Engineering for Change AI Pilot

Explorer Program

Onboarding & Welcome Package
March 10 - 31, 2026

What to Expect

Each week you'll receive a ~10 minute challenge designed to help you:

- Ask clearer, more structured technical questions
- Use the tool to support your real-world work
- Strengthen your AI literacy in sustainable development contexts
- Provide structured feedback that informs future features and improvements

You are also encouraged to freely explore the tool outside of the weekly challenges.
As an early adopter, your input is part of the tool's evolution.

Getting Started

STEP 1: Register for KnowledgeXpert

Create your free KnowledgeXpert account here:
knowledgexpert.bearcreek.com/register-promo

Check out our registration tutorial:
https://youtu.be/TBClq5IlpFA

STEP 2: Subscribe to E4C's KnowledgeBases

You can directly access E4C's knowledgeBases here:
https://knowledgexpert.bearcreek.com/marketplace/org/engineering-for-change

STEP 3: Complete Weekly Challenges

Weekly challenges will be shared with you via email as well as through the E4C Community Forum.

STEP 4: Reflect & Share Feedback

Complete a short survey to receive tips on how to improve your use of AI for engineering for sustainable development. Use the survey or the E4C Community Forum to provide feedback.

If you complete all three challenges and surveys, you will receive a certificate of completion.

Engineering for Change (E4C) prepares, educates, and activates the international technical workforce to improve the quality of life for people and the planet. As artificial intelligence rapidly reshapes the way we design, test, and implement solutions, we see a critical opportunity: **responsible, contextualized AI can accelerate progress in sustainable development — if guided by practitioners like you.**

That is the purpose of the E4C AI Pilot and the Explorer Program. This initiative helps participants learn how to use AI as a *serious engineering and development tool*, while generating insights that shape the future of the E4C AI Tool itself.

As an early adopter, you are joining a global community helping to ensure AI meaningfully supports engineers, researchers, and innovators working on humanity's most pressing challenges.

We're grateful you're here. Your curiosity and expertise will help build what comes next.

Program Overview

E4C's AI Pilot leverages E4C's vetted knowledge to support more informed, efficient engineering decision-making for sustainable development.

Through this 3-week program (March 10–31, 2026), early adopters gain hands-on experience with the AI tool, build foundational AI literacy, and contribute structured feedback that directly influences future improvements.

Program Goals
- Strengthen your ability to ask sharp, structured, engineering-focused questions.
- Improve the quality, clarity, and usefulness of AI-generated outputs.
- Build professional AI literacy, especially in sustainable development contexts.
- Gather real-world insights that shape future features and content priorities.

Your Role
You are not just a participant — you are a co-creator. Your feedback helps guide the next generation of AI-enabled tools for sustainable development.

What You're Getting Access To

E4C KnowledgeBases

KnowledgeXpert integrates AI with E4C-validated knowledge to deliver accurate, real-world, context-sensitive engineering information. Below are the core knowledgeBases accessible through this pilot:

E4C Research, Reports & Webinars

Nearly 100 curated research reports addressing global sustainable development challenges, alongside content from expert-led webinars across academia and industry.

Learn more:
- Research: https://www.engineeringforchange.org/research/
- Webinars: https://www.engineeringforchange.org/webinars/
- YouTube: https://www.youtube.com/@EngineeringForChange/

E4C News & Insights

Thousands of articles on innovations, sector-specific challenges, case studies, technology spotlights, and practitioner stories.

Learn more: https://www.engineeringforchange.org/news-and-insights/

E4C Solutions Library

A living database of 1000+ essential technologies designed for resource-constrained environments. Technologies span eight sectors (agriculture, energy, habitat, health, ICT, sanitation, transport, and water) and follow a standardized comparison framework for decision-making.

Learn more: https://www.engineeringforchange.org/solutions-library/

The power of E4C's AI Pilot comes from combining E4C's deeply curated, impact-oriented content with AI's ability to surface patterns, synthesize information, and contextualize insights. Together, these knowledgeBases allow the AI tool to:
- Provide more reliable technical responses
- Reflect real-world constraints
- Draw on E4C's trusted sustainable development content
- Enable stronger comparisons, evaluations, and design guidance

Community Forum

The Community Forum is your hub for staying connected throughout the AI Pilot. It's where you can learn alongside fellow participants, ask questions, share discoveries, and offer feedback that helps shape the future of E4C's AI tool. Below are the channels and how to use them:

Welcome & Introductions
Meet your fellow Explorers. Share who you are, what you're working on, and what inspired you to join the AI Pilot.

Questions
Ask anything about the program, process, or how to approach a challenge. This is the space for clarity, curiosity, and support.

Announcements
Stay up to date with weekly challenge releases, reminders, and important updates from the E4C team. (Read-only.)

Challenge Channels
Each week has its own channel where you can reflect on the challenge, compare approaches, and learn from others.

Prompting Tips & Wins
Share your before/after prompts, surprising outputs, and lessons learned. Great for building collective AI literacy.

Feedback & Feature Requests
Your insights shape the future of the E4C AI Tool. Share ideas, gaps you've spotted, and suggestions for new features.

Feedback & Co-creation

At E4C, we design programs with — not just for — our community. Your insights and experiences will directly shape the AI tool's evolution.

How to Provide Feedback
- Using the 👍 / 👎 buttons inside the AI tool
- Completing the weekly challenge reflection surveys
- Posting in the community forum

What to Share
- Feature suggestions
- Output accuracy
- Missing considerations / bias concerns
- Limitations in the knowledge
- Real-world constraints the tool didn't account for

Your input ensures that this tool becomes more accurate, equitable, and effective for sustainable development practitioners everywhere.

Final Words

You are among the first to explore how AI can support engineering for sustainable development in meaningful, responsible ways. Your contributions will help build tools that serve practitioners worldwide and strengthen the global engineering community.

Thank you for being an Explorer. We're excited to see what you discover — and what we'll build together.

Let's engineer a better world together

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