

# SOFTWARE

*As a leader in the development of economic evaluation methods, EDR Group also develops web-based tools and PC-based tools for measurement and calculation of economic patterns, trends, impacts and benefits of programs, projects and policies.*



**TPICS – Transportation Project Impact Case Study Toolkit.** For the Strategic Highway Research Program (SHRP2 Project C03), EDR Group led a team to develop a national case study database designed to assess the economic and land use impacts of built transportation investments.

**Econworks Web Toolkit.** AASHTO and FHWA set up EconWorks as a suite that incorporated the original TPICS case study toolkit developed by EDR Group plus a collection of new downloadable spreadsheet tools to assess wider economic benefits associated with reliability, connectivity and accessibility improvements.



**Colorado Transportation Investment Toolkit.** For Colorado DOT, EDR Group developed an excel-based "toolkit" that can be used to evaluate and prioritize projects on a mode-neutral, multi-criteria performance-basis.

**TREDIS – Transportation Economic Development Impact System.** EDR Group developed TREDIS® as a suite of tools to support transportation decision-making. It spans economic impact analysis, benefit-cost analysis, and financial analysis, and provides environmental and transportation performance measures.



**Airport Benefit-Cost System (ABC).** For Wisconsin DOT Bureau of Aeronautics, EDR Group developed a database and evaluation system for estimating the economic impact of GA airports and airport improvement projects throughout the state.

**Transportation Benefit-Cost Analysis Web Guide.** For ASCE, EDR Group staff coauthored the design and content development of a web guide to benefit-cost analysis for transportation projects. The guide is now maintained by the TRB Economics Committee.



**Local Economic Assessment Package.** For the Appalachian Regional Commission, EDR Group developed a handbook and web-based analysis tool for local planners to assess their local economic performance and business attraction opportunities. The LEAP system assessed local conditions, supporting infrastructure, performance gaps, and steps to enable future business development.