CIUC 2013
ANNUAL REPORT
高密度区域智能城镇化协同创新中心年刊

高密度区域智能城镇化协同创新中心
CHINA INTELLIGENT URBANIZATION CO-CREATION CENTER FOR HIGH DENSITY REGION


ChinaIntelligent Urbanization Collaboration Co-creation
Center for High Density Region (CIUC) is initiated by Tongji
University and jointly established by Tongji University,
Fudan University, Zhejiang University , Nanjing University

CHINA INTELLIGENT URBANIZATION CO-CREATION CENTER FOR HIGH DENSITY REGION

Researches and Solutions

Urban and Rural Practice

Future Plan

Development Path

Maturing: To establish CIUC as a top international research institute

Development: To maintain the leadership in the sphere of intelligent urbanization in China

heard in the international stage.

Preparing: To establish CIUC as a co-creation platform to provide regional services

组建培育过程
Forming of CIUC

培育发展阶段 *Maturing*

2013.11

中欧城镇化协同创新中心
Sino-European Urbanization Collaboration Center

2013.10

新农村发展研究院
New Rural Development Institute

2013.10

智能城镇化协同创新上海知识服务平台
Intelligent Urbanization Co-Creation Knowledge Service Platform Shanghai

2012.12

高密度区域智能城镇化协同创新中心
China Intelligent Urbanization Co-creation Center for High Density Region

快速孕育阶段 *Rapid Development*

2012.09

同济大学建筑与城乡高等研究院
Architecture and Urban-Rural Research Academy, Tongji University

2012.06

中瑞城市未来上海协同中心
MISTRA Urban Futures Shanghai LIP

2010.05

上海城镇化发展研究中心
Shanghai Urbanization Research Center

2010.05

同济大学 -IBM 共建智慧城市研究中心
Tongji University-IBM Institute of Smart Cities

基础孕育阶段 *Foundational Growth*

2009.12

高密度人居环境生态与节能教育部重点实验室
Key Laboratory of Ecology and Energy Saving Study of Dense Habitat , Ministry of Education

2002.12

同济大学上海世博会研究中心
Tongji University Shanghai EXPO Research Center

2000.05

同济大学城市发展战略与管理研究院
Academy of Urban Strategy and Management, Tongji University

主体设计：体制机制发展

Overall Design: Institutional Development

城镇化科研创新模式研究	Research on new urbanization research and innovation mode
建成世界一流科研机构	Establishment as a world top research institute
国际协同培养	Internationally joint training and education
中欧协同攻关示范	Sino-European joint research and demonstration
建立面向全国的智库	Nationally-shared Think Tank
完善的产学研体制机制	Perfection of academia-research-industry interactive chain
六大示范实验基地	Six Demon-bases
智能城镇化企业联盟	Enterprise alliance for intelligent urbanization
大五角场高校协同教育平台	Education Co-creation Platform for Universities in Wujiaochang Plaza Region
落实实践基地、资金、场所	Settlement of practice bases, funds and venues
建立面向长三角的人才智库	Talent Pool for Yangtze Delta Region

智能城镇化发展相匹配的城市治理新体系	New urban management system that matches intelligent urbanization
高密度区域智能城镇化监控云平台	Intelligent Urbanization cloud monitoring platform for high density regions
城乡规划方案实施管理监控及调控平台	Urban planning enforcement management monitoring and adjusting platforms
城镇化建设健康发展的规范标准	Standards for healthy urbanization
建设城乡规划编制大数据平台	Urban planning big-data platform
提供制度和政策保障	Support policy and regulation
各层次规划智能决策支持系统	Intelligent decision-making supporting system at all levels
高密度区域城镇化发展理论、战略及模式	Theories, strategies and modes of urbanization in high density regions
研制高密度区域城乡规划编制要点指标体系	Guideline of key elements and standards of urban planning for high density regions
研制城镇化评估、监测、诊断的大数据分析技术	Big-data analysis technologies for urbanization evaluation, monitoring and diagnosis
研制智能城市评价指标体系	Intelligent urbanization evaluation system

Development Target

Goals

high density regions.

urbanization.

Three resource sharing circles covering Yangtze delta region, China and the world respectively

Six Demon-bases

Taicang, Pudong New District, Yangpu District, Chongming , Jiaxing, Yiwu

大事记
COOPERATION MEMORABILIA

2012 年 12 月 28 日
28 Dec. 2012

同济大学与浙江省住建厅下的浙江省城市发展研究中心签定共建“高密度区域智能城镇化协同创新中心”合作协议。

The Cooperative Agreement between Tongji University and Urbanization Promotion Office from Zhejiang Construction Bureau was officially signed and came into effective.

2013 年 1 月 16 日
16 JAN. 2013

高密度区域智能城镇化协同创新中心自主研发的《智慧城市 - 市长决策系统》及《智慧城市 - 校长决策系统》正式获得中国人民共和国国家版权局计算机软件注册权。

CIUC independent research and development project,Smart City decision-making Platform Product Family got the Computer software registration rights from National Copyright Administration of the People's Republic of China.

2013 年 1 月 16 日
16 JAN. 2013

上海市城乡建设和交通委员会和上海市人民政府发展研究中心支持“高密度区域智能城镇化协同创新中心”建设。

Shanghai Municipal Commission of Urban and Rural Construction and Transport and of Shanghai Municipal Government Development and Research Center made the decision to support CIUC.

2013 年 1 月 25 日
25 JAN. 2013

吴志强教授与中华人民共和国住房和城乡建设部仇保兴副部长达成“高密度区域智能城镇化协同创新中心”的合作意向

Vice Minister QIU Baoxing and Prof. WU Zhiqiang achieved a preliminary cooperative agreement between MOHURD and CIUC.

2013 年 1 月 29 日
29 JAN. 2013

同济大学裴钢校长参观领导决策平台系列产品，对校长决策平台提出升级开发建议。

Prof. PEI Gang, President of Tongji University reviewed the serious products of Leadership Decision-making platform and gave out suggestions for upgrading.

2013 年 2 月 6 日
6 FEB. 2013

上海市人民政府发展研究中心改革研究处处长钱智在逸夫楼 203 室拜访吴志强教授，商讨进一步推进安徽省加入“高密度区域智能城镇化协同创新中心”的相关事宜

In room 203, Yifu Building, QIAN Zhi, Director of Reformation and Research Department, Development and Research Center of Shanghai Municipal Government discussed with Prof. WU Zhiqiang issues of involving Anhui Province into CIUC’ s research projects.

2013 年 2 月 7 日
7 FEB. 2013

吴志强教授拜访时任上海市经济和信息化委员会主任戴海波，请经信委为高密度区域智能城镇化协同创新中心发展建设作出指导，戴主任对中心建设提出发展指导意见和实验基地支持建议。

Prof. WU Zhiqiang visited DAI Haibo, Director of Shanghai Municipal Commission of Economy and Informatization, and got DAI’ s supportive suggestions on CIUC and CICU Bases development.

2013 年 2 月 20 日
20 FEB. 2013

中国工程院召集召开“智能城市评价体系”研讨会，确定吴志强教授为该课题组长，以实际项目为带动支持“高密度区域智能城镇化协同创新中心”建设。

“Intelligent Urbanization Evaluation System” Seminar was summoned by Chinese Academy of Engineering and Prof. WU was appointed the Project Director during the meeting. This project is expected to effectively push forward CIUC’ s development.

2013 年
2 月 26–28 日
26–28 FEB. 2013

中国工程院“中国智能城市建设与推进战略研究”项目在北京九华山庄召开阶段性成果统稿会议，课题组副组长吴志强教授代表“智能城市空间组织模式与智能交通系统课题组”参加本次会议并作报告。

A seminar on the CAE research project “Strategies for China Smart City Construction and Promotion” commenced in Jiuhua Villa, Beijing, to summarize the periodical achievements of the research. Prof. WU Zhiqiang, representing the research team of “Smart City Spatial Organization Mode and Intelligent Transportation System” attended the seminar and make the keynote speech.

2013 年 3 月 5 日
5 MAR. 2013

吴志强教授拜访浦东区长姜梁、经信委傅红岩主任，商讨智能城市评价体系研究的合作细节，确定与浦东智慧城市建设初步合作意向。

Prof. WU Zhiqiang met with JIANG Liang, Governor of Pudong District and FU Hongyan, Director of Shanghai Municipal Commission of Economy and Informatization, discussed details of cooperation in Smart City Evaluation System research project and came into a preliminary cooperative agreement between CIUC and Pudong Smart City Construction.

2013 年 3 月 21 日
21 MAR. 2013

中国工程院常务副院长潘云鹤院士、李仁涵副局长，同济大学裴钢校长、吴志强副校长在同济大学中法中心商讨共建协同创新事宜。

Academician PAN Yunhei, President of Chinese Academy of Engineering, LI Renhan, Director of Third Bureau, CAE, Prof. PEI Gang, President of Tongji University, and Prof. WU Zhiqiang, Vice President of Tongji University discussed development strategies for CIUC in Sino-French Center, Tongji University.

2013 年 3 月 21 日
21 MAR. 2013

由中国工程院书画社主办，同济大学承办，“高密度区域智能城镇化协同创新中心”组织，以“科学与艺术”为主题的“中国工程院院士书画展”在同济大学举行。

“Calligraphy and Artworks of Academicians of Chinese Academy of Engineering” were exhibited in Tongji University. The Exhibition, themed “Science and Art” was organized by Calligraphy and Arts Society, CAE and hosted by Tongji University.

2013 年 3 月 21 日
21 MAR. 2013

高密度区域智能城镇化协同创新中心召开“智能城市评价体系研讨会”，中国工程院常务副院长潘云鹤、项海帆、李同保等多位院士和专家齐聚同济大学，共同研讨如何推动智能城市建设研究。

CIUC convened a seminar for "Smart Cities Evaluation System", a sub-topic of the 2012 Major CAE Consultancy Research Project “Strategies for China Smart City Construction and Promotion” in Tongji University. Prof. PAN Yunhei, Standing Vice President of Chinese Academy, Academician XIANG Haifan, Academician LI Tongbao and other experts attended and made great contributions to the research.

2013 年 4 月 1 日
1 APR. 2013

高密度区域智能城镇化协同创新中心协同单位中国绿色建筑与节能专业委员会绿色校园学组编制的《绿色校园评价标准》，编号 CSUS/GBC 04 - 2013，自 2013 年 4 月 1 日起实施，作为我国开展绿色校园评价工作的技术依据。

The enforcement of “Green Campus Assessment Standards”, compiled by Green Campus Committee, China Green Building and Energy Conservation Professional Council, an organization collaborated together with CIUC, was officially announced. Since 1st April of 2013, the Standards functions as the technical basis for green campus evaluation in China.

2013 年 4 月 2 日
2 APR. 2013

中国绿色建筑与节能专业委员会绿色校园学组在第九届国际绿色建筑与建筑节能大会上成功举办“绿色校园”分论坛，绿色校园学组组长吴志强教授主持论坛，同日中午，绿色校园学组以午餐工作会形式召开了 2013 年度工作会议。

The First Session of the 6th Plenary Conference of China Green Building and Energy Conservation Professional Council commenced in Beijing International Conference Center. Green Campus Committee was rewarded by the Council for its accomplishments and Prof. WU Zhiqiang, Director of Green Campus Committee, was elected the Advanced Individual.

2013 年 4 月 11 日
11 APR. 2013

吴志强教授会见维也纳工业大学软件技术专家 Andreas Rauber 先生，交流计算机文化保护、大数据和 e 科学领域的研究成果。

Prof. WU Zhiqiang met Mr.Andreas Rauber, Institute of Software Technology and Interactive Systems, Vienna University of Technology, and exchanged ideas on computer culture preservation, Big Datra and e-science.

2013 年 4 月 13 日
13 APR. 2013

“上海市城乡建设和交通 2030 年发展研究”课题组第四次推进会在崇明东滩召开。

The forth workshop of “Shanghai 2030 Urban-rural Construction and Transportation” research team was held in Dongtan, Chongming.

2013 年 4 月 15 日
15 APR. 2013

吴志强教授在上海市政府会议室与复旦大学党委书记朱之文进行第一次会谈，达成与同济大学协同申请“高密度区域智能城镇化协同创新中心”的初步意向。

Prof. WU Zhiqiang and ZHU Zhiwen, CPC Secretary General of Fudan University met in Shanghai Municipal Government, and reached a preliminary understanding on a key joint CICU application for ministerial support. .

2013 年 4 月 16 日
16 APR. 2013

同济大学与瑞典 Mistra Urban Future 签约仪式举行，裴钢校长、吴志强副校长参加。

Signing ceremony between Mistra Urban Future was held, with presence of Prof. PEI Gang, President of Tongji University and Prof. WU Zhiqiang.

2013 年 4 月 17 日
17 APR. 2013

瑞典哥德堡市市长安娜丽·胡田女士一行来访参观领导决策平台系列产品。

Ms. Anneli Hulthén, Mayor of Gothenburg, Sweden and representatives of MUF visited the lab of decision-making platform.

2013 年 4 月 18 日
18 APR. 2013

吴志强教授出席“聚焦中国新型城镇化”——同济 • 城市高峰论坛暨第二届金经昌中国青年规划师创新论坛，做题为《半城镇化思考》的演讲。

Prof. WU Zhiqiang attended the Tongji-Urban Summit Form and the Second JIN Jingchang National Young Planners’ Forum which is themed “Focus on China’s New Urbanization”, and delivered a speech “Thinking at the Threshold of 50% Urbanization”.

2013 年 4 月 24 日
24 APR. 2013

瑞士驻沪总领事馆副总领事 Pascal Marmier 参观领导决策平台系列产品。

Mr. Pascal Marmier, Deputy Consul General of Switzerland reviewed the development and Leadership Decision-making platform series products.

2013 年 5 月 8 日
8 MAY. 2013

吴志强教授会见法国里昂大学驻上海代表 Nicolas PHILLIBERT 先生，商议“高密度区域智能城镇化协同创新中心”与里昂大学城市智慧研究中心（IMU）在绿色建筑、城市空间对比、城镇化研究、人为社科领域的合作计划。

Prof. WU Zhiqiang discussed with Mr. Nicolas PHILLIBERT plans of joint research of CIUC and Intelligent Urban World (IMU), Lyon University, on topics of green campus, urban space comparison, urbanization study and humanity. cooperative agreement was reached.

2013 年 5 月 15 日
15 MAY. 2013

吴志强教授正式带队与复旦大学党委书记朱之文、副校长林尚立等商谈合作事宜，再次肯定“高密度区域智能城镇化协同创新中心”合作，并落实中心目标、合作方式以及双方具体落实合作人，并达成发挥复旦大学文科优势和同济大学工科优势，共建中心的多项事宜。

Prof. WU Zhiqiang with other CIUC representatives, visited Fudan, and settled decisions of cooperation with Prof. ZHU Zhiwen, CPC Secretary-General of Fudan University and Prof. LIN Shangli, the Vice President. CIUC missions, cooperative mode and the coordination persons of the two universities, the cooperative mode that focuses on Fudan's strength on humanity study and Tongji's strength on engineering were also decided.

2013 年 5 月 18 日
18 MAY. 2013

吴志强教授出席”聚焦中国新型城镇化”——同济·城市高峰论坛暨第二届金经昌中国青年规划师创新论坛，做题为《半城镇化思考》的演讲。

Prof. WU Zhiqiang attended the Tongji-Urban Summit Form and the Second JIN Jingchang National Young Planners' Forum which is themed "Focus on China's New Urbanization", and delivered a speech "Thinking at the Threshold of 50% Urbanization".

2013 年 5 月 31 日
31 MAY. 2013

吴志强教授应邀参加在广州举行的 “中欧信息通讯合作 - 智慧和可持续发展城市建设主题研讨会”并作主旨演讲。

Prof. WU Zhiqiang delivered a keynote speech on The 1st OpenChina-ICT Workshop on Smart and Sustainable Cities in Guangzhou.

2013 年 6 月 2 日
2 JUN. 2013

吴志强教授在逸夫楼会见美国北卡罗来州大学建筑学院院长 Chris Jarret 教授，就建筑设计领域开展学生交流、教师互换、建立联合工作室等合作事项进行讨论。

Prof. WU Zhiqiang received Prof. Chris JARRET, Dean of College of Arts and Architecture, UNC Charlotte, in his office in Yifu Building and discussed issues on students exchange, teachers exchange and establishment of a joint workshop.

2013 年 6 月 2 日
2 JUN. 2013

吴志强教授会见美国卡内基梅隆大学建筑性能中心主任 Volker Hartkopf 教授，邀请他作为专家加入绿色校园项目，参加将于今年 10 月举办的国际绿色校园系列研讨会，并牵头卡内基梅隆大学加入国际绿色校园联盟。

Prof. WU Zhiqiang met Prof. Volker HARTKOPF, Director Center for Building Performance and Diagnostics, Carnegie Mellon University and extended an invitation to Prof. HARTKOPF to attend the International Green Campus Initiative seminar series in Chongqing, October. Prof. HARTKOPF will see to Carnegie Mellon's joining IGCA.

2013 年 6 月 19 日
19 JUN. 2013

中国绿色建筑与节能专业委员会绿色校园学组启动中国绿建委《绿色校园评价标准》操作手册编写工作。

Green Campus Committee, China Green Building and Energy Conservation Professional Council officially kicked off the compilation work of the Operational Guideline for Green Campus Assessment Standards.

2013 年 6 月 22 日
22 JUN. 2013

吴志强教授在美国丹佛参加美国建筑师协会（AIA）年会，作为 2013 年新荣誉会员接受授衔。

Prof. WU Zhiqiang, as the new Honorary Member of American Institute of Architects, attended the 2013 AIA National Convention in Denver and the Investiture.

2013 年 6 月 28 日
28 JUN. 2013

高密度区域智能城镇化协同创新中心承担的联合国人居署出版物翻译与研究项目中期研讨会在同济大学逸夫楼召开。住建部计划财务与外事司司长何兴华、副司长李礼平，以及来自清华大学、南京大学、东南大学和中国建筑工业出版社的专家学者参会交流。

The Mid-Term Seminar for UNHABITAT Publications Translation and Research Project responded by CIUC, was held in Yifu Building, Tongji University. HE Xinhua, Director of Fianance and Foregin Affairs Division , Ministry of Housing and Urban-Rural Construction, LI Liping, the Deputy Director, and experts and scholars from Tsinghua University, Nanjing University, Southeast University and China Architecture & Building Press attended the seminar and exchanged experiences.

2013 年 6 月 30 日
30 JUN. 2013

吴志强教授会见斯图加特大学校长 Wolfram RESSEL 教授 , 及高级外事顾问 Wolfgang HOLTKAMP 教授，初步确立了同济 - 复旦和斯图加特 - 康斯坦斯的 2+2 合作模式、同济周边创意产业、清洁能源等三方面的合作意向。

Prof. WU Zhiqiang received Prof. Wolfram RESSEL, President of Stuttgart University and Prof. Wolfgang HOLTKAMP, Senior Advisor of Foreign Affairs, and reached preliminary cooperation agreement in aspects of 2+2 cooperation (Tongji-Fudan and Stuttgart – Constance), innovative industries development in Tongji-rim, and new and clean energy.

2013 年 7 月 3 日
3 JUL. 2013

中国工程院“中国生态文明建设若干战略问题研究”《课题四：生态文明建设和新型城镇化》立项。吴志强教授作为第四课题组副组长，与课题组长清华大学钱易院士、江亿院士以及北京大学唐孝炎院士一起，进一步讨论确定了研究框架。

The 4th sub-research “Ecological Culture Construction and New Urbanization” of the CAE research project “Strategic Research on China’s Ecological Culture Construction” was established. Prof. WU Zhiqiang was appointed the deputy Director of the 4th sub-research. The Director, Professors and Academicians QIAN Yi, JIANG Yi of Tsinghua University and TANG Xiaoyan of Peking University settled the framework of the research.

2013 年 7 月 10 日
10 JUL. 2013

吴志强教授牵头同济大学与德国柏林工业大学合作申报教育部与 DAAD 的中德高教示范伙伴关系项目（DCMP），创建中德智慧永续城市联合研究院。

Prof. WU Zhiqiang initiated a joint bidding of Tongji University and Berlin University of Technology for the German-Chinese Higher Education Model Partnership Program (Deutsch-chinesische Modellpartnerschaften， DCMP) supported by Ministry of Education and German Academic Exchange Service （DAAD） and proposed the establishment of Sino-Germany Sustainable Smart City Institute.

2013 年 7 月 15 日
15 JUL. 2013

高密度区域智能城镇化协同创新中心在三好坞召开了 2013 年“同济—复旦”第一次工作研讨会。同济大学副校长吴志强教授与复旦大学副校长林尚立教授带队研讨进一步推动中心建设的事宜。

2013 1st Tongji-Fudan CIUC workshop was held in Sanhaowu, Tongji University. Prof. WU Zhiqiang, Prof. LIN Shangli, Vice President of Tongji University and the work teams discussed on the follow-ups of the CIUC construction.

2013 年 7 月 16 日
16 JUL. 2013

同济大学、复旦大学、住建部、城科会正式签订了四方共建“高密度区域智能城镇化协同创新中心”的共建合作协议。

A cooperative agreement between Tongji University, Fudan University, Ministry of Housing and Urban-Rural Development and Chinese Society for Urban Studies was officially signed. The four parties will take joint efforts to develop CIUC.

2013 年 7 月 22 日
22 JUL. 2013

吴志强教授与柏林工业大学 Steinbach 校长为首的代表团再次就智慧城市领域的合作进行深入探讨，基本确定了“中德智慧城市联合研究院”的研究议题、组织方式、合作机制等方面的协同创新内容。

Prof. WU Zhiqiang further discussed the cooperation in Smart City with Prof. Joerg STEINBACH and his delegation. The establishment of “Joint Sino-Germany Smart City Institute”, organization mode, and cooperative mechanism were basically settled.

2013 年 7 月 24 日
24 JUL. 2013

周祖翼书记代表同济大学、Jacques COMBY 校长代表里昂第三大学，并代表大学校长大会主席 Khaled BOUABDALLAH 主席共同签署了两校框架合作协议，致力于推动双方长期的、可持续发展的合作。

Prof. ZHOU Zuyi, the CPC Secretary-general of Tongji University and Prof Jacques COMBY, President of University Jean Moulin - Lyon 3, and also on behalf of Prpf. Khaled BOUABDALLAH, President of Conference of University Presidents, signed a framework agreement on long-term and sustainable cooperation between Tongji and Lyon.

2013 年 7 月 25 日
25 JUL. 2013

高密度区域智能城镇化协同创新中心在文远楼 219 会议室召开了 2013 年“同济—复旦”第二次工作研讨会，共同商讨中心 2013 年课题招标立项事宜。

The 2nd Tongji-Fudan CIUC Workshop was held in Conference Room 219, Wenyuan Building. Plans of CIUC 2013 research project biddings were discussed.

2013 年 8 月 26 日
26 AUG. 2013

吴志强教授接待上海科学技术出版社魏晓峰副总编辑、上海市科技委技术发展部副主任朱俊等一行三人，并参观决策平台，达成高密度区域智能城镇化协同创新中心与出版社合作意向。

Prof. WU Zhiqiang met with WEI Xiaofeng, Deputy Editor-in-Chief of Shanghai Science and Technology Press, ZHU Jun, Deputy Director of Development Department, Shanghai Science and Technology Commission and other representatives, and reached the agreement of cooperations with CIUC.

2013 年 9 月 9 日
9 SEP. 2013

同济大学与中国城市规划学会签订共建“高密度区域智能城镇化协同创新中心合作协议书

Tongji University and Urban Planning Society of China signed a cooperative agreement to jointly construct CIUC.

2013 年
9 月 10–16 日
10–16 SEP. 2013

吴志强教授随工程院代表团赴慕尼黑参加由中国工程院和德国工程院合办的首次中德智能城市发展研讨会，并在会上做《中国智能城市评价体系案例研究》的演讲。研讨会后，中方代表团访问荷兰应用技术研究院（TNO）并考察荷兰智慧城市发展实况。

Prof. W U Zhiqiang, as a member of CAE delegation attended the First Joint German-Chinese Workshop “A Ranking Scheme for Intelligent Cities “ in Munich, which is co-organized by CAE and National Academy of Science and Engineering (Germany) (acatech), and made a speech on “ Case study of Intelligent City Evaluation System in China”. After the Workshop, the Chinese delegation visited Netherlands Organisation for Applied Scientific Research (TNO) and conduced a field study on Smart City development in the Netherlands.

2013 年 9 月 13 日
13 SEP. 2013

《国际创新城市构建与中国城市圈发展战略规划研究》课题组在文远楼二楼会议室召开了项目推进会

The research team of the research project “The Construction of Global Innovative Cities and Strategies for the Planning and Chinese Urban Configuration” held a project workshop on 2nd Floor, Wenyuan Building.

2013 年 10 月 6–8 日
6–8 OCT. 2013

吴志强教授应邀赴米兰参加世界城市 - 世界大学国际会议（WC2）并做发言。
Prof. W U Zhiqiang attended the World Cities World Class University Network (WC2) Conference in Milan and made speech in panel discussion.

2013 年 10 月 11 日
11 OCT. 2013

由高密度区域智能城镇化协同创新中心与上海市建交委科技委联合主办的“2013 上海城市可持续发展论坛”在上海世博展览馆顺利举行。
2013 Shanghai Sustainable Urban Development Forum, co-organized by CICU and Shanghai Municipal Commission of Urban and Rural Construction and Transport was successfully held in Shanghai World Expo Exhibition & Convention Center

2013 年 10 月 11 日
11 OCT. 2013

高密度区域智能城镇化协同创新中心聘查姆斯理工大学副校长、MISTRA 城市未来执行主任 Lars REURTERSWÄRD 教授为中心特聘教授。吴志强教授向其授证。
Prof. Lars REURTERSWÄRD, Vice President of Chalmers University of Technology and Director of MISTRA Urban Futures, was appointed the Honorary Professor of CIUC. Prof. WU Zhiqiang issued the certificate.

