



# ADAM & EV

## Adoption Dynamics Analysis Model for Electric Vehicles A Short Overview

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## High Level Goals

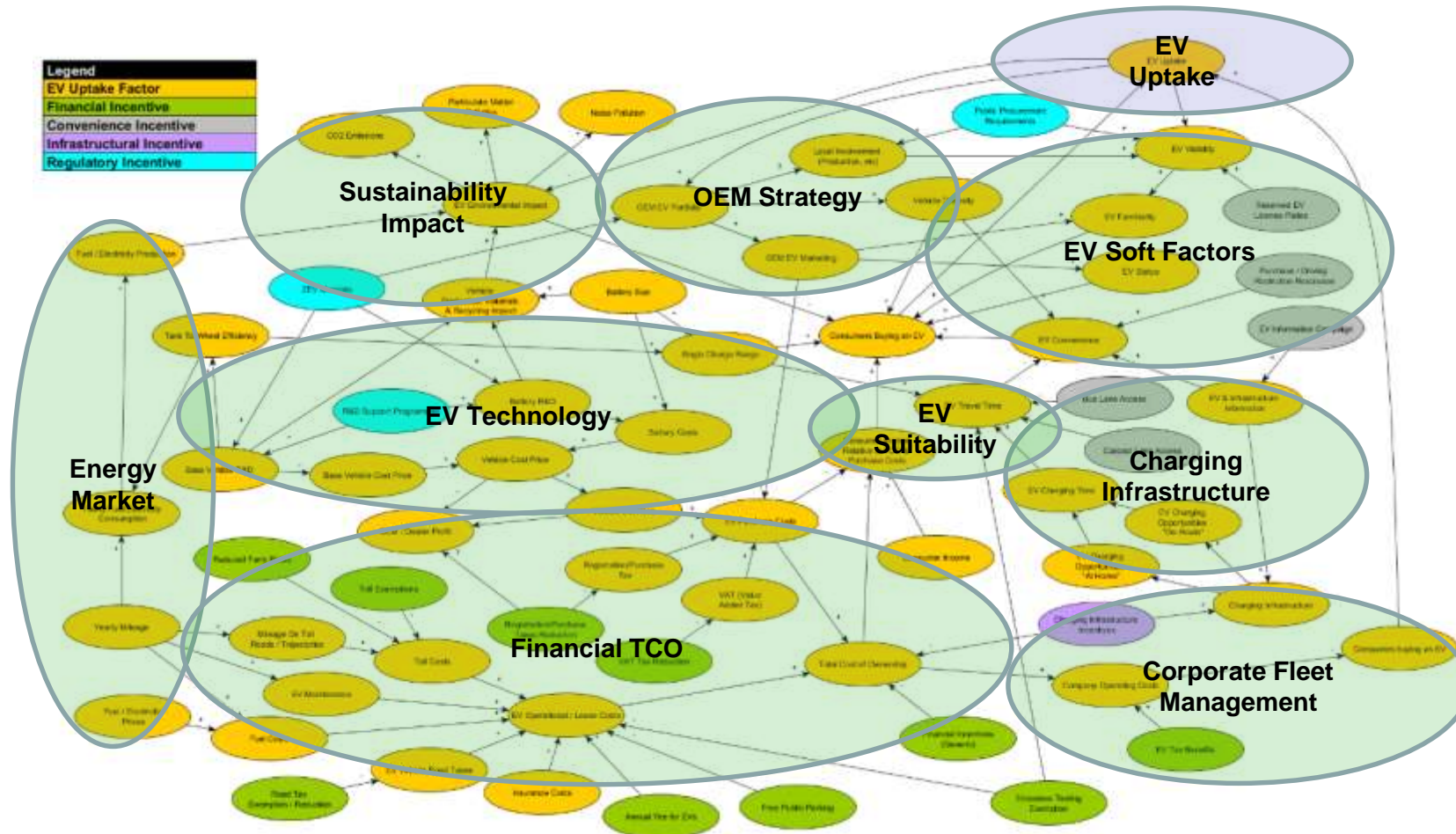
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- **Model Name: ADAM & EV**
  - Adoption Dynamics Analysis Model for Electric Vehicles
  - ADAM & EV is an Agent-Based Simulation Model
  - Main focus is on decision process for EV consumers – including the 2<sup>nd</sup> hand market!
- **The model should help to answer questions such as:**
  - What are possible effects of adding or removing an incentive in the coming years?  
How do people react?
  - If a zero-emission zone policy for 2030 is implemented, how does this affect consumers that rely on the 2<sup>nd</sup> hand market?
  - How much influence does a policy maker actually have on the EV transition? When is availability a bottleneck?
  - To what extent do car manufacturers influence the transition towards electric mobility?
- **ADAM & EV is a discussion and knowledge generation tool**
  - The goal is to show relations and trends, not to predict exact outcomes

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## Model Structure & Content

- The model is based on a **relational model of influential factors** towards EV uptake and includes different focus areas





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## Status & Remarks

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- **Remarks**

- The model is still in development
- The model is currently under the validation process
  - Comparison of real data with simulated ones in two different periods of time in the Netherlands

- **Model**

- Is developed with the Anylogic software
- There are two versions available online on the Anylogic cloud
  - Version 1.0 – [LINK](#)
  - Version 2.0 - [LINK](#)



## ADAM & EV – A simulation model to study underlying effects and relations in EV Adoption

A proEME project activity.

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