

CAETS Communications Committee quarterly meeting

Global Network, Local Innovation

WU Siegfried Zhiqiang

Tongji University

CAE, Acatech, IVA

WUPEN



20231005

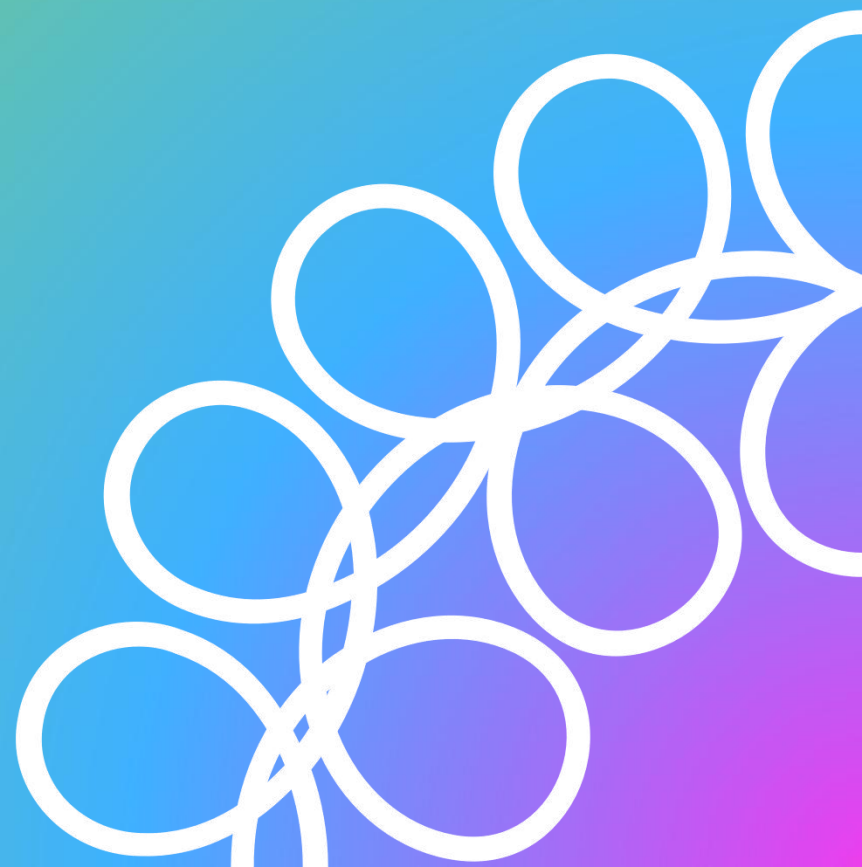


台州梦創園

TAIZHOU INNOVATION PARK

以梦起源，以创革新

LOCAL
INNOVATION

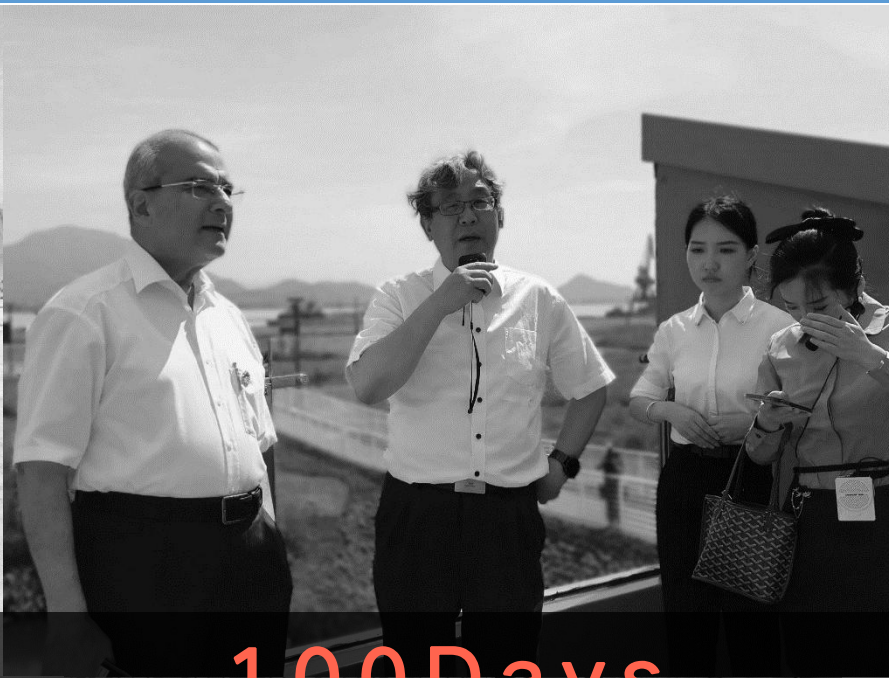




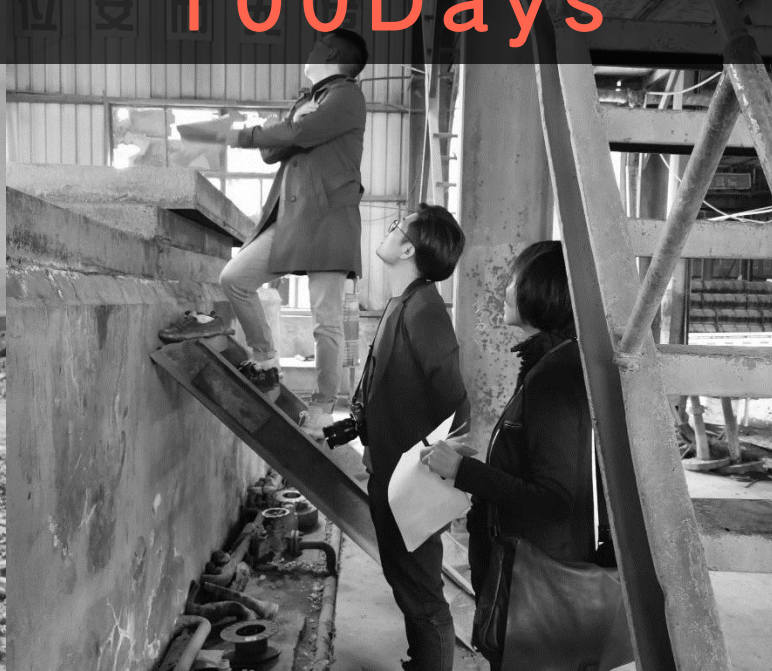
2020


Cement factory, sand, coal transport terminal
Gas emissions from biological pharmaceutical plants
Pollution of water and soil by former chemical fertilizer plant
Mechanical leakage and oil contamination
Ammonia nitrogen, phosphorus, sulfur pollution
And a small amount of heavy metal pollution

