

SOUTH CHINA UNIVERSITY OF TECHNOLOGY

POLITECNICO DI TORINO

WATERSHEDS WINTER SCHOOL

SINO-EU DOCTORAL SCHOOL FOR SUSTAINABILITY ENGINEERING (SESE)

DECEMBER 2014, GUANGZHOU

BACKGROUND.

1. **PRIN - Progetto di Ricerca di Interesse Nazionale** (national-interest research project), titled “Recycle. New lifecycles for the city and landscape”. 2013 - 2016, funded by the Italian Ministry of Research and University.

2. **Watersheds. The narrative of the recycle process in a waterborne urban space:** Guangzhou, Hong Kong, Torino, Venezia. Exhibited at the 2013-2014 Bi-City Biennial of Urbanism/Architecture in Shenzhen and Hong Kong. The exhibition was produced by research units at Polito and SCUT, with the participation of IUAV (Venice School of Architecture) and Chinese University of Hong Kong.

3. **Sustainable Urban Development through the Design, Planning and Construction of Large Public Buildings.** Applicants: SCUT – School of Architecture, Polito – Department of Architecture and Design. Cooperation project between PhD programs, approved within the larger setting of the Sino Eu Engineering Education Platform (CLUSTER) for 2014-2018.



PROPOSAL .



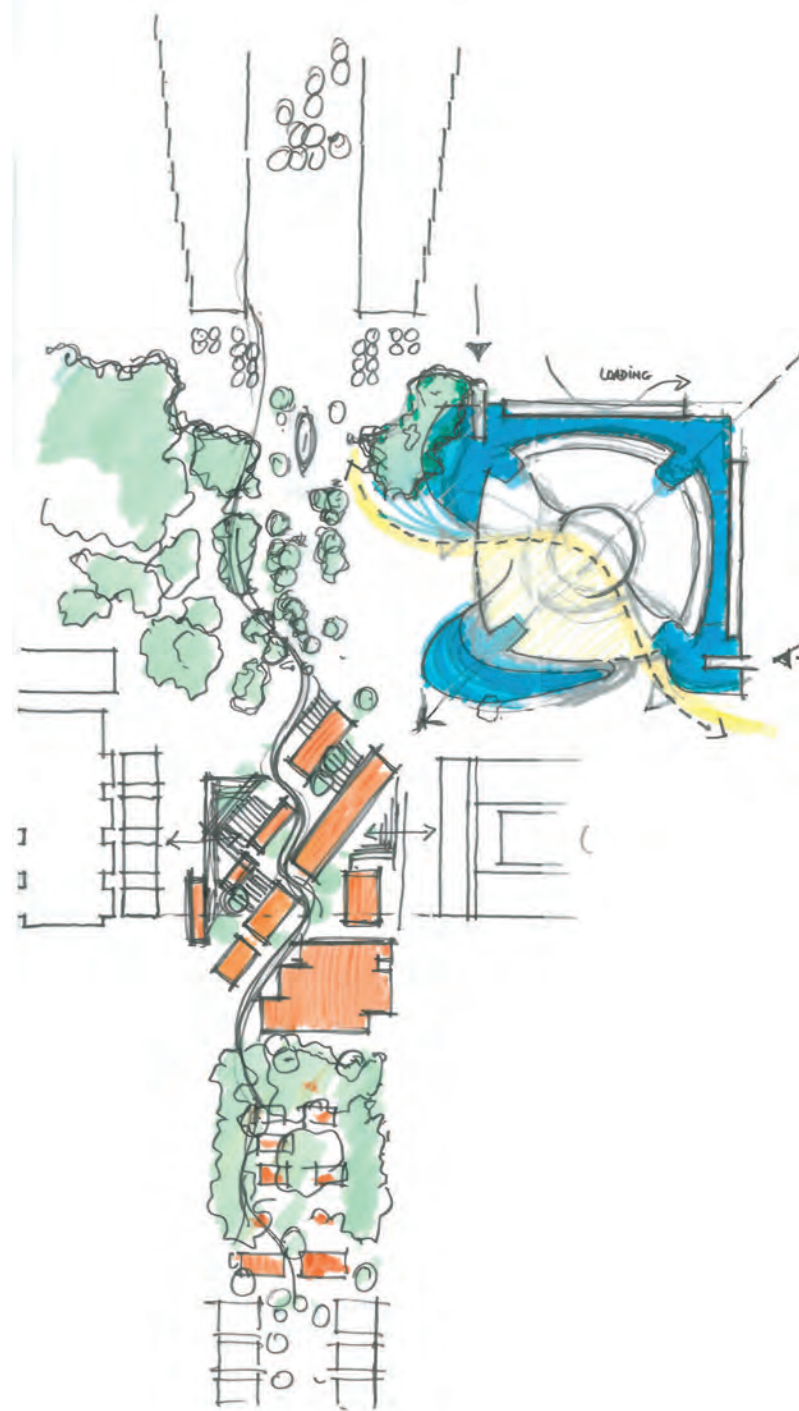
. The aim of the Winter School is to test a joint teamwork on real design processes, in the Chinese context of **urban regeneration**.

. The selected site is significant according to real processes of transformation and offers a **testing ground** for local governments to develop tentative projects with international consultants. Politecnico di Torino and SCUT, with other partners of SEEEP as well, will offer their best expertise in the field of Architectural Design, Urban Design, Environmental Engineering, and eventually other professional competences according to the characteristics of the selected site.

. By the opening of the Winter School, a **joint book** Polito-SCUT on the research methods developed in the Joint Exhibition “Watersheds” will be ready, and will work as guideline for the project.



