



CUP



WEUN

# THE REVIEW

## OF VISITS

2019

CHINA UNIVERSITY OF PETROLEUM-BEIJING

2019.12

SECRETARIAT OF

WORLDWIDE ENERGY UNIVERSITY NETWORK

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## Chapter 1 Introduction

In 2016, the General Office of the Central Committee of the Communist Party of China and the General Office of the State Council issued a guidance policy, which focused on the opening up of education in the new era. It gave some opinions on the development education's internationalization: Improve the quality of overseas education; Perfect the system and mechanism to improve the level of foreign-related education; Strengthen the leading function of high-end talents to enhance China's educational strength and innovation ability; Enrich people-to-people exchanges and promote win-win cooperation in education; Promote education cooperation among the countries along the "Belt and Road".

In response to the call of the central government, accelerating "double first-class" construction, and better serving major national strategic plans, China University of Petroleum-Beijing (CUP) has been actively implementing its internationalization strategy and has made a series of achievements:

The international influence of key disciplines of CUP has been continuously improved. According to the data updated by ESI in March 2019, 4 disciplines of Chemistry, Engineering, Materials Science and Geosciences ranked the top 1% of ESI; Among them, the Engineering entered the top 1‰ of the ESI global ranking for the first time.

CUP attaches great importance to the construction of an international talent team. There are one academicians who is the member of the Royal Society, the Norwegian National Academy of Sciences, and the Academy of Science of the Royal Society of Canada, one academicians of the Canadian Academy of Engineering, and two foreign academicians of the Chinese Academy of Engineering. Starting from 2018, CUP has been holding "International Youth Elite Forum" every year to attract outstanding overseas returnees to come to work. CUP currently has five Overseas Expertise Introduction Project for Discipline Innovation ("111 Project") hosted by the Ministry of Education and the State Administration of Foreign Experts Affairs.

CUP insists on external cooperation and exchanges through multiple channels such as the combination of industry, education and research, and cultural exchanges. It has established multi-level and multi-field cooperation platforms with more than 170 universities and companies in developed countries such as the United States, France, the United Kingdom, Canada, and Japan and founded 12

international joint research institutes with foreign universities or companies, and jointly built the Confucius Institute with the University of San Francisco in Quito, Ecuador. In 2018, CUP initiated the Worldwide Energy University Network (WEUN), which calls 28 energy universities in 16 countries including China, the United States, the United Kingdom, Canada, Germany, and France together.

CUP actively participates in the construction of the "Belt and Road Initiative". It has established cooperative relationships with more than 60 foreign universities, enterprises and institutions along the "Belt and Road". It currently has more than 900 international students, most of which come from countries along the "Belt and Road". In 2017, it was selected as a "Belt and Road" scholarship program for foreign students in Beijing and was approved for the "Silk Road" Chinese government scholarship program. Besides, it entered the first batch of Beijing "Belt and Road" national talent training project.

In order to consolidate the present international cooperation foundation, open up new cooperation colleges and fields, and further promote the development of the its international development level, CUP made and implemented an overall overseas visit plan for leaders and teachers who are in the teaching and research front-line in 2019. The extensive plan which includes a return visit to 11 WEUN member universities has achieved fruitful results.







## Chapter 2 Visits

### 2.1 Chancellor Shan Honghong Visited Institutions and Enterprises in Brazil and Ecuador

○ From December 15th to 23rd, Shan Honghong, the Chancellor of CUP, visited Federal University of Rio de Janeiro, a member of WEUN, and other major universities and oil companies in Brazil and Ecuador, as well as Chinese Embassy in Ecuador and Chinese Consulate General in Guayaquil. The delegation consisted of the directors of Administration Office, International Office, College of Petroleum Engineering, College of Safety and Ocean Engineering.

At the Federal University of Rio de Janeiro, Chancellor Shan Honghong and her delegation met with President Denise Pires DE Carvalho, Carlos Antonio Levi, Dean of China-Brazil Deep-sea Joint Research Institute, and Segen

Estefen, an academician of Brazilian Academy of Engineering. Shan Honghong reviewed and appreciated achievements made in the past 20 years of cooperation between two universities and reported the operation of WEUN and its plans for the next year. Both sides reached consensus on further strengthening scientific cooperation on deep-sea technology, expanding student exchanges, holding academic forums and jointly developing WEUN, and as a result, they renewed a Memorandum of cooperation between two universities. After the meeting, the delegation visited China-Brazil Deep-sea Joint Research Institute, LabOceano Marine Technology Laboratory, NEO Marine Structure Laboratory, LTS Underwater Technology Laboratory, and visited alumni.





◎ At the Universidad San Francisco de Quito, Shan Honghong met with the President Santiago Gangotena, as well as Chinese and foreign deans of Confucius Institute, and held a council meeting of Confucius Institute 2019. The meeting summarized achievements and analyzed problems in development of Confucius Institute, and reached common agreement on improvement. After the meeting, Shan Honghong and her delegation visited Chinese teachers of Confucius Institute.



◎ She also visited Universidad Central Del Ecuador and met with President Fernando Ontaneda. Both sides reached cooperation intention and signed a memorandum of cooperation in the aspects of academic exchanges in petroleum and petrochemical disciplines, teacher exchanges and development of Confucius Institute. After the meeting, Shan Honghong and her delegation visited laboratories of petroleum engineering, chemical engineering of this university.

Shan Honghong and her delegation also visited Chinese Embassy in Ecuador and Chinese Consulate General in Guayaquil. Wang Xinming, the embassy's temporary charge d'affaires, and Zhang Tao, consul-general, respectively met with Shan Honghong and held in-depth exchanges on topics such as development of Confucius Institutes at CUP, educational cooperation with local communities and people-to-people exchanges.