Ecological
innovation



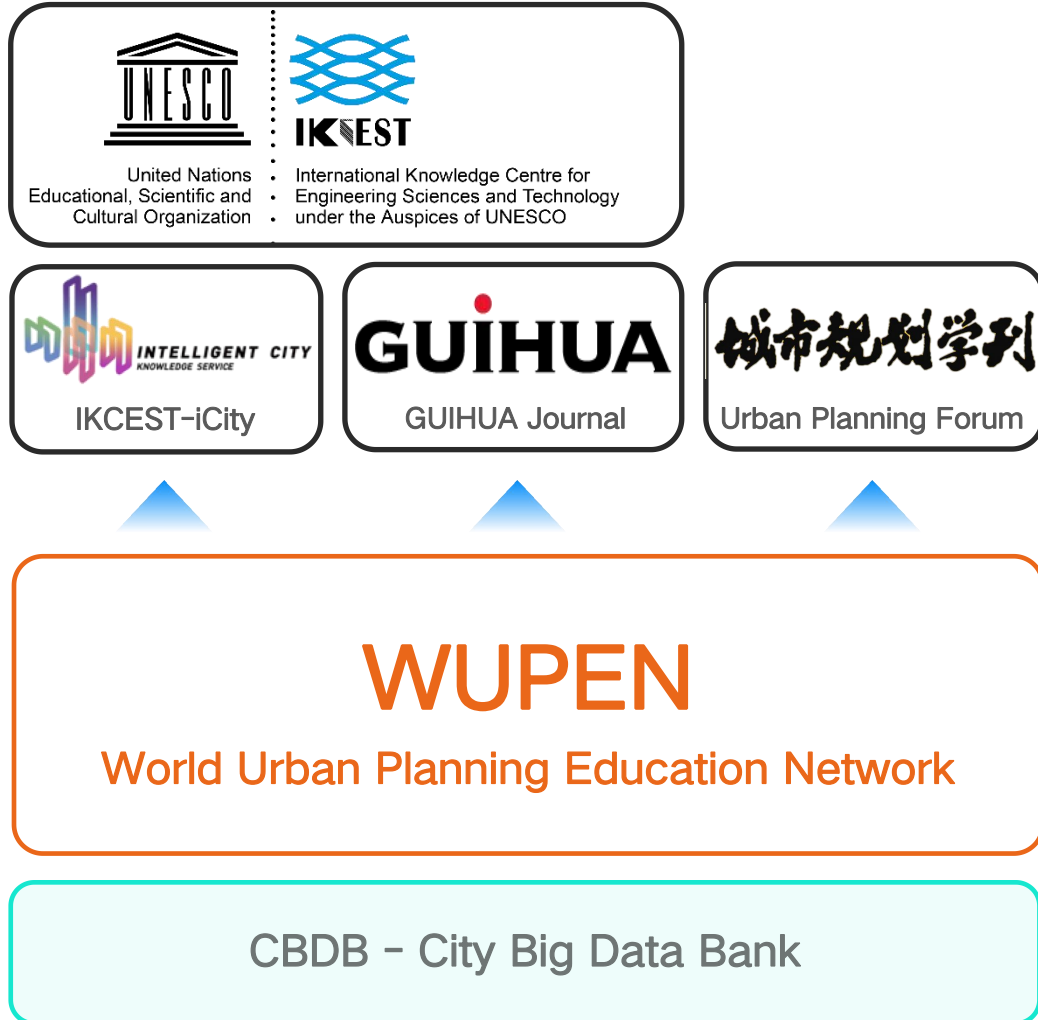
100Days





April 2021

ENABLING CONTINUOUS INNOVATION in Urban Planning Around the World



WUPEN (World Urban Planning Education Network) is an international education federation composed of excellent planning institutions in the world. Based on the continuous innovation in the field of urban planning and design education, the website, WUPEN, and the world city database, CBDB, constitute the intelligent website of the world urban innovation planning and design education practice. WUPEN supports ICITY-the intelligent city online platform of the Chinese Academy of Engineering and UNESCO, GPEAN-the website of the global federation of planning and education, Guihua magazine, the global green campus website, and the Yangtze River Delta intelligent planning platform. Let's join hands to contribute to the smart society, interact with the ternary world of material, society, and digital. Let's make a smart life better!

Based on continuous innovation in the field of urban planning and design education, WUPEN has built an intelligent platform for the world's urban planning and design education practice.

Background: Innovative Learners Facing BOTH OPPORTUNITIES & CHALLENGES

College is a place where everyone can get help and support when they encounter difficulties.

College should serve career development and provide opportunities for innovation.

In the future, there will be colleges around everyone,
and even a mobile phone or a watch can realize the role of universities.



Integrate Resources, Promote Innovation & Build Networks

Mission 1



