

Public Announcement of Winners of Competition on Energy and Climate Change (CECC)

The review of the entries submitted to the Competition on Energy and Climate Change (CECC), a special event of BRICS Youth Energy Summit & International Energy Youth Conference, has been completed lately. The CECC committee is announcing the winners as listed below. Please contact the committee by email at energyyouth2022@163.com within 7 days if you have any objections.

First Prize of Best Academic Paper

Competing Track	Participant Category	Institution	Authors	Title of Entry
Academic Track	Student Group	Renmin University of China	Yuanhua Chang, Ge Li, Ying Tian	The general equilibrium impacts of different carbon tax revenue-recycling options in China: A perspective of green technological progress
Academic Track	Enterprise & Institution Group	Tianjin University	Jide Niu, Xiaoyuan Lia, Haoran Maia, Zhe Tian	Flexible multi-objective optimization planning method for distributed energy system based on multi-operation scenarios

Second Prize of Best Academic Paper

Competing Track	Participant Category	Institution	Authors	Title of Entry
Academic Track	Student Group	Tsinghua University	Qingyang Wu, Yao Hou, Siyu Ren, Zaoli Yang	How financing constraints change with carbon emission trading scale
Academic Track	Student Group	Tianjin University	Yalei Cui, ZhongXiang Zhang, Zengkai Zhang	Unequal age-based household carbon footprint in China
Academic Track	Enterprise &	Cardiff University (UK)	Pan He, Helen Liu, Yueming	Does the weather change the energy efficiency gap: Evidence

	Institution Group		Qiu, Pengfei Liu	from air conditioner purchases in the United States
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Excellence Award

Competing Track	Institution	Author/ Team Leader	Title of Entry
Academic Track	Huazhong University of Science and Technology	Banban Wang	Dirtier or Cleaner? An Empirical Analysis of China's Overseas Energy Infrastructure Projects Before and After the Belt and Road Initiative
Academic Track	China University of Petroleum-Beijing at Karamay	Dingding Wang	Potential Accounting of Forestry Carbon Pool and Optimization of Harvesting Strategy in China from Multi-Benefit Perspective
Academic Track	China University of Petroleum (UPC)	Shichang Zhang	Do oil prices affect renewable energy development? Empirical evidence from a global framework analysis
Academic Track	Beihang University	Rongqi Zhu	Emission Trading Scheme, Technological Innovation, and Competitiveness Evidence from China's thermal power enterprises
Academic Track	China University of Petroleum-Beijing	Haichen Ji	Research on asset stranding risk of refinery based on different carbon price and crude oil price scenarios
Academic Track	Taiyuan University of Technology	Wei Li	Multiregional Input-Output Analysis of Spatial-Temporal Evolution Driving Force for Carbon Emissions Embodied in Interprovincial Trade and Optimization Strategies: A Case Study of Shanxi, China
Academic Track	Renmin University of China	Zida Zhao	Market Structure, the Cap-and-trade Mechanism, and Carbon Emissions Reduction in the Power Sector
Academic Track	China University of Petroleum-Beijing	Meishan Wan	Structural changes in the demand for different skilled workers and estimation of re-employment costs in China in the background of carbon peaking
Academic Track	China University of Petroleum (UPC)	Zhen Cheng	Green Credit and Enterprise Green Innovation in China: A Quasi-Natural Experiment Based on "Green Credit Guidelines"

Competing Track	Institution	Author/ Team Leader	Title of Entry
Academic Track	Sinopec International Exploration and Production Corporation	Yongjie Hu	Estimates of carbon dioxide emission and terrestrial ecosystem carbon sinks in China
Academic Track	University College London (UK)	Lu Cheng	Dirty skies lower China's subjective well-being
Academic Track	Chongqing University	Hao Zheng	Examining the internal-structural effects of internet development on China's urban green total factor productivity

Best Practice Award

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum-Beijing	Xintong Rao	Carbon Zero Technology -The leader of carbon sequestration and monitoring in carbon neutralization

Excellence Award

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
Practice Track	Innovation & Entrepreneurial Design	SINOPEC Research Institute of Petroleum Engineering Overseas Center	Lulu Liao	PG_Intelligent Platform Business Plan (Software Dev. & Web Service)
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum-Beijing	Rong Zheng	Smart and efficient foam fracturing leader under double carbon target
Practice Track	Research Report	Southwest Petroleum University	Ziyuan Li	Carbon Dioxide Transportation and Storage Technology Investigation
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum (UPC)	Hongpeng Lv	Green Source

