9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

17 PARTNERSHIPS FOR THE GOALS

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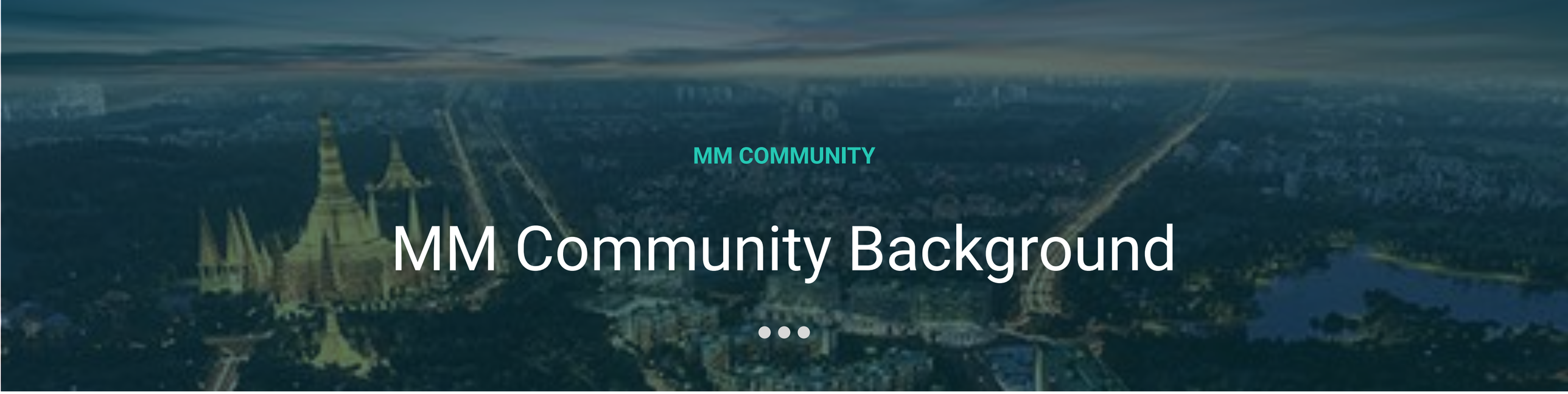
GOVERNMENT-COMMUNITY FINANCE & CIVIC ENGAGEMENT SOLUTION

“Community Infrastructure Financed by Community”

Promoting inclusive development by reinventing the planning process with crowdfunding technology, participatory budgeting, and reduced-interest government bonds



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MM Community Background

Partners for Myanmar Projects

UNIVERSITY OF OXFORD

Cambridge Social Ventures

數碼港 Cyberport

UNIVERSITY OF CAMBRIDGE Judge Business School

Forbes 30 Under 30

Forbes 30 UNDER 30

Social Entrepreneur

Class of 2020 in Asia

COMMVESTMENT MODEL

Local infrastructure funded by local users

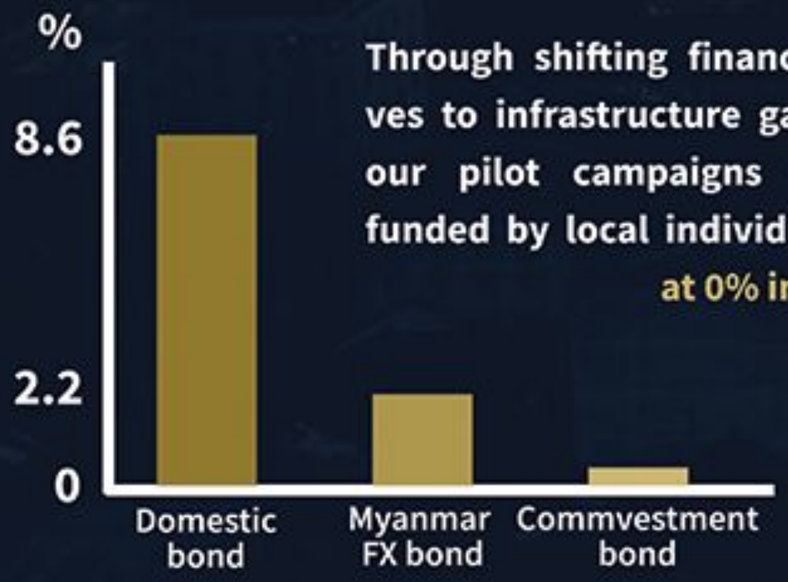
LOCAL USER

- **Local Knowledge** crowd-sourced from residents
- **Initial Cash Flow** provided by local infrastructure users
- **Social Validation** via crowd-funding campaigns

INFRASTRUCTURE

- **Expedited Development** of community infrastructure
- **Aligned Priority** with local resident demands
- **High Utilisation** as only the demanded are funded

LOW INTEREST GOV. BOND



Through shifting financial incentives to infrastructure gains locally, our pilot campaigns were fully funded by local individual backers **at 0% interest rate.**

MATCHING FUND

Matching funds from donations and impact investment could provide a boost to social validated projects from successful crowdfunding campaigns.

