

Introduction to TREDIS[®] 5

Live Demonstration

Highway Expansion Case Study

February 23, 2016

Agenda

- **Brief TREDIS Overview**
- **Live Demonstration**
- **Questions & Answers**

What is TREDIS?

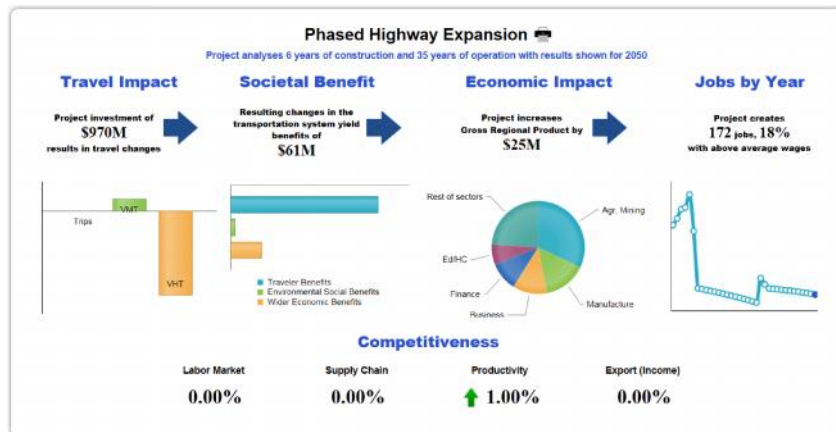
TREDIS® is a **decision support system** that helps tell the economic impact story for your transportation project.



Provides **insights** to help you **make decisions, plan, and communicate** the

- economic impact,
- benefit-cost,
- financial impact, and
- freight implications

of your project or program.



TREDIS Precision

TREDIS® is highly precise

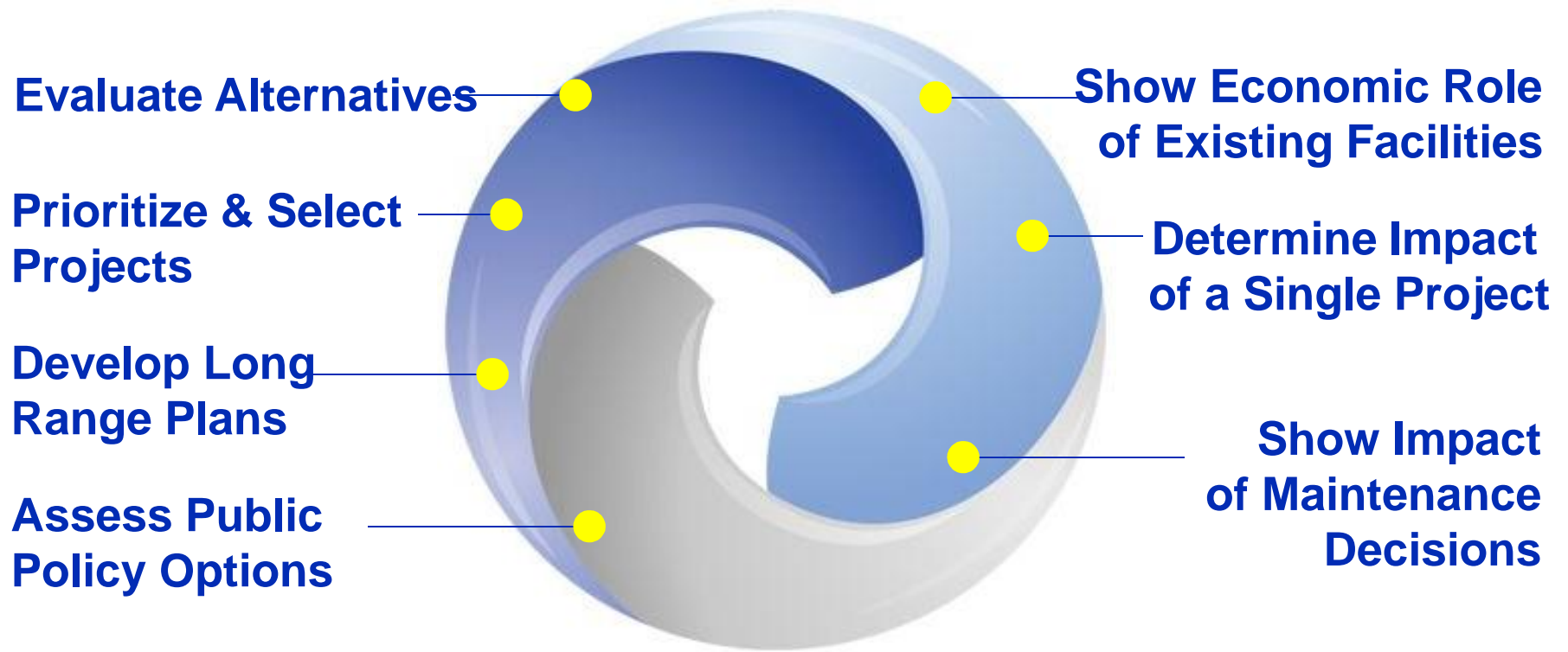
- Trusted Data Sources
- Customized Spatial Detail
- Expanded Freight Data Sets
- Multimodal Analyses
- Dynamic Multi-year Travel Characteristics
- Different Growth Rates for Trips, Mileage, Travel Time
- Expanded Forecast Year
- Market Access Measures
- Workforce Migration Effects



Interactive graphics give you the opportunity to drill-down into the numbers for greater **transparency**.

- View and trace intermediate calculations.
- Supported by documentation and publications

Addresses Stages of Planning Process



TREDIS Basics

Guided User Interface

Setup

- Name
- Planning Stage
- Relevant Modes
- Time Periods
- Study Regions
- Alternatives

User Inputs

- Costs
- Travel Conditions
- Market Access

Results



All Modes:

Road Rail Aviation
Marine Pedestrian
Bicycles Custom

Enables Multimodal Analyses

Webinar Case Study

PROJECT:

Interstate Highway Capacity Expansion

Two phase project

- Initially - 1 lane expansion in each direction
- In 2038 – additional 1 lane expansion in each direction

OBJECTIVE:

Improve Economic Impact and Increase Jobs



**LIVE
DEMONSTRATION**

Recap: Highway Expansion Study

- **Project Impacts in 2050**
 - VHT Savings 5.7%, \$54M in societal benefits, \$26M increase in GRP, 190 additional jobs
- **TREDIS Analysis Improvements**
 - Accurate modeling of service characteristics in terms of vehicles and passengers
 - Availability of consistent analysis across projects





TREDIS® 5

*Greater Visualization Capabilities
Allow you to Communicate Impacts Clearly*



- **TREDIS 5 Trial Now Available!**

- Register: www.tredis.com/trial

Select “Full Suite” option

- **Upcoming Webinars**

- March 1: Freight Planning & Economic Development
- April 4: Introduction to TREDIS 5

Register and View Recordings:
www.tredis.com/resources/webcasts



For More Information...

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