◎ During the visit to Catholic University of Santiago de Guayaquil, Shan Honghong met with President Mauro Toscanini, Vice-president on research, Walter Mera, Vice-president on academy, Maria Cecilia, and the Vice-president on administration, Gustavo Ramirez, and Vice-president on external cooperation, Monica Franco, etc. Under the framework of the Memorandum of Cooperation signed in May this year, both sides signed an agreement on a student exchange program. Shan Honghong participated in recorded programs at the invitation of the university's television station in order to introduce CUP and cooperation between two universities to Ecuadorian audiences



◎ The delegation also visited Andes Petroleum Co, Sinopec Exploration and Development Ecuador Company, CPC International (Brazil) Company, Sinopec Exploration and Development Brazil Company, Cnooc Brazil Company. Shan Honghong respectively met with the representatives of the companies mentioned above. They exchanged in-depth views on and reached a number of consensuses on development of the local oil and gas industry, the requirement of business development, talent training, and cooperation on scientific research.





## 2.2 President Zhang Laibin Visited Institutions and Enterprises in Myanmar



● President Zhang Laibin and leaders and representatives of Mandalay University



● President Zhang Laibin and representatives of Southeast Asia Crude Oil Pipeline Co., LTD and Southeast Asia Natural Gas Pipeline Co., LTD



● President Zhang Laibin and representatives of China-Myanmar oil and gas pipeline Mandalay operation center

◎ From April 10<sup>th</sup> to 14<sup>th</sup>, Zhang Laibin, the President of CUP, leading a delegation visited Mandalay University in Myanmar, Southeast Asia Crude Oil Pipeline Co., LTD., and Southeast Asia gas pipeline co., LTD.. They discussed to strengthen intercollegiate cooperation, the training of international students in energy discipline, international academic exchanges and cooperation, cooperation between colleges and enterprises and carry out some projects responding to the Belt and Road Initiative and so on. The delegation consisted of the directors of College of Mechanical and Transportation Engineering, School of Online and Continuing Education and International office.

President Dudi Dawin, vice president Wuti Tuang and representatives of colleges met with Zhang Laibin and his delegation at Mandalay University in Myanmar. Dudi Dawin introduced the basic situation of Mandalay University and said that China and Myanmar had a unique geographical advantage as the friendly neighbor to each other, especially in the energy field represented by petroleum and natural gas energy. The two countries had obvious complementary advantages. Mandalay University expected to sign a strategic cooperation framework agreement with CUP to make substantive cooperation in teacher training, students exchange, teaching and scientific research, and etc.. Zhang Laibin and his delegation also visited the geological museum of Mandalay University.

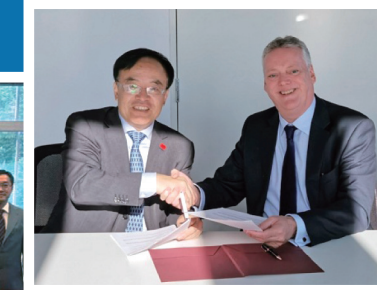
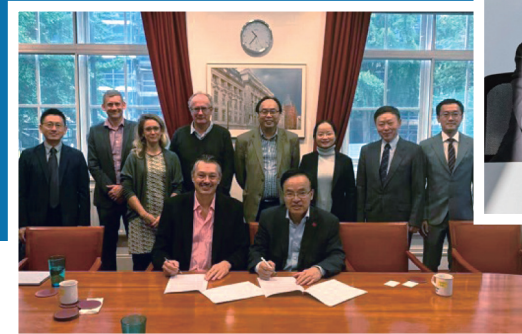
Zhang Qiang, CEO of Southeast Asia Crude Oil Pipeline Co., LTD., and Li Zilin, CEO of Southeast Asia Natural Gas Pipeline Co., LTD., thanked for the strong technical support for Myanmar's oil and gas pipeline construction from CUP and hoped the two sides can further strengthen the cooperation and exchange. Zhang Laibin also thanked for the long-term support from the two companies and said that CUP would continue to introduce the outstanding talents and more advanced technology support to the two companies. He said that the two sides had cooperated closely in talent training and scientific research for a long time, and he hoped that the two sides would make more efforts to their strong fields and deepen the cooperation between industry, university and research institute. CUP reached cooperation intention with Southeast Asia Crude Oil Pipeline Co., LTD and Southeast Asia Natural Gas Pipeline Co., LTD in overseas students training, continuing education and scientific research.

Wang Qiang, manager of China-Myanmar Oil and Gas Pipeline Mandalay Operation Center, introduced the relevant situations of company's pipeline pump station system, center room control system, the large-scale emergency repair task for the entire line of China-Myanmar oil and gas pipeline, and the management of the company's materials warehouse. Zhang Laibin and his delegation visited the operation management and maintenance workshop of oil and gas station, valve room and line, and introduced the latest development situation and development plan of the university.

During the visit, Zhang Laibin visited the alumni representatives in the production line and had a discussion with them. Zhang Laibin introduced the latest situation of CUP and its development plan, and learned about the development situation of alumni in Myanmar. Zhang Laibin encouraged them to make unremitting efforts for the reputation of CUP and motherland, and he wished them a successful career and welcomed them to return alma mater.

