

Climathon Shanghai 2016

Listen Shanghai breathing, drive climate action!



Climathon is a global 24-hour climate change event organized by Climate-KIC, which will take place simultaneously in major cities around the world. Each city has its own local climate challenge reflecting what impacts their urban life most.

Climate change, in terms of air quality, affects every resident's life and health from all aspects. However, each individual resident in the city from various sectors can contribute to climate change in different ways. City needs us. All together we can make a change.

1. Introduction

Climathon Shanghai 2016 will be held on Oct. 28, for 24 hours in Shanghai, focusing on the challenge of 'How to accelerate the improvement of Shanghai's Air Quality, in terms of Clothing, Eating, Housing and Commuting, via innovation of products, processes and procedures?'. Climathon brings together the people who have the passion and ability to do something about the challenge including entrepreneurs, business people, professors and students. They will come up with innovative solutions to local climate change problems with teamwork.



Each team will propose a practical and creative solution within 24 hours with the guidance of professional facilitators and consultants, and the best team will be ultimately selected by the jury. The winning team can not only get a reward but also expose themselves to possible commercial support. Finally, practical solutions including new products, new business models, new services, will be summarized into a book, provided to the related businesses, departments, citizens and Shanghai government to drive climate action.

2. Time and place

Time: Oct. 28, 2016 for 24 hours

Place: the Sino-Finnish Centre of Tongji University, Shanghai

3. Challenge and description

How to accelerate the improvement of Shanghai's Air Quality?

Among all pollutants, PM 2.5 has the greatest impact on municipal residents' health. It has become the most critical livable indicator of residents' satisfaction of Chinese major cities such as Beijing, Shanghai and Guangzhou. Residents, no matter in the city or farmland, can all contribute to the improvement of quality of air that we all share. According to the experience of developed countries, no matter London and Manchester in Europe, Los Angeles in the United States, or Tokyo and Kitakyushu in

Japan, all these metropolitans took 30 years to get their clear sky back. Shanghai has a much higher population and more intensive industrialization. How to reduce the resilience period has become the biggest challenge to Shanghai.



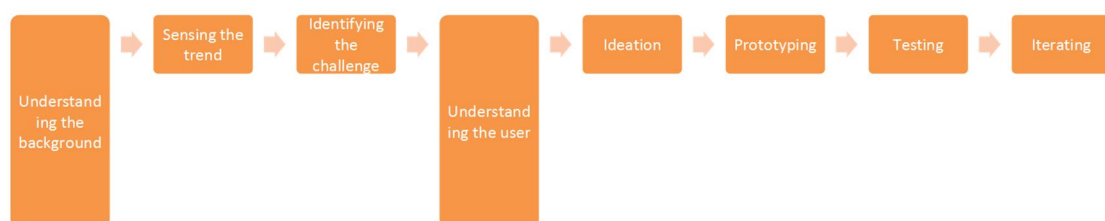
Industrial sectors are all interlinked; resilience must be systemic and consistent. Please select one of the following segments: Clothing (incl. Consumption and Disposal), Eating (incl. Food Security, Health and Lifestyle), Housing (incl. Construction and Lifestyle), Commuting (incl. Transportation, Energy, Industry and Lifestyle), based on solid scientific reasoning, fully utilize the most advanced products, processes and procedures (rules, regulations and behavior), to develop creative solutions with practicable measures, and necessary conditions for implementation, in order to accelerate the improvement of Shanghai's Air Quality.



4. 24hours

Climathon Shanghai 2016 participants will come up with innovative, influential and practical solutions to promote climate change issues under the guidance of professional facilitators within 24 hours (begin at 9:00am on October 28, ended at 11:30, Oct.29.).

Process of solutions:



What will participants benefit from Climathon Shanghai 2016?

- a. The guidance of professional facilitators;
- b. Related cases, business models, tool kits, etc.;
- c. Lectures by guests;

- d. Delicious food and interesting light gymnastics;
- e. Network with people from different industries;
- f. A remarkable experience.

5. Registration and entry rules

A. Participants:

Entrepreneurs and innovators; business people; Creative talents; Academics; Civil servants; Students from different majors.

B. Registration

Participants need to sign up first on the WEB site of *climathon.climate-kic.org* as individuals or teams. Choose Shanghai as the participating place and fill in the application form before September 15th , 2016.

C. Rules

After successful registration, applicants will be accessed. Participants who are admitted will team up according to their interests and advantages with the help of the organizing committee. Each team consists of six people (2 to 3 for students), a total of 10 to 15 teams is to be formed. The organizing committee will also adjust the team with the actual situation, and each member has an opportunity to change their team on the Climathon day of October 28th .

D. Relevant information

After team up, each team can select an appropriate direction of challenge according to their own interests and strengths. The Organizing Committee will provide relevant research data on the website regularly.

Each team will finish the final solution after intensive work and cooperation within 24 hours. And the solution will be presented to the jury consists of experts, academics, government and business people with Pecha Kucha presentation (a fast-paced speech mode with many pictures). The best idea will be selected by the jury.



6. Awards

The jury will select four with greatest impact and most feasible solutions according to 4 aspects: the most creative new product; the most critical administrative measure; the most innovative code of Shanghai people; the most promising business model.

A. Winning teams will get respective awards.

B. The most commercializable and feasible solution may get relevant business supports.

C. Each participant can get a participation certificate issued by Climate-KIC and a token.

7. Organizing committee

Advisors: arranged by last name (list to be continued)

Prof. Chen Ying Jun, College of Environmental Science and Engineering, Tongji University

Prof. Cheng Yi Heng, Director of econoVation lab;

Prof. Li Feng Ting, Vice Chairman of Institute of Environment and Sustainable Development, UNEP

Prof. Lou Yong Qi, Dean of Institute of Design and Innovation

Tian Zhong Hong, Vice president of YIN XIANG WEI YE

Zhang Jinyi, General Manager of Kitchen Again

Prof. Zhu Da Jian, Head of Research Institute of Sustainable Development and Management;

Facilitators :

Ms. Magali Menant, Co-founder of Constellations Co., Ltd

Ms. Wen Ting, Facilitator

Constellations (Shanghai) Co., Ltd.

8. Institutional framework

A. Organizers

College Of Design and Innovation, Tongji University



B. Co-organizers

Institute of Environment and Sustainable Develop of UNEP

Research Institute of Sustainable Development and Management

Renewable Energy Network

Ecological Development Union International

Institution of Global symbiosis

C. Sponsor (List to be continued)

YIN XIANG WEI YE

Kitchen Again

Constellations (Shanghai) Co.



9. Event progress

The information on Climathon Shanghai 2016 will be updated on the official website (climathon.climate-kic.org).

More related information can be accessed on:

Tongji University College Of Design and Innovation, (<http://tjdi.tongji.edu.cn/>)

Microblog of Climathon Shanghai 2016 (城市气候马拉松-上海)



Microblog

Wechat of Climathon Shanghai 2016 (Climathon 气候马拉松)



Wechat

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Climathon Shanghai 2016 Organizing Committee