2013 年 10 月 16 日
16 OCT. 2013

吴志强教授在逸夫楼 215 会议室会见了复旦大学丁铎尔中心主任 Trevor David DAVIES 教授、环境科学与工程系王祥荣教授一行。
Prof. WU Zhiqiang had a meeting with Prof. Trevor David DAVIES, Director of the Fudan Tyndall Centre and Prof. WANG Xiangrong of Department of Environmental Science and Engineering, Fudan University.

2013 年 10 月 16 日
16 OCT. 2013

高密度区域智能城镇化协同创新中心在文远楼 219 会议室召开了 2013 年“同济—复旦”第三次工作研讨会。
The Third Tongji-Fudan CIUC Workshop was held in Conference Room 219, Wenyuan Building.

2013 年 10 月 18 日
18 OCT. 2013

高密度区域智能城镇化协同创新中心聘德国工程院院士、欧洲著名科技史学家、慕尼黑工业大学 Ulrich WENGENROTH 教授为中心特聘教授。吴志强教授向其授证。
Prof. Ulrich WENGENROTH, academician of acatech, distinguished expert in Science History and Professor of TU Munich was appointed Honorary Professor of CIUC. Prof. WU Zhiqiang issued the certificate.

2013 年 10 月 19 日
19 OCT. 2013

同济大学校长裴钢院士向中国工程院常务副院长潘云鹤院士颁发高密度区域智能城镇化协同创新中心首席科学家的聘书，授证典礼由中心主任吴志强教授主持。
Prof. P EI GANG, President of Tongji University, issued the certificate of Chief Scientist of CIUC to Academician Prof. PAN Yunhe, Standing Vice President of Chinese Academy of Engineering. Prof. WU Zhiqiang moderated the ceremony.

2013 年 10 月 23 日
23 OCT. 2013

浦东新区沈晓明书记决定签订浦东新区与中心关于智能城市建设方面的战略合作协议。
CPC Secretary-General of Pudong New District announced Pudong’s decision to sign a cooperative agreement with CIUC in the field of Samrt City construction.

2013 年
10 月 25–26 日
25–26 OCT. 2013

2013 年国际绿色校园联盟成立大会暨国际“绿色校园行动”系列研讨会在重庆顺利召开。国际绿色校园联盟正式成立。吴志强教授当选为联盟主席团主席。
The Inaugural Conference of International Green Campus Alliance and the “Green Campus Initiative” Seminar Series were successfully held in Chongqing. IGCA was officially founded. Prof. WU Zhiqiang was elected the President of IGCA Presidium.

2013 年 10 月 26 日
26 OCT. 2013

教育部和上海市教委领导来同济指导高密度区域智能城镇化协同创新中心建设。
Authorities from Ministry of Education and Shanghai Municipal Education Commission visited CIUC and gave instructions on its construction and development.

2013 年 10 月 26 日
26 OCT. 2013

高密度区域智能城镇化协同创新中心接待科技部农村科技司司长陈传宏，提出关于推动中心的重要协同机构新农村发展研究院的若干指导意见。
Director of Rural Science Division, Ministry of Science and Technology, CHEN Chuanhong visited CIUC, and proposed comments on the work from key colabourated organization New Rural Development Institute.

2013 年 10 月 28 日
28 OCT. 2013

吴志强教授在同济大学云通楼会见南非金山大学副校长 Beatrys LACQUET 教授，讨论金山大学提出的合作建立城市研究中心的建议。
Prof. WU Zhiqiang met with Prof. Beatrys LACQUET, Deputy Vice Chancellor of University of the Witwatersrand, South Africa, and discussed WITS's proposal of jointly establishing a World Urban Research Center.

2013 年 11 月 1 日
1 NOV. 2013

南京大学与同济大学签订共建高密度区域智能城镇化协同创新中心合作协议书。
A cooperative agreement was signed between Nanjing University and Tongji University on the joint construction of CIUC.

2013 年 11 月 1 日
1 NOV. 2013

浙江大学与同济大学签订共建高密度区域智能城镇化协同创新中心合作协议书。
A cooperative agreement was signed between Zhejiang University and Tongji University on the joint construction of CIUC.

2013 年 11 月 4–8 日
4–8 NOV. 2013

吴志强教授参加由中国工程院组织的福建省生态文明建设调研，并担任城镇和环境组调研组长。
Prof. WU Zhiqiang participated in the CAE-organized Eco-Culture Construction Field Study organized in Fujian Province and was appointed the Head of the Urban and Environmental Research Team.

2013 年 11 月 12 日
12 NOV. 2013

同济大学和江苏省住房和城乡建设厅签署共建高密度区域智能城镇化协同创新中心合作框架协议。
A framework agreement was signed between Tongji University and Jiangsu Housing and Urban-Rural Construction Bureau on the joint construction of CIUC.

2013 年 11 月 15 日
15 NOV. 2013

“中欧城镇化协同创新研讨会”暨“中欧城镇化协同创新中心”揭牌仪式举行。联合国前副秘书长、环境署署长 Klaus TÖPFER 教授受聘为中心名誉顾问，第一位提出欧洲智慧城市评价指标的维也纳理工大学 Rudolf GIFFINGER 教授受聘为中心特聘教授。
“Sino-European Urbanization Cooperation Seminar” and “The Unveiling Ceremony of Sino-European Urbanization Cooperation Center” was held in Tongji University. Prof. Klaus TÖPFER, Former Executive Director of the United Nations Environment Programme (UNEP); former Under-Secretary-General of the United Nations, was appointed the Honorary Advisor of CIUC; and Prof. Rudolf GIFFINGER of Vienna University of Technology, the first advocator of Smart City Evaluation System in Europe, was appointed CIUC Honorary Professor.

2013 年 11 月 18 日
18 NOV. 2013

同济大学党委书记周祖翼教授会见来访同济大学的意大利教育、大学和科研部长 Maria Chiara CARROZZA 教授及代表团。吴志强教授参加会见，并介绍了高密度区域智能城镇化协同创新中心在“智慧城市”领域取得的成绩与发展规划。

CPC Secretary-General of Tongji University met Prof. Maria Chiara CARROZZA, Minister of Italian Ministry of Education, University, Science and Research and the delegation. Prof. WU Zhiqiang attended the meeting and made a presentation on Tongji's achievements in "Smart City" and schedule for future development.

2013 年 11 月 20 日
20 NOV. 2013

裴钢校长代表同济大学与里昂大学发起的协同机构智能城市世界（IMU）签订共建高密度区域智能城镇化协同创新中心协议。

Prof. PEI Gang, on behalf of Tongji University, signed a cooperative agreement with IMU, the cooperative organization initiated by University of Lyon Intelligent Urban World, to jointly construct CIUC.

2013 年 11 月 21 日
21 NOV. 2013

吴志强教授出席在北京人民大会堂召开的 2013 中欧城镇化合作伙伴关系论坛。

Prof. WU Zhiqiang attended the 2013 EU-China Urbanization Partnership Forum held in the Great Hall of the People in Beijing.

2013 年 11 月 21 日
21 NOV. 2013

住建部副部长仇保兴博士受聘为高密度区域智能城镇化协同创新中心特聘教授。

Vice Minister of Ministry of Housing and Urban-Rural Construction QIU Baoxing, was appointed Honorary Professor of CIUC.

2013 年 11 月 22 日
22 NOV. 2013

高密度区域智能城镇化协同创新中心与上海绿色建筑协会达成合作意向。

CICU reached a preliminary cooperative agreement with Shanghai Green Building Council.

2013 年 11 月 22 日
22 NOV. 2013

德国工程院院士，Cottbus 大学教授 Klaus KORNWACHS 受聘为高密度区域智能城镇化协同创新中心特聘教授并参观领导决策平台系列产品。

Prof. WU Zhiqiang attended the Celebration Ceremony for the 100th Anniversary of Western Returned Scholars Association -Chinese Overseas-Educated Scholoars Association in the Great Hall of the People, Beijing. CPC Central Committee General Secretary, State President and CMC Chairman XI Jinping was present and made important speech.

2013 年 11 月 29 日
29 NOV. 2013

高密度区域智能城镇化协同创新中心在复旦大学新闻学院 107 会议室召开 2013 年中心建设“同济—复旦”对接会第四次研讨会，商讨进一步推动科研合作事宜。

The 4th Tongji-Fudan CIUC Workshop was held in Conference Room 107, Fudan Journalism School. The workshop focuses on the coordination of the two universities and progressing of research cooperation.

2013 年 12 月 2 日
2 DEC. 2013

高密度区域智能城镇化协同创新中心在复旦大学新闻学院 107 会议室召开 2013 年“同济—复旦”第五次专家研讨会，商讨共同申报教育部 2011 协同创新事宜。

The 5th Tongji-Fudan CIUC Workshop was held in Conference Room 107, Fudan Journalism School. Participants discussed operative details of the joint application for Ministry of Education's Cooperative Innovation Program.

2013 年 12 月 9 日
9 DEC. 2013

国务院发展研究中心技术经济研究部和同济大学正式签订共建高密度区域智能城镇化协同创新中心的合作协议。

A cooperative agreement between Division of Technology and Economic Research, Development Research Center of State Council and Tongji University was signed for the joint construction of CIUC.

同济大学与中国城市规划设计研究院签订共建高密度区域智能城镇化协同创新中心协议。

A cooperative agreement was signed between Tongji University and Chinese Academy of Urban Planning & Design for the joint construction of CIUC.

2013 年 12 月 10 日
10 DEC. 2013

由扎伊德国际环境奖评审团主席 Klaus TÖPFER 教授推荐，并应扎耶德环境基金会主席法赫德斌教授邀请，吴志强教授荣任第六届国际扎伊德环境奖评委，并赴迪拜参加评审大会。

By recommendation of Prof. Klaus TÖPFER, Chairman of the Jury of The Zayed International Prize for Environment and on invitation from Prof. Mohamed Ahmed BIN FAHAD, Chairman of Higher Committee, Zayed International Foundation for the Environment, Prof. WU Zhiqiang was elected the member of Jury of the Sixth Cycle of The Zayed International Prize for Environment and attended the Jury Meeting in Dubai.

2013 年 12 月 17 日
17 DEC. 2013

高密度区域智能城镇化协同创新中心副主任张亚雷教授会见法国国立路桥大学（ENPC）校长，并举行合作洽谈会。会后参观领导决策平台系列产品。法国国立路桥大学决定与同济大学共建高密度区域智能城镇化协同创新中心。

Prof. ZHANG Yalei, Deputy Director of CIUC, met Mr. Armel de LA BOURDONNAYE, Director of National School of Bridges and Roads (École nationale des ponts et chausses), France， in Wenyuan Building and introduced CIUC development. Mr LA BOURDONNAYE also reviewed the series products of Leadership Decision-making Platform and showed interest for future cooperation.

2013 年 12 月 17 日
17 DEC. 2013

上海市人民政府合作交流办公室姚新副主任受聘为高密度区域智能城镇化协同创新中心特聘研究员，并将推动中心与长江三角洲城市经济协同合作。

Deputy Director of Cooperation and Exchange Office, Shanghai Municipal Government, YAO Xin, was appointed the Honorary Researcher of CIUC, and will make contribution to the CIUC's collaborated development of Yangtze River Delta urban agglomerations.

2013 年 12 月 21 日
21 DEC. 2013

高密度区域智能城镇化协同创新中心举办“聚焦城镇化 • 城市更新学术研讨会”。

CIUC organized the “Focusing Urbanization•Urban Renewal Seminar”.

2013 年 12 月 28 日
28 DEC. 2013

组织架构
Orgnization Chart

中心在《高密度区域智能城镇化协同创新中心章程》的指导下设立理事会、指导委员会、学术委员会、中心主任、办公室、公共服务平台、中心研发平台和咨询服务平台，作为中心组织管理的基本架构，如图所示。中心采取以理事会为中心决策机构，主任负责制的管理体制，中心主任全面负责中心的日常管理、建设和学术发展工作。指导委员会负责协同创新中心的区域发展实践工作。学术委员会，主要负责结合国内外智能城镇化研究与建设领域基础及前沿技术研发最新动态，审定中心的年度学术研究内容与发展计划，遴选中心的固定研究人员，以及为中心学术发展等有关工作提供决策意见。

CIUC consists of the Board, Steering Committee, Academic Committee, Director, CIUC Office, Public Service Platform, R&D Platform, and Consultancy Service Platform, as prescribed in CIUC Charter. CIUC Board is the body of decision making and the Director takes charge of daily operation, development and academic advancement. The Steering Committee takes care of CIUC's regional development and practices. The Academic Committee, after studying the latest development of national and international urbanization researches, constructions and cutting-edge technologies, reviews CIUC's year plan of research projects and development, selects CIUC researchers, and provides advices for CIUC decisions.

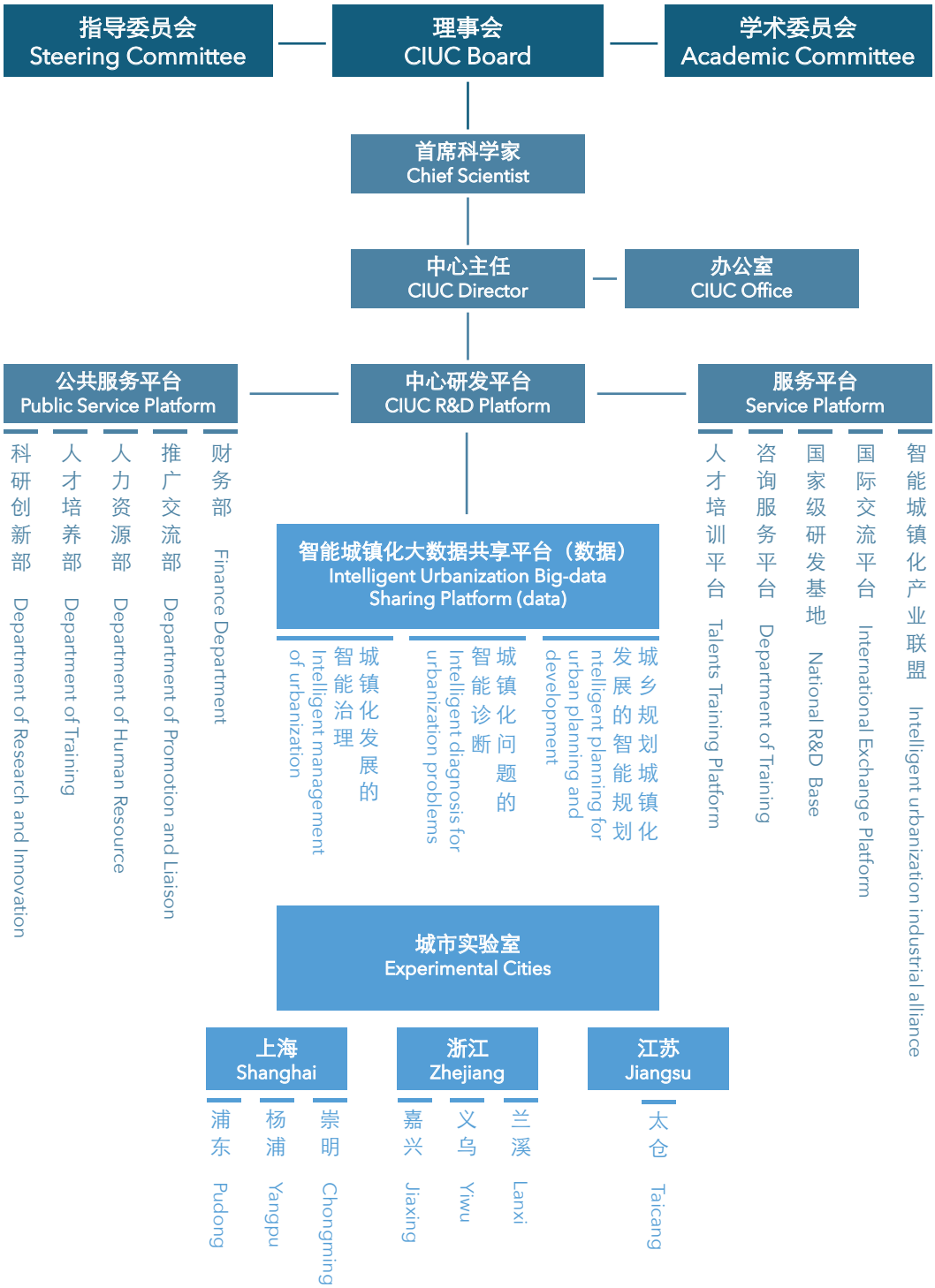
首席科学家 潘云鹤院士

中国工程院常务副院长、工程院院士

Prof. PAN Yunhei, Chief Scientist of CIUC

Standing Vice President, Academician, Chinese Academy of Engineering

组织架构图
Orgnization Chart



中心主任：吴志强

Prof. WU Zhiqiang, Director of CIUC

同济大学副校长

瑞典皇家工程科学院院士， 美国建筑师学会荣誉院士

Vice President, Tongji University;

Academician, Royal Swedish Academy of Engineering Sciences;

Hon. FAIA

中心联席主任：林尚立

Prof. LIN Shangli, Co-Director of CIUC

复旦大学副校长

教育部长江学者

Vice President, Fudan University

Honorary Professor, National Yangtze River Scholar Program, Ministry of Education

CIUC Partners

CIUC is established through coordination of universities,

Major CIUC partners:

- *Core partners:*

  Tongji University,Fudan Universities

- *Universities:*

  University;

- *Ministerial departments:*

- *Research Institute:*

  Planning & Design

- *Municipal governments:*

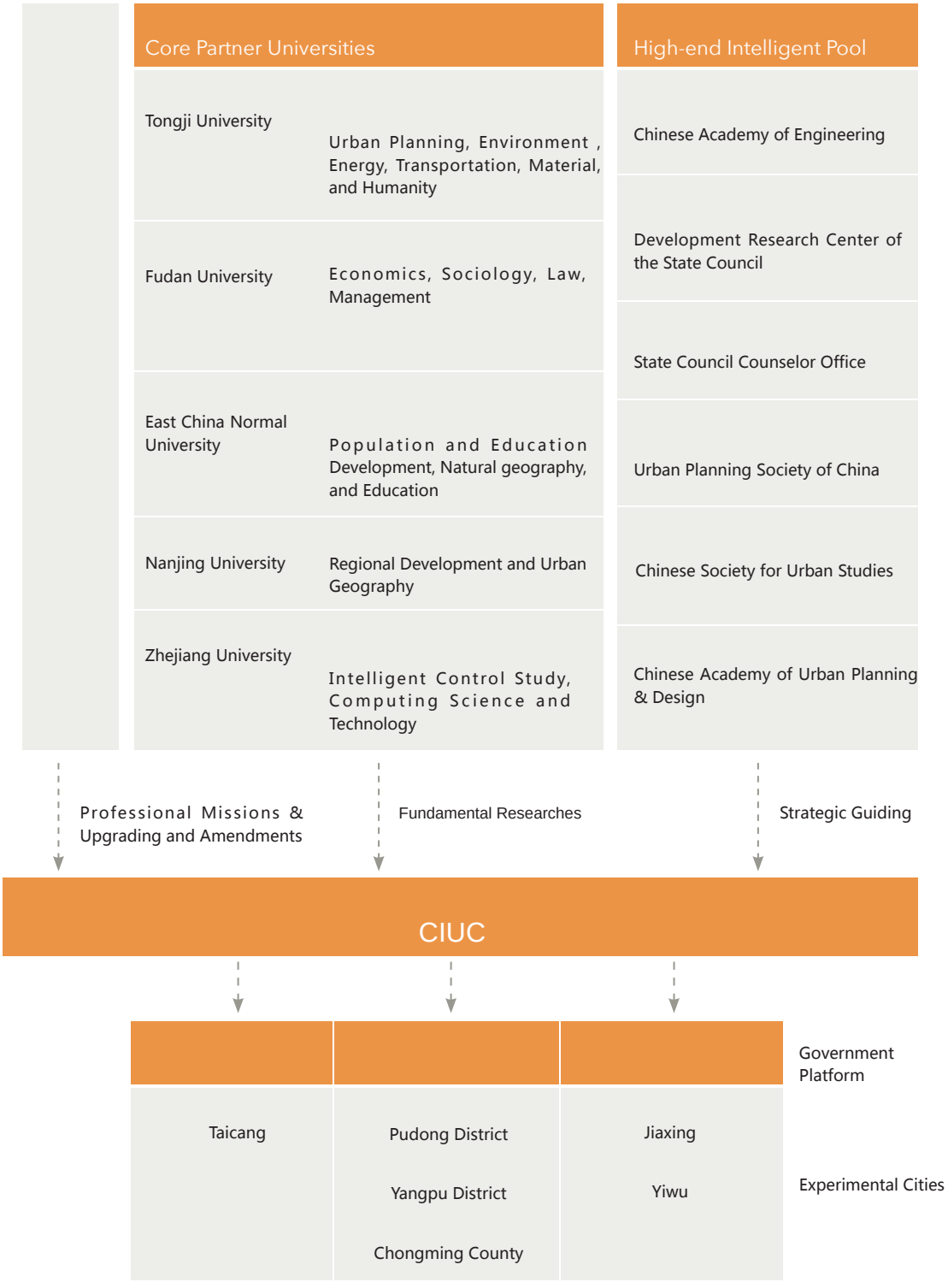
  Construction Bureau, Jiangsu Housing and Construction

- *Enterprises:*

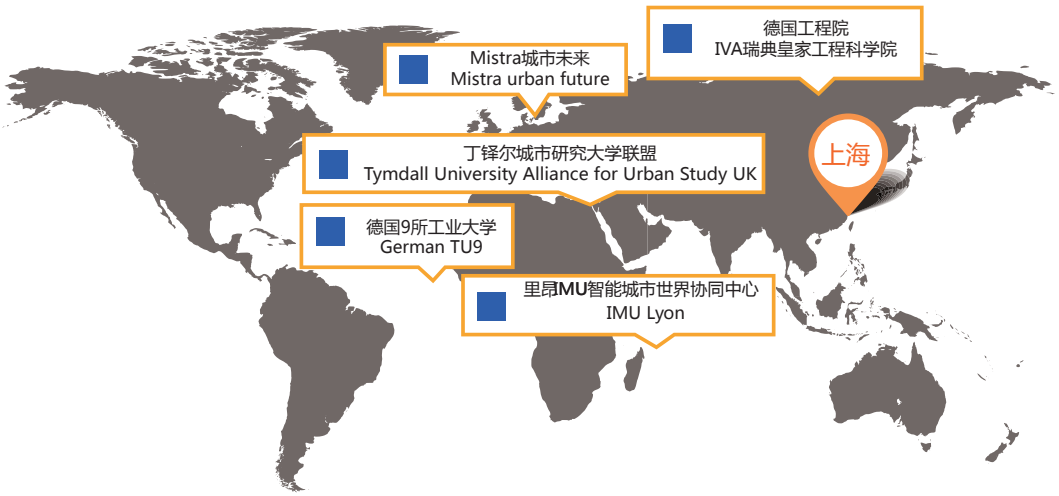
Zhejiang University

Nanjing University

PARTNERS AND RESEARCH FIELD



国际协同网络
International Network of Co-creation



全球四大国际城市研究大学联盟：北欧、中欧、南欧、英国

已与 68 所院校和 3 所城市未来研究机构建立了合作关系

19 合作大学：

美国：

麻省理工、耶鲁、哈佛

德国：

柏林工大、魏玛包豪斯大学

英国：

剑桥、牛津

法国：

里昂 IMU 智能城市世界协同中心

意大利：

米兰理工大学、帕维亚

瑞典：

查尔姆斯理工、瑞典皇家工程院

Four Global University Alliance for Urban Study : North Europe, Central Europe, Southern Europe, and UK

Existing links with 68 universities and schools and three institutes for urban future

19 International Partner Universities

US:

MIT, Yale University, Harvard University

Germany:

Berlin University of Technology, Berlin, Bauhaus-University Weimar

UK:

University College of London, University of Cambridge, Oxford University

France:

IMU Lyon

Italy:

Milano University of Technology, University of Pavia

Sweden:

Chalmers University of Technology, Royal Academy of Engineering Science

Sino-European Urbanization Collaboration Center

Advisor of the Center.

国际绿色校园联盟
International Green Campus Alliance (IGCA)

由各国中小学校、高等院校、国际组织及企业机构等共同发起，经过认真讨论和充分协商决定成立“国际绿色校园联盟”（International Green Campus Alliance）。该联盟将致力于：

（1）加强各国大中小学之间在绿色校园建设领域的合作交流；

（2）引领和推进国际绿色学校建设事业的可持续发展；

（3）促进校园设施及周边社区的节能减排技术创新、合作研发与推广；

（4）为各个国家和地方政府绿色校园及智慧城市建设与管理提供政策及科技支撑，并推动校园节能减排领域人才培养。

On profound researches and consultation, a group of primary schools, middle schools, higher education institutes, international organizations and enterprises all over the world jointly established the International Green Campus Alliance (IGCA). IGCA's commitment includes: to strengthen the cooperation and exchanges among all universities and colleges, primary and middle schools in the field of green campus construction to take leadership in promoting the sustainable development of international green campuses; to enhance the innovative and joint researches on and promotion of energy-saving and emission reduction technologies for campus infrastructures and their surrounding communities; to provide policy and technical support to national and local governments in various countries for their construction and management of Green Campus and Smart City, and to train talents for campus energy saving and emission reduction.

宗旨一：大力推进校园自身建设的绿色转型
TENET ON E: Promoting the green transformation of campus construction

绿色校园是从单体的绿色建筑迈向整体的绿色社区和智能城市的重要战略性环节。从新建校园到改建校园的过程中，应积极落实节能节水节材节地等环保观念，让下一代优先享有绿色环境。

Green Campus provides the key strategic convergence where individual green buildings could evolve into green communities and smart cities. Environmental friendly philosophies, including energy conservation, water conservation, material conservation and land conservation should be actively implemented in both new construction and reconstruction process of campuses, to create a green environment for next generations.