## 2.3 President Zhang Laibin Visited Institutions in the UK and Portugal

◎ From October 13 to 18, Zhang Laibin, the President of CUP, led a delegation to visit two WEUN member universities, University of Aberdeen and University of Dundee, and had a talk with Imperial College London and Technical University of Lisbon. The purposes of the visit include consolidating and improving the cooperation, finding new channels and modes of cooperation, exploring more areas of cooperation, discussing various projects within the framework of the WEUN, and inviting qualified universities with intentions to join. During this visit, the president Zhang Laibin and delegation were accompanied by the directors of the Karamay Campus of CUP, the School of Geophysics, the School of Information Science and Engineering, and the Institute of Unconventional Oil&Gas Science and Technology.



◎ President Zhang Laibin and the delegation met Alan Speight, the vice president of University of Aberdeen, discussing with the research director of the school and the directors of geology, petroleum engineering and computer science about the cooperation, and visited the national oil field waste disposal center. At University of Dundee, Zhang Laibin and the delegation met Dr. Wendy Alexander, the Vice-Chancellor of the school, and talked with the directors of the School of Social Sciences, the Center for Energy Policy and Law, the School of Business, and the School of Engineering, and then visited the school's mechanical and computer laboratory. At Imperial College London, Zhang Laibin and the delegation met the director of the School of Engineering, the academician of the Royal College of Engineering, Nigel Brandon, and the partnership manager, as well as the leaders of petroleum geological engineering, petroleum engineering, geophysics and other majors. At Technical University of Lisbon, Zhang Laibin and the delegation met the president Arlindo Oliveira, the vice president Luis Silveira and the SEEP coordinator José Santos Victor, and communicated with the leaders of mining and petroleum engineering, geophysics and other projects.

During this visit, Zhang Laibin and the delegation addressed reports on WEUN's work carried out and many important plans for next year. As members of WEUN, the two universities expressed their willingness to actively participate in the activities organized by WEUN and contribute to them. They also put forward constructive suggestions on short-term courses, summer schools, academic discussions, cooperative research, etc.







© Zhang Laibin and the delegation exchanged views with the students studying at University of Dundee and Technical University of Lisbon. President Zhang inquired about the students' study and life in detail, encouraging the students to study hard and strive to win glory for the alma mater. At the same time, the universities will continue to cooperate and play a bridge role well. In addition, Zhang Laibin and the delegation exchanged ideas with a number of fresh doctoral students interested in coming to CUP in the near future, introducing the talent-introduction policy and career development prospects of it.

During this visit, CUP signed the "Cooperation Letter of Intent" and "Memorandum of Cooperation" with University of Aberdeen and Imperial College, which includes the exchanges of the teachers and students majoring in English, machinery, chemical, geology and computer. They will jointly establish the geothermal energy laboratory, boosting students' training, research, consulting, etc. Two cooperation agreements have been signed with the University of Dundee, covering the joint training of undergraduate and postgraduate students, dual-mentor system for doctoral students, the exchange of teachers and the joint establishment of energy economics, law and policy research centers. The cooperation memorandum has been renewed with Technical University of Lisbon, which includes the joint training of postgraduates and the plans of holding academic conferences, launching summer classes and carrying out research collaborations.

## 2.4 Vice-President Chen Daen Visited Institutions in Russia

© From May 27 to 31, Chen Daen, the Vice-President of CUP and Director of Karamay campus of CUP visited Russia at the invitation of Tomsk Polytechnic University and Kazan Federal University accompanied by the staffs of Karamay campus. During the visit, the delegation exchanged ideas with the leaders and representatives from relevant departments and colleges of the two universities, held extensive discussions on strengthening intercollegiate cooperation, joint training of degree students, short-term student exchanges, teachers' visits, and scientific research cooperation and exchanges, and reached an agreement on the next step.

On May 28, the delegation visited Tomsk Polytechnic University. The school locates in the capital of tomsk state. Founded in 1896, it is the first polytechnical university in Asia area of Russia and one of the top three polytechnics in Russia. Announced by the official website of the ministry of education of Russia in 2012, it ranked the 7th among Russian universities and ranked 2nd among polytechnics. According to The Times of Britain, it entered the world top 500. Liliya Kiryanova, Vice-President on international affairs, and Alenxander Wagner, Vice-President on teaching affairs, received the delegation and held a meeting. After the meeting, the delegation had a discussion with the heads of International Office, Department of International education, School of Geosciences and Engineering, and School of Computer science and Mechanic. The two sides further implemented the specific matters concerning the exchange and study of undergraduate students from CUP for one year in the autumn of 2019. The two sides would cooperate in petroleum engineering, geological engineering, software engineering, big data science and other fields to carry out the "1+1" joint postgraduate training project, and the students finally could obtain the master degree certificate issued by both sides of CUP and Tomsk Polytechnic University. Exchanges between professors of the two sides would be strengthened to promote bilateral scientific research cooperation.



The delegation also visited more than 10 laboratories and exhibition halls, including the history museum, exhibition center, catalyst research and development laboratory of the school of geoscience and engineering, hydrogeology laboratory, lithology geology laboratory and robot research and development laboratory of the school of computer science and mechanics.





On May 30, the delegation visited Kazan Federal University, located in Russia's A-class historical city Kazan, which is the center of education, science and culture in Russia. It is the third university established in Russia after Moscow State University and St. Petersburg State University. Since its founding on November 5, 1804, the school has been enjoying a reputation at home and abroad for more than 200 years. It is one of the best universities in Russia. Lina Latypov, Vice-President on international affairs, and Danis Nurgaliev, Vice-President on scientific research, received the delegation and held a meeting. After the meeting, the delegation held discussions with the heads of International Office, School of Geology and Petroleum Technology, School of International Relations, School of Language and Cross-Cultural Exchange, and the Confucius Institute of Kazan Federal University. The two sides further implemented the specific matters concerning the exchange and study of undergraduate students from CUP for one year at Kazan Federal University in autumn 2019. The two sides would carry out the "4+1" joint postgraduate training program in petroleum engineering, geological engineering, Russian and other fields. CUP would recommend the outstanding undergraduate students to study in the university for another year, so as to finally train interdisciplinary talents who know both majors and languages. The two sides would encourage professors from the two universities to strengthen exchanges and cooperation in collaborative research and publish articles in high-level journals.



