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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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
GLOBAL CHALLENGES
LOCAL ACT
INTERNATIONAL ORGANIZATION SUPPORT

2009

COMMITMENT
30% of GHG Emission by 2030 (COP 15)
IPCC, PARIS AGREEMENT
C40 DEADLINE 2020
CITYNET CC CLUSTER

2012

GHG EMISSION ACTION PLAN REGULATION
COMPLY AND INTEGRATED WITH DEVELOPMENT PROGRAM

2014

IMPLEMENTATION
SOLID WASTE ENERGY
TRANSPORTATION GREEN SPACE

2015

2017

GHG EVALUATION AND MONITORING
RESEARCH FOR EMISSION REDUCTION

2007

GLOBAL CHALLENGES
LOCAL ACT
INTERNATIONAL ORGANIZATION SUPPORT

承诺到2030年温室气体排放的30% (COP 15) IPCC、巴黎协议C40《期限2020年》项目CITYNET气候变化

实现固体废弃物能源运输绿色空间

《温室气体排放行动计划条例》遵守和整合开发计划

JAKARTA’S URBAN CLIMATE VILLAGES

雅加达的城市气候村
The action plan aims to reduce GHG emissions and build resilience to the impacts of climate change, through:

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

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

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

Building a Low Carbon society in the City throughout the Local Communities as approached in the Urban Climate Villages (Kampongs)
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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
CLIMATE ACTION PLAN 气候行动计划

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
- 3R
- Waste separation 垃圾分选
- Plastic waste reuse for planting 塑胶废物再用作种植用途

减量、复用、再生
Number of Waste Bank Per Mei 2018: 1,354 units

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
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

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

Locations

Three pilot projects

- Creating pedestrian & bike - friendly neighborhood
- Increasing the sense of belonging for every improvements made
- Doing capacity building & transfer knowledge to the people
- Established the collaborative environment
- Emphasized the direct role of women & children within the process

Source: ITDP
Festifal Kampong

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

Child-Friendly Alley

Source: ITDP 来源:交通与发展政策研究所
Traffic & parking management alley

Source: ITDP
Method

Introduction
- Meetings

Identification
- Discussions, interviews, field, survey, travel diary
- Scoring

Mapping
- Participatory mapping, documentation, and issue confirmation
- Analysis

Ideas & Recommendation
- Local initiative collection
- Improvement concept discussions
- Strategies

Implementation
- Phasing
- Do
Identification 识别
Sticker and Drawings 贴纸和图纸 for kids
Identification 识别

Perception Discussion

women and men group meetings
Participatory mapping with women group

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
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

A Model could be replicability and up scale in other green zones (Climate kampongs) and other Cities as well

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

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