

Technical Assistance Program (TAP)

Advancing Sustainable Infrastructure in Underserved Communities

The Technical Assistance Program (TAP) helps infrastructure owners in small or economically distressed communities plan and deliver projects that are more sustainable, resilient, and equitable.

Through TAP, project teams work with sustainability experts and academic partners to apply the Envision Sustainable Infrastructure Framework, gaining the tools and guidance needed to improve project performance and pursue verification.

Why TAP?

Many communities face barriers to accessing sustainability expertise and verification resources. TAP helps remove those barriers by providing **training, technical support, and collaborative learning opportunities** for real-world infrastructure projects.

Benefits

Selected project teams gain access to:

- Envision registration and verification fees waived for one project
- ENV SP training and credentialing for up to 10 participants
- Applicants Course participation for up to 5 team members
- A 7-session assessment workshop
- Biweekly collaboration sessions with subject matter experts
- Academic mentorship and technical guidance
- Opportunities to present and promote project outcomes

How it Works

APPLY

Eligible Infrastructure projects submit an application



LEARN

Project teams receive Envision training and credentialing support.



COLLABORATE

Teams work with experts and peers to evaluate sustainability performance.



ADVANCE

Projects move toward Envision verification and share lessons learned.



Who Should Apply

TAP is designed for public infrastructure projects that are:

- Located in small or economically distressed communities
- In planning or early design stages
- Seeking to improve sustainability, resilience, and equity outcomes
- Interested in pursuing Envision verification

Program Impact

TAP helps communities:

- Build local capacity for sustainable infrastructure
- Improve long-term resilience and project performance
- Access expertise typically unavailable to smaller communities
- Advance projects toward third-party verified sustainability outcomes

"We believe this is great opportunity to further the relationship between ISI and the sustainability community in Kenya by adopting a common language and understanding of sustainability for infrastructure projects through Envision. There's also an opportunity here to provide leadership for future infrastructure projects not only in Kenya but also across the region on how they can integrate equity, sustainability, and resilience in the planning, design, construction, and operation of infrastructure projects."

John Kabuye Kalungi, ENV SP,
ESG and Sustainability Partner, Miundo Misingi Hub

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The Institute for Sustainable Infrastructure is an education and research nonprofit (a 501c3) based in Washington DC. It was established in 2010 by the American Public Works Association (APWA), the American Society of Civil Engineers (ASCE), and the American Council of Engineering Companies (ACEC). Responding to the need for a comprehensive sustainability framework and rating system suitable for use in civil infrastructure development, ISI collaborated with the then Zofnass Program for Sustainable Infrastructure at the Harvard University Graduate School of Design to develop Envision.



ENVISION™ Envision is a holistic sustainability framework and rating system that guides and assesses the sustainability and resilience of all types of infrastructure. It is a comprehensive tool created to assist agencies, municipalities, consultants, contractors, and operators, in planning, designing, and delivering more sustainable infrastructure projects. The Envision framework is a decision-making tool that allows project teams to evaluate projects across a broad range of sustainability indicators, or "credits," that address environmental, social, and economic dimensions of sustainability to encourage systemic change. At its core, Envision is about supporting higher performance through better choices in infrastructure development.

Academic Support

Participating academic professionals provide subject matter expertise and mentorship to TAP project teams, while simultaneously incorporating the goals and objectives of TAP into the learning outcomes for their students. This relationship provides project teams with an additional resource for guidance, and students with an opportunity to gain experience applying sustainability principles to actual projects in small and/or economically-distressed communities.

TAP Project Participants

- Gaffat Community Preschool Project (Debre Tabor, Ethiopia, Africa)
- Chala Sustainability Agribusiness Pilot Project (Kenya, East Africa)
- Konza Technopolis Project (Konza, Kenya, East Africa)
- Granabastos Community Campus (Soledad, Colombia)
- Simulunda-Sindowe Pedestrian Bridge (Zimba District, Southern Province, Zambia)
- Rehabilitation and Improvement of Railway Infrastructure for the La Dorada-Chiriguaná Railway Corridor (Colombia)
- Rubidoux's Water and Education Community Center (Rubidoux, California, USA)
- Rehabilitation of Santa Isabel Wastewater Treatment Plant (Puerto Rico)