宗旨二：以绿色校园为基础，促进其所在城市的绿色转型

TENET TWO: Promoting green transformation of the cities with green campuses as the foundation

学校作为一个遍布于城市中的空间系统，可以成为城市更新的策源地。绿色校园作为绿色建筑到绿色城市的过渡尺度，是绿色社区的示范和代表，使校园变绿是将城市变绿的起点。从而通过建设绿色校园网络可以加速城市的绿色转型。

Campuses are spatial systems spreading all over cities, and can function as the source for the entire renewal of cities. Green campuses are of the transitional scale between green buildings and green cities, thus can be demonstrated as green communities. Greening the city starts from greening the campuses. Therefore, construction of green campus network can push forward the green transformation of the cities.

宗旨三：促进下一代人绿色价值观的形成

TENET THREE: Shaping green value in the next generation

培养具有绿色价值观的下一代人才是绿色校园建设的最终目的。全球化的联盟可以依托信息云端的智慧精华，相互共享绿色校园案例，加强绿色教育经验交流，通过绿色校园课程及多样的活动，促成守护地球永续发展的下一代青年人健康成长。

Implanting green values into our next generation is the ultimate goal of Green Campus construction. IGCA, with essential technical support of information clouds, could provide resources in forms of Green Campus cases sharing, green education exchanges, green campus courses and a variety of activities, and will contribute to the healthy growth of our next generation, the future guardians for our planet's sustainability.

国际机构简介
International Organizations

城市未来上海协同中心
Mistra Urban Futures Shanghai Platform

Mistra 城市未来是致力于可持续城市未来的国际研究中心，总部位于瑞典哥德堡。研究中心同时在全球 5 个城市运行，包括上海、开普敦、哥德堡、基苏木、曼彻斯特。可持续城市未来的研究推行一种联合创造知识的理念，旨在创造公平、绿色、繁荣的城市。

Mistra Urban Futures is an international centre for sustainable urban futures. Its headquarters is located in Gothenburg, Sweden. The centre operates in five cities in the world, including Shanghai, Cape Town, Gothenburg, Kisumu, and Greater Manchester. We believe that co-production of knowledge is a winning concept for achieving sustainable urban futures and creating Fair, Green and Dense cities.

MUF 在 2012-2015 年的任务是增进个人和机构传递，能够促进公平、绿色和繁荣城市的知识、方法、工具和技术的能力。研究中心的活动致力于三个优先的研究领域，五个地方协同中心的研究将重点关注这三个领域。每个领域来源于可持续发展的三个维度（社会、经济、环境）但致力于不同的本质议题。这三个优先领域是：

公平城市：

促进城市公平，社会包容和都市共识；

绿色城市：

管理有限资源和气候变化；

繁荣城市：

提升城市品质和服务水平。

The mission of Mistra-Urban Futures for the years 2012-2015 is to increase the capacity among individuals and institutions to deliver new knowledge, approaches, tools, and arenas needed to provide fair, green, and dense urban environments. Three Focus Areas have been chosen for the Centre's activities, where each of these areas represents a component for sustainable urban development practice and research that is critical at all five LIPs. Each of these three areas encompasses the three dimensions of sustainable development (social/environmental/economic) within their focus on different substantive issues. The three Focus Areas are:

FAIR Cities:

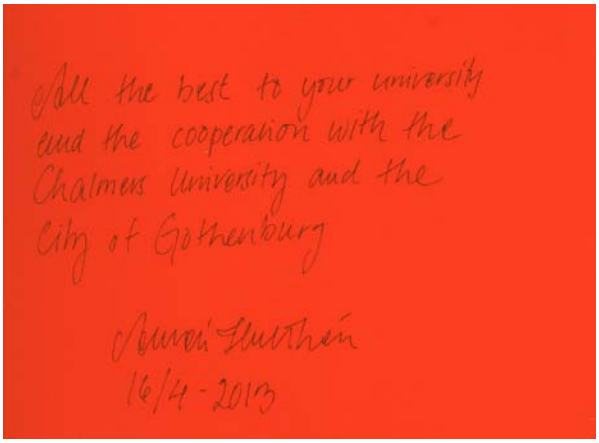
Securing urban equity, social inclusion and urban commons;

GREEN Cities:

Managing resource constraints and climate change;

DENSE Cities:

Promoting access to urban qualities and services.



学术会议
Conferences, Seminars and Forums

2013 上海城市可持续发展论坛
2013 Shanghai Sustainable Urban Development Forum

时间：2013 年 10 月 11 日

地点：上海世博展览馆

主办方：

上海市城乡建设和交通委员会科学技术委员会
高密度区域智能城镇化协同创新中心

TIME: 11 Oct 2013

VENUE: Shanghai World Expo Exhibition & Convention Center

ORGANIZERS:

Science and Technology Committee of Shanghai & Municipal Commission of Urban and Rural Construction and Transport

China Intelligent Urbanization Co-creation Center for High Density Region

阿根廷的农业扩展及强化
Agriculture expansion and intensification in Argentina

时间： 2013 年 04 月 19 日

地点：同济大学嘉定校区教学 C 楼 106 室

主办方：

高密度区域智能城镇化协同创新中心
现代农业科学与工程研究院
国家设施农业工程技术研究中心

TIME: 19 Apr 2013
VENUE: Room 106, Building C, Jiading Campus, Tongji University

ORGANIZERS:
China Intelligent Urbanization Co-creation Center for High Density Region
Modern Agriculture Science & Engineering Institute, Tongji University
National Facility Agriculture Engineering Research Center

2013 中欧城镇化协同创新研讨会
2013 Sino-European Urbanization Collaboration Seminar

时间：2013 年 11 月 14 日 ~16 日

地点：同济大学文远楼三楼会议室

主办方：高密度区域智能城镇化协同创新中心

TIME: 14~16 Nov 2013

VENUE: Conference Hall (3rd floor), Wenyuan Building, Tongji University

ORGANIZER: China Intelligent Urbanization Co-creation Center for High Density Region

“智慧农业”概述
An overview of "Smart Agriculture"

时间： 2013 年 10 月 27 日

地点：嘉定校区济人楼 210

主办方：

高密度区域智能城镇化协同创新中心

现代农业科学与工程研究院

国家设施农业工程技术研究中心

TIME: 27 Oct. 2013

VENUE: Room 210, Jiren Building, Jiading Campus, Tongji University

ORGANIZERS:

China Intelligent Urbanization Co-creation Center for High Density Region

Modern Agriculture Science & Engineering Institute, Tongji University

National Facility Agriculture Engineering Research Center

Technical Research and Future Trends of Environmental-Friendly Agriculture

China Intelligent Urbanization Co-creation Center for High Density Region

University

Intelligent City Evaluation Standard Seminar

China Intelligent Urbanization Co-creation Center for High Density Region, Tongji University

Salons

2013 Sustainable Development Salon (17th -33rd)

ORGANIZERS:

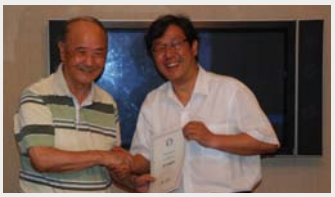
China Intelligent Urbanization Co-creation Center for High Density Region

The 17th Sustainable Development Salon: Sino-French Intelligent City, 29 Aug., 2013

The 18th Sustainable Development Salon: Challenges and trends of urbanization development in China

Tongji University

The 19th Sustainable Development Salon and the Investiture of CIUC Honorary Professors and Honorary Advisers, 18 Sep., 2013


The 20th Sustainable Development Salon: Cultural and Technology, 18 Oct., 2013

The 21st Sustainable Development Salon: Sustainable Urban Development Examples of Swedish R&D and Practical Experiences in Sino-Swedish Perspective, 6 Nov., 2013



2013.11.08 第 22 次可持续发展沙龙：实现中国梦，奉献微薄力，暨戴复东院士中心名誉顾问授证仪式

The 22nd Sustainable Development Salon:China Dream and Urban Planner's Efforts and the Investiture for Academician DAI Fudong as CICU Honorary Advisor, 8 Nov., 2013

演讲嘉宾：戴复东 院士	Speaker: Academician DAI Fudong
合作单位：上海同济城市规划设计研究院	Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.11.22 第 23 次可持续发展沙龙： 关于能力或内容监管的互联网经济能力的中立性；技术与人类工作的发展趋势

The 23rd Sustainable Development Salon: Neutrality of Internet-economy of capacity or content regulation; Future Trends in Technology and Human Work, 22 Nov., 2013

演讲嘉宾： Klaus KORNWACHS 教授，德国科特布斯布兰登堡工业大学技术哲学中心前主任，乌尔姆大学洪堡人文研究中心教授，德国工程院院士	Speaker: Prof. Dr. phil. Klaus KORNWACHS, Former Chair for Philosophy of Technology, BTU Cottbus Humboldt Study Center for Humanities, University of Ulm, Academician, acatech
合作单位：上海同济城市规划设计研究院	Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.11.29 第 24 次可持续发展沙龙：社会生态链与城市空间多样性

The 24th Sustainable Development Salon: Social Ecological Chain and Urban Space Diversity

演讲嘉宾：杨贵庆教授，同济大学建筑与城市规划学院	Speaker: Prof. YANG Guiqing, College of Architecture and Urban Planning, Tongji University
合作单位：上海同济城市规划设计研究院	Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.12.09 第 25 次可持续发展沙龙：城乡统筹与城乡规划

The 25th Sustainable Development Salon: Integrated Development and Planning for Urban and Rural Areas, 9 Dec. 2013

演讲嘉宾：彭震伟 同济大学建筑与城市规划学院 教授	Speaker: Prof. PENG Zhengwei, College of Architecture and Urban Planning, Tongji University
合作单位：上海同济城市规划设计研究院	Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.12.11 第 26 次可持续发展沙龙：十八届三中全会后对城镇化的新认识——青年教师专场 1

The 26th Sustainable Development Salon: New Interpretation to Urbanization after the 3rd Plenary Session of the 18th CPC Congress – The 1st Special Salon for Young Teachers, 11 Dec., 2013

与会嘉宾：吴志强、张亚雷、周斌、田莉、郝泳涛、程茜、朱崇志、殷俊锋、高乃平 、孙彤宇、桂任舟 、朱虹	Attendees: Prof. WU Zhiqiang, Prof. ZHANG Yalei, Prof. ZHOU Bin, Prof. TIAN Li, HAO Yongtao, CHENG Qian, ZHU Chongzhi, YIN Junfeng, GAO Naiping, SUN Tongyu, GUI Renzhou, ZHU Hong
合作单位：同济大学青年教师联谊会	Co-organizer: Young Teachers Association, Tongji University

2013.12.13 第 27 次可持续发展沙龙：十八届三中全会后对城镇化的新认识——青年教师专场 2

The 27th Sustainable Development Salon :The Unscramble of Urbanization after - 1st Pioneer Teachers Special Salon

与会嘉宾: 吴志强、桂勇、郭强、朱德米、周向红、王冬冬 教授、臧建彬、郝凤霞、滕靖、王雪松、杜艾、黄叶青

合作单位：同济大学青年教师联谊会

Participants: Prof.WU Zhiqiang\ Pro.GUI Yong\ Prof. ZHU Demi\ Prof. ZHOU Xianghong\ Prof. WANG Dongdong\ Prof. ZANG Jianbin\ Prof. HAO Fengxia\ Prof. TENG Jing\ Prof. WANG Xuesong\ Lecture. DU Ai\ Lecture. HUANG Yeqing

Co-organizer: Young Teachers Association, Tongji University

2013.12.16 第 28 次可持续发展沙龙：城市肌理如何激发城市活力

The 28th Sustainable Development Salon: Urban Vitality Kindled by Urban Fabirc

演讲嘉宾：童明 同济大学建筑与城市规划学院 教授

合作单位：上海同济城市规划设计研究院

Speaker: Prof. TONG Ming College of Architecture and Urban Planning Tongji University

Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.12.16 第 29 次可持续发展沙龙：中国城镇化的格局、问题、趋势和智能城镇化协同创新

The 29th Sustainable Development Salon : The Configuration Challenges and Trends of Urbanism of China and Introduction of CIUC

演讲嘉宾：吴志强 教授 同济大学副校长

合作单位：上海同济城市规划设计研究院

Speaker: Prof. WU Zhiqiang Vice President of Tongji University

Co-organizer: Shanghai Tongji Urban Planning and Design Institute

2013.12.20 第 30 次可持续发展沙龙：新型城镇化背景下城市规划编制内容与管理方法的思考

The 30th Sustainable Development Salon :Reflection on Urban Planning Content and Administration Approaches under Circumstance of New Urbanization Trend

演讲嘉宾：伍江 教授 同济大学副校长

合作单位：上海同济城市规划设计研究院

Speaker: Prof. WU Jiang Vice President of Tongji University

Co-organizer: Shanghai Tongji Urban Planning and Design Institute

The 31st Sustainable Development Salon : : New Interpretation to Urbanization after the Eighteenth Third Plenary Session of CPC– Joint Session of Fudan University and Tongji University

The 21st Sustainable Development Salon :The Convergence of Minds, The Focus on Urbanization and the Urban Renewal

Institute

The 33rd Sustainable Development Salon : Agricultural Elements in Cities

Institute

2013 CIUC Research Team

2013 CIUC Team Research Team



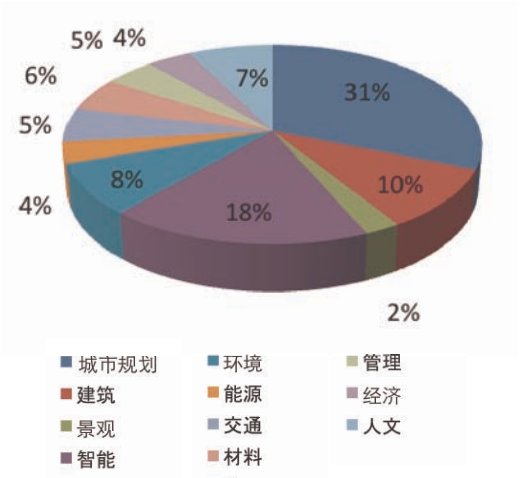


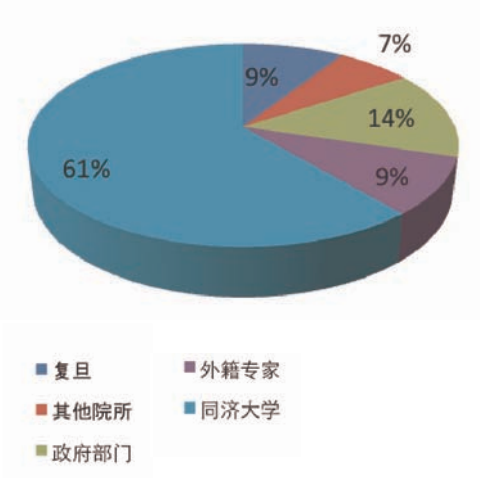


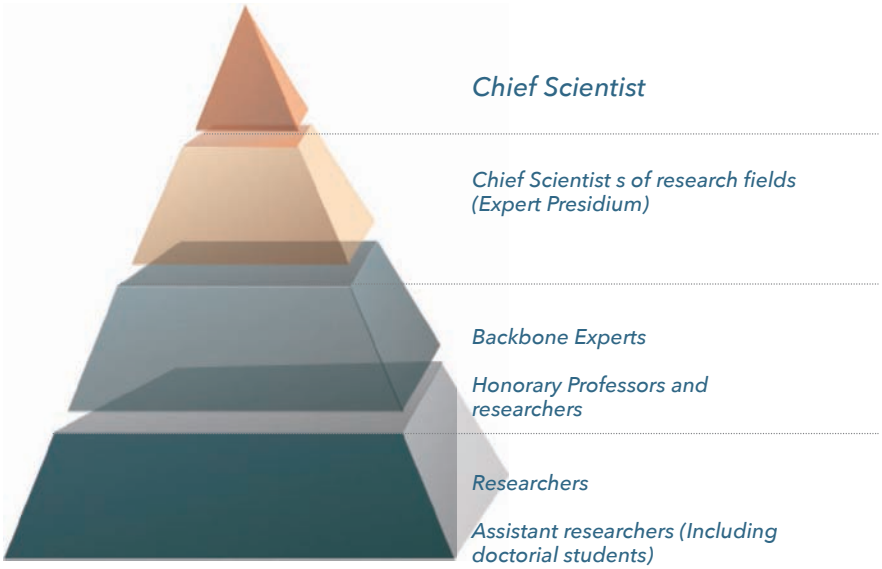

2013 CIUC Core Research Strength

researchers

CIUC chief scientist, chief scientists research fields, and







2013 CIUC Core Research Strength

Core Mission One	Chief Scientist of the Research Field	Experts Group	Backbone Experts	Title
Intelligent of Urbanization in High Density Regions	 ZHOU	Jinsheng Junliang	LIN Shangli LI Xingui	Shanghai Leading Talent River Delta Trans-centurial Scholar Scholar

ZHOU Ganchi:

XU Qingrui

University.

NING Jinsheng:

CHENG Junliang:











LIN Shangli LI Xingui

2013 CIUC Core Research Strength

Core Mission Two	Chief Scientist of the Research Field	Experts Group	Backbone Experts	Title
Intelligent diagnosis for urbanization issues in high density regions		Dunshan		
			DAI Xingyi	Chief Scientist of National Key Social
				Leading Talent of Shanghai
			TIAN Li	Scholar
			FAN Jianyong	

PAN Yunhe:

YU Yixin:

SHEN Zuyan:

President of Tongji University.

WEI Dunshan:














2013 CIUC Core Research Strength

Core Mission Three	Chief Scientist of the Research Field	Experts Group	Backbone Experts	Title /Position
Intelligent urbanization density region	 ZOU Deci	DAI Fudong Shiling Huancheng		Sciences Hon. FAIA
			LI Xun	Secretary-general of CSUS

PAN Yunhe:

Zhejiang University.

YU Yixin:

SHEN Zuyan:

WEI Dunshan:

Architectural Society of China.














Scientific Research:Major Scientific Research Achievements

Overview of CIUC Research Projects in 2013

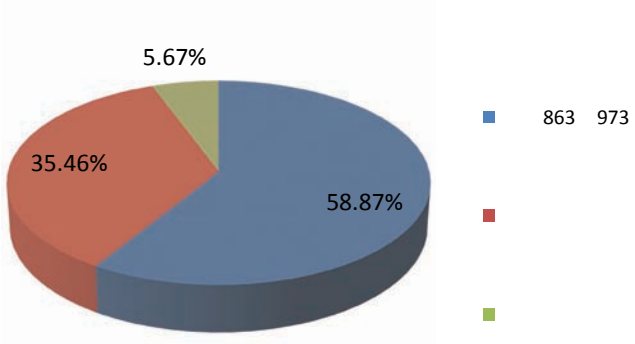
Mission One:
Intelligent management for urbanization in high density regions (147 projects)

urbanization in high density regions.

national urbanization, the research targets

the urbanization of high density regions;

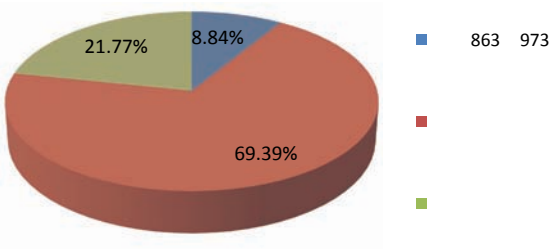
urbanization.



Mission Two:

Intelligent diagnosis for urbanization problems in high density regions (141 projects)

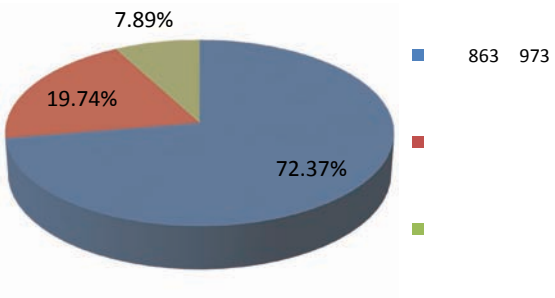
urbanization; and creation of standards and regulations for the related construction.



Mission Three:

Intelligent planning for urbanization development in high density regions (76 projects)

scientific.

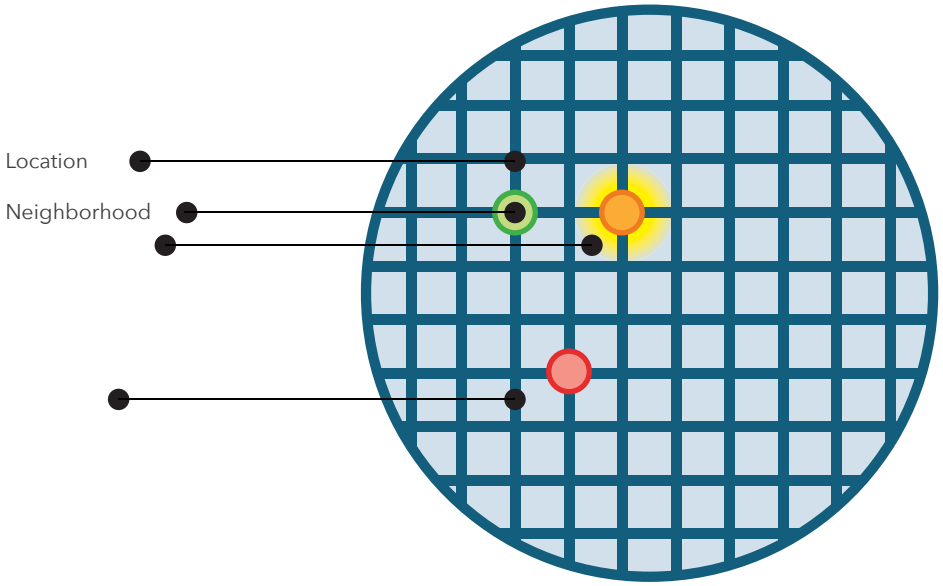


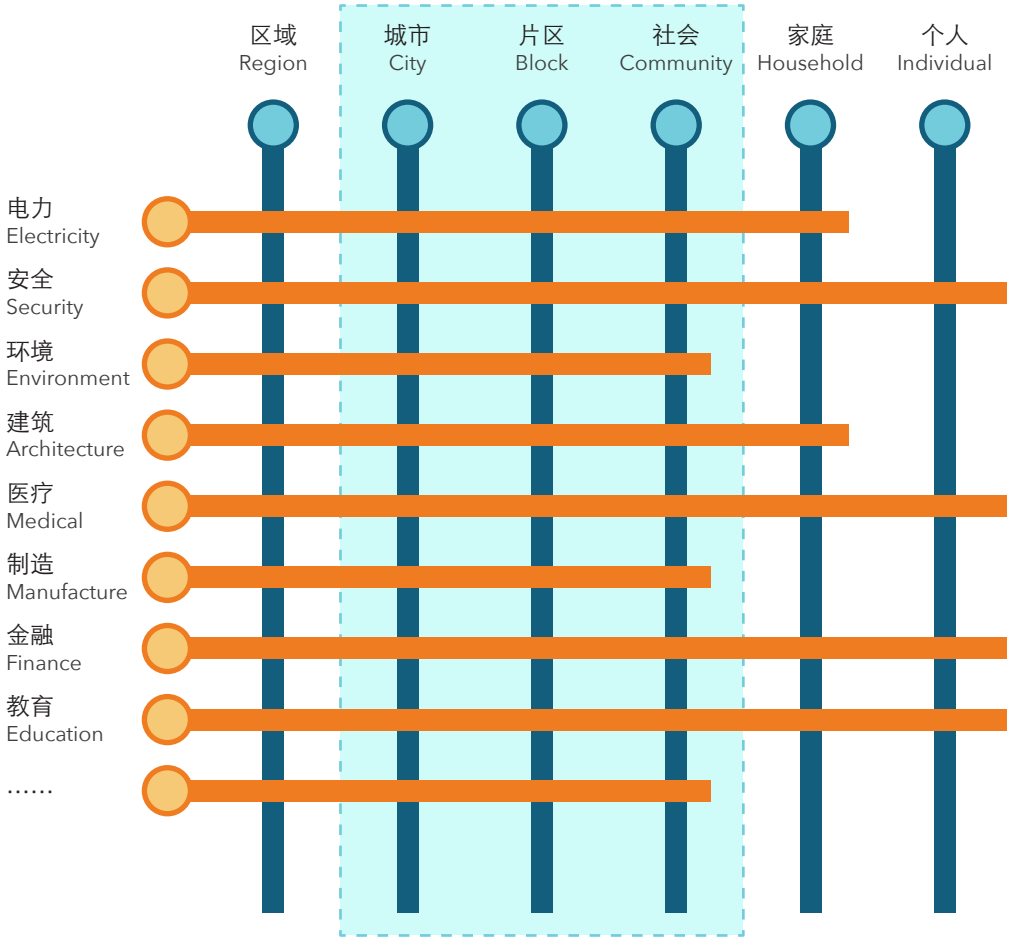
Structuring Global Innovative City and Strategic

Sources:

Time:

Partners: Tongji Univesity, Zhejiang University





在城镇化发展和智能技术进步的背景下，通过信息数据的有效组织和大规模分析应用，合理组织智能化城市空间，适应智能城市行为，推动城市经济、社会、环境的永续发展，促进城市空间发展的绿色、活力创新和和谐。

智能化的城市空间组织模式应在“全面感知——准确判断——适当反应——自我学习”的智能技术系统支持下，形成位置、邻居、环境和网络的四要素的全面合理优化。

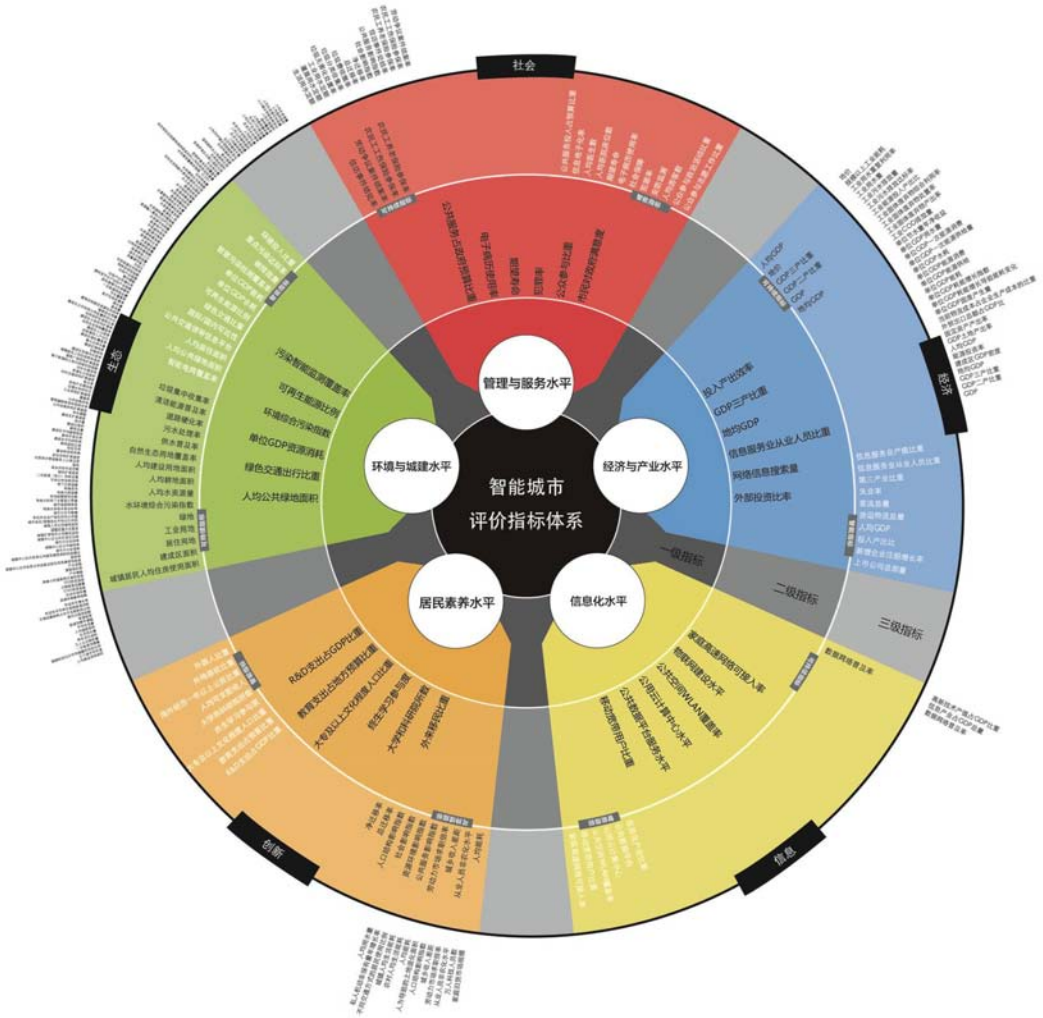
In the progressing of urbanization and intelligent technology, spaces of intelligent cities are to be rationally organized via efficient summarization mass analysis and application of data to match with the behavior mode of intelligent cities. Thus, sustainable economic, social and environmental development of cities would be advanced the green, vital, innovative and harmonious development of urban space will enhanced.

