

# CITYNET

THE REGIONAL NETWORK OF LOCAL AUTHORITIES  
FOR THE MANAGEMENT OF HUMAN SETTLEMENTS

**BUILDING COMMUNITY FOR LOW CARBON SOCIETY**

**建设低碳社会共同体**

**CASE: JAKARTA'S URBAN CLIMATE VILLAGES (KAMPONG)**

**案例:雅加达城市气候村(KAMPONG)**

**IMPROVING SOCIETY PARTICIPATION TOWARD SUSTAINABILITY**

**促进社会参与, 实现可持续发展**

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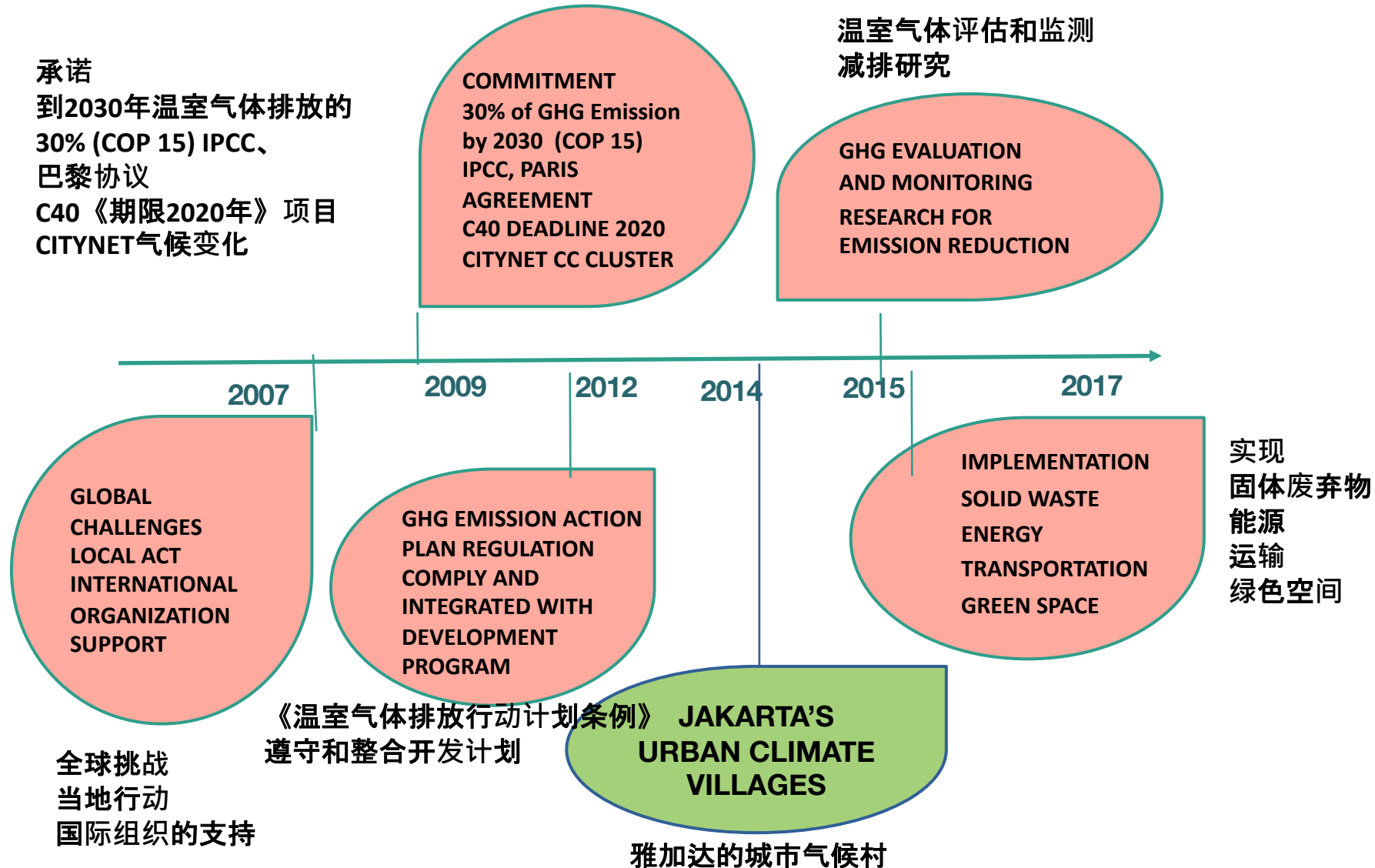
**高级顾问, 雅加达研究理事会**