To promote students, faculty and all colleges to **Build Consensus** on common challenges to human destiny and the lives of urban and rural residents arising from climate change, public health and natural disasters.

Mission 2



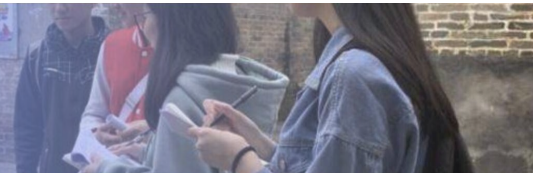
Promote the exchange and sharing of **Educational Resources** among colleges through the international network, especially focusing on urban subject education in developing regions.

Mission 3



Promote **Cooperation & Innovation** among institutions, bring together the latest academic ideas from around the world, exchange new technologies and methods, and lead the continuous innovation and development of disciplines.

Mission 4



Break the existing barriers of differences, realize cross-regional urban planning and design practice education, and improve the **Practical Ability** of teachers and students and disciplines in the practice of creating a better life.

Mission 5



Establish a **Interaction Network** between teachers and students, across teaching and practice, across online and offline, and organize and promote the interactive network of global education.

2001

1st WPSC

Issue and sign
the Shanghai Statement

2006

2nd WPSC
Mexico City

2011

3rd WPSC
Perth

2016

4th WPSC
Rio de Janeiro

2021

20th
CONFERENCE
Shanghai



Jul. 2001

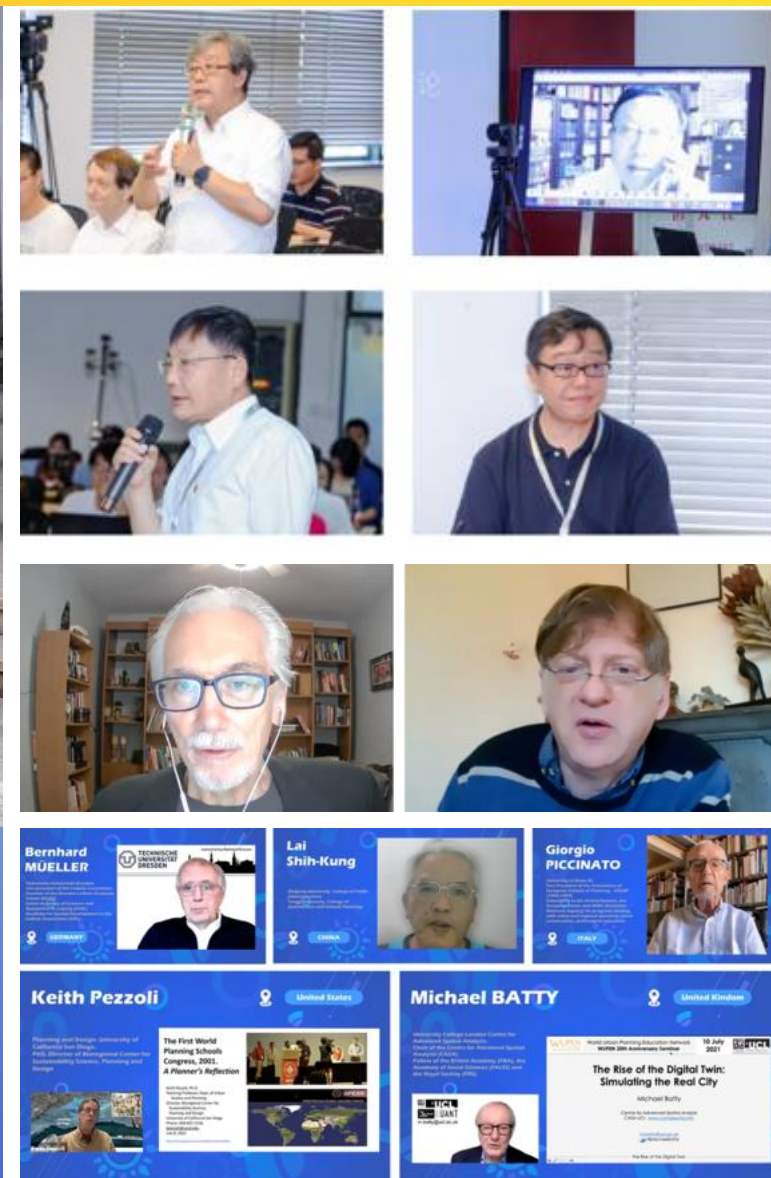
In July 2001, 1st WPSC attracted more than 700 papers, more than 800 planning schools and more than 900 scholars from more than 50 countries on 6 continents to think about urban issues at the same time and in the same place for the first time. It has also become an important conference for urban planning institutions around the world to achieve cross-regional, cross-cultural and periodic academic conference.