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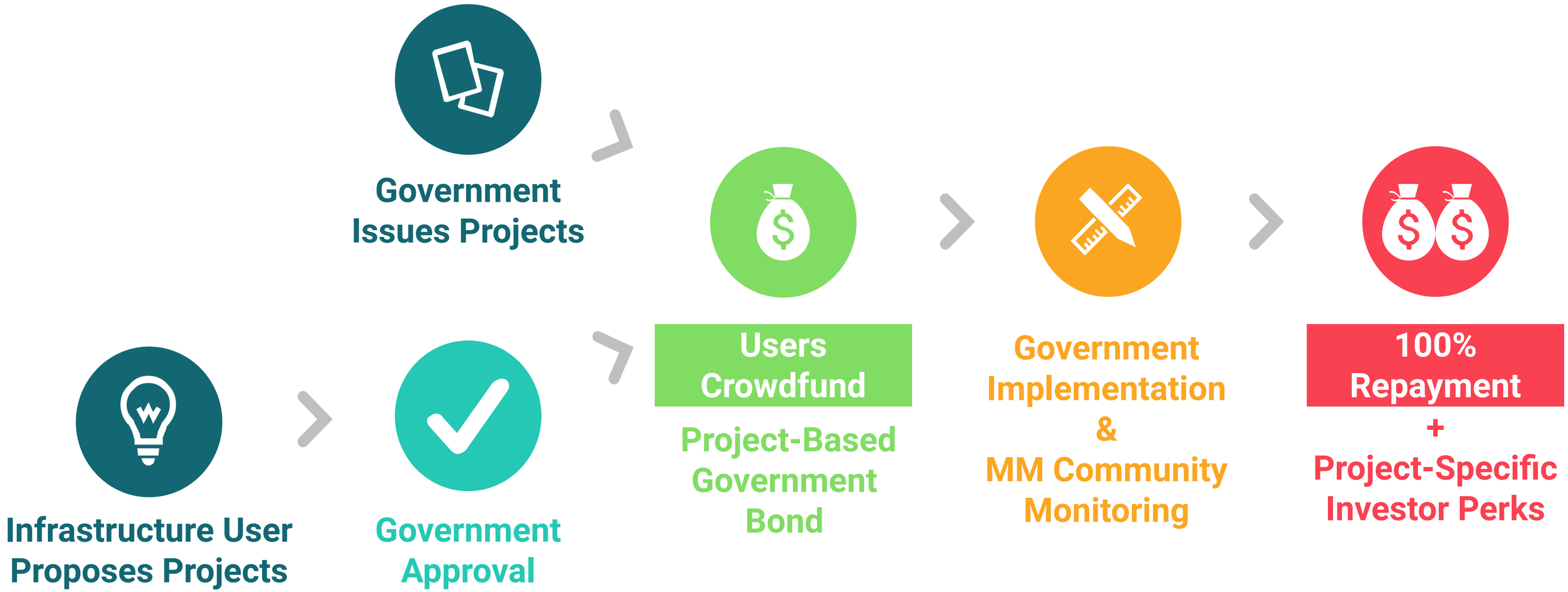
Citizens Pick or Propose Community Projects to Fund



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Win-Win-Win-Win Proposal

COMMUNITY	LOCAL GOVERNMENT	CENTRAL GOVERNMENT	DONORS
Infrastructure Gain	Additional Resource	Lower Finance Cost	Transparency
Project Selection	Civic Engagement Campaign	Decentralisation Process	Proven Community Backing
100% Repayment from Government	Speed Up Development	Increase Domestic Gov. Bond Demand	High Impact Public Infrastructure

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Thingangyun Elderly Fitness Space Project

Suburban Pilot Project

(August 2018 – January 2019)