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
Practice Track	Research Report	Central University of Finance and Economics	Yiwen Li	Research Report on Carbon Peak and Carbon Neutralization in XX City
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum-Beijing	Wei Shan	Business Plan of ZhongShi New Material Group
Practice Track	Research Report	Tianjin University	Wenjuan Xu	Investigation on Public Response Based on Low Carbon Economy, Energy Conservation and Emission Reduction based on VAR Model
Practice Track	Research Report	China National Petroleum Corporation	Wenting Hou	Multiple Solutions to the International Fund Management Innovation for Multinational Petroleum Enterprises and the Practice
Practice Track	Research Report	PetroChina Planning & Engineering Institute	Zhengrong Li	"Coal to Gas" Clean Heating in the North of China Research Report
Practice Track	Innovation & Entrepreneurial Design	Xi'an Jiaotong University	Shiqin Kong	High hardness self-lubricating ceramic coating for piston aero engines
Practice Track	Policy Proposal	China University of Petroleum-Beijing	Xiaocao Shi	Some Analysis and advice on Achieving Carbon Neutrality and Promoting Energy Structure Transformation
Practice Track	Policy Proposal	University of Alberta	Panpan Zhang	Golden and Green- A proposal for carbon emission rights allocation and trading
Practice Track	Policy Proposal	Central University of Finance and Economics	Jingyi Ren	Analysis of the Coupling Coordination of Green Finance and Green Total Factor Productivity-- Empirical analysis based on provincial

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
Practice Track	Research Report	China University of Petroleum-Beijing	Shizhong Cheng	Low Carbon To Meet Future
Practice Track	Innovation & Entrepreneurial Design	China National Petroleum Corporation	Wenting Hou	Top-level Management Framework of Derivatives for China Energy Enterprises

Outstanding Performance Award

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum (UPC)	Tong Wu	Natural Gas Pipeline Leak Detection and Early Warning Scheme
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum-Beijing	Xinshu Guo	Carbon-neutrality Foams Engine —— Clean development mode of energy
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum (UPC)	Yubin Zhang	Nondestructive Testing and Intelligent Monitoring System of Ultradeep Water Multipurpose Flexible Pipe Based on Infrared Thermal Imaging Technology
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum-Beijing	Yongjie Zhao	Energy Saving and Emission Reduction - Replacement of Fuel Cell Core Materials - N-PAC Catalyst
Practice Track	Innovation & Entrepreneurial Design	Tianjin University	Xiaoyuan Li	INTEGRATED ENERGY SYSTEM OPTIMIZATION PLANNING SOFTWARE
Practice Track	Innovation & Entrepreneurial Design	China University of Petroleum (UPC)	Guoxiang Tang	Design of innovative equipment for efficient recovery of natural gas hydrate based on energy separation effect
Practice Track	Policy Proposal	Sinopec International Petroleum Exploration and Production	Yifang Wu	Enlightenment of Operating Strategy of Overseas Oil Companies Under Low-carbon Transition to Development of China's Oil and Gas Industry

Competing Track	Type of Entry	Institution	Author/ Team Leader	Title of Entry
		Corporation (SIPC)		
Practice Track	Policy Proposal	PetroChina International Co., Ltd.	Qiang Wei	China's Energy Transition Under Energy Security Challenges
Practice Track	Policy Proposal	CNOOC International	Hao Zhang	Policy Proposal on Comprehensive Development of Far-reaching offshore energies
Practice Track	Policy Proposal	China University of Petroleum-Beijing	Lv Zexuan	Some suggestions for the energy transition
Practice Track	Research Report	Blue Stone	Zhijie Shan	Study on Comprehensive Utilization of Crop Straw in China for the Realization of Double Carbon Goal
Practice Track	Research Report	Tsinghua University	Yuwei Weng	Opportunities and challenges for power companies in the construction of the national carbon market
Practice Track	Research Report	Sinopec International Petroleum Exploration and Production Corporation (SIPC)	Hongna Qu	Carbon Emission Reduction Achievement by Using New Technology in Sinopec International Petroleum Company- Sinopec Canada leading by Action
Practice Track	Research Report	China University of Petroleum-Beijing	Weidong Yang	Techno-economic evaluation and future feasibility analysis of green power hydrogen production
Practice Track	Research Report	China University of Petroleum (UPC)	Deshui Yu	Integration study of large span light alloy tank roof and surface functional coating

