



**中国科学院大学**  
University of Chinese Academy of Sciences



**China Data Analysis  
& Research Hub**

## **Innovation and Green Finance**

### **Gearing Capital, Corporates and Science towards a global Circular Economy**

**30 June 2022**

**WEBINAR**

**This webinar is jointly organized by  
China Data Analysis and Research Hub & University of Chinese Academy of Sciences**



## An Era of Renaissance and Rejuvenation

Against the backdrop of a multitude of crises humankind longs for a strong vision, mission and operational goals to work on the further evolutionary development of its civilisation in the anthropocene – the novel age of humankind. As John F. Kennedy once put it in his famous speech at Rice University in front of thousands of scholars and students in 1962: ‘We are not going to the moon because it is easy but because it is hard!’. This time in history however it is even harder.

Ahead of us in the coming decades lies a bold voyage to ourselves – the final frontier being the challenge of humankind consciously realigning its further development to come within the boundaries of our planet’s global ecosystem and its rules as science teaches us. And ahead of us lies a time demanding for a rethinking in our innovation-prowess and human collective learning process. In former centuries the driving force behind mans innovation and learning was the question: What are we able to achieve? The next step of human evolution in the 21st century and beyond asks for a novel stance on innovation and learning: What should we achieve? Given that our species of Homo sapiens proved to reach almost any given goal throughout non-recorded and recorded history – from learning to fly, elongating human life span to sending spacecraft beyond the brink of our solar system and looking back on our home planet – it is about becoming aware of our planet itself, developing a planetary patriotism and caring for the ecosystem’s beauty and earths marvels with a notion of planetary stewardship.

We have to work on the traditional core of our *conditio humana* which we than include into a novel narrative for development in the coming decades. This time in history the mission can only be accomplished if we leave national borders behind us and craft a powerful, resilient and innovative global partnership of all peoples. On a more pragmatic note, this means concentrating our global problem solving and innovation power together with the global financial resources of humankind on novel, advanced technologies and social innovation. This also means: expanding our ability and efforts to shrink our resource and energy use for any given product, process and human activity to the maximum.



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On both sides of the Eurasian continent leaders in Europe and China these days embrace the notion of a renaissance and rejuvenation. At its core is a common understanding that innovation, green finance and a circular economy compose a joint cornerstone of future success. The University of Chinese Academy of Sciences (UCAS) integrates the philosophy of ethics, responsibility and sustainability into its research, teaching and training activities. As a first-class think tank in China, the School of Economics and Management (SEM) at UCAS is actively engaged in the research on innovation, green finance and sustainability, and has built up a strong research team in this area in domestic and world-wide. In addition, SEM issues policy-oriented research reports and offering policy recommendations to the central government regularly every year, and has gained extensive social impact.

This joint webinar of China Data Analysis and Research Hub (CDA) and UCAS therefore takes stock of achievements, innovative technologies and investment strategies of some of the world's leading financial organisations and multinational, green enterprises. These contributions and many others to come are a powerful sign for strengthening Sino-European collaboration against the backdrop of a global community of common destiny in the 21st century.

HONG Yongmiao  
Dean and Professor, UCAS SEM  
Member, Chinese Academy of Sciences  
Member, CDA Scientific Advisory Board

Alexander G. WELZL  
President,  
China Data Analysis  
and Research Hub (CDA)



## Program

**Date:** Thursday, 30 June 2022

**Time:** from 8:30 am CEST (Brussels) / 2:30 pm CST (Beijing)  
to 12:30 pm CEST (Brussels) / 6:30 pm CST (Beijing)

**Venue:** online event upon registration via zoom

Join the workshop: <https://us02web.zoom.us/j/86841352918>

Zoom meeting ID: 868 4135 2918

**Convenors:** **HONG Yongmiao**, Dean of and Professor at School of Economics and Management, University of Chinese Academy of Sciences (UCAS SEM, Beijing, PR China), Member of Chinese Academy of Sciences, Member of the CDA Scientific Advisory Board

**Alexander G. WELZL**, President and Co-Founder of China Data Analysis and Research Hub (CDA)

### Main research questions/topics of this webinar are:

1. How is the transformation to a circular economy implemented in the financial industry and corporations in Europe and China?
2. What is the status-quo of framework conditions for green finance in infrastructure and high-tech investments at the time being?
3. How does green innovation drive the transition of economies and industries?

