

# **Introduction to TREDIS<sup>®</sup> 5**

## **Live Demonstration of Transit Case Study**

**December 15, 2015**

# Agenda

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

# What is TREDIS?

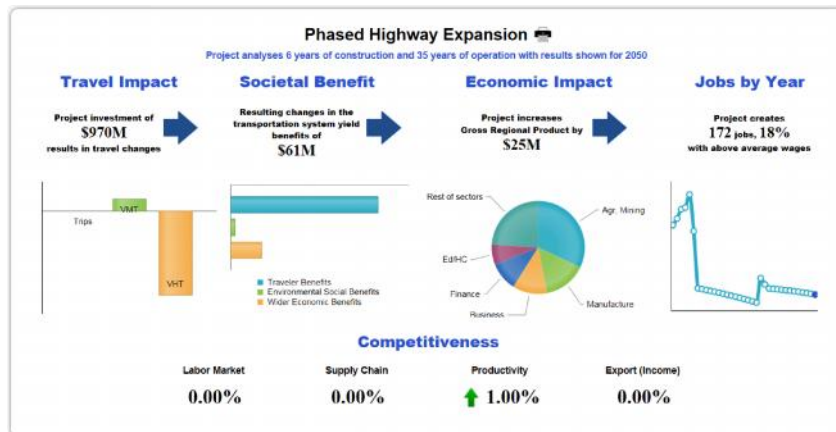
**TREDIS®** is a **decision support system** that helps tell the economic impact story for your transportation project.



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

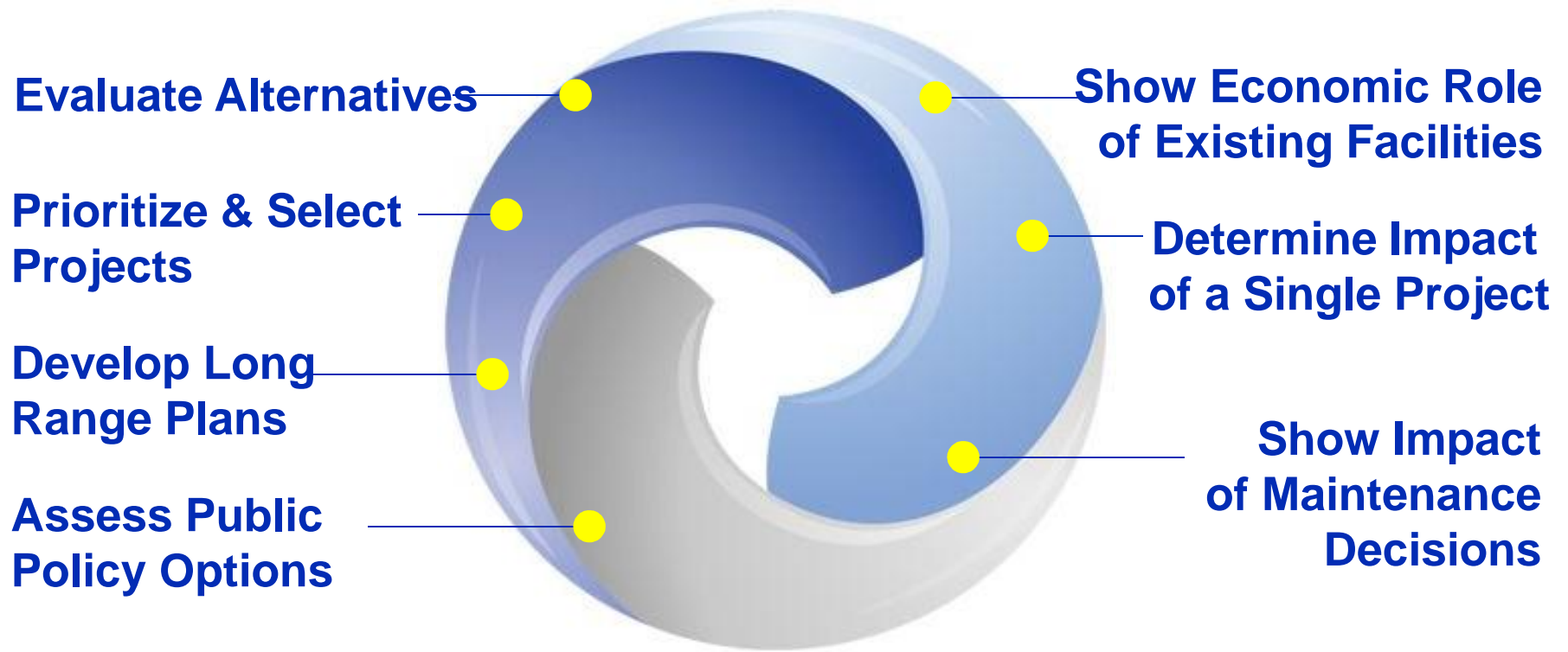
- Trusted Data Sources
- Customized Spatial Detail
- Expanded Freight Data Sets
- Multimodal Analyses
- Dynamic Multi-year Travel Characteristics
- Different Growth Rates for Trips, Mileage, Travel Time
- Expanded Forecast Year
- Market Access Measures



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:** Commuter Line Upgrade to Regional Rail

- Double train trips operated on a busy commuter line
- Improve peak period but focus on all-day rapid service

**OBJECTIVE:** Improve commuter efficiency and allow rails to be productive all day



**LIVE  
DEMONSTRATION**

# Recap: Using TREDIS for Transit

- **Project Impacts in 2050**
  - VMT down 1.5%, \$188M in societal benefits, \$71M increase in GRP, 880 additional jobs
- **TREDIS Analysis Improvements**
  - Accurate modeling of service characteristics in terms of vehicles and passengers
  - Availability of consistent analysis across projects







# TREDIS<sup>®</sup> 5

*Communicate Impacts Clearly with  
Greater Visualization Capabilities*



- **TREDIS 5 Trial Now Available!**

- Register: [www.tredis.com/trial](http://www.tredis.com/trial)

Select “Full Suite” option

- **Upcoming Events**

- January 10<sup>th</sup> -12<sup>th</sup>: Visit us at TRB, Booth #216
- January 26<sup>th</sup>: TREDIS 5 Freight Planning and Economic Development

Register: [www.tredis.com/resources/webcasts](http://www.tredis.com/resources/webcasts)



*Questions?*



## For More Information...

**TREDIS Software Group**  
155 Federal Street, Suite 600  
Boston, MA 02110  
(617) 303-0424

[www.tredis.com](http://www.tredis.com)

info@tredis.com

sales@tredis.com