**亚太城市间合作网络副秘书长**

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- **Background 背景**
- **The Objectives 目标**
- **Strategies 战略**
- **Action Plan 行动计划**
- **Program Implementation (The Models of Waste Management, Waste Bank, Economic Benefit, Urban Farm, Greenery, Efficient and Clean Energy Urban Mobility, Walkable Ecotourism Kampong) 计划实施**  
(废弃物管理模型、废弃物银行、经济效益, 城市农场, 绿化, 高效和清洁能源城市交通, 步行友好的生态旅游)
- **Social Innovation 社会创新**
- **Conclusion 结论**

# BACKGROUND 背景



## BACKGROUND 背景

The action plan aims to reduce GHG emissions and build resilience to the impacts of climate change, through:

《行动计划》旨在通过以下方式减少温室气体排放，增强应对气候变化影响的能力：

- **Develop a roadmap towards GHG emissions neutrality by 2050 and formulate emissions reduction targets for 2030**  
制定到2050年实现温室气体排放中性的路线图，制定2030年的减排目标
- **Shows how Jakarta will adapt and increase resilience to the impacts of current climate change and its future impacts with predictions and scenarios** 通过预测和情景分析，展示雅加达将如何适应和增强对当前气候变化及其未来影响的韧性
- **Develop a plan that provides broad benefits for the community, environment and economy throughout the city, including a plan for around 200 Climate Kampong** 制定为整个城市的社区、环境和经济提供广泛的利益的计划，包括约覆盖200个气候村的计划
- **Develop methods for implementing GHG mitigation action plans and climate change adaptation by Collaborating with various partners who are concern with climate change** 与关注气候变化的各伙伴合作，制定实施温室气体减排行动计划和适应气候变化的方法

## THE OBJECTIVES 目标

- **The number of Climate Villages in Jakarta is 53 locations (from the planned 200 locations by 2020)**

雅加达有53个气候村 (到2020年计划达到200个)

- **Local Community (Sub District Level) have made continuous adaptation and mitigation efforts on climate change and accelerated the achievement of climate action targets**

地方社区(分区)不断适应和减缓气候变化， 加快实现气候行动目标

- **Increasing the involvement of community will strengthen adaptive capacity on climate change impacts and reduction of greenhouse gas emissions**