The WPSC has decided to hold global events every five years, in Mexico City (2006), Perth (2011) and Rio de Janeiro (2016).



Jul. 2021

In July 2021, the 20th anniversary seminar of WPSC was held in Shanghai. Affected by the COVID-19 epidemic, international scholars attended the conference online. The conference reviewed the extremely important impact of the 2001 Conference on the development of global planning education and the academic career of global planning scholars. At the meeting, the Constitution of the World Urban Planning Education Network was adopted, and the Bureau of WUPEN 2022 was elected.



Recent 2 Years of Development

2021-2023

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WU Zhiqiang

VICE-CHAIRMAN



CAE
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Urban Planning
Society of China
SHI Nan



Shenyang
architecture
University
SHI Tiemao



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Technology
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BI Linglan



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of Technology
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Tianjing university
CHEN Tian



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University of the
Witwatersrand
Philip HARRISON



Zhejiang university
HUA Chen



Huazhong University
of Science and Technology
Huang Yaping



University of
Illinois at
Chicago
Charles HOCH



Xi 'an University of
Architecture and
Technology
LIU Kecheng



Technische
Universität Dresden
Bernhard MÜELLER



Tongji university
PENG Zhenwei



University of Rome
III
Giorgio PICCINATO



University of
California San
Diego
Keith PEZZOLI



Tongji university
TANG Zilai



Wuhan university
WEI Wei



Suzhou University of
Science and
Technology
YU Xinyu



Zhongshan
university
YUAN Yuan



Shenyang Urban planning
and Design Institute
Zhang Xiaoyun

WUPEN COMMITTEE

Chairman

Vice-Chairman
6

Praesidium
19

report

lead

WUPEN Executive office

Secretary

Executive Office

Project
team

Project
team

Project
team

Project
team

guide

WUPEN YOUTH CLUB

CO-
CHAIRMAN
7

YOUTH
VOLUNTEERS

国际工程与技术科学院理事会
International Council of Academies of Engineering and Technological Sciences

联合国人居署
The United Nations Human Settlements Program

联合国教科文组织·防灾减灾服务中心
Disaster Risk Reduction Knowledge Service

中国国际贸易促进委员会
China Council for the Promotion of International Trade



中国工程院
Chinese Academy of Engineering

巴塞罗那·世界智慧城市大会
Smart City Expo World Congress

联合国教科文组织·国际创意与可持续发展中心
International Center for Creativity and Sustainable Development

中国城市规划学会
Urban Planning Society of China



德国国家工程院
ACATECH – Deutsche Akademie der Technikwissenschaften

中德开放在线学习平台
Chinese-german open online platform

国际绿色建筑联盟
International Green Building Alliance

城市规划新技术应用学术委员会
Urban Planning New Technology Application Academic Committee



瑞典皇家工程科学院
The Royal Swedish Academy of Sciences

联合国教科文组织亚太世界遗产中心
The World Heritage Institute of Training and Research

中国建筑节能协会
China Association of Building Energy Efficiency

上海市信息网络安全管理协会
Shanghai Information Network Security Administration Association



联合国工业发展组织
United Nations Industrial Development Organization

联合国教科文组织丝路科技知识服务
Silk Road Sciences and Technology Knowledge Service

中国城市科学研究会
Chinese society for urban studies

上海智慧城市发展研究院
Shanghai Smart City Research Institute





WU Zhiqiang

Member of Chinese Academy of Engineering
Member of German Academy of Science and Engineering
Member of Royal Swedish Academy of Engineering Sciences



Xiangshi Ren
教授, Professor



YANG Baoming
教授, Professor



YANG Dongyuan
教授, Professor



YANG Fan
副教授, Associate Professor



XIONG Wei



Xi Guangliang



Xi Wenqin



Xia Huaxia



TONG Xiaohua
教授, Professor



Tuula Teeri
教授, Professor



Victor Margolin
(1941-2019)