In Partnership with Yangon Region Parliament Member - Ko Nay Phone Latt

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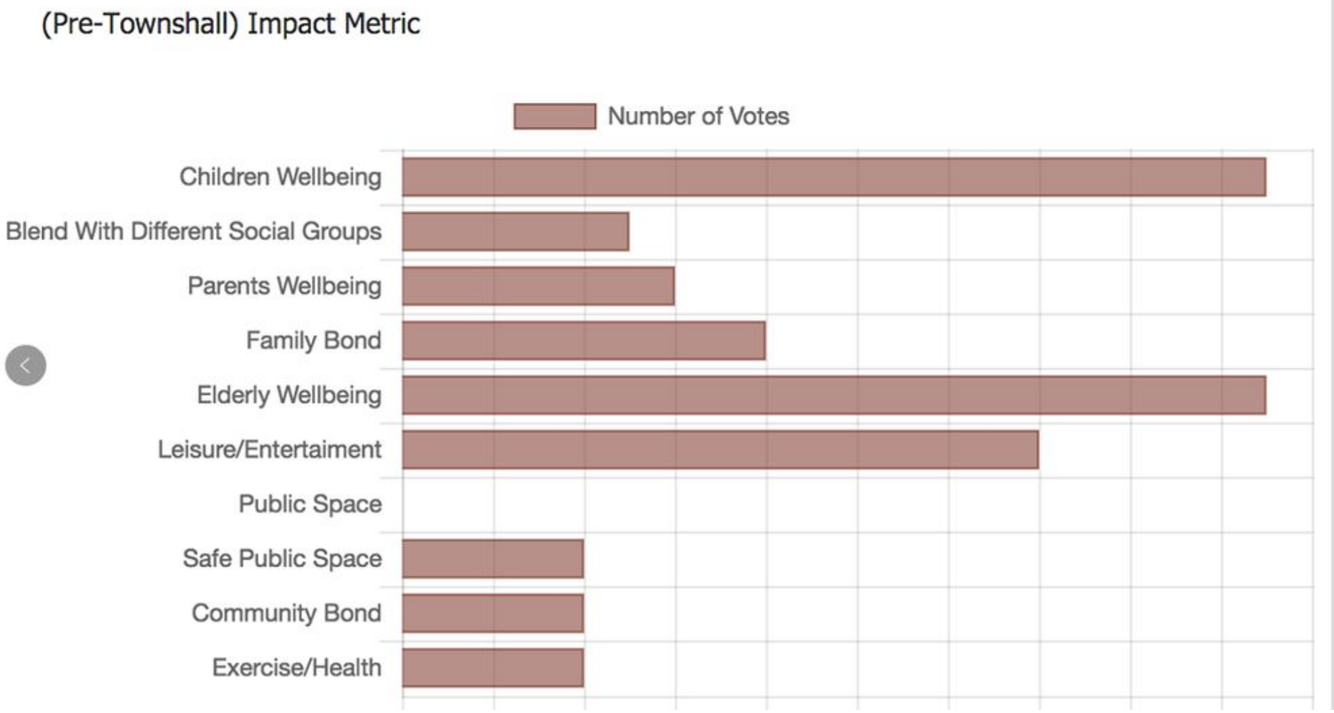
Pilot Project - Feb 2019



Outdoor Fitness Centre
Thingangyun Township

At the townhall meeting for community bond investment in Thingangyun Township, MP Nay Phone Latt and everyone are using Community APP to vote for on what is important to audit for the Outdoor Fitness Center. The voting results show that 1. elderly's well being, and 2. children's wellbeing are most important things to be audited for this project.