Best Voice Award

Competing Track	Institution	Title of Entry	Nationality/ Country	Member(s)
Voice Track	CNODC BRASIL PETROLEO E GAS LTDA	CNPC Low-carbon practices in deep-water and ultra-deepwater oil gas exploration and production in Brazil	Brazil	Jian Zhao, Tarcilio Dutra, Bruna Viana, Yuguai Zhang, Yuele Zhang, Jie Zhang

Excellence Award

Competing Track	Institution	Title of Entry	Nationality/ Country	Member(s)
Voice Track	LEARNBYRESEARCH	India's path to carbon neutrality	India	INFANT RAJ STEPHENRAJ
Voice Track	China Energy Media Group Co.,Ltd	China's green and low-carbon transformation of energy under the background of carbon peaking and carbon neutrality goals	China	Ruijia Wang, Zheng Zhang
Voice Track	中国石油拉美公司	Carbon fertilization in the Amazonas through CO2 capture an innovative chance to face climate change	Venezuela	Rui Huang, Francisco Quevedo, Edgar Martine, Baorui Ji
Voice Track	ANDES PETROLEUM ECUADOR LTD.	Practice of low carbon development in Andes Petroleum Ecuador LTD	Ecuador	Taoran Feng, Gabriela, Shuangjie Dai, Xianglin Xu, Javier, Zhengwei Liang, Jing Liang, Ruben, Fabrizio, Gabriele
Voice Track	中油国际（秘鲁）公司	THE CLIMATE CHANGE AND ENERGY TRANSITION IN PERU	Peru	Shiqun Li, MELISSA HE, Stephanie Herrera
Voice Track	ASIA GAS PIPELINE (AGP)		Kazakhstan	阿依格丽木·奥斯潘巴耶娃

Competing Track	Institution	Title of Entry	Nationality/ Country	Member(s)
Voice Track	Repsol Sinopec Resources UK	Repsol Sinopec - Committed to Energy Transition	United Kingdom	Yue PANG, Andrew WRIGHT, Chen XU, Anna BARRON, Cong ZHANG, Claire Garden, Craig ANGUS
Voice Track	Sinopec International Petroleum Exploration and Production Corporation (SIPC)	Sinopec Canada New Technology Application and Emission Reduction Practices Video	Canada	SIPC Carbon Reduction Research Group: Hongna Qu, Xinran Gong, Ryan Hansen, Jue Wang, Perry Roney, Wei Liu
Voice Track	Xinjiang Oil Field Company	Development of CCS (CCUS) in Xinjiang Oil Field Company	China	Haihai Dong, Xu Ren, Piao Xu, Xianwei Hu, Chao Yan, Xunchen Cao, Jie Li, Li Teng, Yan Ye, Yongjing Hu, Jingchen Zhang, Xiaojing Luo
Voice Track	中国石油安全环保技术研究院有限公司	Progress and Trend of Greenhouse Gas Accounting in Petroleum and Petrochemical Industry	China	Wenjia Xu
Voice Track	Gubkin University of Oil and Gas	Analysis of emission reduction projects in the petroleum industry	Russia	ESGubkin: Zenovskaya Anna, Mironova Marina, Hudyakova Evangelina
Voice Track	City University of Hong Kong	Sprouting Hong Kong: the Path to Carbon Neutrality	China	Boyu Liu, Yaying Zeng, Minghao Zheng, Ziyi Wang
Voice Track	China University of Geosciences Beijing	Energy Conservation of the Ocean-Leave the Blue to the Sea	China	Danyang Zhai, Tongbang Zeng, Hao Fan, Feiyang Liu

Competing Track	Institution	Title of Entry	Nationality/ Country	Member(s)
Voice Track	China University of Petroleum-Beijing	Energy Conservation-together for a shared future	China	Jiaming Yu, Yi Shu, Haowen Duan, Shengzhao Wang, Yumin Zhang, Yanfei Su, Ashyrov Agamamme, Takudzwa Duncan Maluw, Chenxi Chen, Yongjie Zhao, Xinzhu Zheng
Voice Track	中油国际（尼日尔）上游项目公司	Low Carbon & Green Development in Sahara Desert	Niger	Qingling Liu, Zheng Zhang, Issaka Baare, Gaya Abdourahamane
Voice Track	CNOOC International Limited	Governing a country's energy Transition is like cooking small fish.	China	Wang Jianrong, Barnaby Nichols
Voice Track	JSC "CNPC International Aktobe Petroleum"	Green and low-carbon future on The Belt and Road	Kazakhstan	Hongge Jia, Т и т о в а E.B, Chunyu Li, Кириллова Ю. С, Расмагамбетова А.Г, Weiping Feng, Умбеталиева К.У
Voice Track	China University of Petroleum-Beijing	Paper or Paperless	China	Xinyi Xia, Yanrui Sun, Xintong Guo, Wenqi Wang, Zhizhen Yang, Yunjing Ma, Keyu Cao
Voice Track	China University of Petroleum-Beijing	Dimming the light, brightening the future	China	Bingmao Song, Yiru Gao, Ting Lei, Fengyang Xin, Danyi Zou