## Matinée Session

**Time:** from 8:30 am CEST (Brussels) / 2:30 pm CST (Beijing)  
to approx. 12:30 am · / 6:30 pm CST (Beijing)

### **Time in CEST Brussels (CST Beijing: plus 6 hours)**

**8:30 (14:30) Welcome Address by UCAS**

*HONG Yongmiao, Dean of School of Economics and Management, University of Chinese Academy of Sciences (UCAS SEM), Beijing, P.R. China*

**8:35 (14:35) Welcome Address by CDA**

*Alexander G. WELZL, President of CDA*



- 8:40 (14:40) KEYNOTE: Financing Infrastructure for Tomorrow: AIIB's Approaches and Practices**  
*ZHANG Xing, Senior Climate Policy Specialist, Asian Infrastructure Investment Bank, Beijing, P.R. China*
- 9:05 (15:05) International Cooperation on Global Climate Governance and Low Carbon Transformation**  
*TANG Dingding, Executive Committee Member and Academic Member of the International Finance Forum (IFF); Chairman, Green Trade and Investment Committee of China Association of Environmental Science (CAES), Beijing, P.R. China*
- 9:30 (15:30) Green Windows of Opportunity for Latecomer Development**  
*Roberta RABELLOTTI, Professor of Economics at the Department of Political and Social Science, University of Pavia, Italy*
- 9:55 (15:55) Green Finance and ESG Information Disclosure of China Construction Bank**  
*ZOU Xinju, Chief Manager of ESG and IR, China Construction Bank, Beijing, P.R. China*
- 10:20 (16:20) The EIB Group Climate Bank Roadmap 2021-2025**  
*Auvo KAIKKONEN, Minister Counsellor, Head of Regional Representation (China and Mongolia), European Investment Bank, Delegation of the European Union, Beijing, P.R. China*
- 10:45 (16:45) Implementing the European Green Deal and the Circular Economy Action Plan – the Role of Intesa Sanpaolo**  
*Anna MONTICELLI, Head of Circular Economy Desk, Intesa Sanpaolo Innovation Center, Intesa Sanpaolo, Turin, Italy*
- 11:10 (17:10) The Contribution of Wind Power Green Finance to Achieve Carbon Neutrality**  
*WU Kai, Vice President of Gold Wind Group, Beijing, P.R. China*
- 11:35 (17:35) Raising Efficiency of Existing and Future Wind Farms - European Digital Innovations to Enhance Global Wind Power Performance for Benefit of Owners and Investors**  
*Poul Anker LUEBKER, CTO of VENTUS GROUP, Denmark and Austria*
- 12:00 (18:00) Towards a Circular Economy – Increasing the Role of Green Finance and Innovation in APEC Cities**  
*Steivan DEFILLA, President Assistant, Professor, APEC Sustainable Energy Center, Tianjin, P.R. China*
- 12:25 (18:25) Closing remarks of the Organizers**
- 12:30 (18:30) Lunch Break**



## The Speakers and Convenors



**ZHANG Xing, Senior Climate Policy Specialist of the Asian Infrastructure Investment Bank (AIIB), Beijing, P.R. China.**

He is also the Sector Lead of Climate team, responsible for providing both policy and operational support to achieve the Bank's green and climate commitment. Before joining AIIB, he used to work in the World Bank Group and the UNFCCC Climate Secretariat on scaling up climate finance and forging global climate deals. The Asian Infrastructure Investment Bank (AIIB) is a multilateral development bank. The bank currently has 105 members from around the world. By investing in sustainable infrastructure, AIIB unlocks new capital, new technologies and new ways in which to address climate change and to connect Asia, and the world.



**TANG Dingding, Executive Committee Member and Academic Member of the International Finance Forum (IFF), Beijing, P.R. China.**

Prof. Tang is a Distinguished Adjacent Professor at the Institute of Climate Change and Sustainable Development of Tsinghua University. He is Honorary Chairman of the Green Trade and Investment Committee of the Chinese Association of Environmental Sciences (CAES), Senior Environment Advisor, Asian Infrastructure Investment Bank (AIIB) and Senior Advisor for the World Resource Institute (WRI). Tang Dingding served as Director-General of the International Cooperation Department of the Ministry of Environmental Protection (MEP) of China and Chair of the Compliance Review Panel (CRP) of the Asian Development Bank (ADB).



