Technology in China* and *China SciTechnology Business*, CASTED has released research results.

In accordance with the requirements of the *Opinions on the Construction of New Think Tanks with Chinese Characteristics* for the construction of multi-level academic exchange platforms and results industrialization channels, CASTED has set new positionings of *Forum on Science and Technology in China* and *China SciTechnology Business*.



### Forum on Science and Technology in China

- Focusing on academic frontiers and theoretical development, *Forum on Science and Technology in China* provides academic support for the construction of science and technology think tanks at CASTED.
- *Forum on Science and Technology in China* continues to maintain its position as a Chinese Social Sciences Citation Index (CSSCI) journal, a core Chinese journal and a Chinese Humanities and Social Science Evaluation Core Journal.
- In 2018, *Forum on Science and Technology in China* published articles under the themes of 40 Years of Reform and Opening Up and Sino-US Trade Dispute, as well as feature articles under the themes of National Innovation System Building in the New Era, Nurturing New Drivers of Economic Growth, Theory and Practice Logic of Green Finance Development, and Science, Technology and Innovation Supporting the Rural Revitalization Strategy.



### China SciTechnology Business

- Focusing on strategic issues and public policy, *China SciTechnology Business* has become the leading media for publicizing the achievements of science and technology think tanks in China.
- In the evaluation of journals organized by the Ministry of Science and Technology in 2018, *China SciTechnology Business* advanced to the category of "Excellent minus" from "Good".



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