EESI Briefing: Investing in US Infrastructure for Maximum Dividends, May 12

John Stanton, President & CEO
THE ENVISION RATING SYSTEM
THE IMPORTANCE OF INFRASTRUCTURE

THE REALITIES OF THE WORLD WE LIVE IN

A NEW FACT OF LIFE

Infrastructure provides:
- A basis for public health
- A quality of life worth living
- Economic viability
- Aging Infrastructure
- Population Growth
- Diminished Resources
- Climate Change

It is no longer enough that infrastructure work, that it be constructed on time and within budget, or even that it last. It now must be sustainable.
OUR MISSION

WHAT IS ENVISION?

WHAT MAKES ENVISION UNIQUE?

To help infrastructure owners make more informed decisions about the sustainability of their infrastructure projects

Envision® is not a decision making tool...
It is a decision making guide

• Envision applies to all civil infrastructure
• Envision applies to all project phases
• Is designed to keep pace with a changing concept of sustainability
60 CREDITS IN 5 CATEGORIES

- QUALITY OF LIFE: 13 CREDITS
- LEADERSHIP: 10 CREDITS
- RESOURCE ALLOCATION: 14 CREDITS
- NATURAL WORLD: 15 CREDITS
- CLIMATE AND RISK: 8 CREDITS

5 LEVELS OF ACHIEVEMENT

- CONVENTIONAL DESIGN
- IMPROVED
- ENHANCED
- SUPERIOR
- CONSERVING
- RESTORATIVE
ENVISION PAST AND PRESENT

• 2011
  • First member company

• 2012
  • First Envision Sustainability Professional (ENV SP)

• 2013
  • First Envision verified project

...  

• 2017
  • 273 corporate members, 41 city/agency members
  • 5,700 ENV SPs
  • 29 verified projects representing $10 billion
  • 8 projects actively in verification
  • 28 registered projects ($5 billion)
How Envision Rates Projects Today

Planning → Design → Construction

Design Assessment

(Design and Construct for) Operation
(Design and Construct for) End of Life
How Envision v3 Rates Project

Planning  Design  Construction

Optional Preliminary Design Assessment
Final Post-Construction Assessment

(Design and Construct for) Operation
(Design and Construct for) End of Life
Envision “Portfolio-Wide” Pilot Project

- Pre-Assessment
- Optional Preliminary Design Assessment
- Final Post-Construction Assessment

- Planning
- Design
- Construction

(Design and Construct for) Operation
(Design and Construct for) End of Life
Portfolio Verifications

- Final Assessment
- Project-specific Features

- Pre-Assessment
- Portfolio/City-wide
- Policies & Documents
Aggregated / City-wide Performance Data
Municipal, State/Provincial, and National Baselines
FOR MORE INFORMATION ABOUT ENVISION

SustainableInfrastructure.org

John M. Stanton
President
Stanton@sustainableinfrastructure.org