



同濟大學
TONGJI UNIVERSITY

MEMORANDUM OF UNDERSTANDING

between

THE MINISTRY FOR THE ENVIRONMENT, LAND AND SEA (IMELS)
OF THE ITALIAN REPUBLIC

and

THE TONGJI UNIVERSITY SHANGHAI

(hereinafter jointly referred to as the "Parties")

on

THE SINO ITALIAN CENTER FOR SUSTAINABILITY (SICES) MANAGEMENT
SCHEME

BEARING IN MIND that in the year 2000 the Ministry for the Environment, Land and Sea (IMELS) of the Italian Republic launched a Cooperation Program for environmental protection establishing cooperation relationships with several scientific institutions and universities of the People's Republic of China;

the Framework Agreement for the establishment of a Sino-Italian Center for Sustainability ("SICES"), signed between IMELS and Tongji University, on 19 May 2012;

the Agreement on the Actions to Improve the Energy Efficiency Performance of the Yunchou Building in Tongji University, Siping Campus signed among the Italian Ministry for the Environment, Land and Sea (IMELS), the Chinese Ministry of Science and Technology (MOST) and Tongji University (TONGJI), on 12 March 2014;

the Joint Declaration signed between IMELS and Tongji University, on April 21st 2016, on promoting joint scientific research projects in collaboration with Italian universities and research centers in the field of sustainable development and on

establishing a networking platform to strengthen the collaboration and dialogue between universities, research centers and enterprises under the framework of “SICES”

WHEREAS the Parties acknowledge the interest at enhancing the existing collaboration between Italian Universities and Tongji University, as well as at fostering the creation of new partnerships with other universities, and at facilitating cooperation initiatives in the field of greener cities and sustainable development;

the Yunchou building construction works have been completed and SICES has been inaugurated on June 17th 2017;

the Parties strive to set up management scheme of SICES at Yunchou Building in Shanghai Tongji University;

The Parties have entered into the following common understanding:

Article 1 scope

The Parties aim at promoting SICES as a center of excellence for the research and innovation on the development of green technologies and solutions for Green Cities and in advancing in Sustainable Development for the improvement of the quality of the urban environment, tackle climate change, and wellbeing and health in cities and to actively participate in global environmental governance through China-Italy cooperation in the framework of several national and international development scenarios and strategies, including:

- UN Agenda 2030 for Sustainable Development
- Paris Agreement
- Habitat III – United Nations Conference on Housing and Sustainable Urban Development
- Shanghai Declaration
- Greener Cities Partnership
- Healthy Shanghai 2030 Plan
- Shanghai 2040 Master Plan
- ISCN - International Sustainable Campus Network

Article 2 Areas of cooperation

The activities promoted through SICES will be related to the following thematic areas:

- Climate Change Adaptation / Mitigation
- Smart cities and prevention of environmental disasters in the built environment

- Urban energy planning and transition towards sustainable cities
- Resource Efficiency/Circular Economy
- Waste Management and Polluted Soils
- Sustainable and Safe Mobility and Transportation
- Water Use, Quality and Management
- Ecosystem Services and Green Infrastructures
- Sustainable food safety/Smart Agriculture in urban and peri-urban areas
- Urban Air Quality
- Health cities and aging society
- Urban morphology of contemporary cities: Regeneration and Renovation of existing assets
- Finance Models for Greener Cities
- Urban Environmental Governance and Sustainability Indicators for Cities
- Participatory Approaches to Urban Environmental Planning

Article 3 **Activities**

The Parties will promote activities and initiatives to build up a vast network involving different actors:

- Academia
- R&D community
- Research foundations and associations
- Representatives of some Cities and Municipalities
- Policy-makers
- Companies and business organizations

The Parties intend to:

- create a place of co-working among Italian and Chinese visiting professors, researchers and students of Italian and Chinese Universities in order to encourage the creation of partnerships and interdisciplinary exchange for the development of joint research programs;
- promote the coordinated involvement of experts and students active on various initiatives in order to facilitate networking and to create synergies between the various programs and plans in place;
- encourage, following a multi-stakeholder approach, the development of activities carried out also by other stakeholders active in Shanghai such as, for example, companies and business organizations, foundations and research centers, associations, start-ups;
- create partnerships for jointly addressing European calls (H2020, EU-China Sustainable urbanistic, SWITCH-Asia, etc.) and Chinese calls (MOST – Ministry on Science and Technology, NNSF – National Natural to represent a place where the best practices and the Italian quality can be enhanced and shared with Chinese actors.

Taking into account the legal frameworks of each of the Parties and their national obligations, the implementation of programs, projects and activities will be based on principles of impartiality, equality, reciprocity and common interest.