An intelligent urban spatial organization mode, with the support of an intelligent technical system capable of “comprehensive sensing, accurate judgment, appropriate reaction and self-learning”, will realize the comprehensive and rational optimization of the four key elements--location, neighborhood, environment and network.

智能城市评价体系研究

Research on Evaluation System for Intelligent

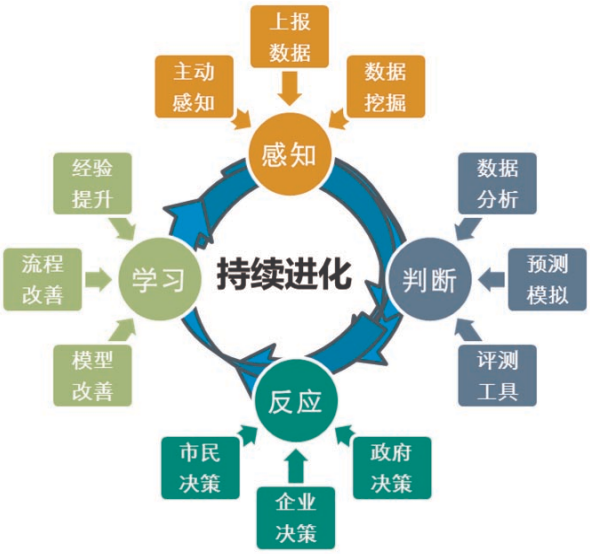
课题来源：	中国工程院
时间：	2013 年 3 月至 2014 年 3 月
协同单位：	同济大学
Sources:	Chinese Academy of Engineering
Time:	2013.Mar-2014.Mar
Partners:	Tongji University



Innovative Highlights

Distinct orientation:

Distinct commitment:



Research on Ecological Planning and Smart Design of Chongming Island

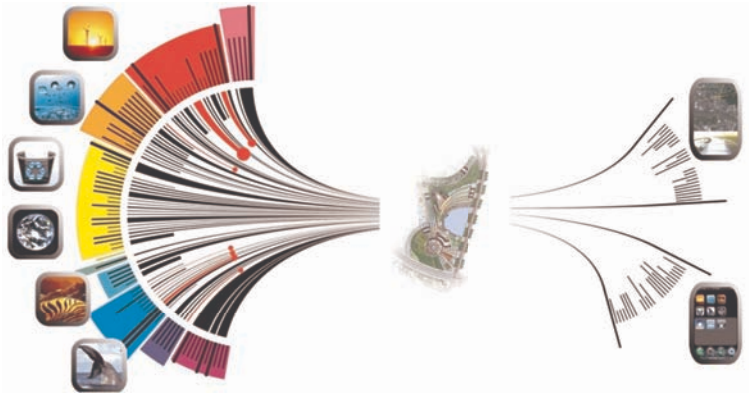
Sources:

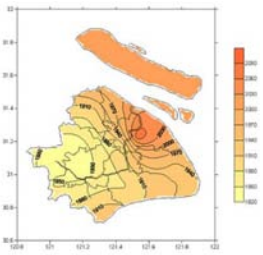
Time:

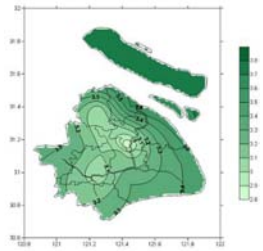
Nr.:

Partners:

Innovative Highlights







国际创新城市构建与中国城市圈发展战略规划研究

Structuring Global Innovative City and Strategic Planning for Megalopolis Development in China

创新点

在国际创新城市和世界城市圈成为国家创新实力和民族核心竞争力的世界大趋势背景下，深刻剖析国际创新城市和世界级城市圈架构中的内在创新耦合关系，并为中国的国际级创新城市和世界级城市圈的发展战略和政策研制提供坚实的科学基础。

Innovative Highlights

Set in the era when international innovative cities and world Megalopolis have stood for the innovative power of a nation and its core competitiveness, the project makes an in-depth analysis of the coupling relationship between international innovative cities and the structuring of world megalopolis and provides profound scientific support to the strategy and policy designing of international innovative cities and world megalopolis in China.

子课题一：国际创新城市的构建
Sub-Research I: The Structuring of International Innovative City

1、国际创新城市的发展策略
Develop strategies of international innovative cities

2、国际竞争力的创新网络建构战略
Structuring strategy of innovative networks with international competitiveness

3、国际创新城市的推进路径与步骤
Advancing pathway and steps of international innovative cities

子课题二：创新城市圈的崛起
Sub-Research II: The Rising of Innovative Urban Configuration

1、创新城市圈的发展策略
Develop strategy for innovative megalopolis

2、创新城市圈的区域创新空间重组
Regional innovative space restructuring of innovative megalopolis

3、创新城市圈的发展策略与路径
Develop strategy and pathway of innovative megalopolis

子课题三：创新互动网络——创新城市与城市圈发展的作用机理透视
Research 3: Innovative interactive network-perspective of mechanism of innovative cities and megalopolis

1、创新互动网络的表征、模式与策略
Characteristics , mode and strategy of innovative interactive network

2、创新互动网络的内在逻辑与机制
The internal logic and mechanism of innovative interactive network

3、创新互动网络的路径假设与场景演绎
Pathway hypothesis and scenarios of innovative interactive network

子课题四：中国创新城市圈发展战略路径选择
Research 4: Developing strategy research for innovative megalopolis in China

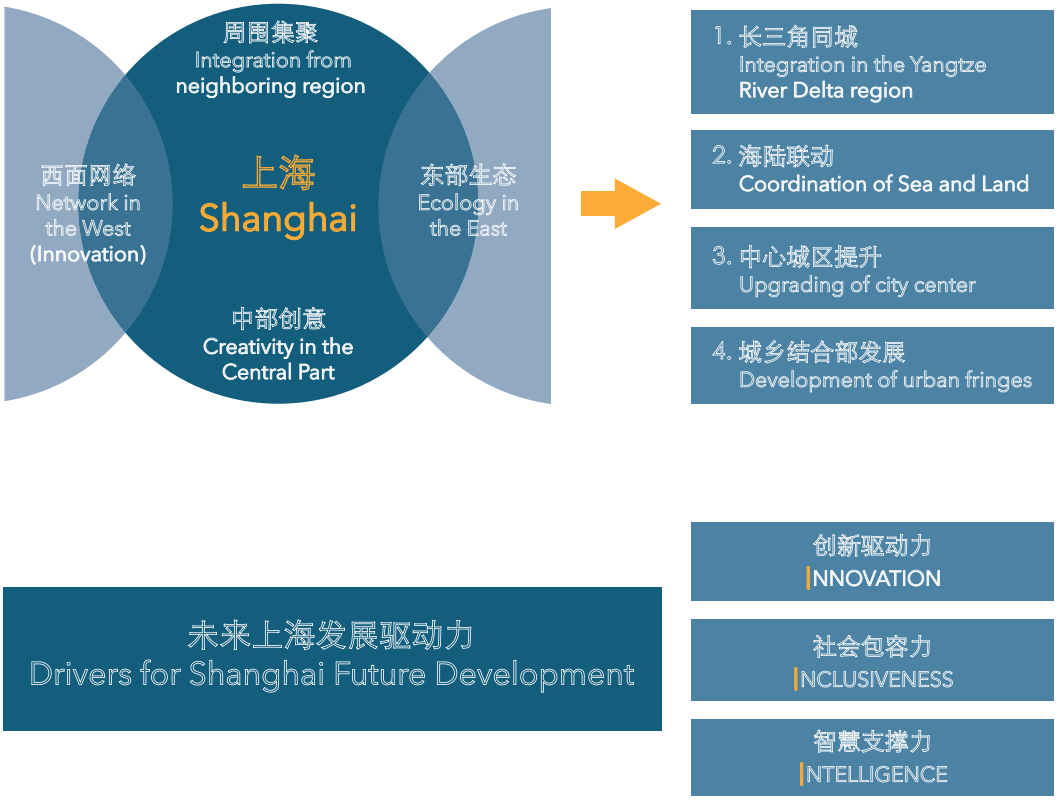
1、中国创新城市圈发展现状：问题和挑战
Development Status of innovative megalopolis in China: Problems and challenges

2、中国城市圈发展案例借鉴：比较和启示
Case studies of innovative megalopolis development in China: Comparison and enlightenment

3、中国创新城市圈发展应对：战略与政策
Development strategy for innovative megalopolis in China: Strategy and policy

Research on Ecological Planning and Smart Design of Chongming IslandUrban Construction and Transportation Development of Shanghai Metropolitan in 2030

Innovative Highlights



Shanghai Low Carbon Development Roadmap Report

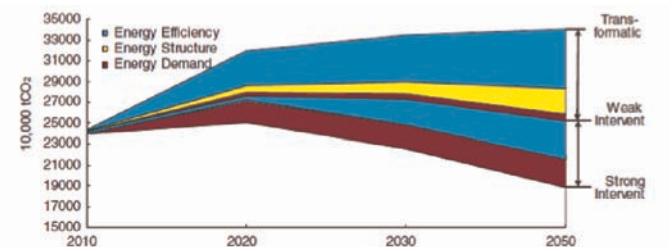
Trustor

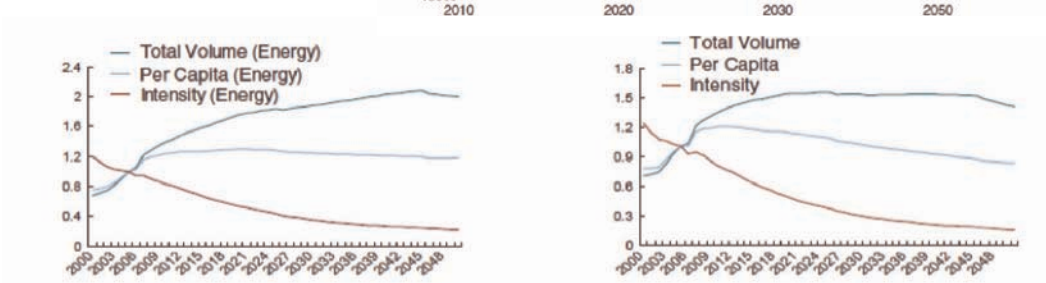
Time

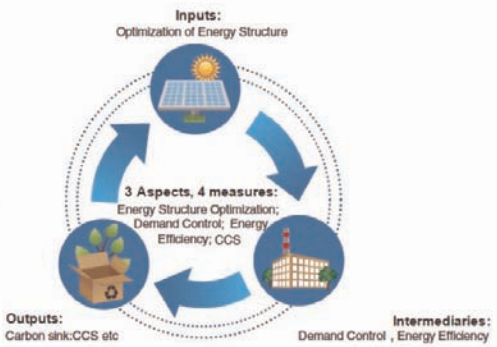
Partners: Tongji University, Fudan University,

Innovative Highlights

Shanghai should strive for the strong intervention scenario.







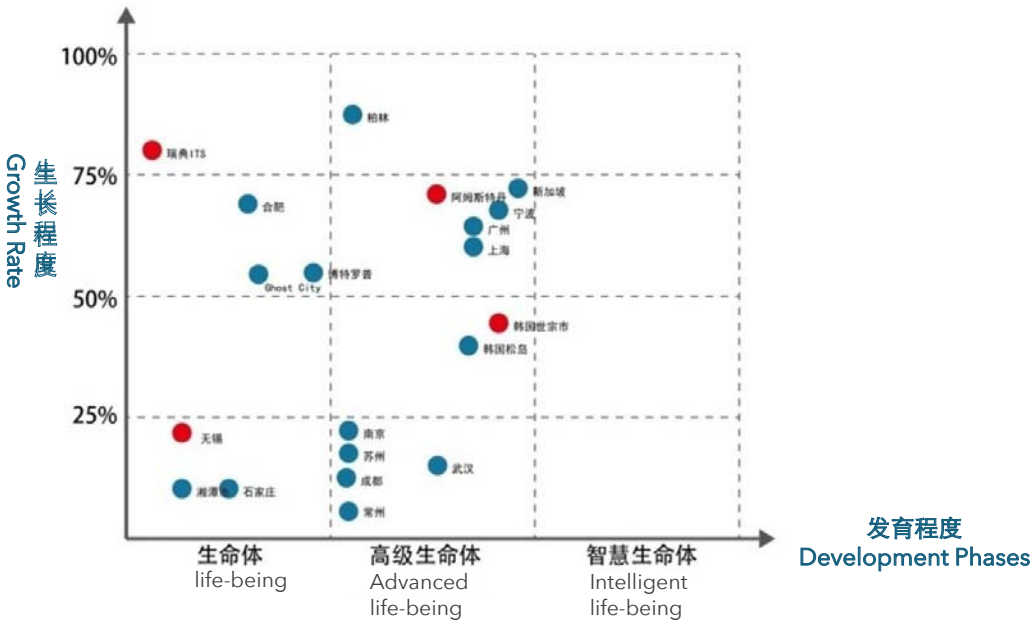
国家社科基金重点项目 《城市社会来临背景下的中国智慧城市理论体系建构及其发展战略研究》

National Key Social Scientific Research Project<The Structuring of Smart City Theory System in China and its Development strategy at the Coming of Urban Society>

课题来源：	全国哲学社会科学规划办
时间：	2012 年 1 月 -2014 年 2 月
编号：	1AZD097
Sources:	National Planning Office of Philosophy and Social Science
Time:	2012 Jan.- 2014. Dec.
Nr.:	11AZD097

智慧城市的发展阶段研究

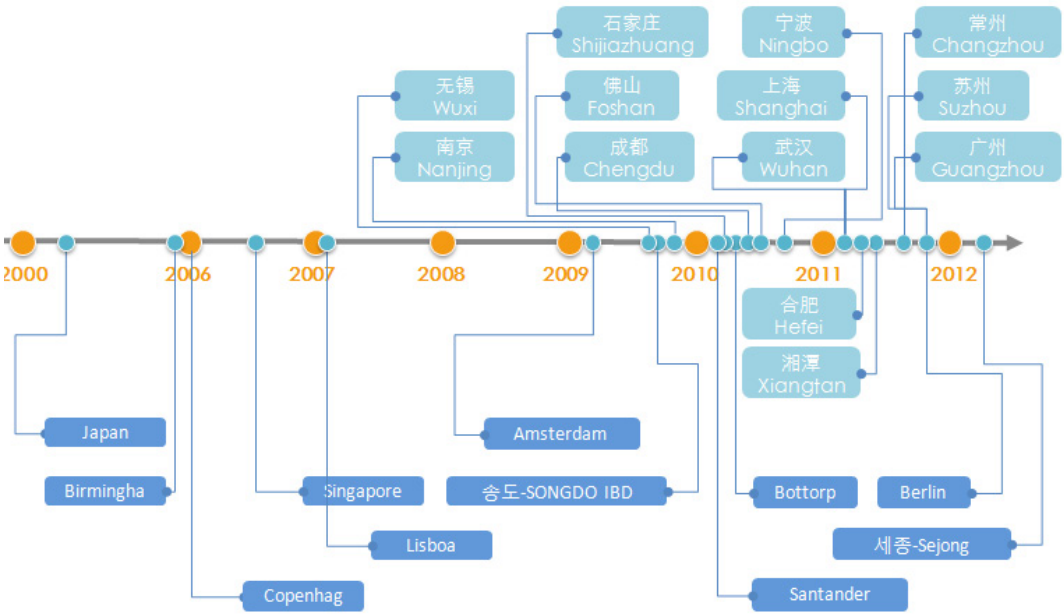
Research on Smart City Development Phases



在城市社会来临和信息通信技术的最新发展两大背景之下，探索如何通过“智慧城市”的建设来解决中国城市在当前发展阶段所面临的主要问题，并提出建立“人 - 信息 - 城市”三要素互动影响为框架的智慧城市理论以及在我国实施智慧城市战略的主要目标、手段和路径。

The Project, with construction of “smart cities” as an approach, aims to provide solutions to major problems in the current development of Chinese cities against the background of forthcoming urban society and the latest development of information and communication technologies. The research establishes the Smart City theory which is framed on the interaction of three key elements "People, Information and Cities," and proposes the main objectives, methods and pathways for the enforcement of smart city strategy in China.

智慧城市案例库与技术库
Smart City Case and Technology Database



智慧城市理论建构 *Framing of Smart City Theory*

智慧城市动力构成	Composition of Smart City Dynamics
智慧城市本质要素	Essence of Smart City
外部环境互动关系	Interaction with External Environment
智慧城市实现路径	Pathways to Smart City

智慧城市技术研究 *Research on Smart City*

智慧城市技术研究	Research on Smart City
智慧城市技术哲学	Technological Philosophy of Smart City
技术解决方案梳理	Classification of Technical Solutions
智慧城市技术元表	Technical Elements of Smart City

智慧城市发展战略 *Smart City Development Strategy*

智慧城市发展现状	Status of Smart City Development
全球智慧城市案例	Global Smart City Practices
智慧城市战略目标	Smart City Strategic Goals
国家层面战略设计	Strategic Design at National Level
城市层面战略设计	Strategic Design at City Level
智慧城市推进路径	Smart City Advancement Approach

Research on Ecological Planning and Smart Design of Chongming IslandSmart City - Decision-making Platform Product Family V1.0

Sources:

Time:

levels.

2013 年 4 月 17 日，瑞典哥德堡市市长安娜丽·胡田女士一行来访参观领导决策平台系列产品。

Ms. Anneli Hulthén, Mayor of Gothenburg, Sweden and representatives of MUF visited the lab reviewed the decision-making platform.

2013 年 4 月 24 日，瑞士驻沪总领事馆副总领事 Pascal Marmier 参观领导决策平台系列产品

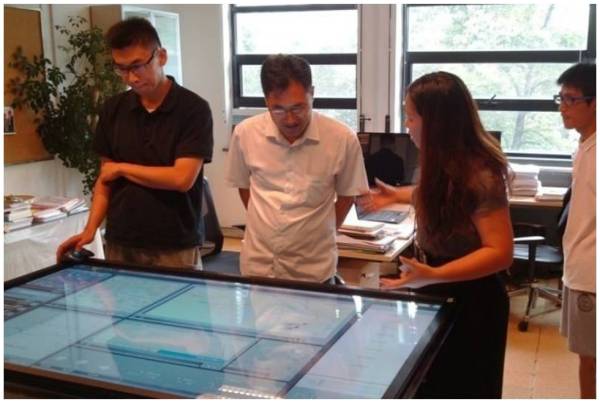
Mr. Pascal Marmier, Deputy Consul General of Switzerland reviewed the development and Leadership Decision-making platform series products.

2013 年 8 月 26 日，法国 ENTPE 绿色建筑论坛代表团参观领导决策平台系列产品开发。

Participants and delegation of ENTPE Green Building French-Chinese Seminar visited Wenyuan Building and reviewed the product series of Leadership Decision-making Platform.

2013 年 8 月 26 日，吴志强教授接待上海科学技术出版社魏晓峰副总编辑、上海市科技委技术发展部副主任朱俊等一行三人参观决策平台。

Prof. WU Zhiqiang met with WEI Xiaofeng, Deputy Editor-in-Chief of Shanghai Science and Technology Press, ZHU Jun, Deputy Director of Development Department, Shanghai Science and Technology Commission and other representatives, and introduced to them the decision-making platform.



2013 年 11 月 22 日，德国工程院院士，Cottbus 大学教授 Klaus KORNWACHS 受聘为高密度区域智能城镇化协同创新中心特聘教授并参观领导决策平台系列产品。

Prof. Klaus KORNWACHS, academician of acatech and professor of Cottbus University, was appointed Honorary Professor of CIUC, and reviewed the series products of Leadership Decision-making Platform.

2013 年 12 月 17 日，法国国立路桥大学（ENPC）校长，并举行合作洽谈会。会后参观领导决策平台系列产品。

Armel de LA BOURDONNAYE, Director of National School of Bridges and Roads (École nationale des ponts et chausses), France reviewed the series products of Leadership Decision-making Platform and showed interest for future cooperation.

村镇发展规划与环境整治技术预测分析

Prediction and analysis of rural development planning and environment protection technologies

课题来源：	科技部农村司
时间：	2013 年 8 月
项目负责人：	张亚雷
协同单位：	同济大学 中国工程院 住房与城乡建设部村镇司 国务院发展研究中心技术经济部 中国科学院资源环境科学与技术局 国家发改委城市和小城镇改革发展中心 中国科学院生态环境研究中心 中国环境保护产业协会水污染治理委员会 中国城市规划设计研究院 中国环境科学研究院 中国建筑设计研究院 中国乡村规划院 中国水利水电科学研究院 中科院地理科学与资源研究所 中国科学院遥感与数字地球研究所 中国农业科学院农业环境与可持续发展研究所 清华大学 北京大学 哈尔滨工业大学等
Source:	Division of country, Ministry of Science and Technology
Time:	2013 Aug.
Project Director:	ZHANG Yalei
Partners:	Tongji University Chinese Academy of Engineering Division of Villages and Towns, Ministry of Housing and Urban-rural Development Division of Technology and Economics, Development Research Center, State Council Resource and Environment Science and Technology Bureau, Chinese Academy of Science City and Small Town Reform and Development Center, National Development and Reform Commission Eco-environment Research Center, Chinese Academy of Science Water Pollution Treatment Committee, China Association of Environmental Protection Industry Chinese Academy of Urban Planning and Design Chinese Research Academy of Environmental Sciences China Architecture Design and Research Group China Rural Planning Institute China Institute of Water Resources and Hydropower Research Institute of Geographic Sciences and Natural Resources Research, CAS Institute of Remote Sensing and Digital Earth, CAS Institute of Environmental and Sustainable Development in Agriculture, CAAS

Tsinghua University
Peking University
Harbin Institute of Technology
Innovative Highlights:
Town planning layout and real-time measurement and monitoring technology
Rural land multi-source sensor monitoring technology and equipment
Overall urban-rural land allocation and treatment technology
Decision-making supporting system and multi-context control technology for the planning and layout of town infrastructures
Construction of ecological industrial chain and ecological restoration based on rural urbanization
Safety and support technology for drinking water and healthy water in villages and towns
High-efficiency and low-cost sewage treatment and recycling technology
High efficiency, resource and ecology-oriented garbage collection and treatment technology in villages and towns
Soil and groundwater pollution rehabilitation and control technology
Comprehensive Rural Habitat Environment Treatment Technology

创新点：

村镇规划布局与实时监测调控技术

村镇土地多源传感监测技术及装备

城乡一体化土地统筹配置与整治技术

村镇公共服务设施规划布局决策支持系统与多情境调控技术

基于农村城镇化的生态产业链构建和生态功能修复

村镇饮用水与健康水系安全保障技术

高效低成本污水处理与循环利用技术

村镇生活垃圾高效收集 – 资源化 – 生态化技术

村镇土壤地下水污染修复及控制技术

村镇人居环境综合整治技术

Innovative Highlights:

Town planning layout and real-time measurement and monitoring technology

Rural land multi-source sensor monitoring technology and equipment

Overall urban-rural land allocation and treatment technology

Decision-making supporting system and multi-context control technology for the planning and layout of town infrastructures

Construction of ecological industrial chain and ecological restoration based on rural urbanization

Safety and support technology for drinking water and healthy water in villages and towns

High-efficiency and low-cost sewage treatment and recycling technology

High efficiency, resource and ecology-oriented garbage collection and treatment technology in villages and towns

Soil and groundwater pollution rehabilitation and control technology

Comprehensive Rural Habitat Environment Treatment Technology

《绿色校园评价标准》成为 2014 年国家工程建设标准规范制订修订工作内容

Green Campus Assessment Standard listed in the 2014 National Plan for Engineering Construction Criteria Compilation Work

课题来源：	中华人民共和国住房和城乡建设部标准定额司
时间：	2013 年 12 月 -2015 年 12 月
负责人：	吴志强
主要参与人：	汪滋淞、田慧峰、石铁矛、王崇杰、吕伟娅、葛坚、陈胜庆、张琦、薛一冰、徐燊、王小平、栗德祥
Sources:	Division of Criteria and Quota, Ministry of Housing and Urban-rural Development
Time:	2013 Dec-2015 Dec
Project Director:	WU Zhiqiang
Editorial Team:	WANG Zisong, TIAN Huifeng, SHI Tiemao, WANG Chongjie, LV Weiya, GE Jian, CHEN Shengqing, Zhang Qi, XUE Yibin, XU Shen, WANG Xiaoping, LI Dexiang

创新点

Innovative Highlights

为贯彻执行节约资源和保护环境的国家技术经济政策，推进可持续发展，规范绿色校园的评价，引导绿色校园的建设，促进环境教育的开展，制定《绿色校园评价标准》。《绿色校园评价标准》可作为我国开展绿色校园评价工作的技术依据。“标准”已经列入中华人民共和国住房和城乡建设部标准定额司《2014 年工程建设标准规范制订修订计划》，定于 2013 年 12 月 27 日在北京召开该标准的工程建设标准编制工作会议。加强标准编制工作管理，提高标准编制质量和工作水平。

本标准适用于新建、改建、扩建以及既有中小学和高等学校绿色校园的设计、建设和运营的评价。

主要技术内容：节地与可持续发展场地、节能与能源利用、节水与水资源利用、节材与材料资源利用、室外环境与污染物控制、运行管理、教育推广等。

The “Green Campus Assessment Standards” is compiled with the purpose of enforcing the national technological and economical policies of resource conservation and environment protection, pushing forward sustainable development, setting regulations for green campus evaluation, guiding green campus construction and promoting environmental education. The Standards will be the technological foundation for the green campus evaluation in China and has already been listed in 2014 Plan of National Engineering Criteria Compilation and Amendment Work set by the Division of Criteria and Quota, Ministry of Housing and Urban-Rural Development. A workshop for the compilation of this national Standards commenced on 27 Dec., 2013.

