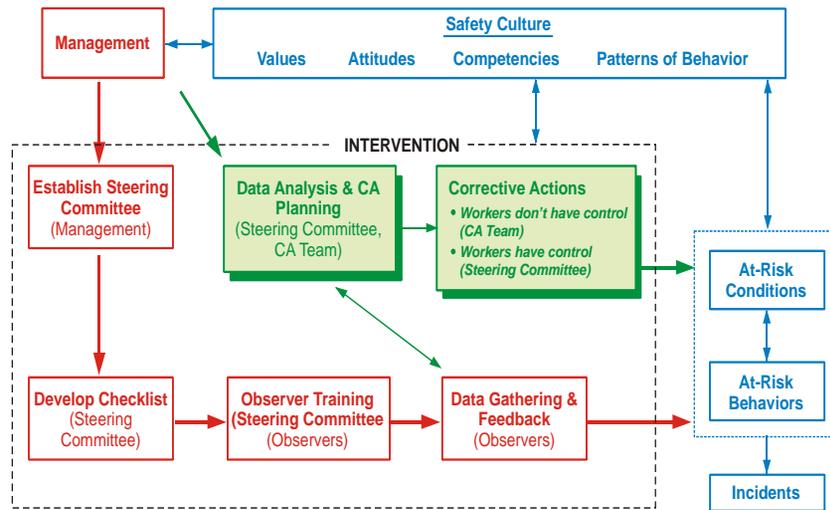


# Program Evaluation: Implementation and Impact Assessment Tools

## Program Theory of Change



## Project Description:

Develop program evaluation and impact assessment tools to support evaluation of on-going HF R&D demo projects (behavior-based safety, C3RS, ISROP, leading safety indicators, etc.), including:

- Program logic models
- Stakeholder buy-in and commitment strategies
- Program design and implementation plans
- Program outcome measures
- Technology transfer tools
- Implementation, outcome, and impact assessments

## Railroad Impacts (examples):

- At-risk behaviors cut by 2/3 over 17 months at UP Southern Region pilot site
- Amtrak-Chicago pilot reduced injuries by 80%
- CP Investigation of Safety-Related Occurrences Protocol pilot resulted in company-wide policy change
- Long term goals:
  - Build evaluation capacity
  - Improve R&D utilization, impact and effectiveness
  - Stimulate adoption of successful pilots programs
  - reduce HF accidents and injuries
  - Improve organizational safety culture

**FRA Task Monitor:** Mike Coplen, RDV32

## Schedule:

- FY07 – Support pilot implementations; conduct implementation, outcome, and impact assessments
- FY08 – Fund Program Evaluation Task Order Contract; Continue evaluations of pilot implementations
- FY09 – Continue evaluations of pilot implementations
- FY10 – Continue evaluations of pilot implementations
- FY11 and beyond – Continue evaluations of pilot implementations