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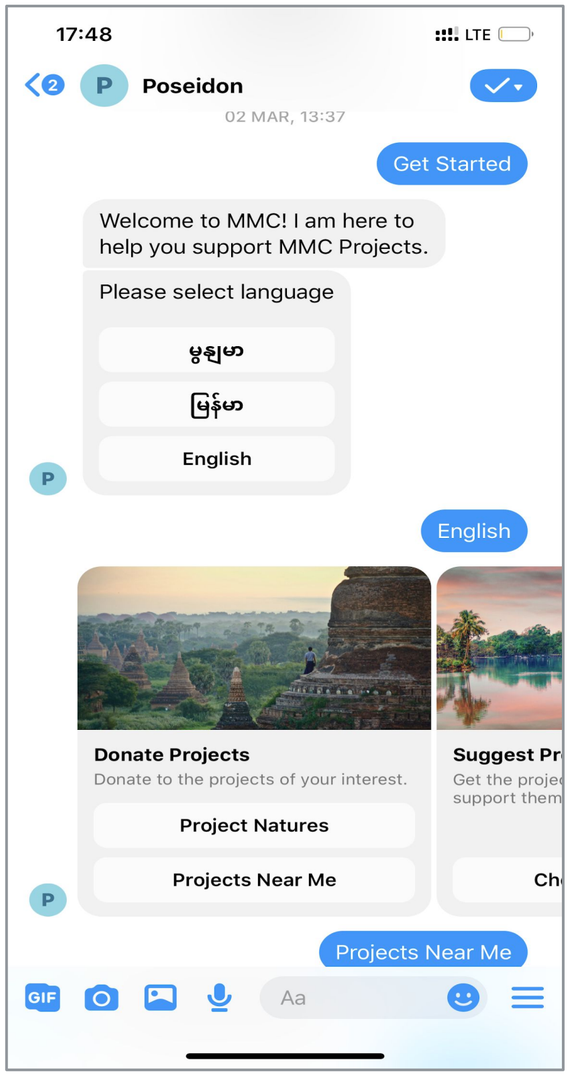
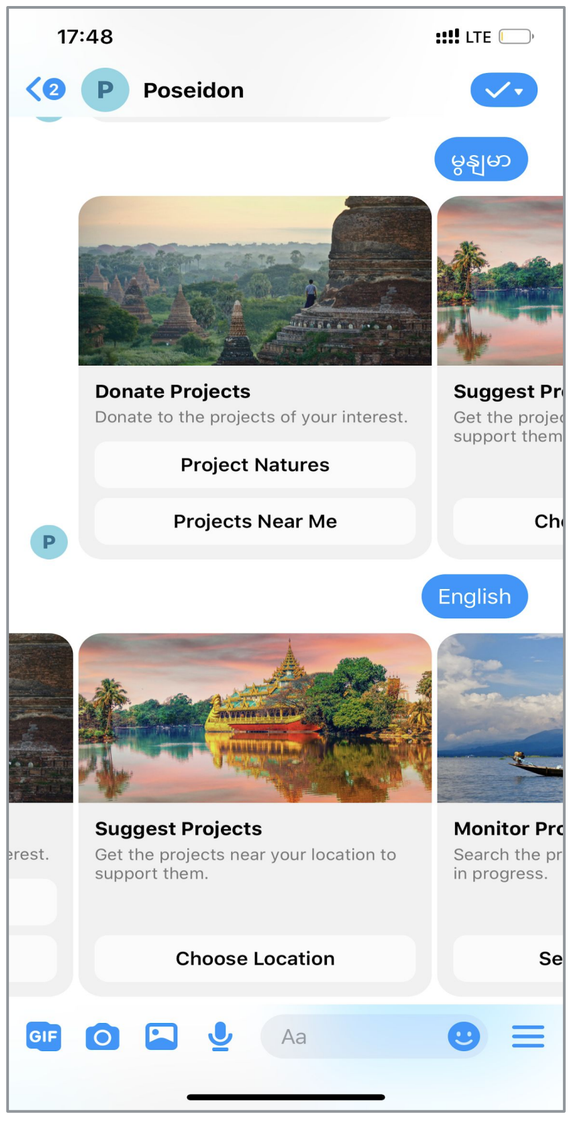