增加社区的参与将加强对气候变化影响和减少温室气体排放的适应能力

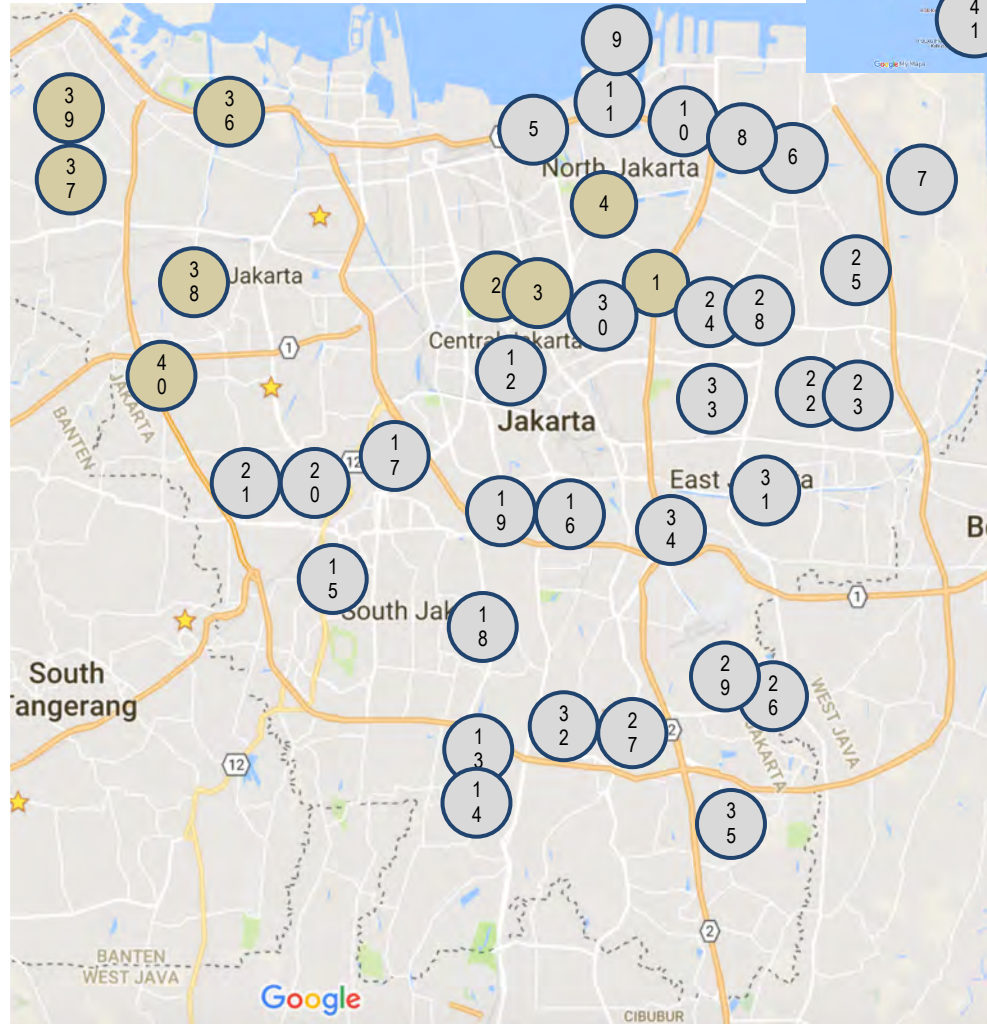
- **Building a Low Carbon society in the City throughout the Local Communities as approached in the Urban Climate Villages**

(Kampongs) 就像城市气候村所做的那样， 在整个地方社区建设城市低碳社会



# LOCATION OF URBAN CLIMATE VILLAGE PROGRAM IN JAKARTA

## 雅加达城市气候村项目所在地



### Keterangan lokasi:

1. RW 03 Kel. Cempaka Putih Timur, Jakarta Pusat
2. RW 03 Kel. Cikini, Jakarta Pusat
3. RW 01 Kel. Cikini, Jakarta Pusat
4. RW 10 Kel Cempaka Putih Barat, Jakarta Pusat
5. RW 06 Kel. Kebon Kosong
6. RW 03 Kelapa Gading Timur
7. RW 01 Rorotan
8. RW 03 Kelapa Gading Barat
9. RW 11 Warakas
10. RW 04 Sungai Bambu
11. RW 01 Sunter Jaya
12. RW 02 Guntur Setiabudi
13. RW 04, Lenteng Agung
14. RW 09, Lenteng Agung
15. RW 06, Gandaria Selatan
16. RW 03, Rawajati, Pancoran
17. RW 01, Rawa Barat
18. RW 05, Jatipadang
19. RW 05, Mampang Prapatan
20. RW 07, Kebayoran Lama Selatan
21. RW 08, Petukangan Selatan
22. RW 02, Malakasari
23. RW 03, Malakasari
24. RW 07, Jati, Pulogadung
25. RW 01, Cakung Barat
26. RW 02, Cibubur
27. RW 09, Ciracas
28. RW 011, Jati, Pulogadung
29. RW 04, Bambu Apus, Cipayung
30. RW 01, Utan Kayu Selatan
31. RW 12, Cipinang Melayu, Makasar
32. RW 07, Baru, Ps. Rebo
33. RW 10, Cipinang Muara, Jatinegara
34. RW 01, Cililitan, Kramatjati
35. RW 03, Kelurahan Munjul, Cipayung
36. Rusun Cinta Kasih, Cengkareng
37. RW 03, Duri Kosambi, Cengkareng
38. Taman Aries, Kembangan
39. RW 04, Perum Merpati, Kalideres
40. RW 04, Komplek Damkar, Joglo
41. RW 04 Pulau Panggang, Kep Seribu Utara
42. RW 02 Ulujami
43. RW 04 Kembangan Utara
44. Komp. DLH Cengkareng
45. RW 02 Rawasari
46. RW 08 Rawasari
47. RW 02 Papanggo
48. RW 02 Warakas