*Listed in no particular order

Outstanding Performance Award

Competing Track	Institution	Title of Entry	Nationality / Country	Member(s)
Voice Track	N'Djamena Refinery Company	Development of oil refining industry and environment protection of Chad	Chad	Xuefeng Li, Achta Hamid, Pan Zhang, Mahamat Nour Massar, Akotmo Jesus, Hong Yang, Noubaissem Christian
Voice Track	SINOPEC International Petroleum Exploration and Production Corporation	Team Next_Bet on SIPC	China	Xinran He, Boyang Du
Voice Track	苏丹 6 区项目	Environment Protection in Sudan by CNPC NILE	Sudan	Jingyi Yang, Rida A. Farid, Khalid Abdelrahman Bakrawi, Siyu Chen, Yong Yang
Voice Track	中国石油尼罗河公司	Climate change in South Sudan	South Sudan	Qi Liu, William Zakaria, Heng Liu
Voice Track	PetroKazakhstan	Green and high-quality development of PetroKazakhstan	Kazakhstan	Enjie Zhao
Voice Track	PetroChina (Halfaya)	Promoting the Green Development of the Belt and Road-Practices of Energy Conservation and Emissions Reduction in Iraqi Halfaya Oilfield	Iraq	Wen Ouyang, Alaa Aldin Megbel Yasee, Vusal Mammadov, Yanhui He, Feng Liu, Akli Kifouche, Xiaozhen He, Jean-Gabriel Affonco,

Competing Track	Institution	Title of Entry	Nationality / Country	Member(s)
				Shuoyi Ren, Xin Chen
Voice Track	BOZOY-SHYMKENT GAS PIPELINE	Environmental Protection Practice of Beineu-Shymkent Gas Pipeline in Kazakhstan	Kazakhstan	Yang Feng, Bayan Zhakupova, Rustam Safiullin
Voice Track	中塔天然气管道公司	Importance of using natural gas for energy conservation, emission reduction and environmental protection	Tajikistan	Saidov Umedjon
Voice Track	ATG UCS1 Station	One sky One dream	Uzbekistan	Shizheng Tao, Wenbin Wang, Nosir Karimov
Voice Track	Sinopec International Petroleum Exploration and Production Corporation (SIPC)	The application of big data technology in international carbon emissions	China	Yao Zhao
Voice Track	Sinopec International Petroleum Exploration and Production Corporation (SIPC)	The great chain against CO2	France	Guillaume, Enyu Zhang, Yuan Yao, Huihan Cao
Voice Track	University College Dublin (Ireland)	Energy Consumption and Renewable Energy in Ireland	Ireland	Yibing Wang,Ziao Wang
Voice Track	China University of Petroleum-Beijing	Climate Change and Low-Carbon Economy in Saudi Arabia	China	Qin Li, Sara Girmay, Hanyue Liu, Jincai Liu
Voice Track	China University of Petroleum (UPC)	Energy Conservation and Emission reduction	China	Huidi Wu, Siqi Huang, Shuqi Yu
Voice Track	China Petroleum	The light	China	Boyi Miao

Competing Track	Institution	Title of Entry	Nationality / Country	Member(s)
	Engineering & Construction Corp			
Voice Track	中油国际-土库曼斯坦公司	A shared Future	Turkmenistan	Hao Xu, Marksat, Xin Zhang
Voice Track	Beijing Jiaotong University	South African efforts to achieving Clean Energy	South Africa	Venolia Ncokazi, Vuyo Edwin Ncokazi

*Listed in no particular order

Best Idea Award

Competing Track	Institution	Title of Entry	Nationality / Country	Member(s)
Voice track	SINOPEC International Petroleum Exploration and Production Corporation	Team Next_Bet on SIPC	China	Xinran He, Boyang Du

*Best Organization Award: to be announced