The Standards is applicable to the evaluation of the design, construction and operation of all newly built, rebuilt, expanded and existing campus buildings in primary schools, middle schools, universities and higher education institutes.

Major Technologies: Land conservation and sustainable sites, energy conservation and usage, water conservation and usage, material conservation and usage, indoors environment and pollutant control, operational management and education and promotion.

编号 2014-1-045

工程建设标准定额制订、修订项目合同

项 目 名 称：绿色校园评价标准

甲方（主 管 单 位）：住房和城乡建设部标准定额司

乙方（主 编 单 位）：中国城市科学研究会

丙方（乙方的管理机构）：住房和城乡建设部

住房和城乡建设部标准定额司

二〇 年 月 日

等级 *Grade*	一般项数（共 51 项）							优选项数（共 21 项） *Priority Requirements (21Items)*
	规划与可持续发展场地（共 10 项） Land Conservation and Sustainable Sites (10)	节能与能源利用（共 9 项） Energy Conservation and Utilization (9)	节水与水资源利用（共 5 项） Water Conservation and Water Resource Utilization (5)	节材与材料资源利用（共 7 项） Material Conservation and Utilization (7)	室内环境质量（共 9 项） Indoor Environment and Pollutant（9）	运行管理（共 5 项） Operation and Management (5)	教育推广（共 5 项） Education and Promotion (5)	
★	4	4	2	3	4	2	2	—
★★	5	6	3	4	5	3	3	6
★★★	6	8	4	5	6	4	4	10

表 -1 划分绿色校园等级的项数要求（中小学校）

Table 1 Grading Requirements (Primary and Secondary Schools)

智慧城市技术产品集开发研究

Research and Development of Smart City Technology Products Collection

课题来源：	中国城市科学研究会
时间：	2012 年 -2013 年
协同单位：	城科会、浙江大学等
Sources:	Chinese Society for Urban Studies
Time:	2012-2013
Partners:	Chinese Society for Urban Studies, Zhejiang University

创新点

Innovative Highlights

创建智慧城市，迫切需要顶层设计、技术方法等方方面面的强力支撑。为此，住房和城乡建设部中国城市科学研究会数字城市工程研究中心会同国家智慧城市产业技术创新战略联盟开展了“智慧城市技术产品集”建设工作。

“智慧城市技术产品集”是遵循国家、行业和智慧城市相关标准，具有数据与技术标准化、可交换共享等特征的智慧城市技术产品有机集合体。该产品集提供的技术产品来源于国家智慧城市产业技术创新战略联盟成员单位，由数字城市工程研究中心进行产品分析、筛选和信息梳理，编制形成的系列产品。本期产品集收纳了 200 多项技术产品信息，在后续工作中将开展产品的深度分析和标准化。

该产品集共分为两部分，第一部分是目录，按照《国家智慧城市（区、镇）试点指标体系（试行）》中 4 大类 11 小类 57 个指标对产品信息组织编目，便于读者依据指标体系寻找相应的技术产品。第二部分是产品信息，描述每个技术产品的功能、应用领域和成功案例等信息，便于读者了解每个技术产品的概况。

Top design and technologies are in urgent need for the creation of Smart City. Under this context, Digital City Engineering Research Center, Chinese Society for Urban Studies, Ministry of Housing and Urban-Rural Development, together with National Alliance of Smart City Industry Technology Innovation and Strategy, launched the construction work of “Smart City Technology Products Collection.”

The Collection is complied in accordance with national and professional regulations and standards related to Smart City, and products included in the Collection are standard data or technologies that could be exchanged and shared. Technology products developed by members of the National Alliance of Smart City Industry Technology Innovation and Strategy are analyzed, selected and sorted by Digital City Engineering Research Center before being collected in the Collection in series. The newly release version has included information of more than 200 technology products and the related in-depth analysis and standardization will be carried on in following versions.

The Collection consists of two parts. Part one is Product Catalog, where products are listed under 4 major categories, 11 items and 57 indexes, according to the sorting prescribed in the National Smart City Pilot Site Index System. Part Two contains the product information, including introduction to products’ functions, applicable fields and successful cases.

信息时代中国城市就业与居住空间变化研究

Research on spatial changes of employment and residence in China in the Age of Information

课题来源：	国家自然科学基金资助项目
时间：	2010 年 1 月 -2012 年 12 月
项目负责人；	甄峰
协同单位：	南京大学
Sources:	National Natural Science Foundation Project
Time:	2010 Jan- 2012 Dec
Project Director:	ZHEN Feng
Partners:	Nanjing University

创新点

（1）南京国际社区的社会空间发展经历初步形成期、快速发展期及稳步发展期，社会空间由同质性发展到异质性加强，再发展到现今突出的异质性特征。

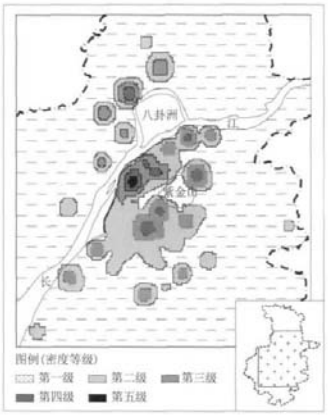
（2）南京国际社区因全球化下跨国经济联系而生，因城市历史文化、教育设施、优惠政策而兴；国际社区居民通过工作、学习与本地社会产生联系，社会空间结构逐渐呈现出在高校和开发区双重力量作用下，社区居民分布混合有序的复杂结构型式

Innovative Highlights

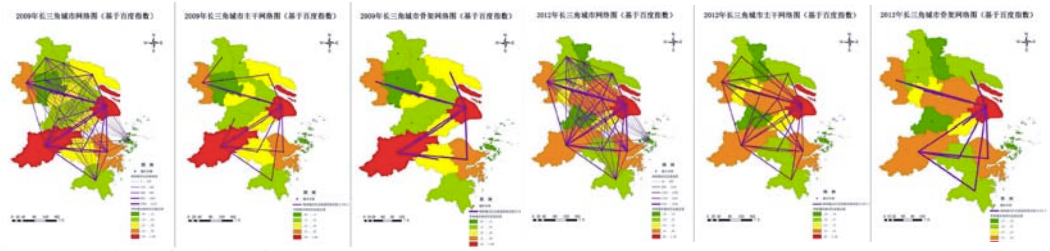
(1) The social space development of Nanjing international community has undergone initial formation stage, rapid development stage and steady development stage. It illustrates an evolution from homogeneous development to heterogeneous enhancement, and reflects the prominent current heterogeneous characteristics.

(2) Nanjing international community was formed as a result of transnational economic links and thrived because of the city's historical culture, educational infrastructure and priority policies. Residents of international community are linked with the local society through employment and learning. And the social spatial structure reflects a complex mode which is generated by the dual-function of universities and development zones, and which features integrated and orderly residential pattern.

南京市用地分布图
Land use layout in Nanjing



南京市制造业就业空间核密度分析图
The Density Analysis of Spatial Distribution of Manufacture Employment



2009 和 2012 年长三角城市网络流量图对比 Comparison of network flow in Yangtze River Delta in 2009 and 2012

基于低碳生态层面的控规指标体系研究

Research on regulatory index system based on low-carbon ecology

课题来源：	上海同济城市规划设计研究院
时间：	2014 年 1 月 -2014 年 12 月
项目负责人：	苏运升
协同单位：	同济大学建筑与城市规划学院
Sources:	Shanghai Tongji Urban Planning and Design Institute
Time:	2014 Jan-2014 Dec
Project Director:	SU Yusheng
Partners:	College of Architecture and Urban Planning, Tongji University

创新点

Innovative Highlights

传统的控规指标主要包括用地性质的控制、土地开发强度的控制以及建筑和设施的控制等三方面的内容。类似用地性质、用地面积、建筑密度、建筑控制高度、建筑红线后退距离、容积率、绿地率、交通出入口方位、停车泊位及其他需要配置的公共设施等这些指标，本质上都是用于描述静态物质空间，并不能够用于描述能、水、物、气、地、生这样的自然流动性要素。在大数据背景和实时信息系统的支撑下，通过现有的技术手段预测，呈现，监测和控制能、水、物、气、地、生这些自然的要素，全面升级作为传统的城市规划工具的控规指标。

Traditional regulatory indexes include land use feature control, land development intensity control, and buildings and infrastructure control, such as, land user, land use area, building density, building control height, property lines, floor-area ration, green land ration, traffic entrances and parking. However, such indexes are for static description and could not reflect the natural flows of energy, water, air, land and biology. Against the background of big-data era and with the support of real-time information system, current technologies are able to predict, reflect, monitor and control the elements of energy, water, material, air, land and biology. And such technologies are to be upgraded to a system of regulatory indexes to serve the traditional urban planning.

杭州 2040 年城市发展策略前期研究

Preliminary Research on Hangzhou 2040 Urban Development Strategy

项目来源 /Trustor:	杭州市规划局 / Hangzhou Urban Planning Bureau
时间 /Time:	2012.6 至 2013 年 6 月 2012.6-2013.6
编号 /Nr.:	10dz0583800
协同单位 /Partner:	同济大学、上海同济城市规划设计研究院、杭州市规划编制研究中心 Tongji University, Shanghai Tongji Urban Planning and Design Institute, Hangzhou Planning Research Center

创新点

本研究首先对国内外十个典型城市的长期发展战略规划，从“机遇与挑战”、“目标与愿景”、“战略议题”、“应对策略”、“规划评价”、“规划创新”等六个方面进行判读。之后，结合区域和城市发展的主要矛盾，从解决“城市病”和“城市发展转型与创新”两个专题入手，提出规划战略和解决对策。

在充分了解创新阶层的特征与需求的基础上，提出适宜创新阶层的空间发展目标体系。运用城市发展“转”型的“承”、“起”、“合”模式，提出“3+1”创新驱动产业体系，并结合杭州实际情况给出空间布局。

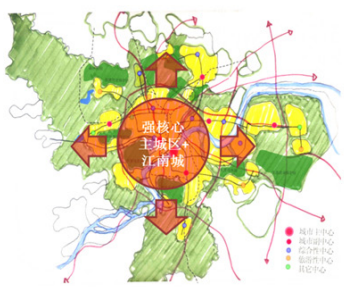
“城市病”专题在对既有空间增长特征和未来城市空间增长趋势展开分析和判断的基础上，针对杭州未来 30 年因城市增长而可能带来的城市空间结构矛盾，提出策略性的思路和对策。

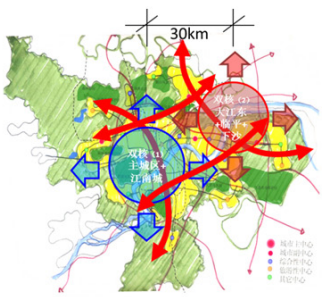
Innovative Highlights

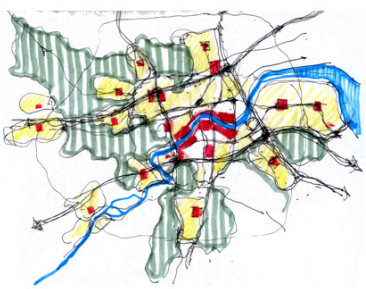
Taking ten domestic and international long-term strategic development plan as case studies, the research analyses above plan from the perspectives of "Opportunities and Challenges", "goal and vision," "strategic issues", "coping strategies", "program evaluation", "Planning for Innovation". And then, it casts on two topics of "urban disease" and "urban development transformation and innovation", and puts forward planning strategies and solutions.

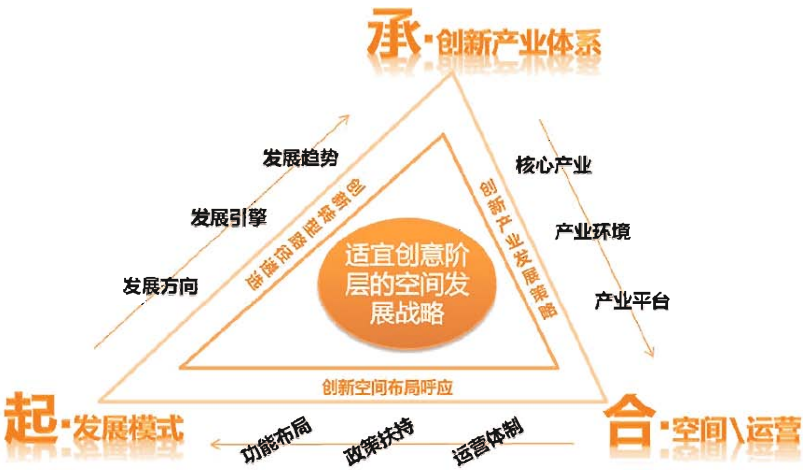
Based on the analysis of innovation group's spatial demand, the topic research puts forward spatial development system for innovation group. And using urban development mode of "zhuan-cheng-qi-he", the research brings out "3 +1" innovation-driven industrial system and spatial layout.

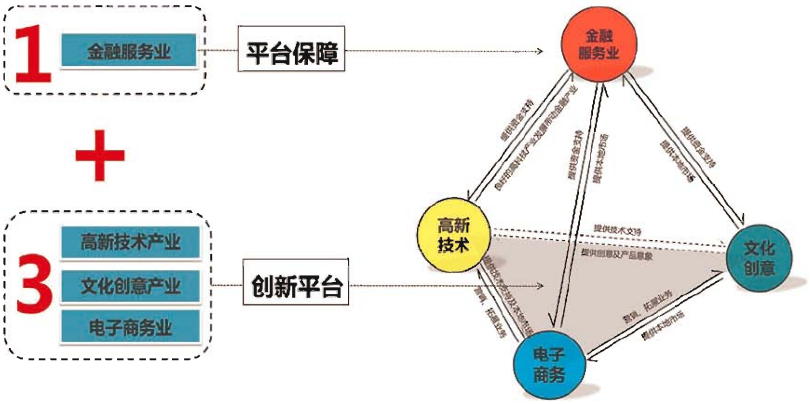
"urban disease" research focuses on the analysis of existing space growth and future trend, putting forward strategic thinking and countermeasures especially for spatial contradictions driven by urban rapid sprawl in Hangzhou.

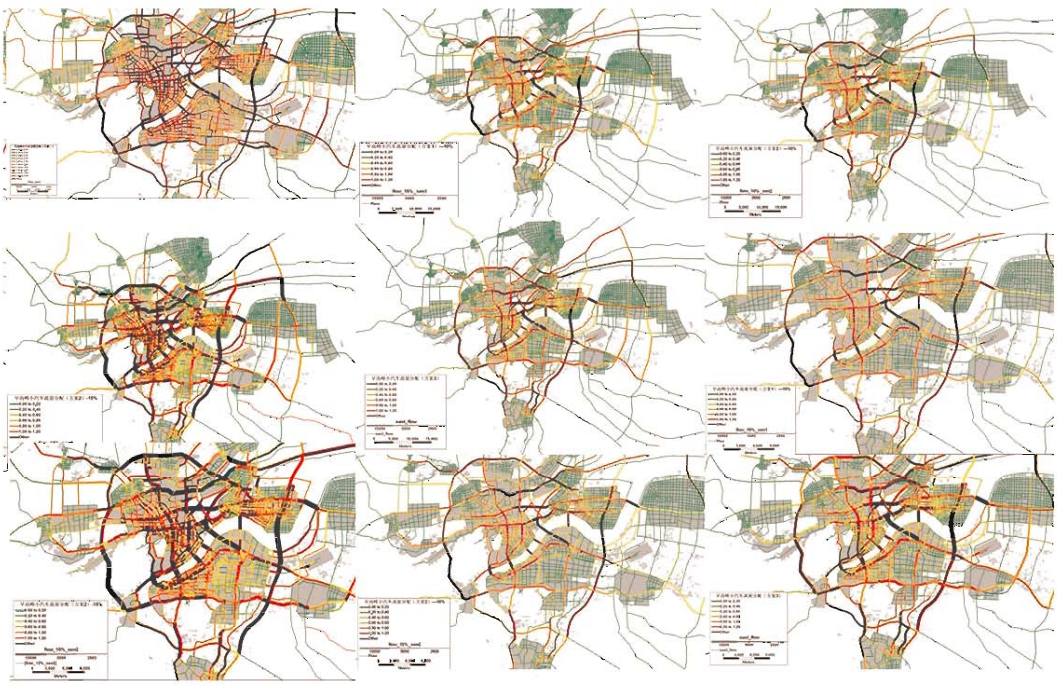







承·创新产业体系
发展趋势
发展引擎
发展方向
核心产业
产业环境
产业平台
适宜创意阶层的空间发展战略
创新空间布局呼应
起·发展模式
功能布局
政策扶持
运营体制
合·空间\运营


1
金融服务业
平台保障
+
3
高新技术产业
文化创意产业
电子商务业
创新平台
金融服务业
高新技术
文化创意
电子商务



上海“环同济设计创意产业集聚区”升级策略研究——打造校城融合的创意智慧街区

Research on Strategies for Upgrading “Tongji Design Industries Area”of Shanghai––Creating Smart Community Based on Interaction Development between Campus and City

项目来源 /Trustor:	2013 年上海市促进文化创意产业发展财政扶持资金 Shanghai Financial Supporting Fund to Promoting the Development of Cultural and Creative Industries
时间 /Time:	2013.3 至 2014 年 7 月 2013.3-2014.7
编号 /Nr.:	10dz0583800
协同单位 /Partner:	同济大学、杨浦区政府、杨浦区四平街道、上海市电信沪东分局、上海市同济城市规划设计研究院 Tongji University, Yangpu Municipal Government, Yangpu Siping Road Citizens’ Committee, Shanghai Telecom Hudong Branch, Shanghai Tongji Urban Planning and Design Institute

创新点

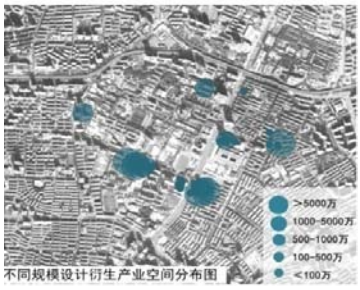
“环同济设计创意产业集聚区”经过三十多年的发展，经历了辉煌的上升期期，被誉为中国的硅谷，然而随着设计产业日趋激烈、城市再开发成本上升和物业成本上涨、中小企业发展受限等因素的制约，面临着诸多发展瓶颈和整体提升要求，加快设计产业升级、促进校城融合、提升整体形象和品牌已经成为下一步发展亟待解决的问题。

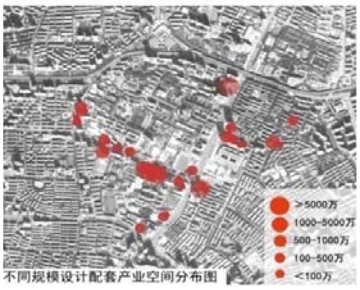
以先进的智能技术为基础，将智慧技术与手段应用于街区更新、校城共融、产业园区的改造升级中，通过智慧信息共享、智慧交通体系、智慧社区建设、智慧能源管理、智慧公共服务五个方面，将环同济片区整体打造成为上海市“智慧街区”示范点。

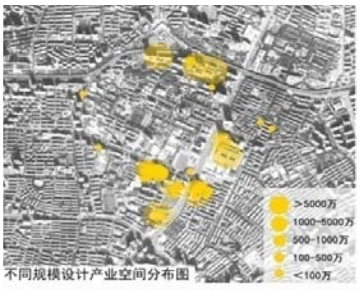
Innovative Highlights

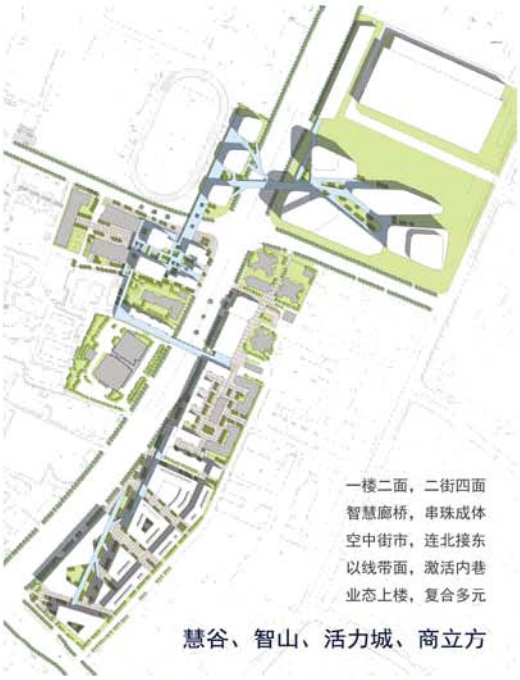
“Tongji Design Industries Area” well known as China’s Silicon Valley, has experienced rapid development during thirty years since 1990s. However, the design industry is becoming increasingly fierce, and urban re-development costs and property costs is high rising, so its development is facing many limits, such as industrial upgrading, city-campus interactive promotion, the overall image and brand development and so on.

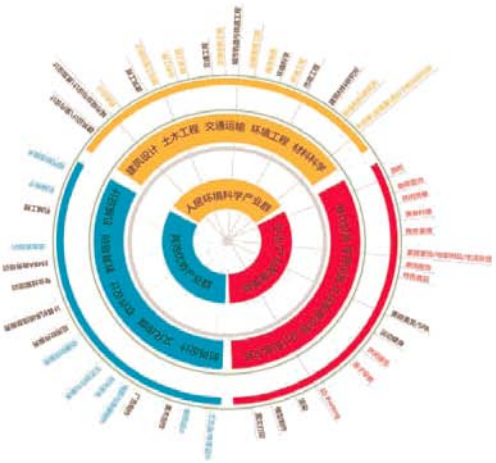
Based on the application of advanced intelligent technology, the research introduces SMART concept into the regeneration of community, city-campus co-development, and industrial park upgrading, through five aspects including the sharing of intelligence information, intelligent transportation systems, smart community building, smart energy management, smart public services. Through above strategies, the government is dedicated to build “Tongji Design Industries Area” as a demonstration of “SMART COMMUNITY” in Shanghai.

