

# Project Track 2

Green Transport and Renewable Energy  
Integration

# Project Track 2

## Green Transport and Renewable Energy Integration

### Business Flaming

- **Leveraging** operating systems for Green Transportation
- **Promoting clean energy** through the postal network
- **Upgrade to become a clean energy network (Energy Hub)** nationwide, especially in remote areas.
- **Connect with electricity network providers** such as the Metropolitan Electricity Authority (MEA) and the Provincial Electricity Authority (PEA).

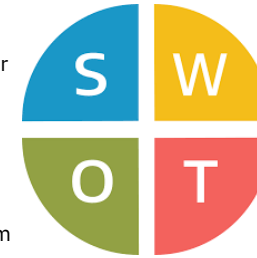
### Current Situation

- In lately 2024, THP established 250 EVs trucks into its own fleets and aims to transform all its own ICE vehicle (>1,400 trucks) within Y2040

### Project Team

- Project Leader : SEVP., Operting Systems
- Project Member : VP., Operating Systems Development Department

- The Postal network covers all areas nationwide.
- Electric vehicles (Evs) have been rolled out into operations, with a clear plan to increase the number of EVs
- Promote an environmentally friendly transportation ecosystem
- Generate additional income through new business models
- Reduce investment risks through collaboration with partners and international organizations



- It relies on an external V2G (Vehicle-to-Grid) system, which may delayed project's development.
- THP is currently no specific unit directly responsible for driving the project forward.
- Identifying electricity network service providers who are interested and willing to invest
- National regulations, laws, and policies that support the use of clean energy in the future

### Ambition and Milestones



#### Collaborate with Partners

Identify collaboration opportunities between postal services, city governments, and utilities for EV charging and clean fleet



#### Defined pilot site

Identify pilots for solar-powered depots and postal delivery Evs.



#### Business Model Feasibility

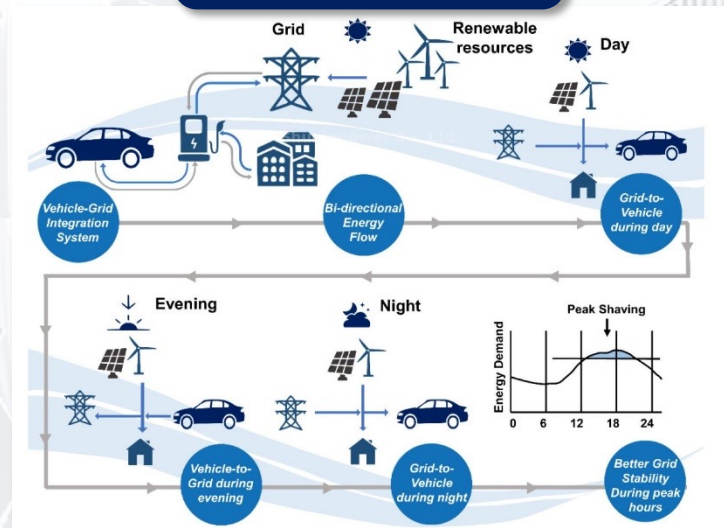
Analise Business model, Target customer, and Deman & Supply



#### Fund raising & Roll out

Collaborate with UPU & UNITAR for fund raising to accelerate the achievement of project.

### Vehicle to Grid (V2G)



# Electricity and Green Transport

EV Car instead Gasoline Car

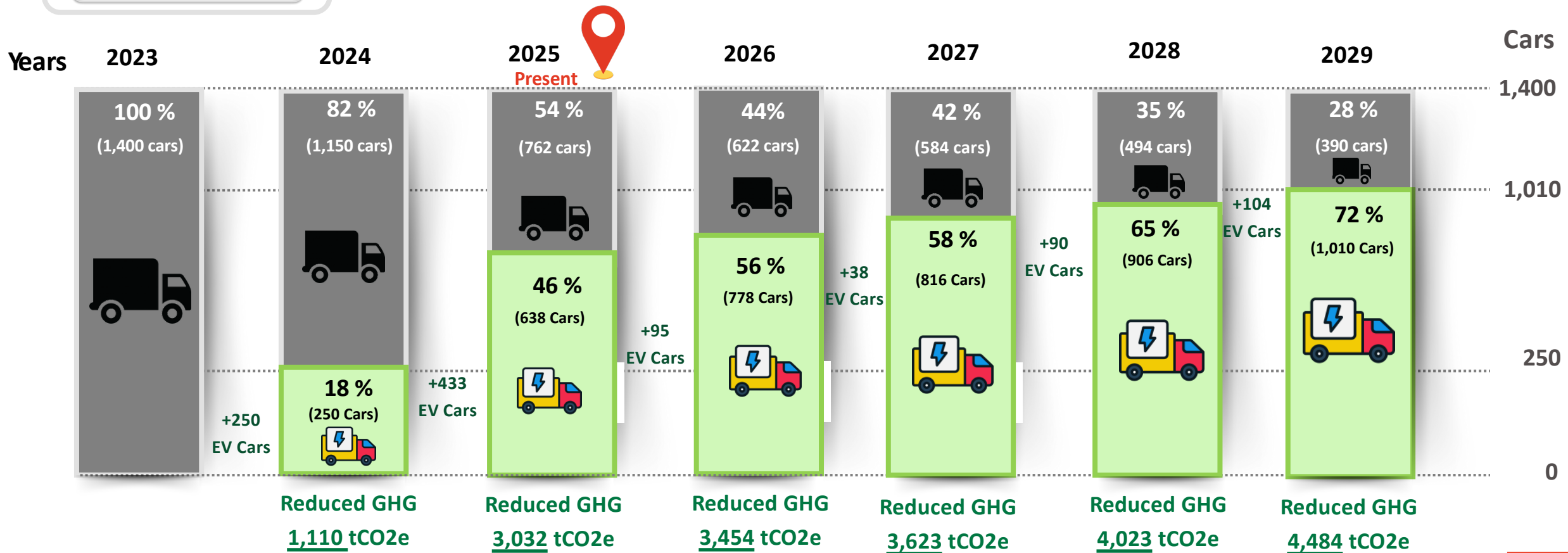
( GOAL 1,400 Car )



EV Car



Gasoline Car



# Business Model

Thailand Post has allocated a budget for the procurement of electric vehicles (EVs) to be used in postal operations, replacing internal combustion engine (ICE) vehicles that have reached the end of their service life. The goal is to acquire the required number of EVs within the timeframe specified in the operational plan. The procurement budget for EVs is subject to the company's financial performance.

Thailand Post is also interested in installing charging stations for large electric vehicles (e.g., 6-wheel trucks) to support the operation of its own EV fleet as well as that of private companies. The organization is currently exploring funding sources to initiate a pilot project for this charging infrastructure.

## List of Stakeholders