Encourage the real action of communities to increase the awareness and to carry out the mitigation and adaptation activities of climate change. 鼓励社区采取切实行动，提高对气候变化的认识，开展气候减缓和适应活动。

Reduce GHG emissions (GHG) from GHG reduction potential, such as transportation, waste, and energy in small scale community level 减少潜在的温室气体排放，如小规模社区层面的交通、废弃物和能源等来源

- Increase of community resilience to adapt climate change  
提高社区适应气候变化的韧性
- Increase of a quality of life & socio-economic community  
提高生活质量和社会经济社区
- *Building the Community through development of Social Innovation for Low Carbon Society*  
通过发展社会创新，建设低碳社区

## STEERING (FACILITATE) 指导（帮助）

- Encouraging this program to become a priority and mandatory activity for all districts and related agencies  
鼓励这项计划成为所有地区及相关机构的优先及强制性活动
- Providing Award and Incentives to the achievement of this program  
为完成该计划提供奖励和激励措施
- Become Key Performance Indicator for all District/Sub District, Community Organization and related agency.  
成为所有地区/街道、社区组织及相关机构的主要绩效指标。
- Preparing the 2018-2022 master plan of this program as well as the budgeting based for in supporting this program activities.  
编制本项目2018-2022年总体规划，并编制支持本项目活动的预算
- Integrating all program activities between official agencies  
整合所有官方机构之间的项目活动

## BUILDING CAPACITY 能力建设

- Strengthening institutional implementation of this program 加强这一计划的制度落实
- Increasing the intensity of mentoring and friendly guidance for all district for related official agency, community leaders, volunteers and other stakeholders in the development of this program  
加强对所有地区相关的官方机构、社区领袖、义工及其他利益攸关方的辅导及友善指导



## COLLABORATION 合作

- Strengthening a partnership with stakeholders including Business, academician, media, environmentalist, community leaders to mobilize this program 加强与包括商界、学术界、传媒界、环保人士、社区领袖在内的利益攸关方的伙伴关系，以动员这项计划
- Socialization, increase understanding and awareness of the benefits of climate change action 提高对气候变化行动益处的理解和认识
- Conducting comparative studies, competition between Climate Kampongs 进行比较研究，气候村之间开展比赛
- Invite other financial supporting such as CSR to facilitate and develop the Climate Kampong 邀请其他资金支持，比如企业社会责任，促进和发展气候村
- Developing economic potential and benefits as a result of the activities of this program, such Urban farm, Medicine Herb, Walkable eco-tourism Kampung 通过本项目的活动，如城市农场、草药、步行生态旅游等，开发经济潜力和效益
- Form a Low Carbon society organization in the form of “a Cooperative” as a business entities that have members of the community based on cooperative principles as well as people’s economic and family based 以“合作”的形式形成一个低碳社会组织，以经济和家庭为基础的商业机构