WANG Haofeng
教授, Professor



WANG Jinnan



YANG Zhifeng



YE Yu
副教授, Associate Professor



YE Yumin
教授, Professor



Ken Friedman
教授, Professor



LEI Zhendong
教授, Professor



LENG Hong
教授, Professor



LI Chi
教授, Professor



LI Heping
教授, Professor



HU Jie
教授, Professor



HU Jingling



HU Wei



HUA Chen
教授, Professor



HUANG Xinyuan
教授, Professor



LIN Conghua
教授, Professor



LIN Jian
教授, Professor



LIU Chao
高级规划师, Senior Planner



LIU Jiaping
教授, Professor



LIU Jiaping
教授, Professor



MAO Weiying



MIAO Changwen



Manuel Castells
教授, Professor



Marc Barthelemy
教授, Professor



Marina Alberti



Anthony YEH
教授, Professor



Aoyama/Shuhei



BI Linglan
教授, Professor



Bernd SEEGERS
教授, Professor



Bernhard MUELLER
教授, Professor



HUANG Yaping
教授, Professor



JI Tie
教授, Professor



JIANG Yi
教授, Professor



Jongsawas
Chongwatpol



Kayvan Karimi
教授, Professor



LIU Jiayan
副教授, Associate Professor



LIU Wei
教授, Professor



LIU Yungang
教授, Professor



LIU Zhaohui



LONG Ying



YANG Jianqiang



YANG Jiawen
教授, Professor



YANG Liu
教授, Professor



YANG Peifeng
教授, Professor



YANG Xinhai
教授, Professor



ZENG Peng
教授, Professor



ZHAI Guofang
教授, Professor



ZHAN Qingming
教授, Professor



ZHANG Aiping
教授, Professor



SONG Xiewei
教授, Professor



SUN Xiaohua
教授, Professor



SUN Yimin
教授, Professor



Santo Fortunato
