A-to-Be

Managed Lanes

Your complete solution for reducing congestion

> "A 42% peak-hour travel reduction among participants, with a global decrease of 7% in congestion."
>
> City of Rotterdam, The Netherlands

Integrating lane and on-board systems, applying dynamic pricing and enforcement systems for Express/HOV/HOT lanes.

COMPLETE. SIMPLE. RELIABLE.

Meet you operational goals with **time-of-day pricing**, **vehicle eligibility** and **controlled access.**

Roadside & Back office
Managing demand

Electronic tolling | Video tolling | Free-flow tolling | Enforcement | Dynamic Pricing

Identifying vehicles, pricing (when needed) and controlling drivers in dedicated channeled managed lanes environment.
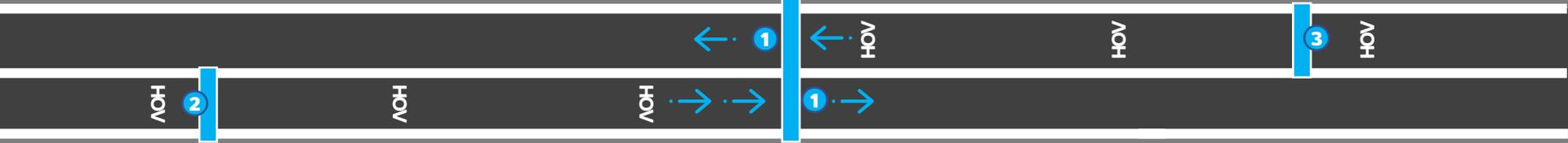
A wide range of options including **vehicle occupancy** and **dynamic pricing** to determine the eligibility of drivers to use a **dedicated express lane**, relying on identification methods such as **video**, **sensors** (e.g. lasers, radar) and **radio-frequency** ID.

Real-time

A-to-Be roadside systems allow for real-time information on each individual transaction, controlling all managed lanes through a single unified graphical interface.

1 OBU identification

Using radio-frequency technology and tested systems for vehicle precise identification, allowing for self-declared vehicle occupancy.

Tolling Back Office

Capitalizing on over 40 years of tolling experience, A-to-Be's back office has evolved into an innovative and technologically advanced platform for accurate, efficient and secure toll collection, with a proven track record across multiple mobility services.

2 Video enforcement

Using reliable and thoroughly tested license-plate automatic systems for enforcement.

3 Audit

A-to-Be delivers an audit tool for revenue assurance, allowing operations to autonomously assess road systems performance, hence minimizing toll leakage and infractions.

Access control

By integrating with road-side subsystems, our solution is prepared to implement multiple access control logics for Express lanes and reversible lanes.

Vehicle Eligibility

Depending on the type of vehicle and its occupancy, vehicle eligibility is implemented through High-occupancy vehicle (HOV) lanes, adopting truck lane restrictions, and off-peak use of HOV lanes by non-HOV vehicles, or public transit restrictions.

Pricing

For both value-priced and toll lanes, our solution implements dynamic pricing for real-time mitigation of congestion or fixed time-of-day pricing, as well as occupancy-based toll fare.

> **"A 42% peak-hour travel reduction among participants, with a global decrease of 7% in congestion."**
> City of Rotterdam, The Netherlands

SATELLITE TOLLING   ELECTRONIC TOLLING   VIDEO TOLLING   SELF-SERVICE TOLLING   MANUAL TOLLING

A-to-Be offers a full spectrum of **integrated tolling solutions** and services for a variety of tolling modes. **From manual toll collection to satellite tolling**, providing turnkey roadside systems and central back office.

5.5m user accounts

Spread across road operators spanning two continents, solutions from A-to-Be serve over **1,100 miles**, **1,500 toll lanes** and **8.1 million vehicles**, processing **1.3 million images** each month, and **4 million customer support contacts** each year.

1bn annual tolling transactions