# CLIMATE PROGRAM IMPLEMENTATION (Waste) 气候项目实施 (废弃物)



Composting 堆肥



减量、复用、再生  
3R



Waste separation  
垃圾分选



Plastic waste reuse for planting  
塑胶废物再用作种植用途





# CLIMATE PROGRAM IMPLEMENTATION (Waste Bank) 气候项目实施（废弃物银行）





# CLIMATE PROGRAM IMPLEMENTATION (Grennery)气候项目实施(Grennery)



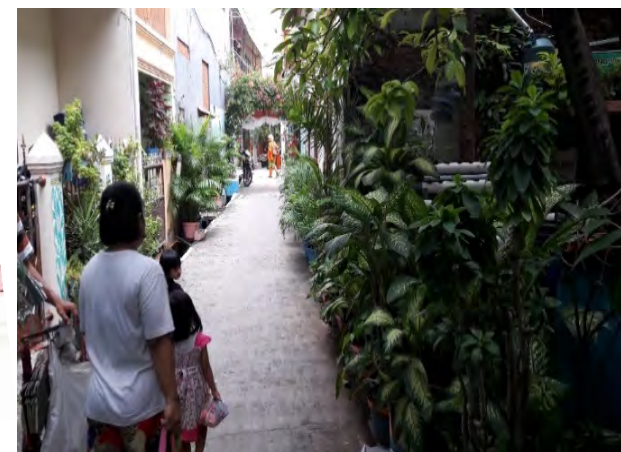
Planting in the yard  
在院子里种菜



Buiopore Absorption Hole  
吸收孔



Medicine herb planting  
医学草药种植



Rain water Harvesting and planting  
雨水的收集和种植



# CLIMATE PROGRAM IMPLEMENTATION (Economic Benefit) 气候项目实施 (经济收益)



Waste Compos Production  
垃圾合成材料生产





# CLIMATE PROGRAM IMPLEMENTATION (Energy Save and Renewable)

## 气候项目实施（节约能源和可再生）



### Waste to Clean Energy

### 废弃物转化成清洁能源



Changes to LED 换成LED灯





**Goal** 目标：鼓励建设以行人、自行车和公共交通工具使用者为本的步行友好型社区

Encourage the existence of walkable neighbourhood which prioritize pedestrians, cyclists, and public transport users.

**Locations** 三个试点项目  
Three pilot projects



RW 01 Sunter Jaya, North Jakarta



RW 01 Cikini, Central Jakarta



RW 05 Mampang Prapatan, South Jakarta

- Creating pedestrian & bike – friendly neighborhood 建造步行和自行车友好的社区
- Increasing the sense of belonging for every improvements made 为每一个改进增加归属感
- Doing capacity building & transfer knowledge to the people 加强能力建设，向人们传授知识
- Established the collaborative environment 建立协作环境
- Emphasized the direct role of women & children within the process 强调妇女和儿童在这一进程中的直接作用

Source: ITDP

来源:交通与发展政策研究所

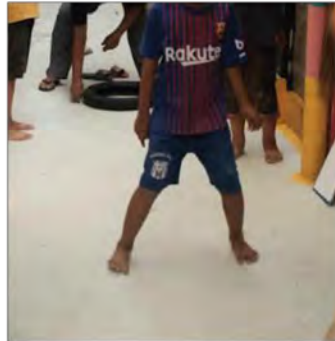
# CLIMATE PROGRAM IMPLEMENTATION (Walkable eco-tourism kampong)

## 气候项目实施(步行生态旅游村)

### Festifal Kampong



*Local event to celebrate and appreciate the improvements made by the locals. Time to find collaborators*