TIT CREATIVE INDUSTRY ZONE





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CONTEXT.



THEME

URBAN REGENERATION/GUANGZHOU

DIRECTORS

Francesca Frassoldati - South China University of Technology
Michele Bonino - Politecnico di Torino

TUTORS – preliminary list

Feng Jiang - South China University of Technology
Xu Haohao - South China University of Technology
Alessandro Armando - Politecnico di Torino
Marta Bottero - Politecnico di Torino

SCIENTIFIC COMMITTEE

Pierre-Alain Croset, Antonio De Rossi, Giovanni Durbiano,
Roberto Pagani, Sun Yimin, Wang Jing

SECRETARY

Valeria Federighi – valeria.federighi@polito.it

OFFICIAL LANGUAGE

ENGLISH

PARTICIPANTS

3 PhD students in Architecture from Politecnico di Torino
5 PhD students in Architecture from SCUT



EXPERTISE.



URBAN REGENERATION

Case studies and theoretical implications: how design strategies can meet **urban change**, contributing to the international debate and to the achievement of urban **'soft' sustainability** as a method for the regeneration of industrial heritage.

PROJECT APPRAISAL AND PLANNING EVALUATION

Urban and territorial transformation can be seen as **complex systems** where different processes take place. The complexity is related to: functions; objectives/values; stakeholders; resources; etc. Evaluation tools can support **decision-making processes** related to urban and territorial transformations.

ENVIRONMENTAL ENGINEERING

Focus on the interaction between physical, biological and environmental processes taking place in the site and on the management of **resources** available.



PROGRAM.



7 DECEMBER

Winter School opening

WEEK 1

Site visits

Workshops

Lectures and discussions

WEEK 2

Intensive work: masterplan and process report

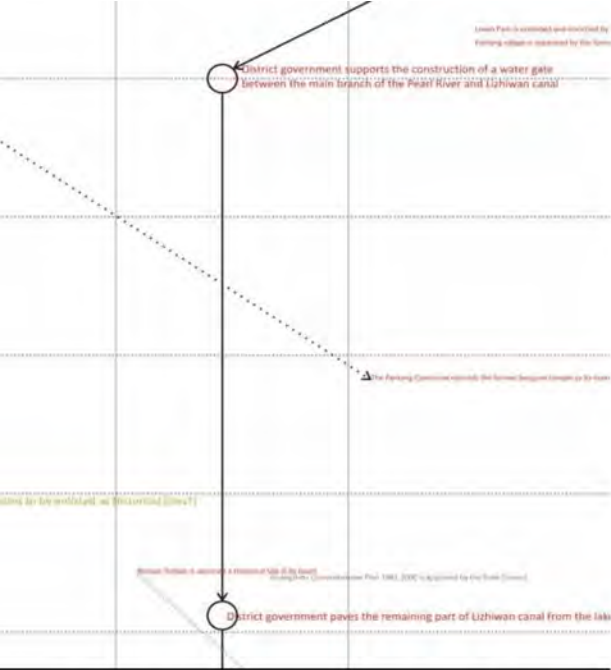
19 DECEMBER

Final Presentation

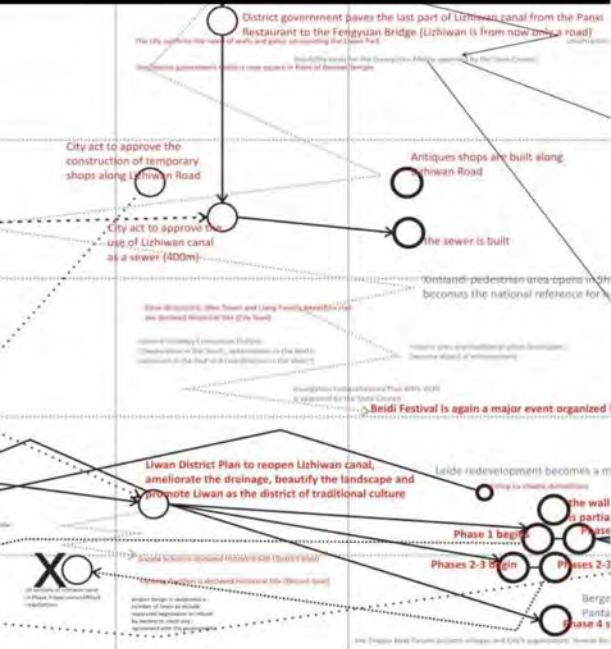
Winter School Closing Party

20 DECEMBER

Optional group visits



CALL FOR LECTURERS.



URBAN REGENERATION

Case studies and theoretical implications

TARGET

Scholars and Faculty from the Universities of the SEEP cluster, in the field of Architecture, Urban Design, Environmental Engineering, Transportation

CALL

Call for five lectures to be held at South China University of Technology during the Winter School, between 9 and 12 December 2014. Send a 250 words proposal (+ 1 image) to the scientific secretary at the following address: valeria.federighi@polito.it

DEADLINE

15 October 2014



TARGET

PhD students from the Universities of the SEEEP cluster, in the field of Architecture and Urban Design.

CALL

Call for residencies during the first week of the Winter School (7-14 December), offering students the possibility of fully participating to the site visits, lectures and round tables that will be held on the theme of Urban Regeneration and that will constitute the theoretical framework of the School. Interested students should send a CV to the address valeria.federighi@polito.it. Maximum number of students accepted will be 25.

DEADLINE

30 October 2014

CALL FOR STUDENTS.

