



JOINT ROAD FORWARD

A project that uses gaming and computerized simulations to study planning for mobility infrastructure and policy.

INTRODUCTION

The Joint Road Forward is a multi-year project aimed at developing gaming and simulation methods to better design mobility infrastructure and policies, leveraging different forms of relevant data, and participatory methods.

The research project is a collaboration between academia and industry in India and the Netherlands, with a goal to learn from both contexts. We will use mobility data mining methods to build specific mobility models, which form the base for the gaming and simulation platform.

Intended Audience
Policy makers, Transportation Industry, Academia

Keywords
Mobility, infrastructure, policy.

Collaborations
IIIT-B, TU Delft, KTH Royal Institute of Technology

APPROACH

Our approach leverages both gaming and computerized simulations, built and validated using data from Indian and Dutch contexts. Computerized simulations offer a space for experimentation at scales of cities, and gaming simulations provide the ability to use participatory approaches enabling multiple stakeholder engagement.

The goal of the project is to explore the role of transport infrastructure and mobility on the daily lives of people. Using gaming and simulations we intend to explore this in local cultural contexts of India and the Netherlands.

OUTPUT

Gaming and computerized simulations.

