

HIGHLIGHTING ENVISION CREDITS



QL1.3 Improve Construction Safety



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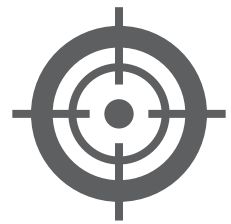


Envision includes 64 sustainability and resilience indicators, called 'credits', organized around five categories.

CREDIT HIGHLIGHT

QL1.3

Improve Construction Safety



CREDIT INTENT

Enhance public and worker safety during construction.



METRIC

Commitments and measures to monitor safety, provide feedback mechanisms, train personnel, establish security plans, and make health programs available.



QUALITY OF LIFE: WELLBEING

WHAT DOES THIS CREDIT ADDRESS?

The *critical goal of improving health and safety practices* during construction. Having and promoting a common focus on health and safety throughout the construction industry has benefits that extend beyond the individual project.



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WHY IS THIS IMPORTANT?

- ▷ Improved construction safety can have *benefits beyond protection* of health and human life.
- ▷ Companies that have a record in job site safety attract better employees, have higher retention rates, and are *more competitive* in the marketplace.
- ▷ The rigor of applying, training, and adhering to health and safety procedures can *increase productivity* by standardizing job site activities.



Project teams should consider:

- ▷ If new approach *may introduce risks* that were not previously present.
- ▷ Conducting *hazard analyses* and developing construction *safety plans* to address risks associated with using new materials, technologies, and/or methodologies.

QL1.3

Improve Construction Safety

Guides project teams to:

1. Make strong commitments to *monitoring and improving* health and safety.
2. Include *reliable feedback mechanisms* to identify risks, conduct hazard analyses, and communicate hazards to personnel.
3. Include *safety or security training* requirements for personnel.

QL1.3

Improve Construction Safety

Guides project teams to:

4. Include a *comprehensive security plan* to protect workers, the public, and sensitive information.
5. Include *health and/or well-being programs* beyond the specific activities associated with project delivery.



IN PRACTICE

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The owner and the project contractors for the Xochi Highway Project, Corredor de las flores, share a unified vision regarding the importance of worker health and well-being across all job sites. From the project's initial phases, the project team developed and implemented supervision and safety enhancement plans, reliable feedback and risk assessment mechanisms, and comprehensive health, wellness, and safety programs for both workers and the public. Key strengths of these plans include intensive on-site worker training across different construction activities and a free medical check-up schedule with regular vital sign monitoring for all subcontracted workers.

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Learn more at sustainableinfrastructure.org