教授, Professor



Stephen
Goldsmith
教授, Professor



TANG Zijai
教授, Professor



WANG Shifu
教授, Professor



WANG Weiqiang
教授, Professor



WU Xiaohua
教授, Professor



WU Zhiqiang
教授, Professor



Wu Hequan



ZHU Hehua
教授, Professor



ZHU Jieming
教授, Professor



ZHU Wei
研究员, Researcher



ZHUO Jian
教授, Professor



廖京燕



SU Yunsheng
副教授, Associate Professor



SUN Anjun



SUN Cheng
教授, Professor



SUN Shiwen
教授, Professor



SUN Shouqian
教授, Professor



CHEN Jie
教授, Professor



CHEN Jun
教授, Professor



CHEN Youchuan
教授, Professor



CHENG Taining



CHENG Yao
副教授, Associate Professor



CHU Jinlong
教授, Professor



CUI Kai
教授, Professor



Cees de Bont
教授, Professor



DING Yuan



David Durling



Diaomi
教授, Professor



FENG Fan
政府官员, Public Official



GAO Qi
高级规划师, Senior Planner



GAO Wen
教授, Professor



GUO Renzhong
教授, Professor



HE Jingfang
教授, Professor



HE Zhengguo



HU Chunhong
教授, Professor



LI Qingqian
教授, Professor



LI Xiangning
教授, Professor



LIANG Jing
教授, Professor



LUO Pingjia
教授, Professor



LUO Xiaolong
教授, Professor



LV Xilin
教授, Professor



Meredith Davis



Michael Betty
教授, Professor



NIU Xinqiang



Paul Knox
教授, Professor



Peter Scupelli



QIN Bo
教授, Professor



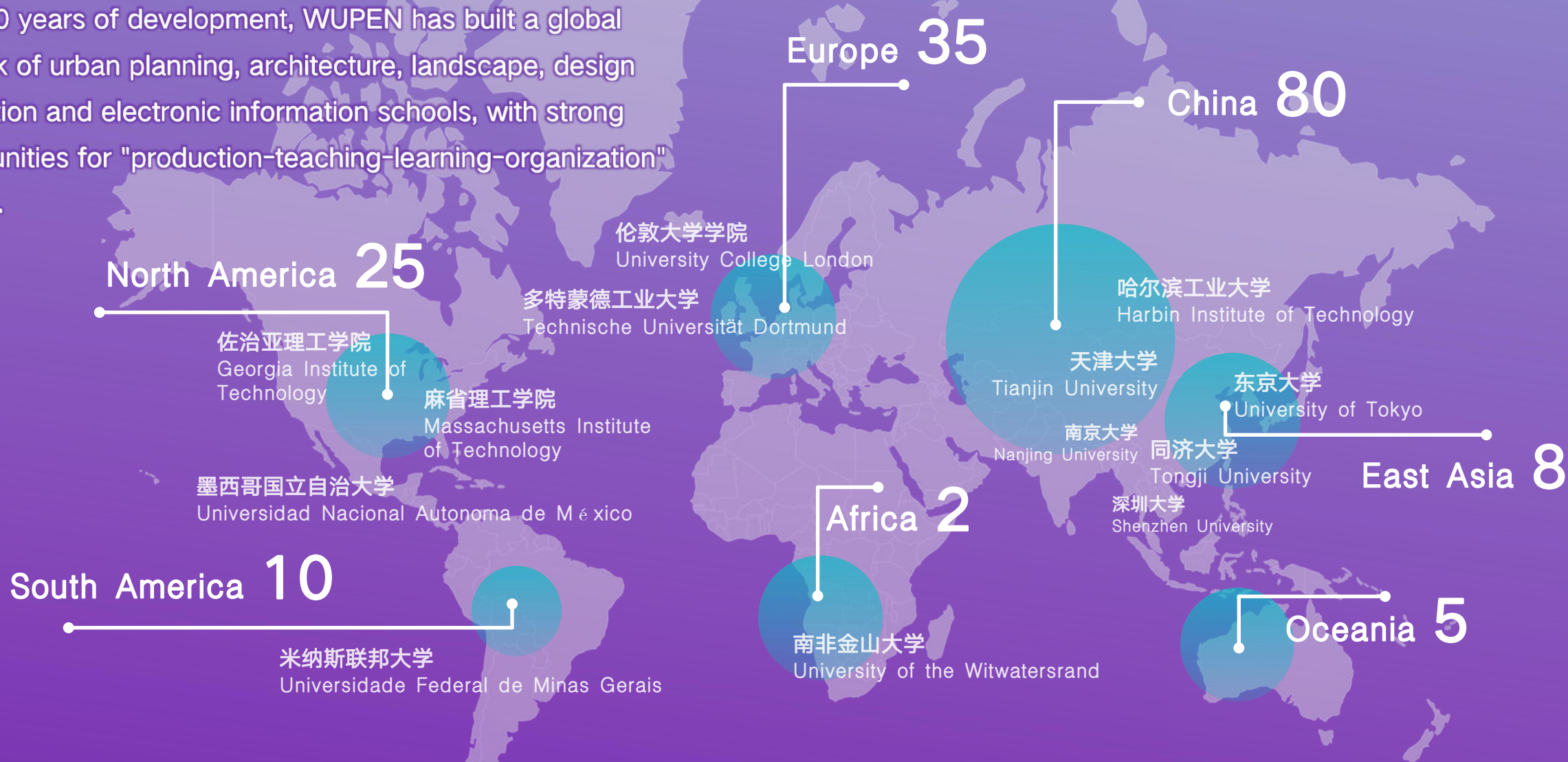
QIU Baoxing

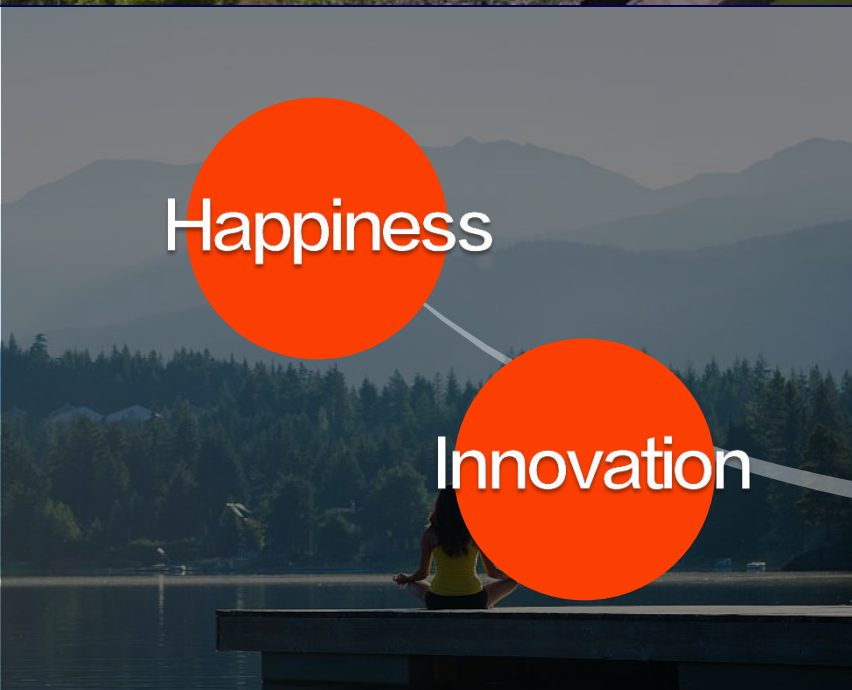
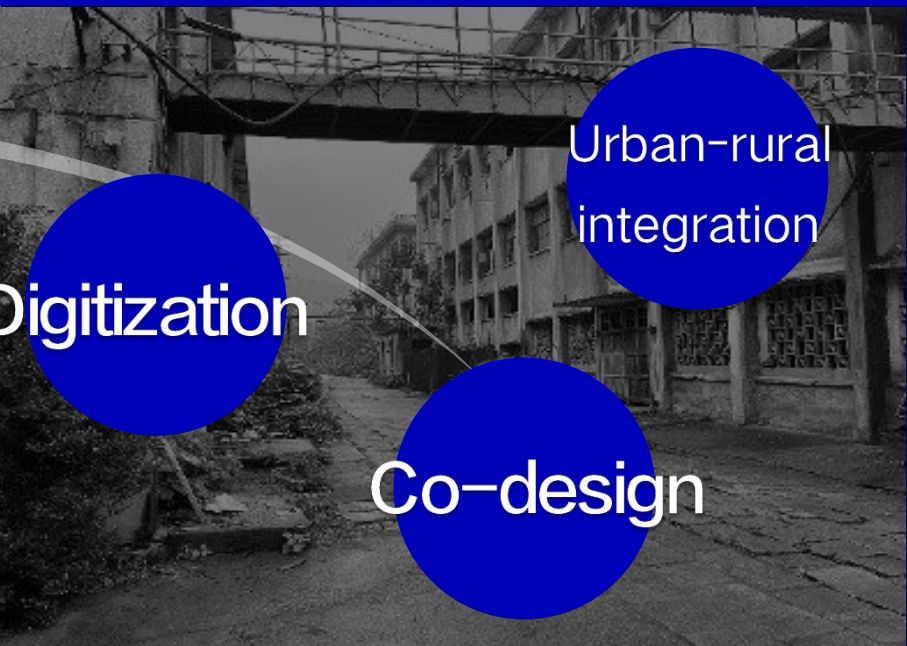