At noon on the 30th, Chen Daen accepted an exclusive interview with local TV station.



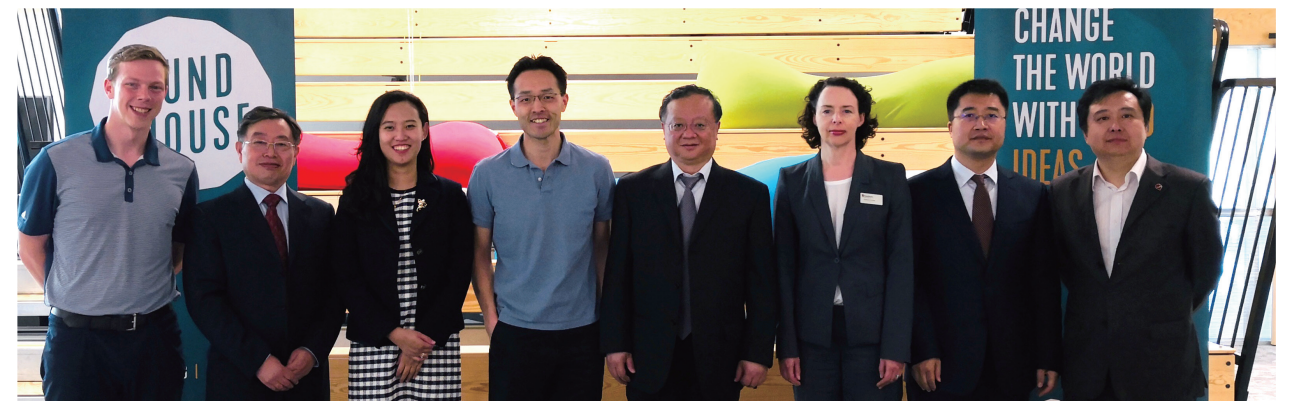
The delegation visited more than 20 laboratories and exhibition halls, including the history museum, the laboratories of the school of chemistry, the geological modeling center, the combustion device laboratory, the 3D geological center, and the Alexander Stukenberg geological museum.

## 2.5 Vice Chancellor Lei Yujiang Visited Institutions in Canada

From June 15 to 19, 2019, Lei Yujiang, the Vice Chancellor of CUP, was invited to visit University of Alberta and Grant MacEwan University in Canada. CUP has negotiated with two universities about innovation and entrepreneurship projects, discipline development planning, the Worldwide Energy University Network, undergraduate graduation internship projects, undergraduate summer internship projects and other issues, and have reached a number of new intentions in expanding cooperation areas and implementing cooperation contents. Directors of CUP International Office and Development Planning Office also participated in this visit.



At the University of Alberta, Lei Yujiang and his delegation met with Huang Cen, Vice President of the University in charge of international exchanges. The two sides discussed the holding of joint seminars and the summer camp project for undergraduates under the framework of WEUN, and agreed to implement the negotiations as soon as possible. The delegation communicated with the University of Alberta on the subject development plan, introduced the operation status and work plan of the WEUN to the University of Alberta, and welcomed the participation of the University of Alberta as a member of the WEUN in the secretariat meeting to be held in Azerbaijan next year. During the visit, the delegation visited the Innovation and Entrepreneurship Center of the University of Alberta Business School and listened to the presentation by Anthony Briggs, director of the Innovation and Entrepreneurship Center. The two sides have conducted in-depth communication on the development mode, management mode and fund operation of innovation and entrepreneurship education.



At the Grant MacEwan University, Lei Yujiang met with Kimberley Howard, Vice President of the University in charge of international exchanges. The delegation visited the innovation and entrepreneurship center and listened to the introduction by Leo Liao, director of the innovation and entrepreneurship center. The two sides discussed the cooperation modes of the interested centers, communities, universities and governments. Subsequently, the delegation exchanged in-depth with Howard and William Wei, Executive Dean of Business School, on short-term exchange programs for undergraduates, and reached a consensus on cooperative majors, number of students, communication methods and credit hours and other aspects. The two sides agreed to draft cooperation agreements, sign cooperation agreements and start related projects as soon as possible. The delegation also introduced to Grant MacEwan University with the WEUN and its operation, and exchanged views on disciplinary development planning.

Lei Yujiang and his delegation visited schoolfellows and teachers working at Alberta University and Grant MacEwan University, introduced the recent development of the CUP and welcomed them to visit CUP in the future.

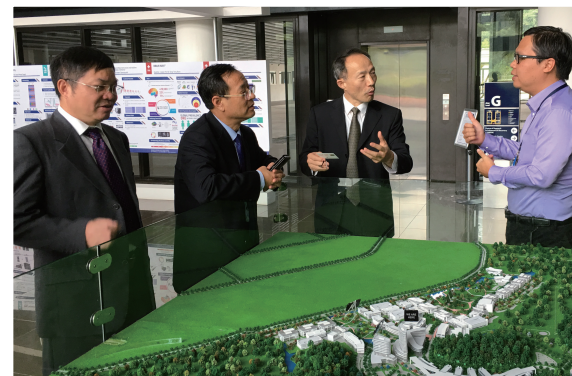


## 2.6 Vice-President Bao Zhidong visited Institutions in Malaysia and Vietnam

From November 11 to 18 2019, Bao Zhidong, the Vice-President of CUP was invited to visit Hanoi University of Mining and Geology, Universiti Teknologi Petronas, Xiamen University Malaysia Campus, University College Sedaya International. He led heads of College of Geosciences, the Institute of Unconventional Oil&Gas Science and Technology, and International Office, to visit four universities above-mentioned. The purposes of the visit include exchanging ideas in students training, the construction of "world-class" disciplines and research team, international exchanges and cooperation, and especially the development of WEUN. During visiting, CUP signed a jointly cooperative agreement on laboratory with Universiti Teknologi Petronas and a cooperation framework agreement with Xiamen University Malaysia Campus. At the same time, they witnessed the signing of revised Charter of WENU between Universiti Teknologi Petronas and Hanoi University of Mining and Geology.