**Roberta RABELLOTTI, Professor of Economics at the Department of Political and Social Science, University of Pavia, Italy.**

Prof. RabelloTTi has widely published in international outlets on issues related with innovation, clusters and global value chains with a special focus on China and Asia. She has provided academic advice to, amongst others, the European Commission, the IADB, ADB, OECD, UNIDO, UN-CEPAL, UNCTAD and various national and regional governments. She graduated in Economics at Università Bocconi, got a Master of Science in Development Economics at the University of Oxford and a Doctor of Philosophy at the Institute of Development Studies, University of Sussex.



**ZOU Xinju, Chief Manager of ESG and IR of China Construction Bank (CCB), Beijing, P.R. China.**

Ms. Zou is highly experienced in international financial cooperation. She has long been engaged in the development of green finance in commercial banks with new financial practice and ESG information disclosure of CCB. Based upon assets as reported, CCB ranked second in the world as listed in the April 2021 S&P Global Market Intelligence report of the world's 100 largest banks. Since 2018, China Construction Bank Corporation issued five green bonds, one sustainability bond and one sustainability-linked bond.



**Auvo KAIKKONEN, Minister Counsellor, Head of Regional Representation – China and Mongolia, European Investment Bank, Delegation of the European Union, Beijing, P.R. China.**

Since September 2021 Dr. Auvo Kaikkonen is the Head of Representation (China and Mongolia) of the European Investment Bank (EIB). In this role he coordinates the activities and policy objectives of the EIB within the region in close collaboration with the EU delegation and local authorities. Before that Mr Kaikkonen acted as EIB's Senior Life Science Specialist located in the banks headquarter in Luxembourg since 2016 providing his expertise amongst others for life science projects within the EU, Africa and Asia.



**Anna MONTICELLI, Head of Circular Economy Desk, Intesa Sanpaolo Innovation Center, Intesa Sanpaolo, Turin, Italy.**

Anna Monticelli has been working at Intesa Sanpaolo Innovation Center, a wholly owned Intesa Sanpaolo Group company focused on innovation since 2015. As Head of the Circular Economy Desk she provides specialist support in the analysis of innovative projects of companies and start-ups as well as promotes the development of new products and services in the Circular Economy area. Previously she worked in the area of Investor Relations and in the field of CSR (focus on environmental sustainability of large infrastructure projects and human rights). She is currently engaged in a PhD in Innovation and Circular Economy.



**WU Kai, Vice President of Gold Wind Group, Beijing, P.R. China.**

Wu Kai is Vice Chairman of the National Technical Committee for Standardization of Wind Machinery in P.R. China. He is Vice Chairman of Chinese Wind Energy Association as well as Vice Chairman of China Electrical Equipment Industry Association. Wu Kai is also Member of the Global Wind Energy Council. Gold Wind Group today is the world's second largest wind turbine manufacturer. Goldwind's business network covers 32 countries across six continents, with eight R&D centers worldwide. The company has about 10,000 employees worldwide, including nearly 3,000 research and development (R&D) and technical personnel.



**Poul Anker LUEBKER, CTO of VENTUS GROUP, Denmark and Austria.**

Poul Anker Luebker is Co-founder and CTO in Ventus Group and former Executive Vice President at NORDTANK, NEG Micon (now VESTAS & MHIVESTAS – today the world’s leading wind power corporation). Poul Anker is active in the global Wind power business for over 28 years. In this time he held a multitude of CEO and Non-executive board positions (as Chairman or Member of the Board) in countries of the European Union (including UK) as well as in Switzerland, Canada, USA, India and China. Now he is specialized in businesses for optimization of ROI and reducing risk on existing and future wind farms and wind turbines.



**Steivan DEFILLA, President Assistant, Professor, APEC Sustainable Energy Center, Tianjin, P.R. China.**

Steivan Defilla, Swiss national is a visiting Professor of school of architecture, Tianjin University and President Assistant of APEC Sustainable Energy Center from 2018. He is the former (2010 - 2016) Director of the Energy Charter, an intergovernmental energy organization headquartered in Brussels. As Senior Energy Advisor to the Swiss Economics Minister (1999 - 2010) he contributed to the reform of the Swiss electricity sector, the Swiss infrastructure strategy and Swiss foreign energy policy. He also attended Governing Board meetings of the IEA and chaired the multilateral negotiations at the Energy Charter.