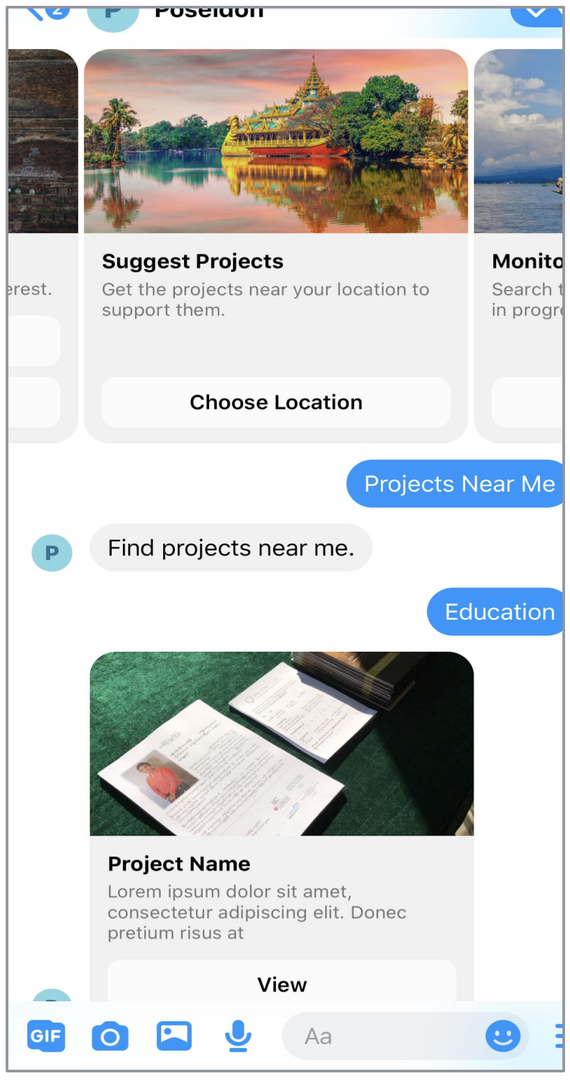
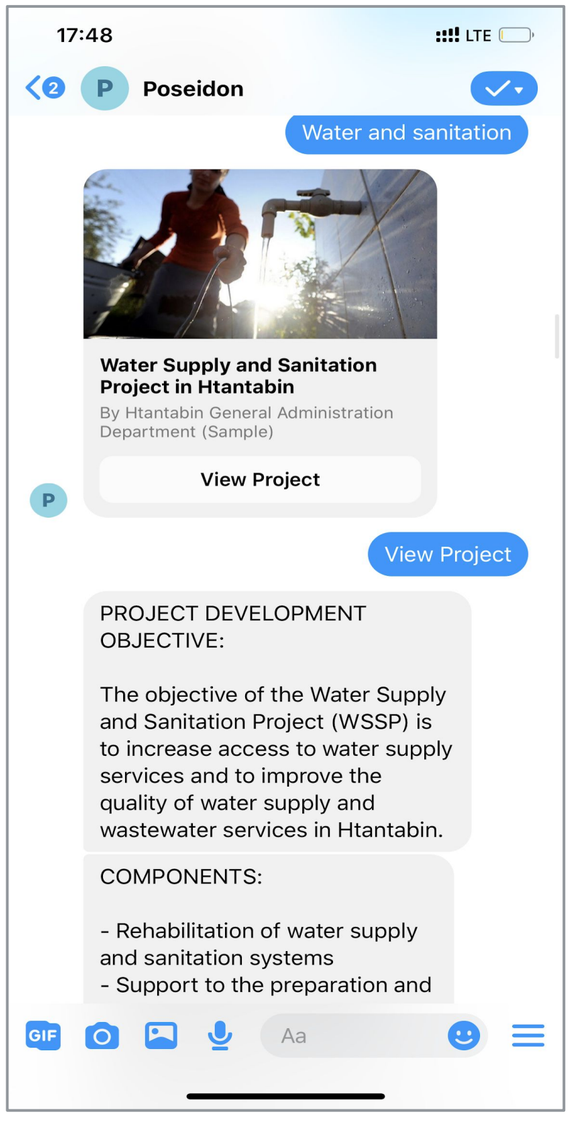
MMC Facebook Chatbot