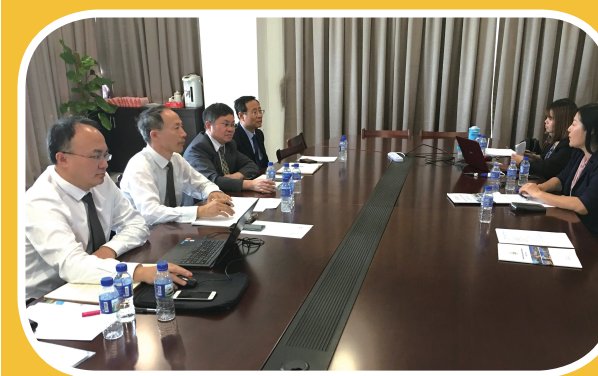
Founded in 1997, Universiti Teknologi Petronas (UTP) is a private university wholly owned by PETRONAS, the national oil and gas company of Malaysia. The campus is ideally located in Bandar Seri Iskandar, Perak Darul Ridzuan, Malaysia. UTP conducts extensive research and activities in six key areas: petroleum engineering, self-sustainable construction, transport infrastructure, health analysis, hydrocarbon recovery, pollutant management and automated systems. Bao Zhidong and Professor Mohamed Ibrahim A Mutalib, Vice-President of Universiti Teknologi Petronas, discussed scientific cooperation, student exchanges, teacher exchanges, short-term lectures and the summer school between two universities. During conversations, Universiti Teknologi Petronas signed a joint cooperative agreement on laboratory and Mohamed Ibrahim A Mutalib accepted Bao Zhidong's invitation to attend 2020 Global Energy Prize Summit and the WEUN Secretariat Conference jointly held by Global Energy Association and CUP.



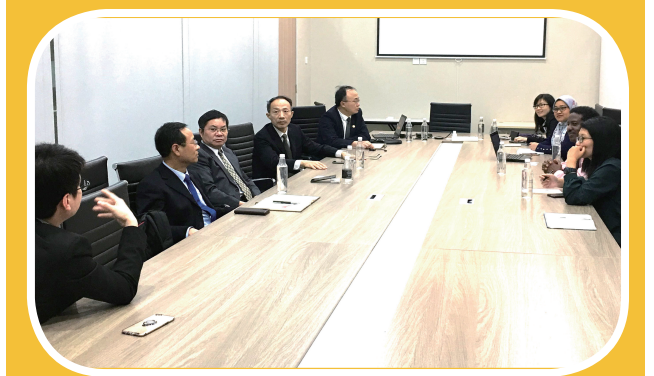
Hanoi University of Mining and Geology (HUMG) was established in 1966. Since its establishment, more than 50,000 undergraduates or postgraduates have moved from here to society. HUMG has 41 bachelor's degree program, 17 master's degree programs and 29 doctorate programs including mining, geology, mapping, oil & gas and etc.. Dr. Sahel N Abduljawad, President of Hanoi University of Mining and Geology, warmly received Bao Zhidong, discussing exchanges of students, cooperation in R&D projects, and the "2+2 Student Program" between two universities. At the invitation of Bao Zhidong, Sahel N Abduljawad will participate in 2020 Global Energy Prize Summit and the WEUN Secretariat Conference.



Xiamen University Malaysia Campus is the university in Project 985 to build a campus abroad. Its co-construction agreement was signed in 2013 between the two countries' governments and enrollment started in 2016. There are currently 5,018 students in schools, including 2,867 from Malaysia, 1,857 from China and 294 students from 26 other countries and regions. Dr. Zhang Ying, Vice-President of Xiamen University Malaysia Campus with Bao Zhidong were engaged in joint student training and R&D cooperation in the fields of new energy science and engineering, marine technology, chemical engineering and technology.



University College Sedaya International (UCSI), founded in 1986 by the Ministry of Education of Malaysia, is the only comprehensive and private university in Malaysia that offers a diverse curriculum. International students who are from 110 countries worldwide account 30% of the total number of students. Leaders of International Collaboration Centre, College of Engineering and Department of Chemical Engineering met with Bao Zhidong and his delegation to seek cooperation in student internships, the summer school and short-term programs about student exchanges, while actively promoting cooperation between College of International Education of CUP and this university.