**HONG Yongmiao, Dean and Professor of School of Economics and Management, University of Chinese Academy of Sciences (UCAS SEM, Beijing, P.R. China), Member of Chinese Academy of Sciences, Member of the CDA Scientific Advisory Board**

Prof. Hong is a distinguished research fellow at Academy of Mathematics and Systems Science and Center for Forecasting Science, Chinese Academy of Sciences (CAS), and a special-term professor at UCAS. He is a Fellow of The World Academy of Sciences. Before he joined CAS and UCAS, Professor Hong was the Ernest S. Liu Professor of Economics and International Studies and a Professor of Statistics at the Center of Applied Mathematics at Cornell University in the United States



**Alexander G. WELZL, President of China Data Analysis and Research Hub (CDA), Vienna, Austria.**

Alex is the Founding President of CDA. He has a professional and scientific background in economic research, financial markets, innovation and entrepreneurship as well as sustainability. Until 2020 he taught the first university course in Europe focusing on the National Innovation System of China at the University of Applied Sciences Technikum Wien. He was guest researcher/ visiting fellow at European and Chinese universities. From 2006 – 2013 he represented the European capital market worldwide as European Coordinator/Chairman of EFFAS CIC, Frankfurt a. Main, Germany. Alex holds an MSc in natural sciences from University of Vienna.





## The Organising Institutions

Located in Beijing, **University of Chinese Academy of Sciences (UCAS)** was established with the approval of Ministry of Education of the People's Republic of China (PRC). UCAS includes campuses located at four locations (Yuquanlu, Zhongguancun, the Olympic Village, and Yanqi Lake). The university is administered and managed by Chinese Academy of Sciences (CAS), established in 1949. Comprising more than 100 institutes, CAS is China's highest academic institution in the Natural Sciences, the highest-ranking consulting institution in science and technology, the preeminent research and development center for the Natural Sciences and high technology, and the most important base in the training of advanced scientific talents. UCAS espouses the philosophy of "The Fusion of Scientific Research and Teaching" as its basic system of education. The fusion of UCAS and CAS institutes in terms of management, education, faculty, training, and scientific research is fully supported and facilitated by and under the auspices of CAS. As of August, 2020, UCAS had 57 teaching and research institutes. UCAS has also established 16 affiliated hospitals. At that time UCAS had 3,090 professors, 11,257 supervisors, including 176 CAS Members and 6,786 doctoral supervisors from three national research centers (or labs), 73 national key labs, 189 CAS key labs, 29 national engineering research centers (labs) and various national frontier scientific research projects. As of December 2019, UCAS had over 51,700 postgraduate students enrolled, 52% of which are doctoral students; 1,625 undergraduates; and 1,734 international students from 96 countries, of whom 1,055 were doctoral students.

<https://englishucas.ac.cn/>

The **School of Economics and Management of the University of Chinese Academy of Sciences (UCAS SEM)**, formerly known as the Management department founded in 1986, is the first school established at GUCAS (which changed her name to UCAS in 2012) in 2001. The renowned economist Siwei Cheng served as the first dean of the school. At present, Professor Yongmiao Hong is the dean of the school. The school has always been striving to be a first-class research-oriented school with significant international influence. One of the biggest advantages and special features of the School is interdisciplinary education which benefits from the integration of schools and institutes in CAS's system.

<https://mscas-enucas.ac.cn/>

The **China Data Analysis and Research Hub (CDA)** is an independent, non-partisan and nonprofit Sino-European think-tank with a global outreach based in Vienna, Austria. Following its motto "Ex Sapiencia Lux" CDA strives to contribute to a peaceful bridge-building between Europe (the West) and China. With systemic and systematic research CDA supports evidence-based decision processes in the public domain and in the private sector. As an international hub of experts from academia, corporations and governance CDA's focus is on performing academic studies, organising international conferences, webinars and expert events as well as facilitating and contributing to bi-/multilateral projects between Europe and China. Against the backdrop of the Grand Challenges of mankind addressed in the UN Sustainable Development Goals (SDGs) CDAs international network provides its expertise to make a planetary patriotism and geo-innovation a reality.

<https://www.cda-hub.eu>