before ----- base paint ----- marking -----

### 儿童友好型街巷 Child-Friendly Alley



painting

after





# Traffic & parking management alley

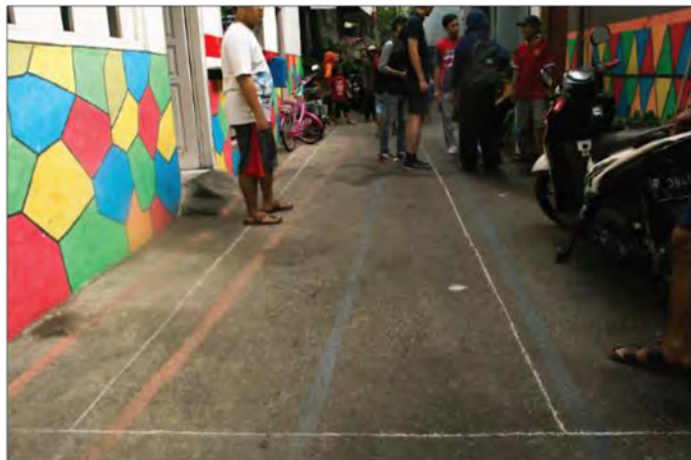
街巷交通及停车场管理

marking



after

before

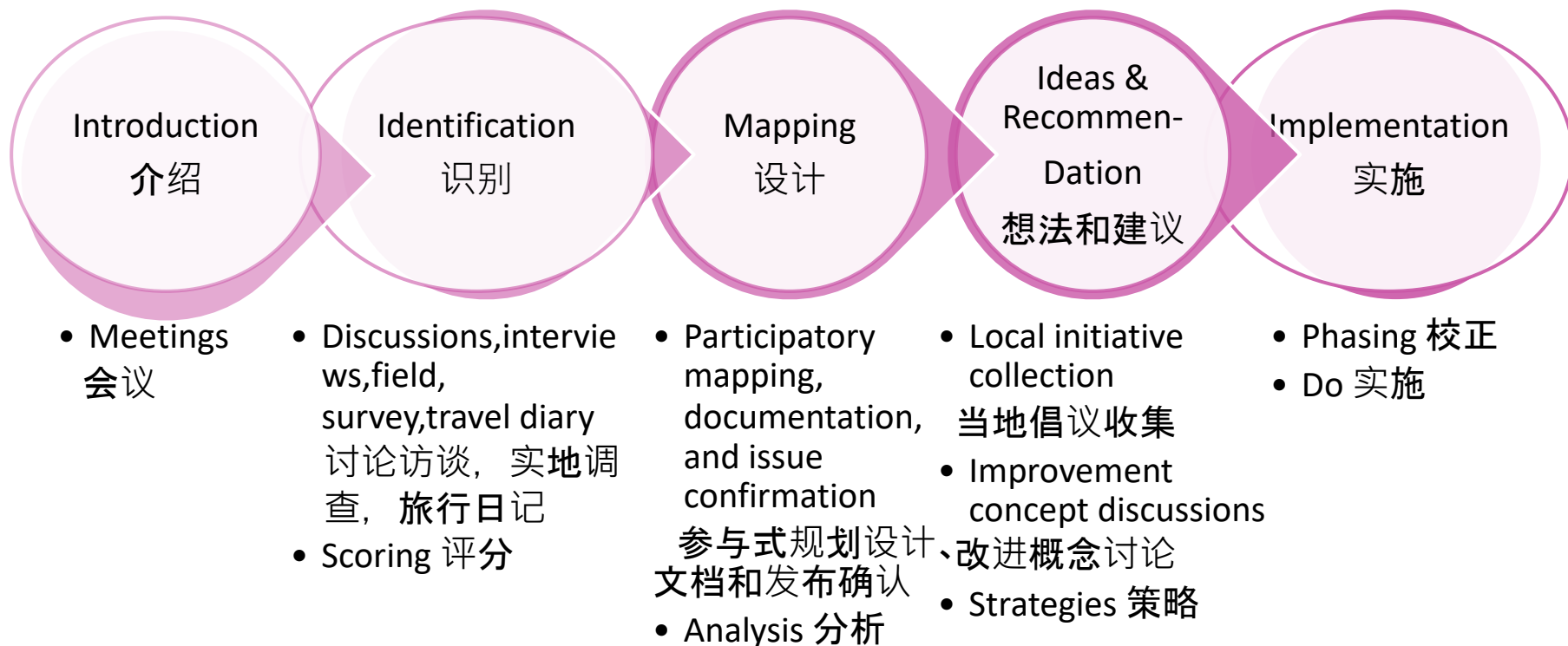


painting

Source: ITDP

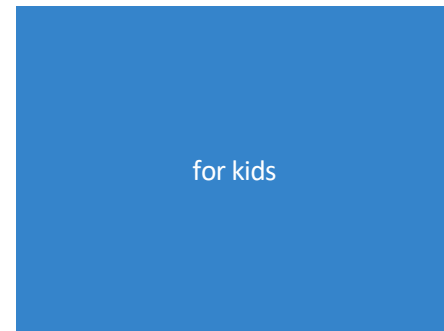
来源:交通与发展政策研究所

# Method 方法



# Identification 识别

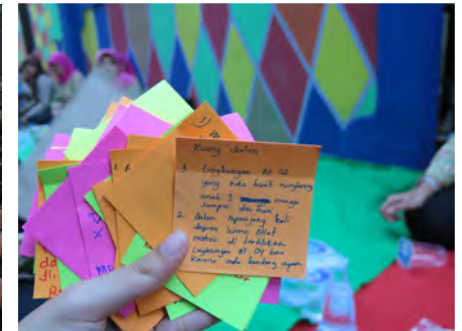
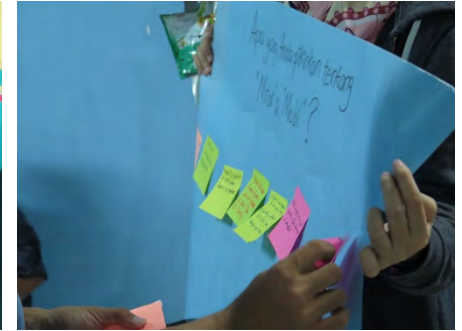
Sticker and Drawings 贴纸和图纸





# Identification 识别

## Perception Discussion



women and men group meetings



# Mapping 设计

Participatory mapping with women group  
妇女团体参与设计



Conducted by UN Women and was helped by ITDP

- ***Empowering the Community through development of Low Carbon Society and Involved them to achieve the target of GHG emission***  
*赋权社区，通过发展低碳社会，让社区参与到实现温室气体减排的目标中来*
- ***Set up the Mechanism of green community activities such living with an efficient and renewable energy and low carbon footprint. Not only physical program but also increase of a quality of life & socio-economic community*** 建立高效、可再生、低碳生活等绿色社区活动机制。
- ***Increasing the awareness and participation of the community for low carbon activities and the importance of climate activities for sustainability where one of the goal of the Climate Program is to be sustainability, “the lower carbon in a city, the more sustainability of the city”***