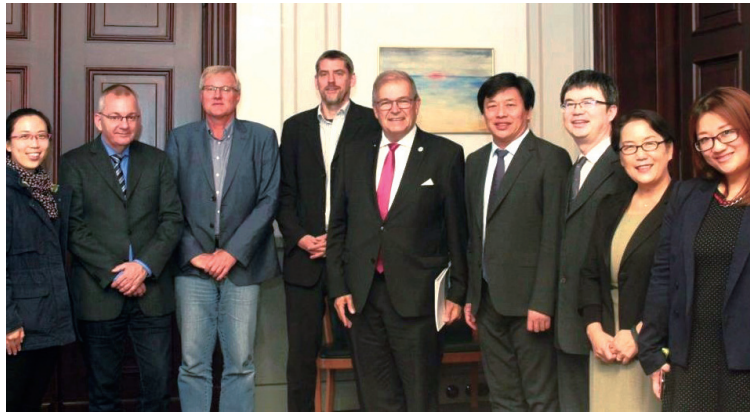


We had a full discussion about student training, teacher exchanges and cooperation on R&D, and implemented some specific plans through this visit. Moreover, WEUN was fully introduced to further strengthen student training, academic exchanges and cooperation, and international projects on this platform. This visit laid a solid foundation for CUP to expand cooperation among national energy universities in Southeast Asian countries.

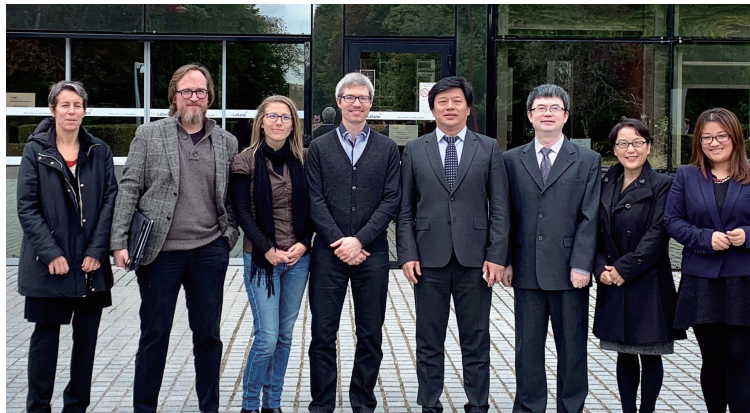


## 2.7 Vice-Chancellor Han Kefei Visited Institutions in Germany and France

◎ From October 6 to 13, Han Kefei, Vice-Chancellor of CUP, led a delegation consisting of the faculty to visit two WEUN member universities, University of Rostock in Germany and UniLaSalle University in France, and had a talk with Polytech Tours (France). During the visit, the delegation first introduced the basic information of CUP, the progress of the Worldwide Energy University Network (WEUN) and its plans. They achieved new cooperation intention with the above universities in student cultivation, resource sharing, academic exchange, scientific research and platform construction.



◎ At University of Rostock, the delegation met Wolfgang Schareck (the President of University of Rostock), and the director of the School of Waste and Resource Management and directors of the Laboratory of Piston and Internal Combustion Engine. The two sides made in-depth discussions and reached consensus on strengthening joint research on new energy, mechanical engineering and cooperation on student exchange programs. The delegation also visited the key laboratory of internal combustion engine and the key laboratory of waste and resource management of University of Rostock.

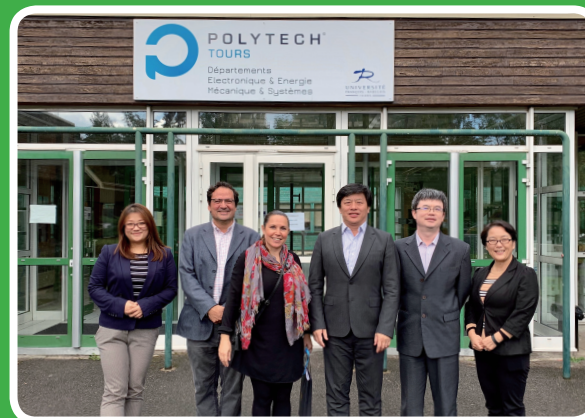


◎ At UniLaSalle University, the delegation met directors of the School of Geoscience, the School of Language and International Culture, International Office and Office of Student Affairs. CUP and UniLaSalle University discussed the revision of the charter of WEUN and cooperation on student exchange programs, and both sides agreed to strengthen cooperation on geoscience, petroleum engineering, mechanical engineering as well as language and literature.

◎ At Polytech Tours, the delegation met with the leader of the Mundus programme and directors of the Department of Linguistics, Department of Mechanical and System Design and Department of International Relations. Then the delegation visited Polytech Tours' key laboratory of automation and classes of language teaching, and visited the alumni of CUP.

### More Information:

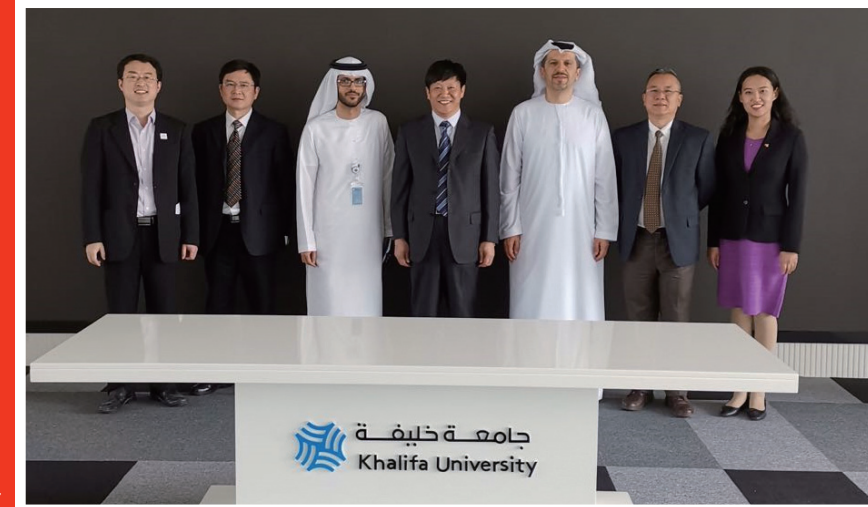
Being the oldest in northern Germany and Baltic Sea Region and one of the elite universities in Germany, the University of Rostock has interdisciplinary research strength in natural sciences, engineering, medicine, life sciences, humanities and social sciences. UniLaSalle University and College of Engineers of Polytech Tours are members of the "GRANDE ECOLE" which offers elite education in France. They belong to the same engineering education system, and are awarded internationally recognized diploma of engineers by the CTI certification.