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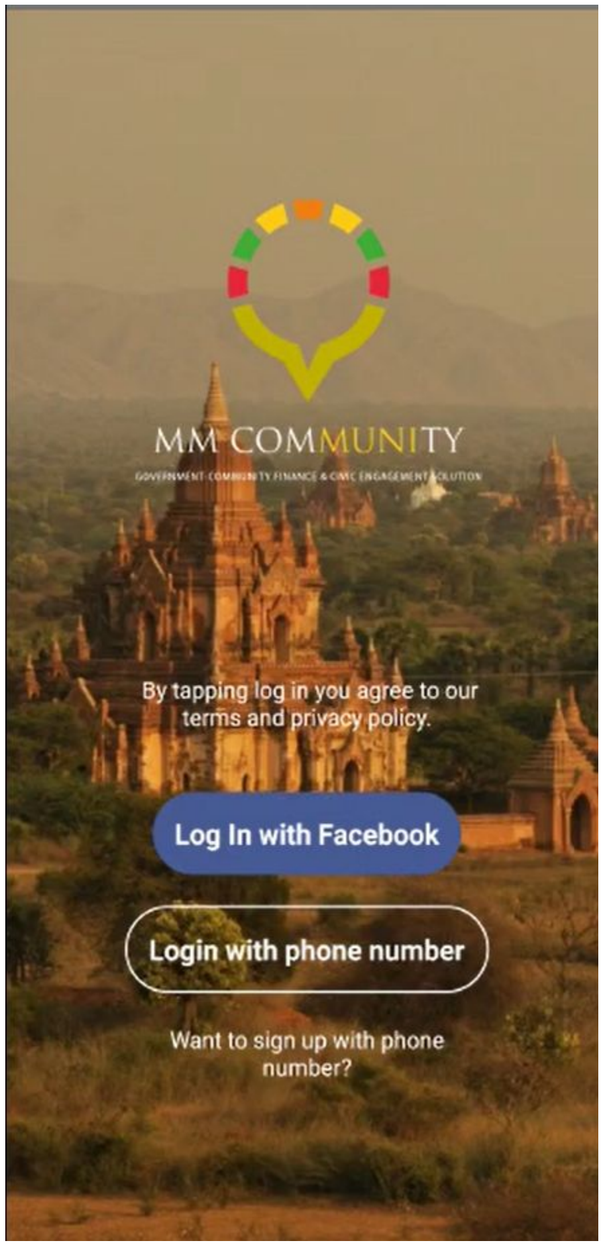
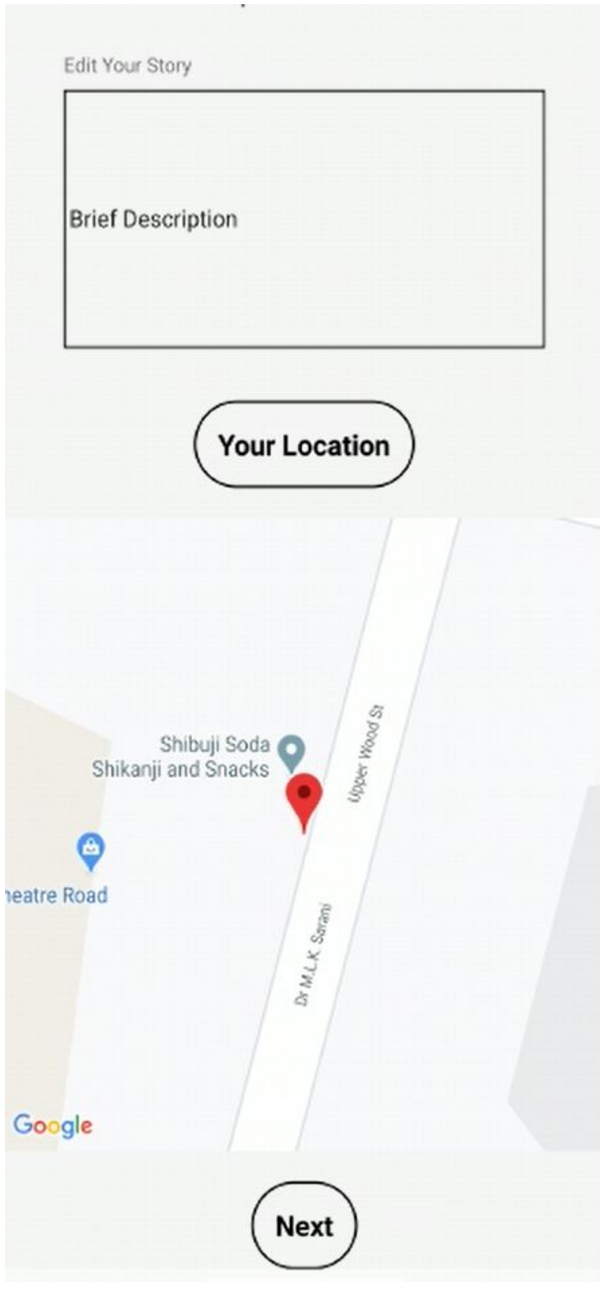