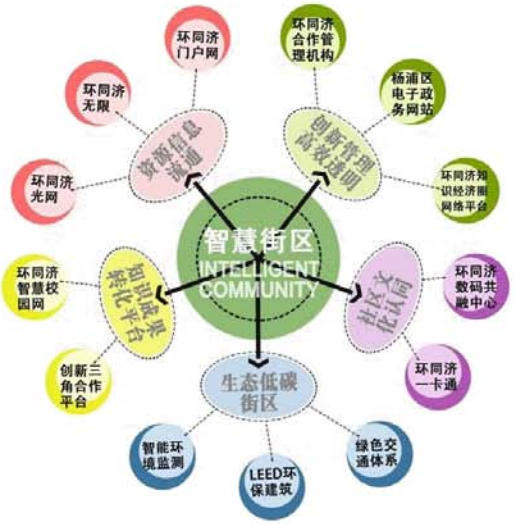


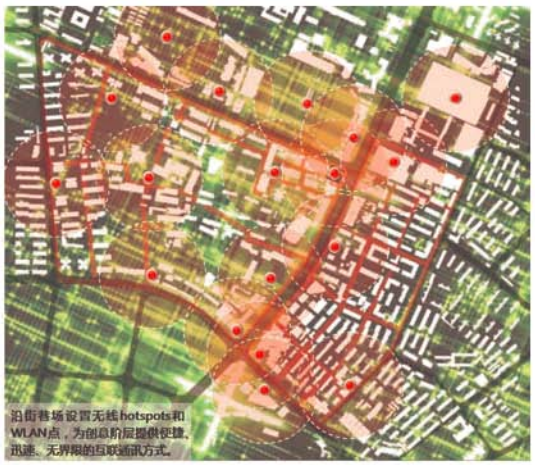


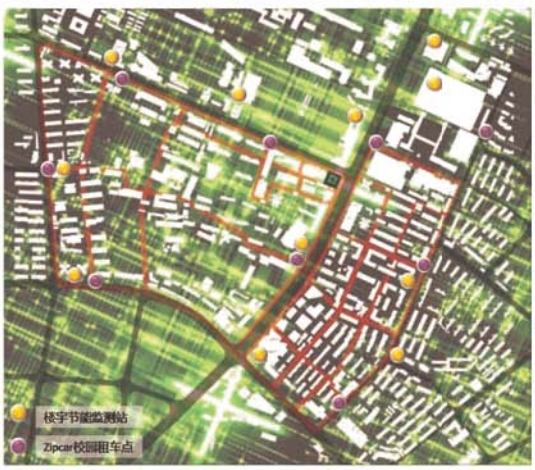



一楼二面，二街四面
智慧廊桥，串珠成体
空中街市，连北接东
以线带面，激活内巷
业态上楼，复合多元
慧谷、智山、活力城、商立方




智慧街区
INTELLIGENT COMMUNITY
环同济门户网
环同济合作管理机构
环同济无限
杨浦区电子政务网站
环同济光网
环同济知识经济圈网络平台
环同济智慧校园网
环同济数码共融中心
创新三角合作平台
环同济一卡通
智能环境监测
绿色交通体系
LEED环保建筑


沿街营场设置无线hotspots和WLAN点，为创意阶层提供便捷、迅速、无界限的互联通讯方式。


楼宇节能监测站
Zipcar校园租车点


街区低碳交通租赁分布点
街区交通信息调度点

乡镇村落风貌景观专题研究
——上海郊野公园村落风貌景观专题研究

Research on Rural Settlements Landscape Planning-A Case Study of Landscape Planning of Villages in Shanghai Country Park

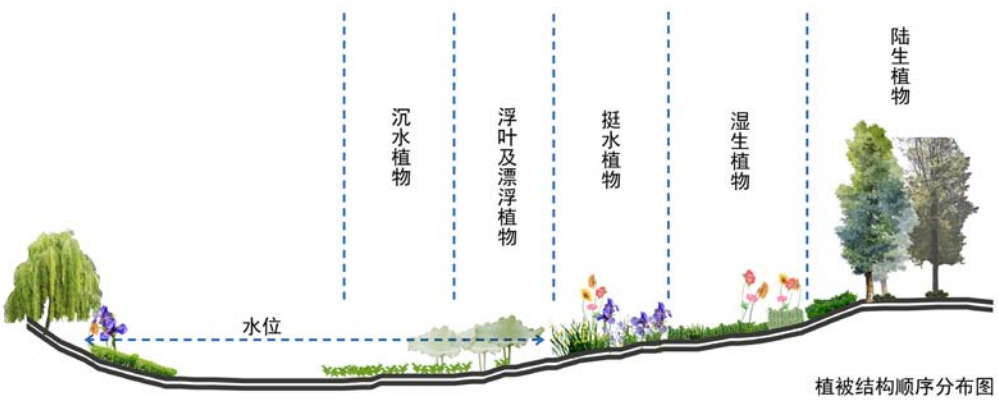
项目来源 /Trustor:	上海市郊野公园课题组专项研究课题 ,2013 年上海市同济城市规划设计研究研究课题 / Key Research of Shanghai Country Park，2013 Special Financial
时间 /Time:	2013.3 至 2013 年 12 月 2013.3-2013.12
编号 /Nr.:	10dz0583800
协同单位 /Partner:	上海市同济城市规划设计研究院、上海市城市规划设计研究院 Shanghai Tongji Urban Planning and Design Institute, Hangzhou Planning Research Center, Shanghai Urban Planning and Research Instit

创新点

以青浦青西郊野公园内的典型村落为研究对象，通过对郊野公园内现状村落风貌景观要素的提取与分析，对要素的提炼与各元素整合方式进行研究，提出重塑郊野公园村落景观风貌技术框架的三个层次：人文精神景观塑造、村落整体景观风貌塑造、村落微观场景营造。研究目的在于寻找村落中的群体组合类型、建筑空间的总体特征，自然景观肌理，及其背后所承载的风土人情、历史变迁、地形地貌等要素，并他们融入到当代的村庄规划设计中，以挖掘、保护、开发为基本理念，通过村风、村景、村貌、村业、村艺、村建、村乐、村居再塑村落风貌景观。

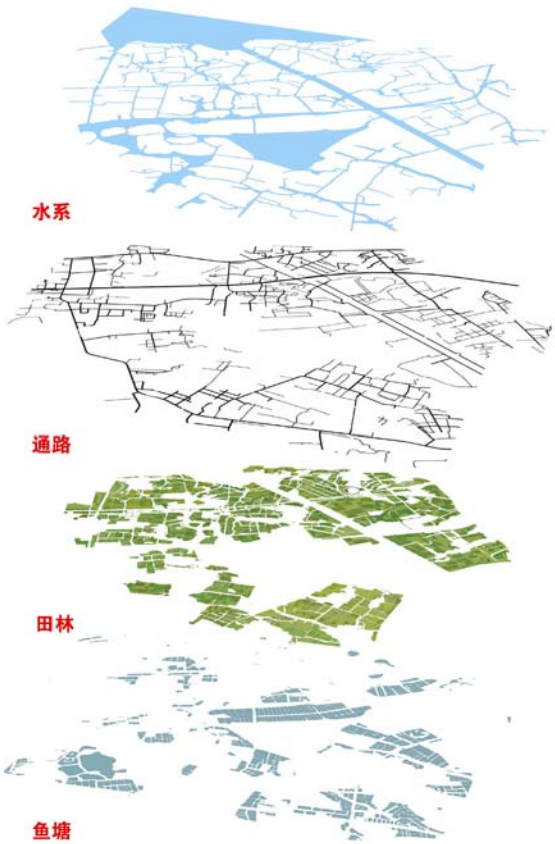
Innovative Highlights

Taking the typical villages of Qingxi Country Park as case studies, the paper analyses the landscape character of existing villages, and brings out the landscape planning frame from three levels: human spirit landscape, the overall village landscape, and microscopic place. The paper intends to find the topography of architecture groups, characteristics of architectural space, natural landscape texture, village customs and its historic culture, in order to combine them into the contemporary planning. With the exploration, protection and development of those villages as the primary ideas, we suggest that the village landscape should be re-established through the framework of village culture, village landscape, village form, village industry, village art, village architecture, village public space as well as village residence.



植被结构顺序分布图


村风 村落民族风俗
村艺 村落非物质文化遗产
村景 村落自然景观
村貌 村落空间格局
农宅院落 村居
村落产业发展 村业
村落建设风貌 村建
村落公共活动 村乐
村落风貌景观
塑造技术框架


水系
通路
田林
鱼塘


——稻田呈块状拼贴分布
——稻田沿河呈放射状分布
圈层分布型林地肌理
羽毛状林地肌理

Research on Eco-Low Carbon Neighborhood Urban design guide lines in view of Leed-ND System in Macao

Tongji University, Tongji Urban Planning and Research

Jiangsu Urban Planning and Design Research Institute,
Beijing Planning Institute

Innovative Highlights

Research Framework

科研攻关：书籍
Scientific Research: Book & Report

联合国人居署出版物翻译与研究——《世界城市状况报告》系列

UN-HABITAT Publication Translation and Research –State of World's Cities (SOWC) Series Reports

项目来源：	住房和城乡建设部计划财务与外事司
时间：	2012 年 12 月至 2014 年 3 月
项目负责人：	吴志强
译制组：	吴志强、陈志端、陈锦清、邓雪湲、干靓、甘惟、郭微润、姬凌云、李东红、李世庆、李欣、刘朝晖、刘海涛、陆天赞、吕荟、马春庆、彭雪辉、裘勇懿、单峰、宋雯珺、苏运升、孙江宁、孙亮、唐晓薇、王思成、杨婷、杨迎旭、姚放、叶钟楠、尹宏玲、俞剑玲、俞晶、曾悦、张林军、赵艳莉、周飞逸、朱晓玲、朱颖华、邹子敬
研究团队：	吴志强、陈锦清、仇勇懿、单峰、毛蔚瀛、彭雪辉、叶钟楠、尹宏玲、郑迪
协同单位：	同济大学建筑与城市规划学院
Trustor:	China Intelligent Urbanization Co-creation Center for High Density Region
Time:	2012 Dec.- 2014 Mar.
Translation Team:	WU Zhiqiang, CHEN Zhiduan, CHEN Jinqing, DENG Xueyuan, GAN Jing, GUO Weirun, JI Lingyun, LI Donghong, LI Shiqing, LI Xin, LIU Zhaohui, LIU Haitao, LU Tianzan, LV Hui, MA Chunqing, PENG Xuehui, QIU Yongyi, SHAN Feng, SONG Wenjun, SU Yunsheng, SUN Jiangning, SUN Liang, TANG Xiaowei, WANG Sicheng, YANG Ting, YANG Yingxu, YAO Fang, YE Zhongnan, YIN Hongling, YU Jianling, YU Jing, ZENG Yue, ZHANG Linjun, ZHAO Yanli, ZHOU Feiyi, ZHU Xiaoling, ZHU Yinhua, ZOU Zijing
Project Director:	WU Zhiqiang
Research Team:	WU Zhiqiang, CEHN Jinqing, QIU Yongyi, SHAN Feng, MAO Weiying, PENG Xuehui, YE Zhongnan, YIN Hongling, ZHENG Di
Partners:	College of Architecture and Urban Planning, Tongji University

创新点：

Innovative Highlights:

1. 形成系列翻译。本次翻译的联合国人居署《世界城市状况报告》4 册，与 2009 年已出版的《和谐城市 - 世界城市状况报告 2008-2009》中译本形成系统的翻译、研究、引荐工作。

2. 城市规划专业词汇更新。以联合国人居署《世界城市状况报告》系列翻译为契机，通过各专业背景的专家讨论，修正、更新和扩充现有的城市规划专业词汇，确定常用术语的中英文翻译法，提升中国城市规划专业的研究成果的国际化。

3. 全球热点问题动态研究。联合国人居署《世界世界城市状况报告》报告根据全球热点问题每两年形成一次，体现了全球城市问题动态，如全球化、贫民窟、城镇化、城市分化、社会公平、资源永续使用等。这些主题的研究有助于中国城市研究者把握全球城市现状和研究方向。

4.《世界城市状况报告》对中国现状研究的启示。研究《世界城市状况报告》采用的调研、分析、研究方法，并应用到中国城市现状研究中；借鉴《世界城市状况报告》的全球热点问题，诊断中国城市发展中出现和隐藏的问题；研究《世界城市状况报告》中建议的应对城市问题的政策、战略，结合中国现状，提出适合中国城市问题的解决方案和政策。

5. 国际社会对于中国的关注点研究：研究历年《世界城市状况报告》中呈现现的中国城市问题，有助于学者了解国际对于中国的关注点和关注点的变迁，以此形成简报，为中国政策设计者和决策者提供信息支持和参考依据。

1.A systematic work of translation and research: The four volumes translated in this project and the already published "Harmonious Cities-SOWC 2008-2009" form a systematic work of translation, research and introduction of UN publications.

2.Updating of urban planning terms: The translation of the SOWC series provides a chance to review and amend the existing translation of urban planning terms, as well as to bring in new wordings. This part of research aims to smoothen the pathway of Chinese urban planning research achievements towards international platform.

3.Dynamic research on global hotspots: SOWC reports are compiled every two years, focusing on the current global hotspots, such as globalization, slums, urbanization, urban divide, social equality and sustainability. Research on such themes would provide Chinese urban researchers the full view of global urban status and research directions.

4.The revelation of SOWC on China status research: The survey, analysis and research methods of SOWC could be employed in the study of Chinese status. The themes of SOWC would provide ideas for diagnosing urban issues in China. The suggested solutions, policies and measures, could be learnt from in the making of solutions and policies for Chinese urban issues.

5.Research on the international focal points on China: Study of the Chinese issues reflected and recorded in the SOWC reports would provide a general idea about what the world is seeing from China and how the focal points change. A related report would be issued to provide data and reference for Chinese policy makers and decision makers.

联合国人居署《致力于绿色经济的城市模式》中文版丛书

Un-Habitat Urban Patterns for A Green Economy Chinese Series

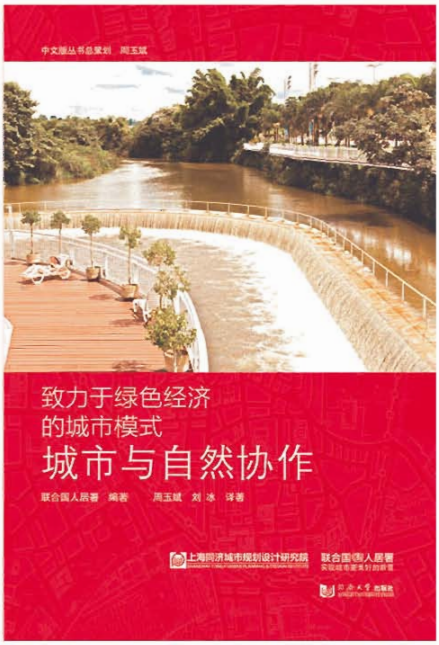
主编单位：	高密度区域智能城镇化协同创新中心（上海同济城市规划设计研究院）
中文版丛书总策划：	周玉斌
参编人员：	周玉斌、刘冰、应盛等
协同单位：	联合国人居署
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region（Shanghai Tongji Urban Planning & Design Institute, TJUPDI）
Editorial Director:	Zhou Yubin
Editorial Team:	Zhou Yubin, Liu Bin, Ying Sheng
Partners:	UN-Habitat

内容概要

联合国人居署《致力于绿色经济的城市模式》丛书是联合国人居署在 2012 年 6 月的“联合国可持续发展大会”（又称“里约 +20”峰会）上首次发布英文版，并决定以阿拉伯语、汉语、英语、法语、俄语和西班牙语六种联合国工作语言在全球发布。上海同济城市规划设计研究院承担汉语版发布。丛书一套 4 本，分别包括：《城市与自然协作》、《城市密度杠杆》、《城市基础设施优化》和《城市集群竞争力》。该套丛书既详细阐释了当代城市模式如何走向绿色经济的理论知识，又包含了全球众多城市案例，为全球城市的可持续发展指明了新的发展方向，即走向绿色经济的城市模式。联合国副秘书长、联合国人居署执行主任 Joan Clos 博士亲自为本丛书作序。同济规划院周俭院长为中文版丛书撰写了译序。联合国人居署特邀请同济规划院周玉斌副院长担任中文版丛书总策划。中文版丛书与 2013 年 11 月 18 日在“2013 中国城市规划年会”上发布。

Summary

Un-Habitat Urban Patterns for A Green Economy Series were firstly launched in English in Rio+20 in June 2012 and latterly, it was decided to publish in the six UN work languages globally. TJUPDI was assigned by UN-Habitat to publish the Chinese series. The series contain 4 guides, including Working with Nature, Leveraging Density, Optimizing Infrastructure and Clustering for Competitiveness. The Series not only introduce the principles of how urban patterns turn to green economy, but also contain diverse cases globally, which outline a new development direction for world cities, that is urban patterns toward a green economy. Dr. Joan Clos, Under-Secretary and Executive Director of UN-Habitat writes the foreword for the Series and Prof. Zhou Jian, Director of TJUPDI writes the foreword for the translated series. Mr. Zhou Yubin is invited by UN-Habitat to undertake the Editorial Director. The Chinese Series were launched in National Planning Conference 2013.


中文版丛书总策划 周玉斌
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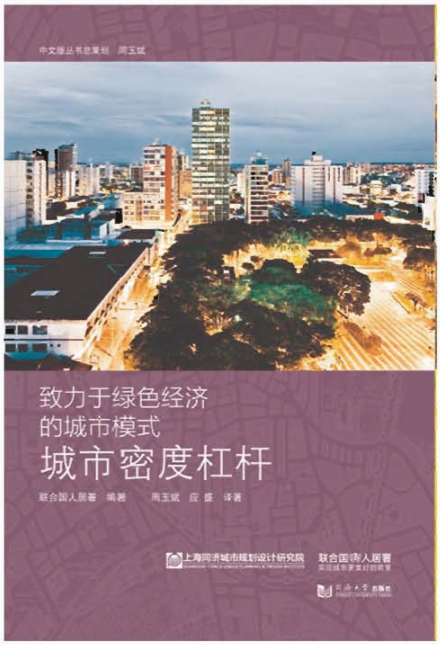
的城市模式
城市与自然协作
联合国人居署 编著 周玉斌 刘冰 译著
上海同济城市规划设计研究院
联合国人居署


中文版丛书总策划 周玉斌
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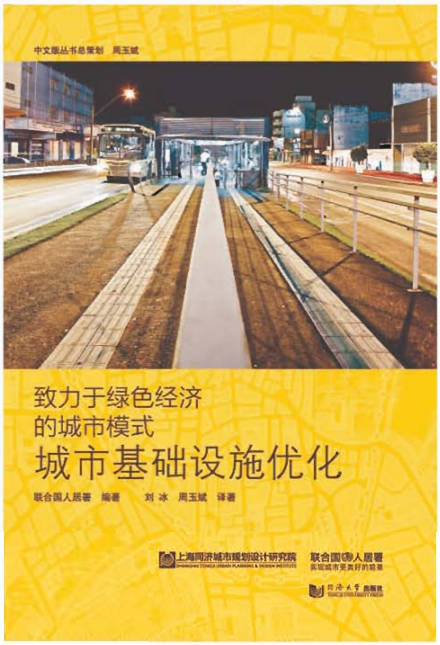
上海同济城市规划设计研究院
联合国人居署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城市基础设施优化
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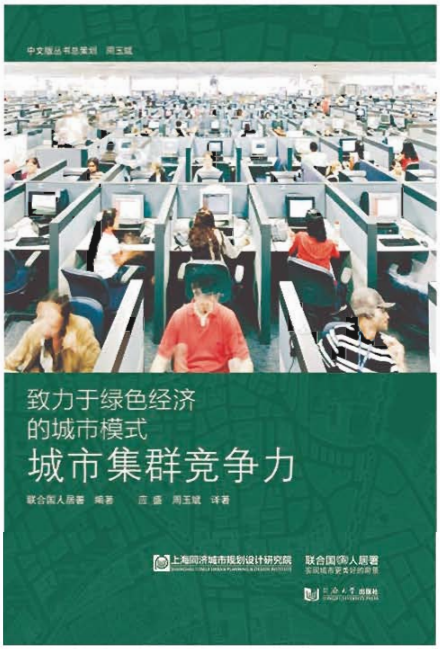
上海同济城市规划设计研究院
联合国人居署


中文版丛书总策划 周玉斌
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城市集群竞争力
联合国人居署 编著 应盛 周玉斌 译著
上海同济城市规划设计研究院
联合国人居署

《城市的世界》
A World of Cities

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、陈锦清、杨秀、马春庆、魏伊莎、韩婧、陈卫龙、索超、陆容立、胥星静、庄超、马君杰、田丹等
协同单位：	同济大学、复旦大学、城科会
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Team:	WU Zhiqiang, CHEN Jinqing, YANG Xiu, MA Chunqing, WEI Yisha, HAN Jing, CHEN Weilong, SUO Chao, LU Rongli, XU Xingjing, ZHUANG Chao, MA Junjie, TIAN Dan
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies

内容概要
Summary

在世博会结束两年之后，沉淀下来的思想引出城市规划者该如何引导城市的第六次新生的问题，即本书的意义所在——即通过世博各国经验精华的积累与梳理，掀起城市规划行业思想的第六次变革。新时期下新的城市问题需要用新的发展眼光、措施、政策、技术来对待和解决。面对愈发多元化的城市化发展模式，我们应当关注人居环境发展真正追求的目标：即实现城市及区域，乃至全球的永续与和谐发展，使全人类及后代都能充分享受人居环境发展和社会进步所带来的积极成果。

The book is compiled two years after Shanghai World EXPO and is a collection of thoughts on how urban planners should lead the sixth urban regeneration. Through study and analysis of international urban experiences showcased in Shanghai World EXPO, the book aims to inspire the sixth reform in the ideology of urban planning profession. Solution to urban issues in the new era requires new perspectives, measures, policies and technologies. The real goal of human habitat development should be clearly identified facing the increasingly diversified urbanization mode: the sustainable and harmonious development of regions, cities and the world and the welfare of human beings brought by such development and social advancement.

城市规划的发展史 The history of the urban planning	第一次新生 The first urban regeneration	第二次新生 The second urban regeneration	第三次新生 The third urban regeneration	第四次新生 The fourth urban regeneration	第五次新生 The fifth urban regeneration
时间阶段 Period	1900 年前后 Around 1900	1950–1960	1970–1980	1980–1990	1990–2010
学科发展里程碑 Milestone of urban planning development	现代城市规划理论诞生 The birth of modern urban planning theory	城市社会问题开始凸显，城市社会学成为显学 Uprising of urban social problems and urban social study turning into a major discipline	城市生态学成为城市规划的主要研究对象 Urban ecology turning into a major research objective of urban planning	以全球化视角站在了一个新高度研究城市经济 Globalization perspectives bringing new height to urban economic study	城市对全球环境变化的响应研究 Study on the urban response to global environment change

《绿色校园与未来》（发布版）（初小、高小、初中、高中、大学共 5 本）

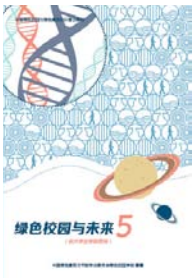
"Green Campus and Future" Textbook series of junior primary, senior primary, junior high, senior high schools and universities

主编单位：	高密度区域智能城镇化协同创新中心
主编人：	吴志强
参编人员：	龙惟定 、马文军、宋德萱、汪滋淞、王中平、王德平、叶海、申立银、薛一冰、吕伟娅、田慧峰、黄晨曦、朱丹、许鹏、陆江、赵秀玲、姚雪艳、徐燊、高庆龙、黄治钟、葛坚、管振忠、潘毅群、吴玥、张 宁、陈吉菁、陈铀、田芳、廖方、陈慧、王颖捷、王倩、关亚欣、李嵘、吴静等
协同单位：	中国绿色建筑与节能专业委员会绿色校园学组 能源基金会 WWF（世界自然基金会） 方兴地产 (中国) 有限公司
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang
Editorial Team:	LONG Weiding, MA Wenjun, SONG Dexuan, WANG Zisong, WANG Zhongping, WANG Deping, YE Hai, SHEN Liyin, XU Yibin, LV Weiya, TIAN Huifeng, HUANG Chenxi, ZHU Dan, XU Peng, LIU Jiang, ZHAO Xiuling, YAO Xueyan, XU Shen, GAO Qinlong, HUANG Zhizhong, GE Jian, GUAN Zhengzhong, PAN Yiqun, WU Yue, ZHANG Ning, CHEN Jiqin, CHEN You, TIAN Fang, LIAO Fang, CHEN Hui, WANG Yinjie, WANG Qian, GUAN Yaxin, LI Rong, WUJing
Partners	Green Campus Committee,China Green Building Council The Energy Foundation (EF) World Wide Fund For Nature(WWF) Franshion Properties (China)Limited

内容概要 *Summary*

《绿色校园与未来》系列教材包括小学初年级、小学高年级、初中、高中、大学 5 大系列，适用于全日制的中小学和大学本科教学选修课程普及教材。同时也作为国家标准《绿色校园评价标准》的“教育推广”评价内容的教材。旨在通过学校本身向学生、教师和全社会传播绿色生态观。大学绿色校园教育的推广是我国现阶段国情和社会进步的需要，其根本目的就是为了更好的推广和规范绿色学校的建设和发展，让全社会对绿色学校有一个更深刻的了解，并在两者之间产生良性互动，从而推动我国的可持续发展事业迈向一个更高的台阶。

“Green Campus and Future” is the textbook series for teaching and knowledge dissemination in primary schools (junior and senior), middle schools (junior and senior) and universities. It is also listed as the designated textbook series of “education and promotion” by the national “Green Campus Assessment Standard”. This textbook series aims to bring green concepts to students, teachers and the society at large, as the promotion of green campuses in universities is required by China’s current status and social advancement. The ultimate goal of compiling the textbooks is to further the construction of green schools, set green standards and regulations, make green school concept understood by the society, establish interactive relations between green schools and the society, and to push forward China’s sustainable development.



《绿色校园评价标准》（发布版）

Green Campus Assessment Standard (Released)

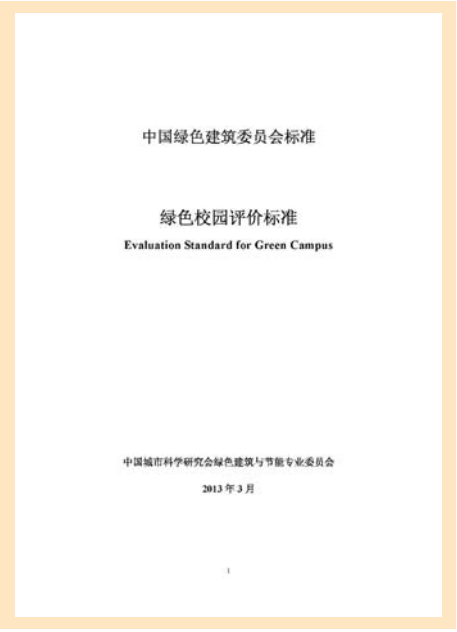
主编单位：	高密度区域智能城镇化协同创新中心
主编人：	吴志强
参编人员：	石铁矛、汪滋淞、田慧峰、王崇杰、吴永发、葛坚、吕伟娅、薛一冰、徐 燊、高庆龙等
协同单位：	中国城市科学研究会绿色建筑与节能专业委员会 中国建筑科学研究院上海分院
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang
Editorial Team:	SHI Tiemao, WANG Zisong, TIAN Huifeng, WANG Chongjie, WU Yongfa, GE Jian, LV Weiya, XUE Yibing, XU Shen, GAO Qinglong
Partners:	China Green Building and Energy Conservation Professional Council Chinese Academy of Building Research Shanghai Institute

内容概要

Summary

《绿色校园评价标准》，编号为 CSUS/GBC 04 - 2013，自 2013 年 4 月 1 日起实施，标准可作为我国开展绿色校园评价工作的技术依据。本标准适用于新建、改建、扩建以及既有中小学和高等学校绿色校园的设计、建设和运营的评价。

Green Campus Assessment Standard (national serial number CSUS / GBC 04 – 2013) was enforced since 1st Apr. 2013. The Standard is the technical base for China's green campus evaluation work of the design, construction and operation of all newly built, rebuilt and existing buildings in primary schools, middle schools and universities.