## 2.8 Vice-President Li Gensheng Visited Institutions and Enterprises in UAE and Saudi Arabia

◎ From April 25 to May 1, 2019, Vice-President Li Gensheng visited universities and enterprises in the United Arab Emirates and Saudi Arabia, including Khalifa University of the United Arab Emirates, Abu Dhabi National Petroleum Corporation of the United Arab Emirates, CNPC International Middle East Company, Abu Dhabi Center of PetroChina Exploration Institute, King of Saudi Fahd University of Petroleum and Mining, Saudi Amy Company and Sinopec Middle East Research and Development Center. The visiting delegation is comprised of relevant persons from the Department of Science and Technology, the International office and the Institute of Artificial Intelligence.

In the United Arab Emirates, Li Gensheng and his delegation met with Dr. Arif Al Hammad, the president of the University of Halifah in the United Arab Emirates, Steve Griffiths, Vice-President of Scientific Research and Ahmed Al Shoaibi, Vice-President of Teaching. The two sides held talks on deepening cooperation under the framework of the Worldwide Energy



University Network, and reached a consensus on building joint laboratories of artificial intelligence disciplines, jointly applying for the International Fund of Abu Dhabi National Petroleum Corporation, launching joint undergraduate internship and graduate training projects, and hosting summer schools of the Worldwide Energy University Network. After the meeting, Li Gensheng and his delegation visited the ADNOC Innovation Center of the Institute of Petroleum, the Micro-nano Preparation Cleaning Room and the Electron Microscope Laboratory of Masdar College. They also visited CUP alumni who are currently working and studying here. After that, they witnessed the establishment of the Abu Dhabi Branch of CUP Middle East Alumni Association.

In Abu Dhabi National Petroleum Corporation (ranking No. 17 of the World Petroleum Corporation), Li Gensheng and his delegation met Khadija Al Daghar, Vice President of the Research and Technology Department of the company's Science and Technology Center, and visited the company's Tamama Research Center. The two sides discussed staff training, personnel training, production, education and research. The company said it would send exchange students to CUP in the future.

Li Gensheng and his delegation also visited CNPC International Middle East Company and Abu Dhabi Center of CNPC Exploration Institute. The two sides agreed to actively implement CUP's comprehensive strategic cooperation with CNPC and conduct overseas business cooperation in the fields of scientific research and personnel training.

In Saudi Arabia, Li Gensheng and his delegation held talks with Khaled S. Al-Sultan, President of King Fahd University of Petroleum and Mining, Nasser M. Al-Aqeeli, Vice-President of Scientific Research and Mesfer M. Al-Zahran, Vice-President of

Teaching. The two sides introduced their respective development history, subject characteristics, teaching and scientific research and other basic situations. Li Gensheng introduced the operation of the Worldwide Energy University Network initiated by CUP and

welcomed King Fahd Oil and Mining University of Saudi Arabia to join the network. Subsequently, the two sides exchanged views and reached cooperation intentions around the joint training of postgraduates, teacher exchanges, scientific research cooperation and other related issues. A senior delegation from King Fahd University of Petroleum and Mining will pay a visit to CUP this year to speed up cooperation between the two universities.

In the R&D Center of Saudi Arabian Amy Company (No. 1 in the ranking of World Petroleum Company), Li Gensheng met with Ashraf M. Al-Tahini, General Manager of this center, and other representatives to discuss the cooperation agreement signed between the school and Saudi Amy Company last year and the concrete implementation measures. At the invitation of Sinopec Middle East Research and Development Center, Li Gensheng and his delegation also participated in the "KFUPM-SINOPEC Innovative Technology in P.E. Workshop" (King Fahd University of Petroleum and Mining of Saudi Arabia-Sinopec International Symposium on New Technologies in Petroleum Engineering). Li Gensheng delivered a speech at the opening ceremony and awarded the speakers.



## 2.9 Vice-Chancellor and Vice-President Han Shangfeng Visited Institutions in Kazakhstan and Turkmenistan

◎ From August 17 to 24, Han Shangfeng, the Vice-Chancellor and Vice-President of CUP, led a delegation team to visit Kazakhstan and Turkmenistan. They visited WEUN member universities including the Kazakh-British Technical University (KBTU) and the International University of Oil and Gas of Turkmenistan, and also went to the Al-Farabi Kazakh National University (KazNU) and local oil industries. Directors of the Petroleum Engineering Institute, the Employment Guidance Center and the International Office joined this visit.

At KBTU, Han Shangfeng and his team met Kenzhebek Ibrashev (the President of KBTU), Gulzada Shakulikova (the Vice-President of KBTU for Academics), and Maratbek Gabdullin (the Vice-President of KBTU for Research). Han Shangfeng first introduced the basic situation of CUP and the progress of the Worldwide Energy University Network (WEUN). He also showed his thanks to KBTU for her long-term support for WEUN. Both sides reached common agreement on strengthening cooperation on short-term student exchange program, summer school, joint research on oil field development technology in Kazakhstan, and co-construction on the "Belt and Road Initiative" Institute of Oil and Gas Engineers. Kenzhebek Ibrashev happily recalled the impression of last year when he came to Beijing attending the WEUN founding ceremony on behalf of KBTU. He fully affirmed the achievements obtained by WEUN since her establishment. Finally, he signed the revised version of WEUN Constitution on behalf of KBTU. After the meeting, Han Shangfeng and his colleagues visited the Laboratory of Solar Nanomaterials and teaching laboratory of navigation simulator.