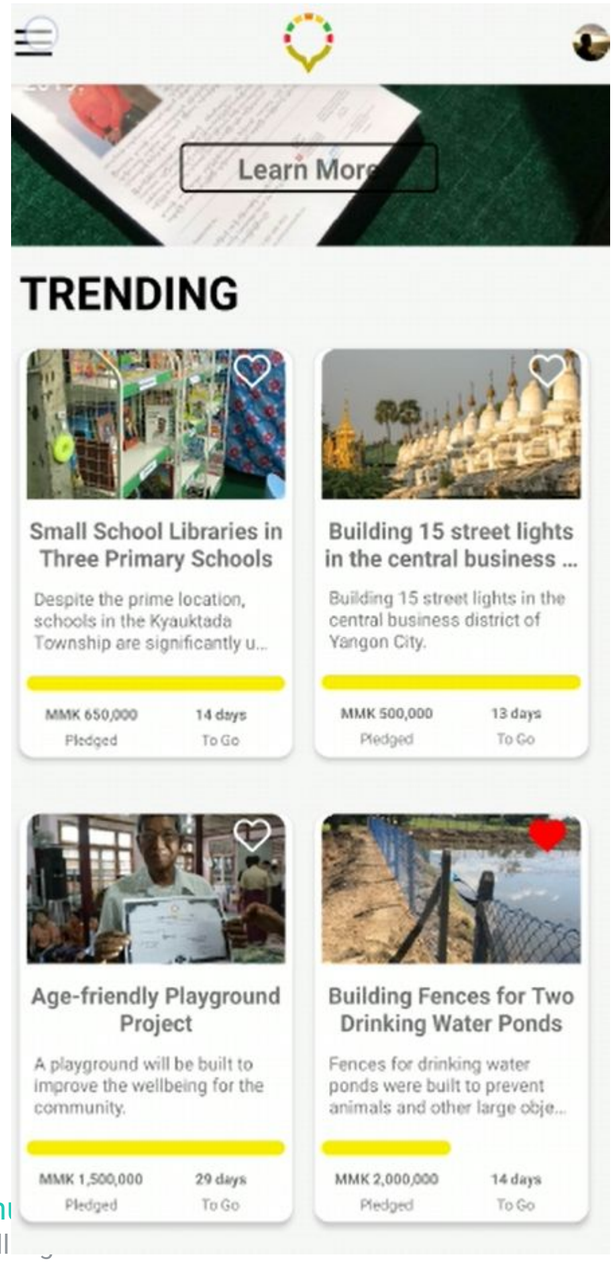
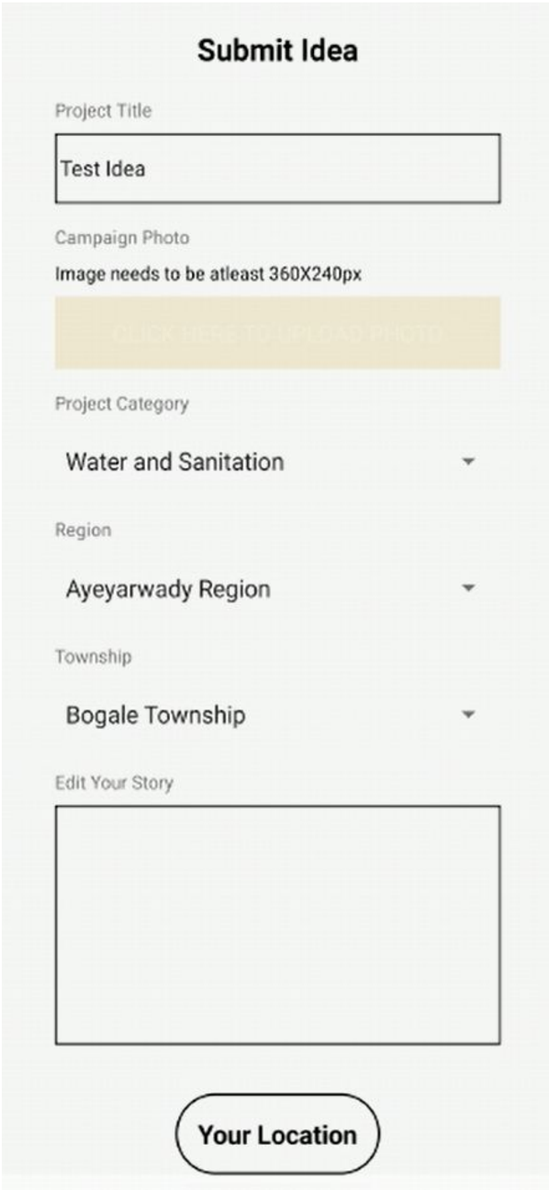
MMC Mobile App









