

2016/SOM3/CSA/015 Agenda Item: Tour de Table

## Major Facts and Events of Science and Technology in China (2015-2016)

Purpose: Information Submitted by: China



- 2016

Fourth APEC Chief Science Advisors and Equivalents Meeting Lima, Peru 18-19 August 2016

















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## Main tasks

中央政府门户网站 www.gov.cn 2016-07-20 19:10 http://www.gov.cn/premier/2016-07/20/content\_5093151.htm

**to enhance the ability of original innovation**, strengthen basic research and cutting-edge technologies research, integrate and optimize the allocation of resources, layout and build a number of mega infrastructure and national R&D bases; improve the scale and quality of innovative talents; strengthen regional and international cooperation, significantly raise the ranking of national innovation capability.

to focus on the national strategies and improvement of peoples' livelihood, start a new batch of major research projects in fields of quantum communication, precise medical and other key areas; strengthen development of industrial technology such as seed breeding, clean coal, the fifth generation mobile communication, intelligent robot and so on; carry out destructive technology innovation and promote the transformation and upgrading of traditional industries.

to strengthen the leading role of enterprises in technological innovation and create efficient collaborative innovation ecological chain by relying on "Mass entrepreneurship and innovation", improve the technological innovation service system; build a unified and open technology market to guide more resources together to the innovation.

to accelerate the pace of reform of the system of science and technology, and fully mobilize the enthusiasm of scientific and technological personnel, set up new policies for better management and use of research funding, technology transfer and intellectual property protection; strengthen science popularization and the construction of innovative culture to promote the formation of advocating innovative social atmosphere.

ndit		2015	2020
1	Ranking of national comprehensive innovation capability	18*	15
2	Contribution rate of science and technology progress to economy growth	55.3%	60%
3	R&D/GDP	2%	2.5%
4	R&D personnel of every 10,000 employmees	48.5	60
5	High/new tech enterprises operating income (trillion yuan)	22.2	34
6	Proportion of the knowledge intensive service industry to GDP	15.6%	20%
7	Ratio of R&D expenditure of industrial enterprises to the main business income	0.9%	1.1%
8	Ranking of citation of science papers	4	2
9	PCT patent application volume	30,500	Double
10	Invention patent per million population	6.3	12
11	Technical contract turnover (billion yuan)	983.5	2,000
<b>12</b> Chi	Percentage of citizens with scientific quality nese Academy of Science & Technology for Development, National Innovation Index	<b>6.2 %</b> 2015 (国家	<b>10 %</b> 创新指数排