- 提高社区对低碳活动以及气候活动对可持续发展重要性的认识。气候项目的目标之一是可持续发展，“城市越低碳，城市的可持续性就越强”
- ***Establishment “a Low Carbon Society” as a place for Collaboration or Stakeholders to be involved***  
建立“低碳社会”，让各利益相关者参与其中，加强合作
- ***Local communities will be involved, trained, enhanced and sense of belonging to the Climate program***  
当地社区将参与、培训，增强气候项目的归属感

## CONCLUSION 结论

- **The climate program create some models (waste, economic benefit, walk and bike mobility, energy efficient) that managed by Local Community Organization in Climate Kampongs to give a positive contribution to Climate mitigation for CO2 emission (Reduction of GHG Emission) and sustainability**
- 气候项目创建了一些模型(废物、经济效益、步行和自行车移动、能源效率), 由当地社区组织在气候村管理, 为减少二氧化碳排放(减少温室气体排放)和可持续发展做出了积极的贡献
- **A Model could be replicability and up scale in other green zones (Climate kampongs) and other Cities as well**
- 该模型可以在其他绿色区域(气候村)和其他城市进行复制和规模化
- **Implement “a Special Program” as a replicable project, Upscale, and Prototype to help fill gaps to long-term urban development challenges as one of the scope of Climate Change**
- “特殊项目”作为可复制的原型项目, 可以帮助填补长期城市发展挑战的空白
- **Low Carbon society that has been formed with a cooperative institution will be sustainable (Cooperatives are business entities that have members of the community based on cooperative principles as well as people's economic movements based on the principle of family).**
- 通过合作制度形成的低碳社会将是可持续的。

THANK YOU 谢谢