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MM Community Map

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Community Needs ● Clinic/Hospital ● Drainage ● Electricity ● Heritage Restoration ● Public Wifi ● Roads and Bridges ● School/University ● Telecommunication ● Water Sanitation

Age	Community Needs	Gender	Region	Township	Street/ Village Name	Needs in your community	how much they want to donate to community projects	Have you ever donated to community projects	Suggestions for the government	In

Community Needs

- ☐ Clinic/Hospital
- ☐ Drainage
- ☐ Electricity
- ☐ Heritage Restoration
- ☐ Public Wifi
- ☐ Roads and Bridges
- ☐ School/University
- ☐ Telecommunication
- ☐ Water Sanitation

Region

- ☐ Ayeyarwady
- ☐ Bago
- ☐ Kachin
- ☐ Kaya
- ☐ Magway
- ☐ Mandalay
- ☐ Mon
- ☐ Rakhine
- ☐ Sagaing
- ☐ Shan
- ☐ Tanintharyi
- ☐ Yangon
- ☐ Scroll

Myanmar Map

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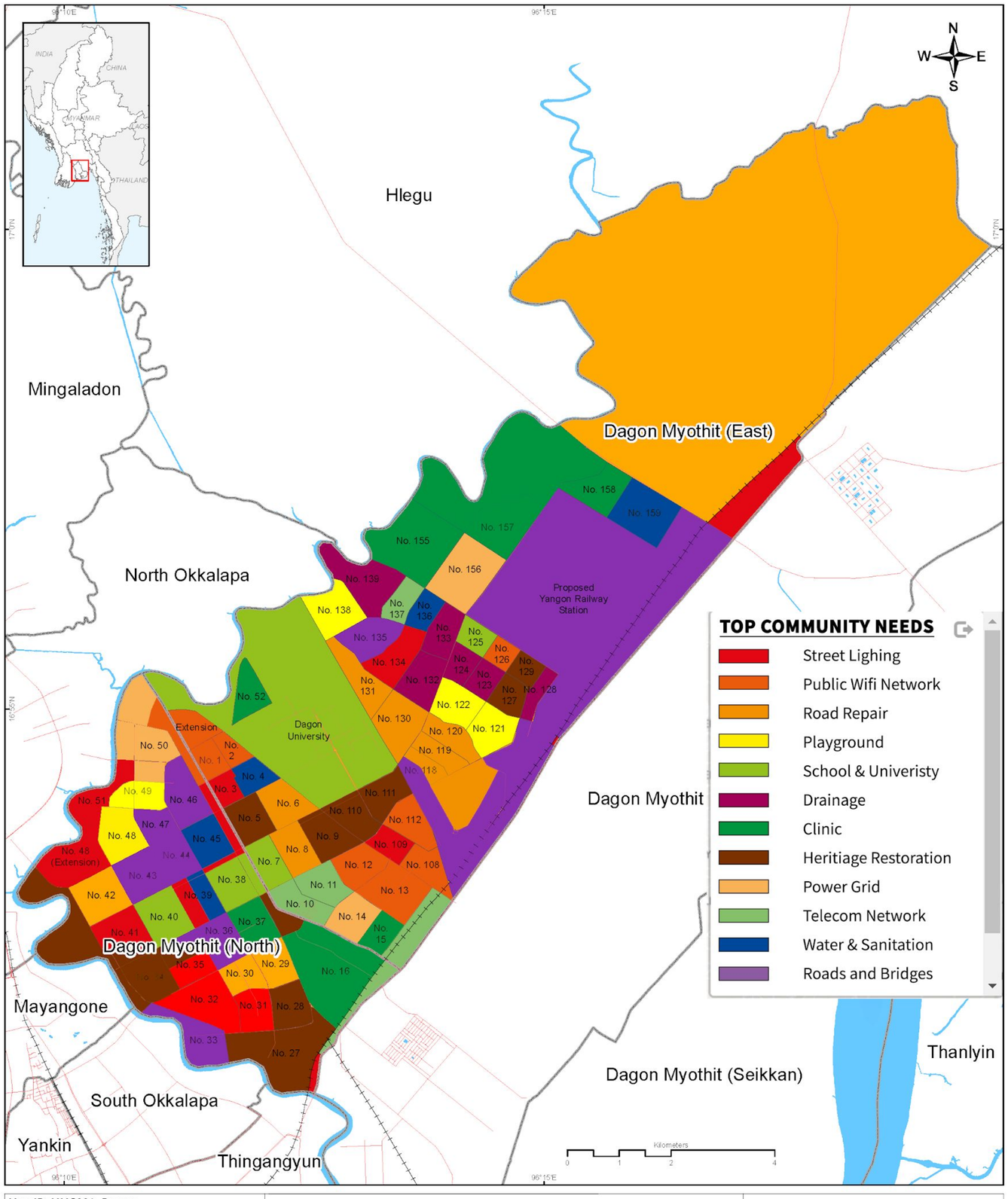
Geospatial Needs Model



Disclaimer: The names shown and the boundaries used on this map do not imply official endorsement or acceptance by the United Nations.

1 Mapping the Community Needs

To identity top community infrastructure needs across different townships using Geographic Information Systems (GIS)

2 Enhancing Decision Making

A framework for coordinating geospatial activities and data to increase efficiency

3 Potential Applications and Models

To support city planning, regeneration and development in Myanmar by providing open data and simulation.