At KazNU, Mukhambetkali Burkitbayev (first Vice-President of KazNU) welcomes Han Shangfeng and his delegation on behalf of KazNU. He expressed strong willing to join WEUN.

In Turkmenistan, Han Shangfeng and his delegation visited the Ministry of Education of Turkmenistan and the International University of Petroleum and Gas of Turkmenistan (WEUN member). They met Rasulow Purli, representative of the Ministry of Education of Turkmenistan, and Batyr Meretdurdyevich Mammedov (Vice-President of the International University of Petroleum and Natural Gas of Turkmenistan). During the meeting, both sides made in-depth discussion and reached common cooperation intentions including joint-training of students, exchanged program for faculties and students, research cooperation, humanistic communication and the Worldwide Energy University Network.



## Chapter 3 Summary

◎ In 2019, the leaders of CUP visited international universities and enterprises 9 times in total, including 11 WEUN member universities including Khalifa University, Federal University of Rio de Janeiro, Rostock University, UniLaSalle University, University of Alberta, Universiti Teknologi Petronas, Kazakh-British Technical University, International University of Oil and Gas of Turkmenistan, University of Aberdeen, University of Dundee, Hanoi University of Mining and Geology and other world-renowned universities that have a good foundation for cooperation with CUP and are willing to join the WEUN, such as Kazan Federal University, Tomsk Polytechnic University, Great McCowen University, Technical University of Lisbon, Imperial College London and etc.. The countries they visited included UAE, Brazil, Germany, Ecuador, Russia, France, Canada, Malaysia, Portugal, Saudi Arabia, Kazakhstan, Turkmenistan, the United Kingdom and Vietnam.

A total of 28 cooperation agreements or memorandums of understanding were signed during this year's visits, which led to exchanges of 60 undergraduates such as summer schools, geological internships, and short-term exchange students, more than 400 teachers' academic collaborations and 7 international conferences that were held at CUP. Moreover, it facilitated totally 17 delegations and 62 people from University of Calgary, University of Dundee, Norwegian University of Science and Technology, King of Saudi Fahd University of Petroleum and Mining, and the International Energy Association to visit CUP and seek cooperation.

In 2020, CUP will firmly advance the internationalization strategy, continue to put the results of the visits into effect, deepen the practical cooperation in student exchanges, academic research, school-enterprise internships, etc., and promote the development of WEUN by hosting a series of important international conferences, student activities and recruiting new members, etc.

Standing at a new historical starting point, CUP will insistently advance the internationalization strategy, striving to build itself into a "world-class research university in petroleum and petrochemical sciences disciplines".



## Appendix: Table of Visits of CUP 2019

No.	Member	Country	Unit	Result
1	Shan Honghong	Brazil Ecuador	Federal University of Rio de Janeiro Universidad San Francisco de Quito Catholic University of Santiago de Guayaquil Universidad Central Del Ecuador CPC International (Brazil) Company Sinopec Exploration and Development Brazil Company Cnooc Brazil Company Andes Petroleum Co Sinopec Exploration and Development Ecuador Company Chinese Embassy in Ecuador Chinese Consulate General in Guayaquil	28 cooperation agreements or MOU; 60 undergraduates exchanges; More than 400 teachers' academic collaborations; 7 international conferences; 17 delegations visited CUP
	Wen Yonghong			
	Zhang Guangqing			
	Duan Menglan			
	Lu Shang			
2	Zhang Laibin	Myanmar	Mandalay University Southeast Asia Crude Oil Pipeline Co. Southeast Asia Natural Gas Pipeline Co.	
	Li Zhenlin			
	Chen Chonghe			
	Yao Jun			
3	Zhang Laibin	The UK Portugal	Technical University of Lisbon University of Aberdeen University of Dundee Imperial College London	
	Sun Xudong			
	Rao Ying			
	Xian Chenggang			
	Liu Weifeng			
4	Chen Daen	Russia	Tomsk Polytechnic University Kazan Federal University	
	Zhang Yi			
	Yang Jieping			
	Xu Xiaofang			
5	Lei Yujiang	Canada	University of Alberta Grant MacEwan University	
	Li Yongfeng			
	Hu Qingxi			
	Feng Jinyu			
6	Bao Zhidong	Vietnam Malaysia	Hanoi University of Mining and Geology Universiti Teknologi Petronas Xiamen University Malaysia Campus University College Sedaya International	
	Zeng Jianhui			
	Jiang Zhenxue			
	Yao Jun			
7	Han Kefei	Germany France	University of Rostock UniLaSalle University Polytech Tours	
	Liang Yongtu			
	Zhao Xiufeng			
	Sun Lei			
8	Li Gensheng	The UAE Saudi Arabia	Khalifa University Abu Dhabi National Petroleum Corporation CNPC International Middle East Company Abu Dhabi Center of PetroChina Exploration Institute King of Saudi Fahd University of Petroleum and Mining Saudi Army Company Sinopec Middle East Research and Development Center	
	Ji Hancheng			
	Xiao Lizhi			
	Feng Jinyu			
9	Han Shangfeng	Kazakhstan Turkmenistan	Kazakh-British Technical University International University of Oil and Gas of Turkmenistan Al-Farabi Kazakh National University	
	Ning Zhengfu			
	Huang Lei			
	Lu Shang			