中国绿色建筑委员会标准

绿色校园评价标准

Evaluation Standard for Green Campus

中国城市科学研究会绿色建筑与节能专业委员会

2013 年 3 月

《绿色校园评价标准》操作细则（发布版）

Operation Manual of Green Campus Assessment Standard (Released)

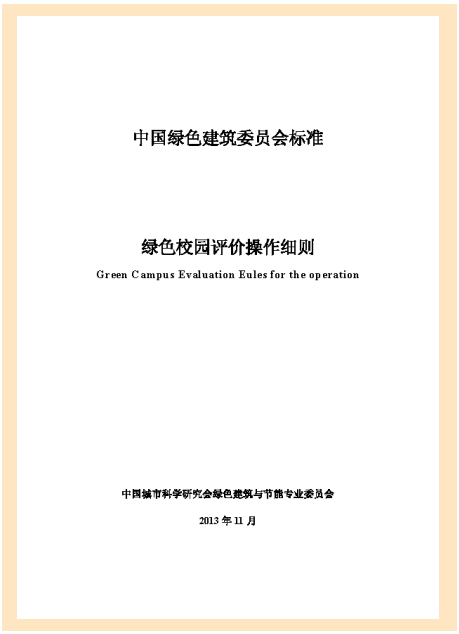
主编单位：	高密度区域智能城镇化协同创新中心
主编人：	吴志强
参编人员：	汪滋淞、田慧峰、马文军、王德平、王中平、 葛坚、吕伟娅、薛一冰、陈胜庆 王小平
协同单位：	中国城市科学研究会绿色建筑与节能专业委员会
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang
Editorial Team:	WANG Zisong, TIAN Huifeng, MA Wenjun, WNAG Deping, WANG Zhongping, GE Jian, LV Weiya, XUE Yibing, CHEN Shengqing, WANG Xiaoping
Partners:	China Green Building and Energy Conservation Professional Council

内容概要

Summary

为了更好地实行《绿色校园评价标准》CSUS/GBC 04 – 2013，引导绿色校园健康发展，编写《绿色校园评价标准技术细则》可为绿色校园的规划、设计、建设和管理提供更加规范的具体指导，为绿色校园的评价提供更加明确的审核原则，全面推进绿色校园理论和实践的探索与创新。

The Operation Manual is compiled to better implement the "Green Campus Assessment Standard" (CSUS / GBC 04 – 2013) and provide guideline for the healthy development of green campuses. It gives detailed suggestions for the planning, design, construction and management of green campuses and provides clearer standards for the related assessment.


中国绿色建筑委员会标准

绿色校园评价操作细则

Green Campus Evaluation Eules for the operation

中国城市科学研究会绿色建筑与节能专业委员会

2013 年 11 月

2013

六个城镇化协同创新实践案例

Six Cases of Urbanization Co-creation

杨浦案例

Yangpu Case

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、张尚武、张亚雷、杨秀、马君杰、叶启明等
协同单位：	同济大学、复旦大学、城科会、杨浦区政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHANG Yalei, ZHANG Shangwu, YANG Xiu, MA Junjie, YE Qiming
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Yangpu Municipal Government

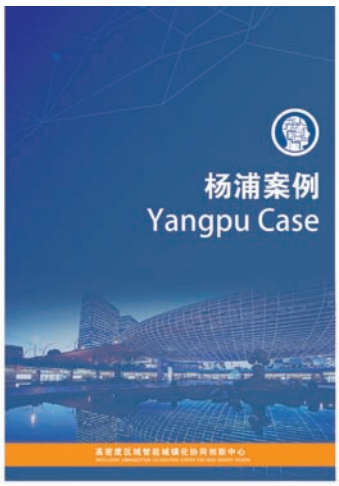
内容概要 *Summary*

杨浦案例核心要义——以大学为核心，引领创新城区、和谐住区，三区联动的城镇化模式。建设围绕环同济知识经济圈为先导的设计创新产业集聚区，以面向未来更加和谐、更富创意与更具智慧的城区构建的协同模式。

同济大学为杨浦区在机构、科研、规划及人才方面服务了近二十年之后，城市规划者该如何引导杨浦未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了杨浦区旧住宅转型与环同济知识经济圈两个断面的特色，引申出杨浦区的城镇化发育之路和未来的发展趋势。

The essence of Yangpu case is the interactive urbanization mode featuring universities' core function of driving forward innovative urban regions and harmonious residential areas. Yangpu's construction is based on the knowledge economic centered industrial clusters in Tongji rim and a more future-oriented, more innovative and smarter coordination mode is created.

The book, with Tongji's 20-year experience of serving Yangpu's institutional, R&D, planning and talents development as the example, reveals how urban planners should lead Yangpu's future development. It includes the thinking on the significance of urban development, a summary of successful experiences, an introduction to Yangpu's characteristic in its old residential area transformation and Tongji rim economic circle, and the vision of Yangpu's urban future.




五角场城市副中心

浦东案例
Pudong Case

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、张尚武、张亚雷、杨秀、赵倩、杨天人等
协同单位：	同济大学、复旦大学、城科会、浦东新区政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHANG Yalei, ZHANG Shangwu , YANG Xiu, ZHAO Qian, YANG Tianren
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Pudong Municipal Government

内容概要 *Summary*

浦东新区案例核心要义——以政府主导、优惠政策开启快速城镇化发展，以大项目建设、高新技术产业引进、战略性基础设施建设为主，吸引国内外人才、高端服务业提升城镇化质量，吸取发达国家管理经验进行城镇化管理，参与国际城镇化发展竞争。

同济大学为浦东新区在机构、科研、规划及人才方面服务了十几年之后，城市规划者该如何引导浦东新区未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了浦东新区高密度商务区与创新高地两个断面的特色，引申出浦东新区的城镇化发育之路和未来的发展趋势。

The essences of Pudong case include: rapid urbanization development through government's leading role and priority policies; attracting national and international talents by large project construction, new and high technology industries, and infrastructure of strategic importance; upgrading of urbanization quality by high-end service, learning from urbanization management experiences of advanced countries; and participation in international urbanization competition.

The book, with Tongji's 20-year experience of serving Yangpu's institutional, R&D, planning and talents development as the example, reveals how urban planners should guide Pudong's future development. It includes the thinking on the significance of urban development, a summary of successful experiences, an introduction to Pudong's characteristic in its high density business circle and the innovation highland, and the vision of Pudong's urban future.

崇明案例
Chongming Case

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、张尚武、张亚雷、杨秀、吕荟、胥星静等
协同单位：	同济大学、复旦大学、城科会、崇明县政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHAG Shangwu, ZHANG Yalei, YANG Xiu, LV Hui, XU Xingjing
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Chongming Municipal Government

内容概要 *Summary*

崇明案例核心要义——崇明以相对的差异化发展路径，以国际生态岛统筹全岛发展，以绿色高新产业阐释可持续发展动力，通过生态规划建设和绿色低碳经济推动城镇化平稳发展，高密度城镇化区域中生态涵养区的典型为发展目标，也是城镇化生态文明建设的示范发展案例。

同济大学为崇明生态岛在机构、科研、规划及人才方面服务了十几年之后，城市规划者该如何引导崇明岛未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了崇明岛的东滩湿地的自然生态、陈家镇低碳智慧社区和瀛东村生态居住几个断面的特色，引申出崇明岛的城镇化发育之路和未来的发展趋势。

Essences of Chongming case include: differentiated development pathway; positioning as international eco-island; green and new industries as the driving force for sustainable development; stable urbanization through eco-planning and green low-carbon economy. Chongming island will be constructed as the typical ecological conservation are in high density urban regions, as well as a demonstration case of eco-culture in urbanization.

The book, with Tongji's over 10 years' experience of serving Chongming's institutional, R&D, planning and talents development as the example, reveals how urban planners should guide Chongming's future development. It includes the thinking on the significance of urban development, a summary of successful experiences, an introduction to Chongming's characteristic in the natural ecology of its East wetlands, smart community in Chenjia County, and eco-residences in Yingdong village, and the vision of Chongming's future development.

太仓案例
Taicang Case

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、张尚武、张亚雷、杨秀、叶俊、陈嘉雯等
协同单位：	同济大学、复旦大学、城科会、太仓市政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHANG Shangwu , ZHANG Yalei, YANG Xiu,YE Jun, CHEN Jiawen
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Taicang Municipal Government

内容概要 *Summary*

太仓案例核心要义——太仓通过紧邻大城市的优势条件，吸引外溢效应，主要趋向主城与港城协同、创新驱动校地协同和现代田园城市的城镇建设。

同济大学为太仓在机构、科研、规划及人才方面服务了十几年之后，城市规划者该如何引导太仓未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了太仓的港口开发区与社会主义新农村建设两个断面的特色，引申出太仓的城镇化发育之路和未来的发展趋势。

The essences of Taicang case include: utilization of advantages of neighboring metropolises, attracting spillover effects, the coordination of major metropolis and port cities, the innovation-driven coordination of universities and localities and the urban construction of modern garden city.

The book, with Tongji's over 10 years' experience of serving Taicang's institutional, R&D, planning and talents development as the example, reveals how urban planners should guide Taicang's future development. It includes the thinking on the significance of urban development, a summary of successful experiences, an introduction to Taicang's characteristics in the port area development and the new socialism village construction, and the vision of Taicang's future development.

嘉兴案例
Jiaxing Case

主编单位:	高密度区域智能城镇化协同创新中心
主编人员:	吴志强、张尚武、张亚雷、杨秀、秦同娣、汤挺等
协同单位:	同济大学、复旦大学、城科会、嘉兴市政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHANG Shangwu ,ZHANG Yalei, YANG Xiu,QIN Tongdi, TANG Ting
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Jiaxing Municipal Government

内容概要 *Summary*

嘉兴案例核心要义——嘉兴城镇化基于本地的大、中、小城镇共同发展，承接大上海资源汇聚的外溢效应，大力发展以商贸为核心的第三产业，把握河海港联运和历史文化遗产保护的发展机遇，创造了嘉兴特色的就地城镇化农村发展模式，形成“共富、就地、均衡”特征的嘉兴发展模式。

同济大学为嘉兴在机构、科研、规划及人才方面服务了十几年之后，城市规划者该如何引导嘉兴未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了嘉兴的高新产业园区和西塘镇旅游区两个断面的特色，引申出嘉兴的城镇化发育之路和未来的发展趋势。

The essences of Jiaxing case include: the mutual development of big, medium and small cities; benefiting from Shanghai's spillover effects, strong development of the tertiary industries with trading as the core, the river and sea harbor transportation, the development chance brought by historical and cultural preservation, the creation of local rural development and urbanization with Jiaxing characteristics, and the forming of Jiaxing development mode featuring "mutual wellbeing, locality, and balance."

The book, with Tongji's over 10 years' experience of serving Jiaxing's institutional, R&D, planning and talents development as the example, reveals how urban planners should guide Jiaxing's future development. It includes the thinking on the significance of urban development, a summary of successful experiences, an introduction to Jiaxing's characteristics in its new and high technical park zone, and the tourism area of Xitang county; and the vision of Taicang's future development.

义乌案例
Yiwu Case

主编单位：	高密度区域智能城镇化协同创新中心
主编人员：	吴志强、张尚武、张亚雷、杨秀、庄超、刘冠鹏等
协同单位：	同济大学、复旦大学、城科会、义乌市政府
Chief editor:	China Intelligent Urbanization Co-creation Center for High Density Region
Editorial Director:	WU Zhiqiang, ZHANG Shangwu, ZHANG Yalei, YANG Xiu, ZHUANG Chao, LIU Guanpeng
Partners:	Tongji University, Fudan University, Chinese Society for Urban Studies and Yiwu Municipal Government

内容概要 *Summary*

义乌案例核心要义——在政府的支持下，由百姓自发形成的动态灵活的民营经济

体系，并创造了区位优势和聚集效应，从而催动城镇化进程。

同济大学为义乌在机构、科研、规划及人才方面服务了十几年之后，城市规划者该如何引导义乌未来发展，即本书的意义所在——本书在总结城市发展核心要义的基础上，总结成功的经验，并重点介绍了义乌的国际商贸与佛堂文化名镇两个断面的特色，引申出义乌的城镇化发育之路和未来的发展趋势。

The essences of Yiwu case include: the dynamic and flexible private sector economy spontaneously forme by Yiwu citizens and under the government's support; and the location advantages and related agglomeration effect.

The book, with Tongji's over 10 years' experience of serving Yiwu's institutional, R&D, planning and talents development as the example, reveals how urban planners should guide Yiwu's future development. It includes the thinking on the significance of urban development; a summary of successful experiences; an introduction to Yiwu's characteristics in its international trades and Buddhism culture; and the vision of Yiwu's future development.


义乌鸟瞰


义乌小商品市场一脚角

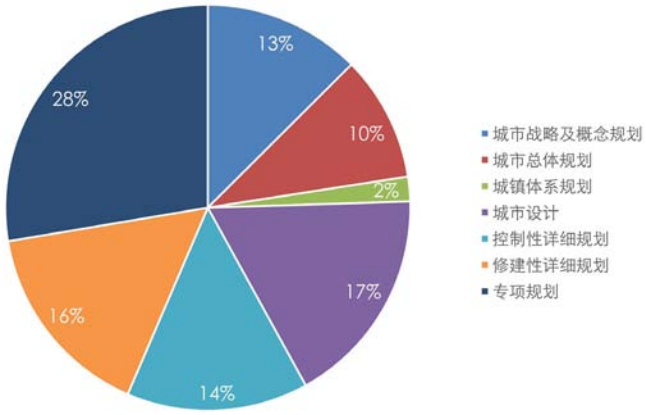

义乌国际商贸大门

中心协同城乡实验项目全国分布图

CIUC Urban-Rural Experimental Projects Map

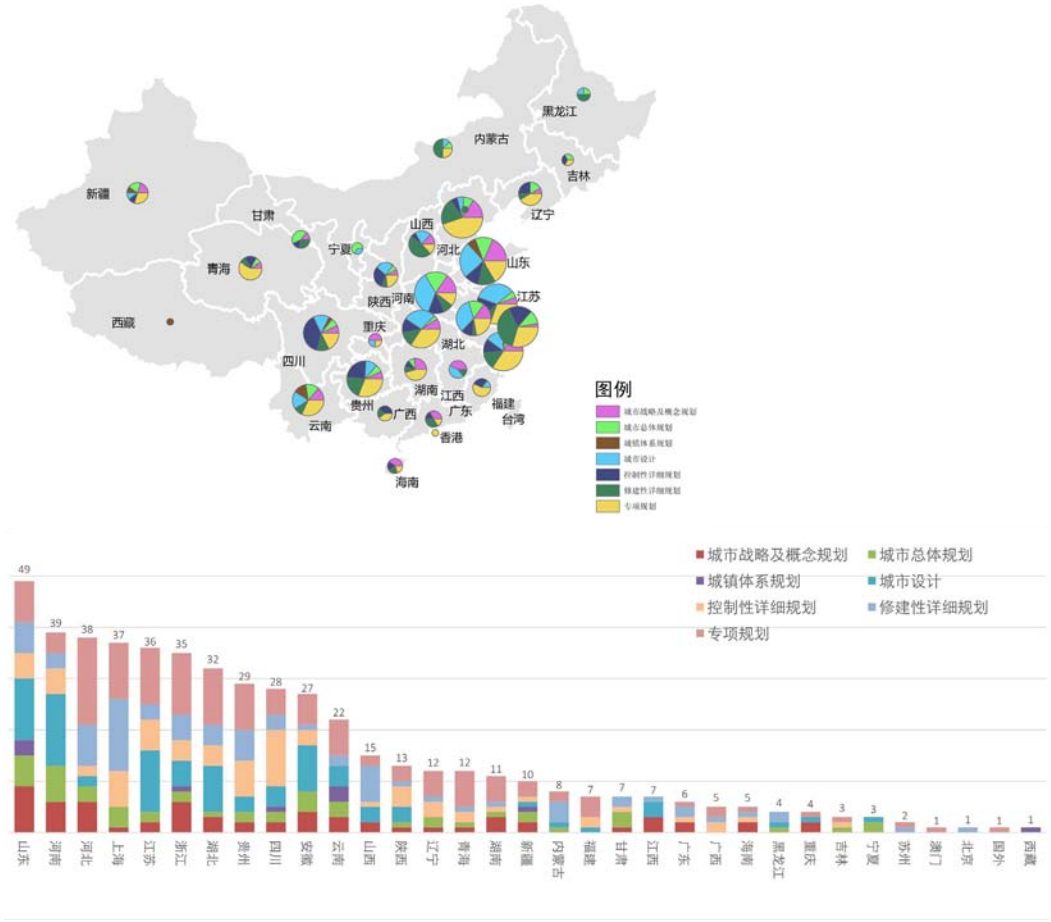
中心 2013 年度协同城乡实验项目各省分类比较图

CIUC Urban-Rural Experimental Projects Comparison (by provinces)



中心 2013 年度协同城乡实验项目分类比较图

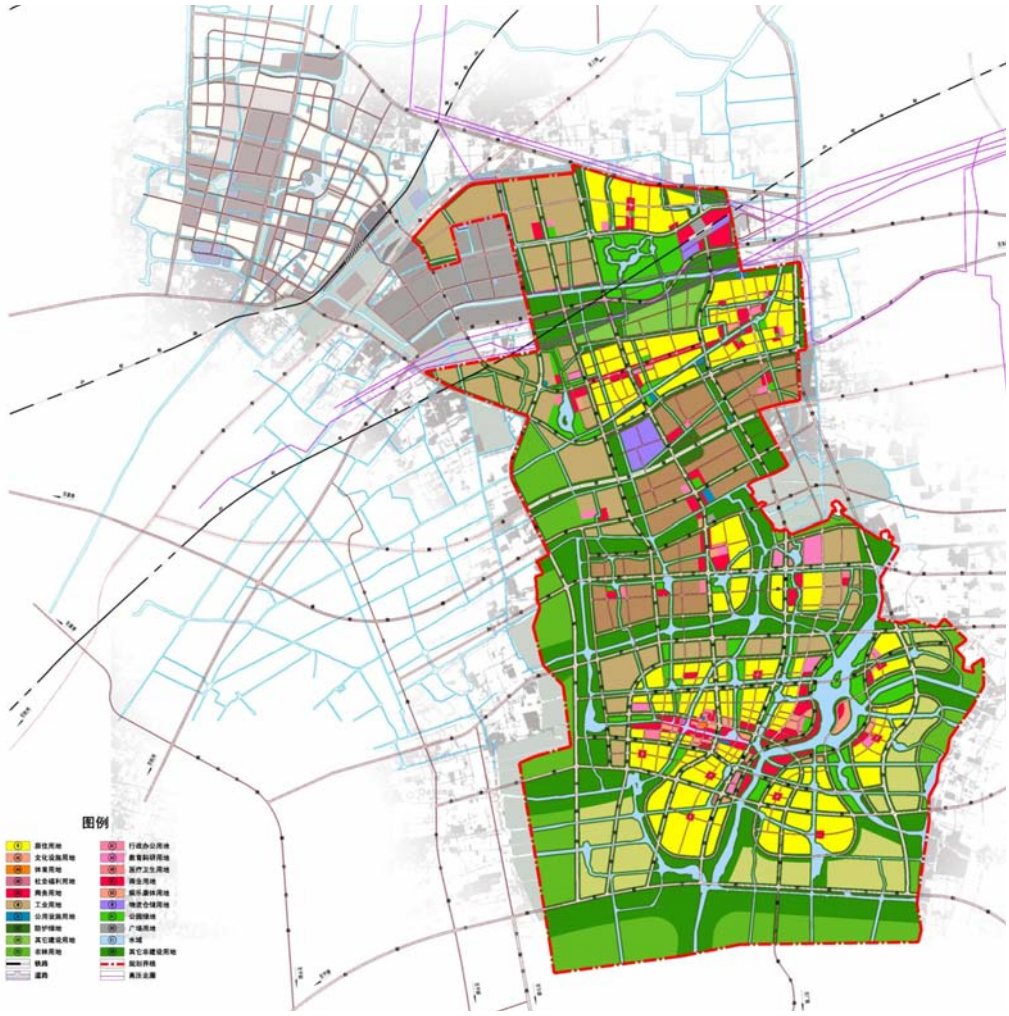
CIUC Urban-Rural Experimental Projects Comparison (by category)

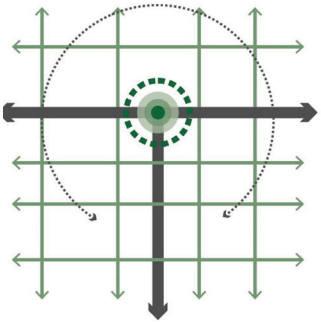


中国张江杭州湾科技园实验项目

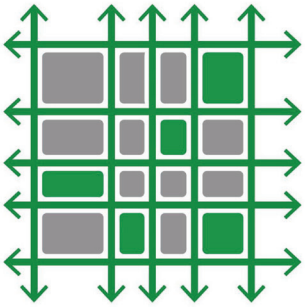
THE CONCEPTUAL PLANNING OF ZHANGJIANG HANGZHOU BAY TECHNOLOGY PARK

编制时间：	2012.02—2013.05
规划面积：	71 平方公里
委托单位：	上海市张江高新技术产业开发区管委会
TIME:	2012.02–2013.05
AREA:	71 Square Kilometers
TRUSTOR:	Shanghai Zhangjiang New & High Tech Industry Management Committee

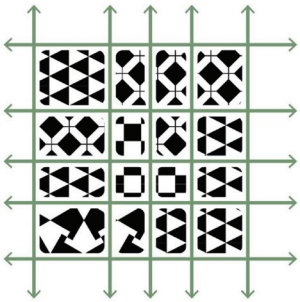




门户打造
Entrance Design



景观渗透
InterwovenLandscape

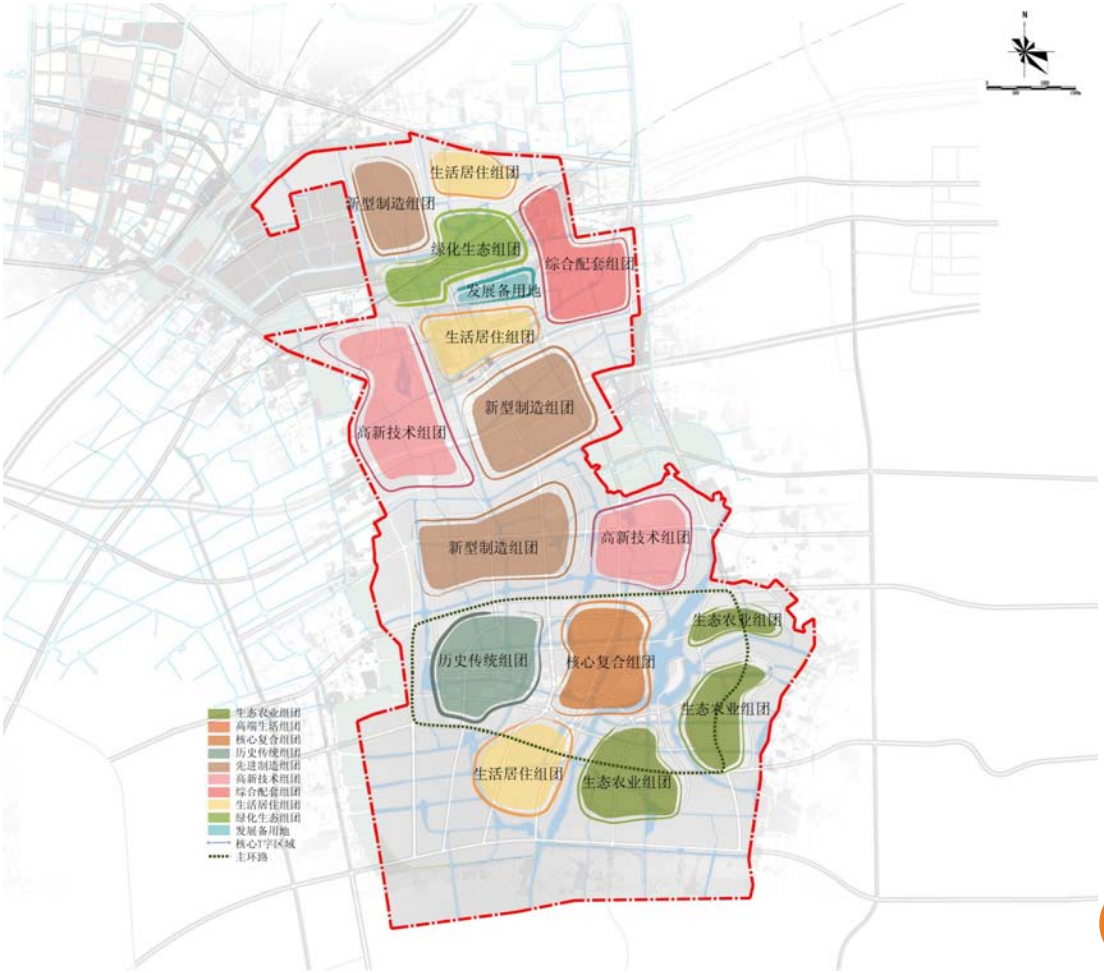


风貌风区
FeaturedZones

	2
1	3

1. 土地利用总体规划
2. 总体规划结构
3. 总体规划理念

1. Land Use Planning
2. Planning Structure
3. General Concept

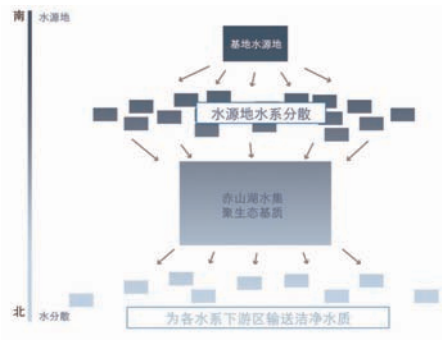


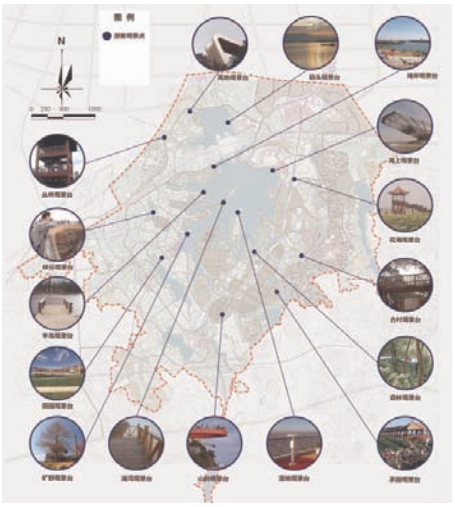
THE URBAN DESIGN OF LANSIWITZLAND

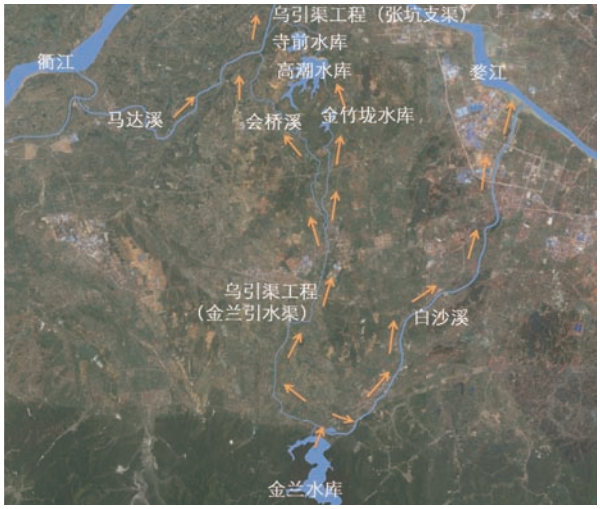
TIME:

AREA:

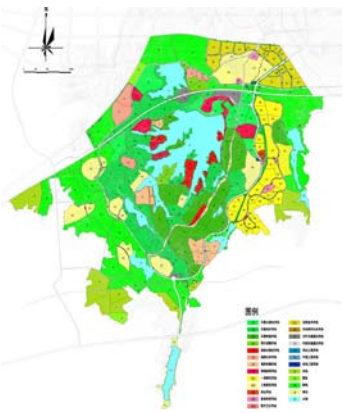
TRUSTOR:







Crowd scenic spots analysis chart



Twenty scenic zones　　Road system planning　　Land use

病理诊断		药物配伍											
机体	病源	上品药（解毒）	中品药（吸毒）		下品药（耐毒）								
		君	臣		佐			使					
水部	COD、BOD	睡莲	王莲	萍蓬草	芡实	金银莲花	荸荠	花叶芦竹	鸢尾	再力花	水禾	槐叶萍	
	总磷（TP）	花蔺属	香蒲	荇菜	苦草	水生美人蕉	睡莲	泽泻	香菖蒲	千屈菜	金鱼藻	慈姑	
	总氮（TN）	凤眼莲	水浮莲	水鳖	旱伞草	泽泻	姜花	水烛	细叶莎草	苦草	水生美人蕉	荷花	
	汞（Hg）等重金属	蔺属	水葱	荷花	黄蔺属	溪荪	玉蝉花	千屈菜	水竹芋	旱莎草	黄花菌	芦苇	
	挥发酚（VP）	水葱	灯心草	水浮莲	凤眼莲	浮萍	浮萍	水萍	槐叶萍	狼子蔓	梭鱼草	海寿花	

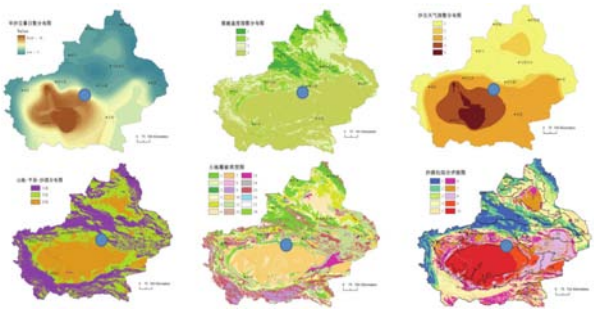
Compendium of Materia Medica plant communities configuration scheme

STRATEGIC PLANNING OF TIEMENGUAN CITY, XINJIANG

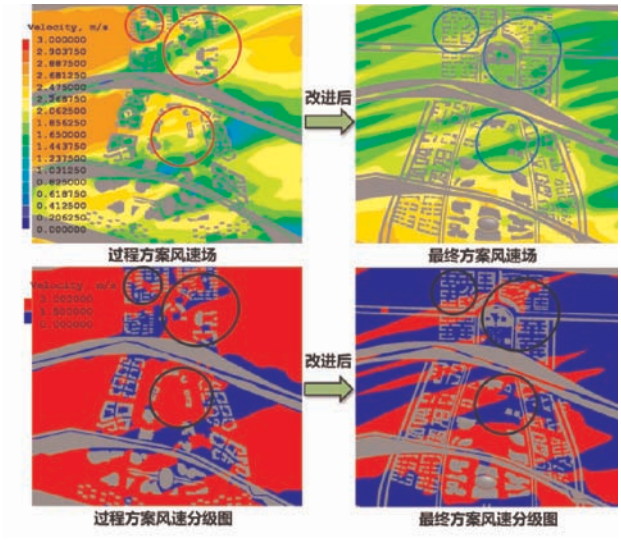
TIME:

TRUSTOR:

Regional Eco-layout Analysis of Xinjiang and Teimenguan City

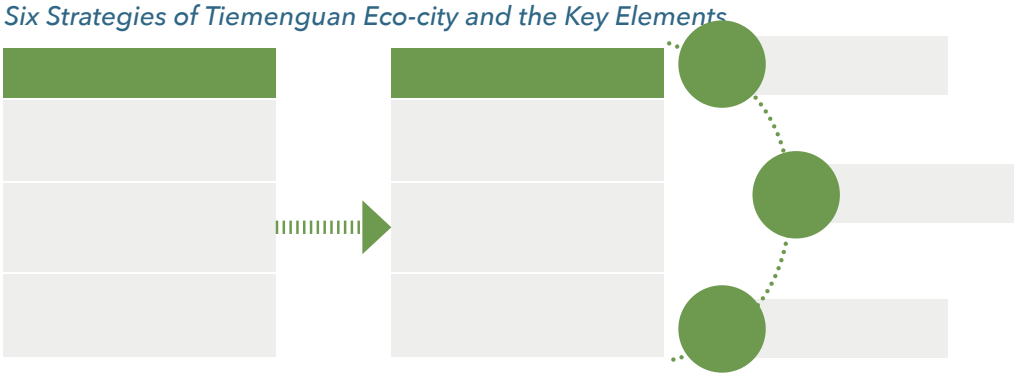


Winter Wind Filed Computer Simulation Comparison and Optimization

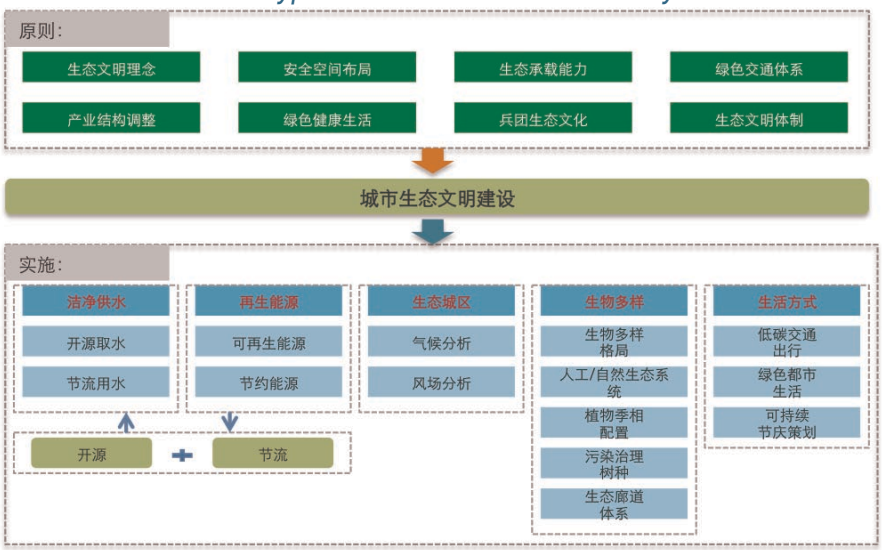


City Central Axes

Six Strategies of Tiemenguan Eco-city and the Key Elements



World Class and New Type Water Conservation Eco-City Demonstration



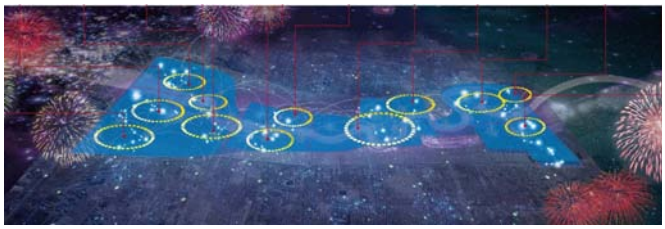
沧州御河实验项目

Urban Design for Grand Canal Area of Cangzhou

编制时间：	2013.07—2013.12
规划面积：	7.8 平方公里
委托单位：	沧州市建设投资集团有限公司
TIME:	2013.07–2013.12
AREA:	7.8 square kilometers
TRUSTOR:	Cangzhou Construction Investment Group Co. Ltd.

	2	3
1	4	
	5	7
	6	

1. 日景效果图 Impression Drawing in Daytime
2. 启动区鸟瞰意象 Bird 's-eye View of Start-up Area
3. 启动区平面图 eneral Spatial Image of Start-up Area
4. 夜景效果图 Impression Drawing in Night
5. 总体概念意向 Image General Conception
6. 十里狮河 Ten Miles Leo - River
7. 总平面图 General Spatial



人才培养
Training and Education

人才培养模式：协同高教
Mode of training and education: coordinated higher education

四大协同创新点：

1. 专业协同。本科生阶段：跨校共享、城乡阅读。大五角场高校协同教育平台。

2. 区域协同。硕士生阶段：与区域示范基地联合订单培养目标；实验城乡培养过程；硕士培养双出调研（地方、国际）

3. 国际协同。博士生阶段：双导师、双学位、双注册。

4. 中欧培训计划。共研制：培养中欧地方管理领袖。——欧洲共同城市共同研究。

Four innovative highlights:

Profession coordination. undergraduate program: trans-university sharing and understandings of urban-rural status ; education platform organized by five universities in the grand Wujiaochang Plaza region

Regional coordination. Mastery program: joint mastery program with CIUC demo bases; experimental urban-rural joint education; mastery courses in both domestic regions and aboard

International coordination: doctorial program: dual-supervisor, double degree, dual-admission

Sino-European training program. joint program: establishing successful regional governors in China and Europe---involving a joint research on EU cities

（1）订单式联合培养 *Joint training contract with pilot cities*

住建部同济大学城乡建设干部培训中心为来自全国各地的城市领导和技术骨干提供培训计划，在 2010-2013 上半年，共举办各类培训班 109 期，为地方城乡规划管理和技术人员共计 4776 人次，受到各地政府的高度好评。

同济大学 - 亚洲发展银行“城市知识中心”、联合国教科文组织亚太地区世界遗产培训与研究中心，也围绕城镇化经验输出、交流自然和文化遗产经验等举办了各类国际、国内培训班。

同时，中心还积极援助中西部地区的规划院校建设，2010-2013 上半年接受各种形式的访问学者超过 30 人次。

MOHURD -Tongji Urban-Rural Construction Leadership Training Center provides training programs for city leaders and technology backbones from all over china. From 2010 to the first half of 2013, the Center has organized 109 training programs for 4776 trainees from urban planning and management departments and technological departments of different cities and regions and is spoken highly of by municipal governments.

International and national training classes are also hold by The City Knowledge Center jointly established by Tongji and Asian Development Bank, and UNESCO World Heritage Institute of Training and Research for the Asia and the Pacific Region (WHITRAP), on experiences on urbanization progresses, natural and cultural heritage preservation and research.

CIUC has contributed to and helped the construction of planning schools in central and western China. More than 30 visiting scholars stayed in CIUC programs from 2010 to the first half of 2013.

干部培训中心环境

浙江省地下空间培训班 讲课专家

（2）挂职培养 *Part time training*

截止 2013 年，中心为积极增强高效人才服务地方的能力，在职研究人员相继进行了全国范围内的挂职培训，参与项目的共 27 人，其中执行“援疆科技计划项目”有 3 人，“援藏科技计划项目”1 人，切实服务了当地城镇化建设。

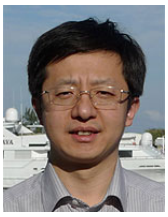
中心培养的研究生中，有 31 名参与了长三角范围内挂职培训。经过挂职锻炼后，大都成为了优秀人才。

In order to help enhancing local talents' capacity of serving local development, CIUC provides part time training programs for employed researchers of municipal governments and institutes. Among 27 such trainees, 3 are members of the National Xinjiang Supporting Program, and 1 is National Tibet Supporting Program. Local urbanization progress in thus promoted by CIUC's efforts.

Among the postgraduate students of CIUC, 31 have also entered the part time training for the Yangtze Delta Region and have been proven very capable and excellent professionals in their perspective positions.

邵勇 - 慈溪
SHAO Yong-Cixi

庄宇 - 虹口区
ZHUANG Yu-Hongkou District



耿慧志 - 虹口区
GENG Huizhi-Hongkou District

钮心毅 - 虹口区
NIU Xinyi-HongkouDistrict

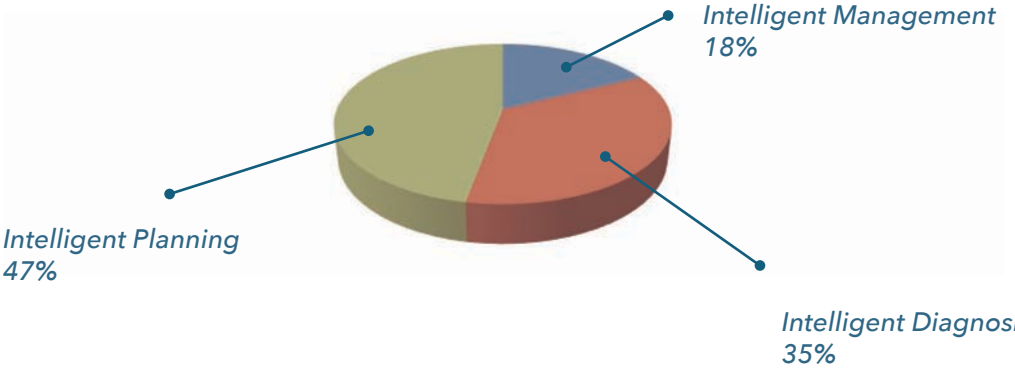
张鹏 - 宝山区
ZHANG Peng-Baoshan District

王桢栋 - 援疆
WANG Zhendong-Xinjiang Supporting Program

江浩 - 援疆
JIANG Hao-Xinjiang Supporting Program

杨学军 - 援臧
YANG Xuejun- Tibet Supporting Program

刘宏伟 - 援疆
LIU Hongwei-Xinjiang Supporting Program


Intelligent Management
18%
Intelligent Planning
47%
Intelligent Diagnosis
35%

未来计划
Future Plan

2014 年目标：搭建智能城镇化发展的基础理论，攻克关键技术，指导建设长三角城镇化发展联盟。

2014 Goals: establishing intelligent urbanization theory foundations; breaking through in key technologies; guiding the development of urbanization development alliance in Yangtze Delta region

科研攻关
Research breakthroughs

完成城镇化发展客观规律及智能城镇化基础理论研究；

Research on the objective laws of urbanization and fundamental theories for intelligent urbanization;

攻克城镇化的智能诊断和大数据挖掘技术为主的关键智能技术；

Research on key intelligent technologies for intelligent urban diagnosis and big-data mining;

搭建智能城镇化监控云平台和城乡规划编制大数据库平台框架；

Establishing intelligent urbanization monitoring cloud platform and framework of the urban-rural planning big data platform;

针对国家城镇化发展关键问题提出决策咨询报告；

Consultancy reports for key issues in national urbanization;

与长三角区域重要城市完成城镇化关键数据共享。

Sharing of key urbanization data with major cities in Yangtze Delta

人才引进
Team Construction

新招聘中心综合管理人员约 5 名；
5 newly employed administrative staff

引进国内外代表性人才不低于 4 名；
4 or more national or international researchers

新聘中青年骨干专家不低于 20 名。
20 or more back-bone experts

体制机制创新
Institutional innovation

体制机制创新
Institutional innovation

完善订单式培养模式运行；
Contract training and education

引入社会化综合管理服务；
Socialized comprehensive management service

完善中心硕博招聘制度；
Accomplishment of mastery and doctorial admission system

完善科研绩效考评机制。
Accomplishment of research performance evaluation system

城市实验
Urban experiments

推进兰溪实验基地建设；
Experiment site in Lanxi

推进杨浦区实验基地建设；
Experiment site in Yangpu district

推进浦东新区实验基地建设；
Experiment site in Pudong new district

推进崇明岛实验基地建设。
Experiment site in Chongming Island

会议交流
Conferences and exchanges

主办 1-2 次相关国际会议；
1-2 international conferences

主办 1 次城镇化领域大型会议；
1 urbanization related conference

主办 12 次学术沙龙；
12 academic salons

学术成果在重要国内外会议上宣讲不低于 10 次。
10 or more academic speech in international conferences

人才培养
Training and education

6 名硕士生，3-5 名博士生；国际交流研究生或访问学者 5-12 名；

中心协同培养硕博不低于 10 名；

培训智能城镇化相关领域高级人才不低于 100 人次；

服务长三角区域高级人才培养不低于 5 名。

6 master students

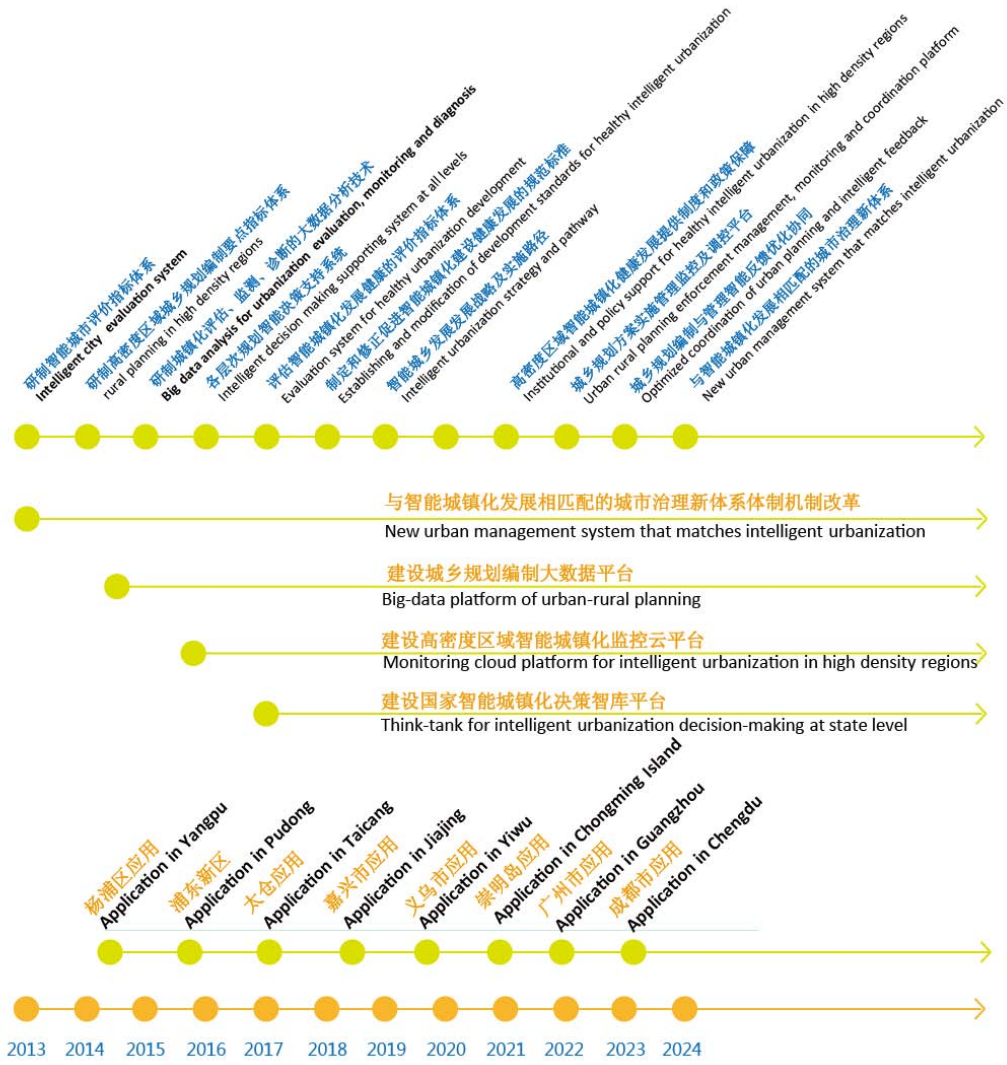
3-5 doctorial students

5-12 international master students or visiting scholars

10 or more postgraduate students from CIUC

100 or more high-end talents in intelligent urbanization field

5 or more high-end talents for serving Yangtze Delta region



协同图集
CIUC Photos

首席科学家
Chief Scientist


潘云鹤 PAN Yuhe

名誉顾问
Honorary Advisor


崔功豪 CUI Gonghao


董鉴泓 DONG Jianhong


戴复东 DAI Fudong


甘忠泽 GAN Zhongze


Klaus TOPFER


阮仪三 RUAN Yisan


沈祖炎 SHEN Zuyan

陶松龄 TAO Songling


魏敦山 WEI Dunshan


吴锡九 WU Xijiu


项海帆 XIANG Haifan


郑时龄 ZHENG Shiling


朱锡金 ZHU Xijin

特聘教授
Honorary Professor


Bernd SEEGERS


曹布阳 CAO Buyang


曹庆三 CAO Qingsan


顾朝林 GU Chaolin


桂勇 GUI Yong


郭强 GUO Qiang


郝泳涛 HAO Yongtao


郝洛西 HAO luoxi


黄一如 HUANG Yiru

Klaus Kornwachs

刘颂 LIU Song


李晓江 LI Xiaojiang


林尚立 LIN Shangli


龙惟定 LONG Weiding


彭震伟 PENG Zhenwei


彭希哲 PENG Xizhe

卜佳俊 BU Jiajun


任远 REN Yuan


阮仪三 RUAN Yisan

宋小东 SONG Xiaodong


孙彤宇 SUN Tongyu

沈清基 SHEN Qingji


田莉 TIAN li


滕五晓 TENG Wuxiao


谭洪卫 TAN Hongwei


Ulrich Wengenroch


Ulf Ranhagen

Willem Aart Jan MANDERSLOOT

王冬冬 WANG Dongdong

伍 江 WU Jiang

王桂新 WANG Guixin

夏南凯 XIA Nankai

肖建庄 XIAO Jianzhuang

应晓华 YING Xiaohua

张亚雷 ZHANG Yalei

张尚武 ZHANG Shangwu

周俭 ZHOU Jian

周斌 ZHOU Bin

周向红 ZHOU Xianghong

朱德米 ZHU Demi

赵民 ZHAO Min

支文军 ZHI Wenjun

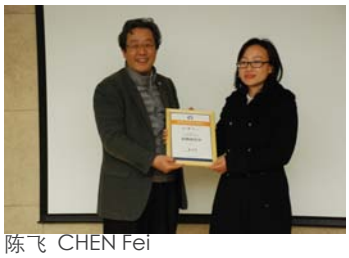
张晓云 ZHANG Xiaoyun

特聘研究员
Honorary Researcher


蔡艳 CAI Yan


程茜 CHENG Qian


曹春 CAO Chun


陈飞 CHEN Fei


戴靠山 DAI Kaoshan


戴春 DAI Chun


Frank DOERNER


付晓春 FU Xiaochun


高乃平 GAO Nai ping


高崎 GAO Qi


高中岗 GAO Zhonggang


高军 GAO Jun


郝凤霞 HAO Fengxia


韩福国 HAN Fuguo

Jeanette WHYTE


江浩波 JIANG Haobo


匡晓明 KUANG Xiaoming


刘敏 LIU Min


刘晓青 LIU Xiaoqing


梁洁 LIANG Jie


李靖 LI Jing


柳庆元 LIU Qingyuan


罗志刚 LUO Zhigang


罗刚 LUO Gang

倪亦南 NI Yinan


裴新生 PEI Xinsheng

盛雪峰 SHENG Xuefeng


沈永祺 SHEN Yongqi


滕靖 TENG Jing


田春枝 TIAN Chunzhi


王雪松 WANG Xuesong


王兰 WANG Lan


王路 WANG Lu


王新平 WANG Xinping


王新哲 WANG Xinzhe


王颖 WANG Ying

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杨学军 YANG Xuejun


殷俊锋 YIN Junfeng


阎树鑫 YAN Shuxin


姚凯 YAO Kai


俞静 YU Jing

卓健 ZHUO Jian


诸葛宇杰 ZHU GE Yujie


朱崇志 ZHU Chongzhi


臧建彬 ZANG Jianbin


周珂 ZHOU Ke

周玉斌 ZHOU Yubin


张晓红 ZHANG Xiaohong


张捷 ZHANG Jie


张恺 ZHANG Kai

特聘助理研究员
Honorary Research Assistant


杜艾 DU Ai


桂任舟 GUI Renzhou


黄叶青 HUANG Yeqing

李志青 LI Zhiqing


孙明 SUN Ming

杨辰 YANG Chen

特聘综合管理
Honorary General management


林尚立 LIN Shangli


周俭 ZHOU Jian


张尚武 ZHANG Shangwu


周玉斌 ZHOU Yubin

CONTACT US