Rattan Lal
教授, Professor

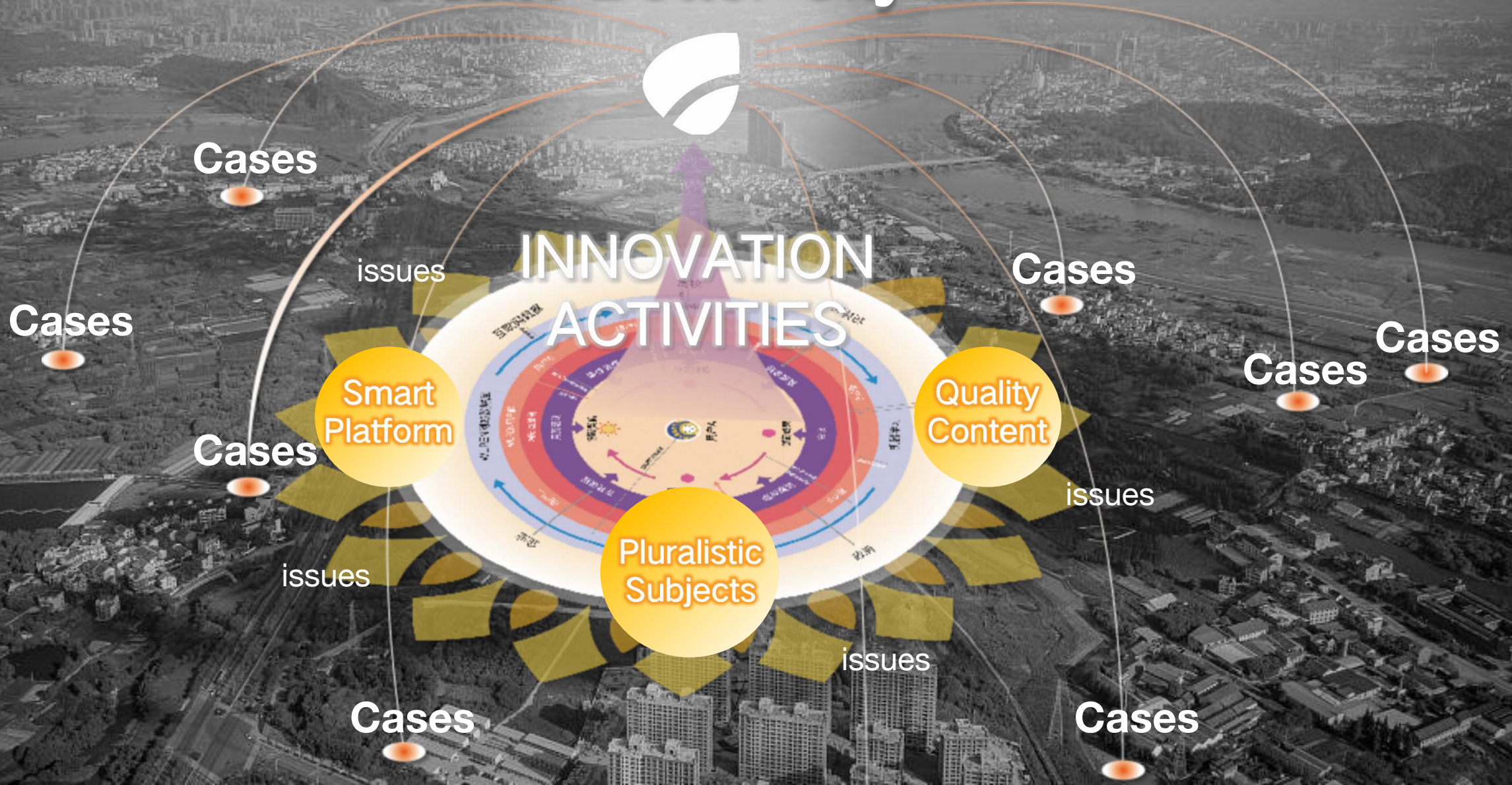
| 160+ Global network of LEADING UNIVERSITIES

After 20 years of development, WUPEN has built a global network of urban planning, architecture, landscape, design interaction and electronic information schools, with strong opportunities for "production-teaching-learning-organization" linkage.





