

Delegation from Shanghai Institute for Science of Science visits APGI&E2S2 on 16 Apr 2024



Shanghai Institute for Science of Science (SISS) delegation led by Deputy Director Chen Haipeng visited SJTU-APGI on 16 April 2024. The Dean of SJTU-APGI and E2S2 Programme Director Prof Peng Yinghong and Vice-Dean of SJTU-APGI Prof Xu Min accompanied the delegation. Prof Peng delivered a presentation on SJTU-APGI and E2S2 research. SISS Research Department of Industrial Innovation, Professor Fu Cuixiao, SISS Research Department of Innovation Policy, Assistant Professor Luo Xianfeng and several Research Associates also joined the visit.

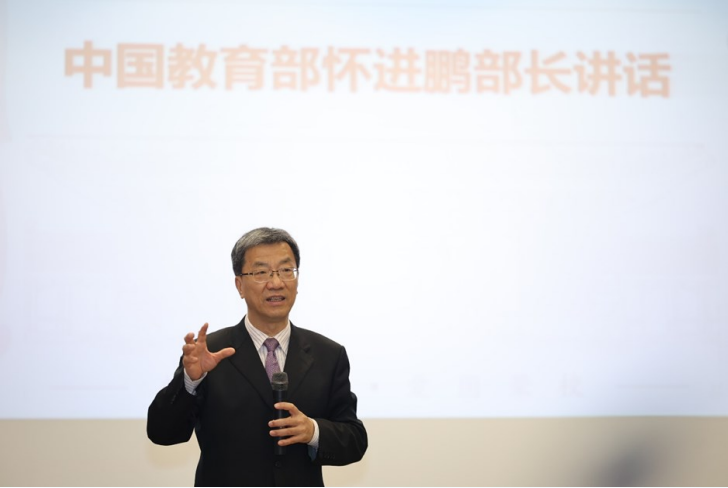
Chinese Minister of Education Huai Jinping attended SJTU-APGI CNSB Programme Kick-off Ceremony

On April 24, 2024, Minister Huai Jinping and Ambassador Cao Zhongming participated in the kick-off ceremony of the Shanghai Jiao Tong University Asia-Pacific Graduate Institute (SJTU-APGI)'s latest research programme, Carbon Negative Synthetic Biology for Biomaterial Production from CO₂ (CNSB). He was accompanied by the Ambassador of the People's Republic of China to the Republic of Singapore, Cao Zhongming. Also amongst those present were Ding Kuiling, President of Shanghai Jiao Tong University; Zhang Rong, Chairman of Xiamen University Council; Zhang Xi-chun, Chancellor of South China University of Technology; Yang Dan, Director General of the Department of International Cooperation and Exchanges at the Ministry of Education; Zhou Dawang, Director General of the Department of Science, Technology, and Informatization at the Ministry of Education; Yu Weiyue, Director General of the Department of Teacher Education at the Ministry of Education; as well as other distinguished guests from diplomatic and academic sectors.



Serving as the host for the event was SJTU president Ding Kuiling, who warmly welcomed Minister Huai, Ambassador Cao and all distinguished guests. Peng Yinghong, the Dean of SJTU-APGI and Director of the CNSB Programme, delivered a presentation on the historical background, vision, and significant milestones of SJTU-APGI. He outlined the strategic plan for the SJTU Singapore campus and provided an overview of the educational facilities, including the newly inaugurated Antai Asia-Pacific Center and the research campus located at CREATE. Professor Peng Yinghong highlighted the accomplishments of the Energy and Environmentally Sustainable Solutions for Megacities (E2S2) programme, which represents the pioneering collaborative research initiative between the National University of Singapore (NUS) and SJTU. Furthermore, he outlined the objectives and framework of the newly launched CNSB programme.

During the ceremony, Minister Huai Jinpeng expressed his pleasure at participating in today's event and extended congratulations on the accomplishments of SJTU-APGI, as well as the official launch of the CNSB programme. He emphasized the pivotal role of education in fostering the nexus between technological innovation and talent cultivation, thereby advancing sustainable development on a global scale, and affirming the strong support from the Chinese government. Minister Huai Jinpeng also disclosed the recent signing of a new collaboration agreement between universities in Singapore and China. He highlighted the commendation received from Mr. Chan Chun Sing, Singapore's Minister of Education, who praised the university partnership initiatives, innovative collaborative laboratories, and industry-academic collaborations. He expressed optimism regarding the potential benefits of E2S2 and CNSB programmes as flagship research programmes, not only for Singapore and China but also for global communities, underscored the importance of continued government support from both Singapore and China and emphasized the potential for further enhancement of collaborations between NUS and SJTU, as well as between Singapore and China, in the future.



Ambassador Cao Zhongming believed that Minister Huai's visit to Singapore and the subsequent meetings had greatly facilitated and enhanced the bilateral cooperation between the two countries in education, science and technology, research, sustainable development, and technology transfer. He assured that the embassy would diligently implement the outcomes of Minister Huai's visit, fostering further collaboration between universities in Singapore and China, translating intentions into tangible results, and elevating cooperation to higher levels.

Professor Ding Kuiling expressed sincere gratitude to the guests for witnessing the launch of the CNSB programme and looked forward to its successful implementation and fruitful outcomes.

E2S2-CREATE Programme: A Successful Conclusion



Energy and Environmental Sustainability Solutions for Megacities

August 2012 – April 2024

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E2S2-CREATE Impact report: <https://publuu.com/flip-book/179178/857658>



E2S2 Major Achievements



Phase I

179

Journal
Publications

202

Conference
Presentations

19

Patents/ Invention
Disclosures

41

PhD Students

11

Industrial Projects

1

Spin-offs/ Start-ups

Phase II

275

Journal
Publications

133

Conference
Presentations

6

Patents/ Invention
Disclosures

30

PhD Students

16

Industrial Projects

5

Spin-offs/ Start-ups

Embarking on CNSB-CREATE: A New Chapter



CNSB CREATE
Carbon Negative Synthetic Biology for Biomaterial Production from CO₂



Carbon Negative Synthetic Biology for Biomaterial Production from CO₂

March 2024 – February 2027

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