Support Future Innovation Stars Create Better City Life



PERSONALITY

INNOVATION
WITHOUT BORDER

1. Invite global academicians to give lectures



Personality

Knowledge ↔ Ability

KNOWLEDGE

INNOVATION
WITHOUT BORDER

2. Provide 1700+ courses

WUPEN Global Scholar

WUPEN Global Scholar Program is designated to build and strengthen communication among global planning communities through their outstanding scholars and practitioners. It has the vision to lead the transition of our planning education communities towards the future through planning theories and practices.

WUPEN LECTURE

WUPEN-Lecture, as WUPEN's global planning educational knowledge sharing service, is dedicated to providing information related to intelligent city construction for the general public and students, scholars, and experts in the field of engineering.

At present, the knowledge-sharing section with urban planning education as the main content has been established. With the development of network technology, video courses of urban planning education are used to conduct network teaching and knowledge dissemination for urban planning education courses, to realize the network and platform teaching of urban planning education knowledge.



3. Millions of **students** participate in innovations



Better City

Cities make life better, and innovators give back to urban development with better visionary solutions. The **WUPEN platform** brings together the world's innovative wisdom by pooling global knowledge resources and lifting up young rising stars of the future, and organising competitions is a typical way for **WUPEN** to activate this innovation ecology and empower urban development. Let's join hands to contribute to the smart society, interact with the ternary world of material, society, and digital. Let's make better city, better life!

Competitions

In 2022, **WUPEN** has made outstanding progress in organising competitions, mainly divided into several categories: city creation competitions, covering the development aspirations and regional characteristics of cities such as **Fuzhou, Feixi and Quzhou**, collecting thousands of urban design, architectural design and cultural and creative design proposals, extending infinite possibilities for urban development. Student competitions, the **WUPEN iCity** international competition for student assignments has reached a new high, with a total of The **WUPE-NiCity** student assignment competition has reached a new high, with over 1,500 entries collected, connecting with design courses in universities around the world to discuss the hot topics of the times; the cutting-edge thematic competitions, the Metaverse Design and Innovation Competition and the Carbon Neutral Future Life Innovation and Design International Competition have led to thinking and discussion on the trends of the times and the formation of a youth innovation tribe..



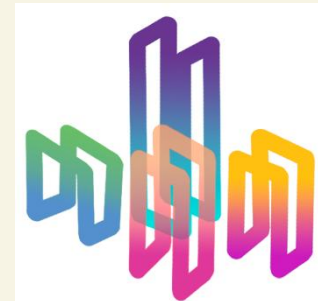
INNOVATION INNOVATION WITHOUT **BORDER**

4. Incubating **new academicians** and experts

Scientific Education System **Established**

Spanning space and time, the physical world, and the digital world, from individual happiness to social well-being, a multi-dimensional urban planning education framework is established, covering eight systems including ecological civilization, social harmony, and digital intelligence.

In the course, we provide the public, students, scholars, and experts with cutting-edge ideas and innovative practice cases about smart city construction. Above 500 important courses of planning education have been included, with more than a million clicks.



UNESCO - + IKCEST-iCity

iCity is a global intelligent city knowledge service platform built by UNESCO and Chinese Academy of Engineering relying on Tongji University. As one of the sub centers of the International Knowledge Centre for Engineering Sciences and Technology (IKCEST) of the UNESCO, we are committed to promoting innovation in the field of smart city research and practice, providing world-class smart city knowledge services to researchers in the field of urban research, practitioners in urban construction, and the public.

What does Cityla do?

A comprehensive and international platform for standardized city evaluation, knowledge sharing, promoting Sustainable Development strategy, and supporting the future development of intelligent, resilient and prosperous cities.

July 2021



January 2023

启航
2023

中央广播电视总台
跨年晚会



启航

2023

中央广播电视总台
跨年晚会

1. Invite **global academicians**
to give lectures



2. Providing more than
1700+ courses



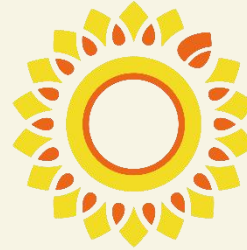
3. Millions of **students**
participate in innovations



4. Incubating **new**
academicians and experts



WUPEN
WORLD URBAN PLANNING
EDUCATION NETWORK



**INNOVATION
WITHOUT **BORDER****

Scan the QR code to explore the WUPEN Innovation World

