engineering FOR CHANGE
Impact Projects

Impact Projects

2025 - 2026 Overview

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ABOUT E4C

A GLOBAL ECOSYSTEM

Founded in 2009 by ASME and other leading engineering organizations, Engineering for Change (E4C) is a knowledge organization specialized in Engineering for Sustainable Development with a global community of over 1 million that believe engineering can change the world. E4C's mission is to prepare, educate and activate the international engineering workforce to improve the quality of life of people and the planet. We do this by providing resources and platforms that accelerate the development of impactful solutions and ensure public health and safety around the globe.

To learn more visit,
www.engineeringforchange.org

Why Impact Projects?

Many organizations face innovation capacity limitations as they begin, grow, and expand into new arenas. Capacity and skills gaps impede the progress and success of potentially transformative initiatives. At E4C, we help to bridge these gaps. We source and manage technical talent to complete identified projects, while simultaneously giving partners the chance to help shape the future technical workforce for sustainable development.

Integration with the E4C Fellowship

Our Impact Projects are integrated with the E4C Fellowship Program. Through our bespoke recruitment process, we source capable and motivated Fellows with skills and passion aligned to project needs and gaps. Our comprehensive professional development program enhances Fellows' existing experience through a practically designed learning program, coupled with group and individual mentoring. In addition, we can bring in subject matter experts to provide Fellows with the support needed to apply their technical training to the projects.

Advancing Our Partners' Objectives

Partners receive support to complete their identified projects, while gaining exposure to high-potential, early-career technical professionals for potential long-term hires. We advance organizations' sustainability goals by matching our Fellows to research and design needs, in one of these project categories:

IMPACT RESEARCH

DESIGN FOR GOOD

ADVANCING WORKFLOWS

What are Some Examples?

Our Fellows spend 18 - 20 hours per week supporting organizations' projects, focusing on one of three categories:

Impact Research

Fellows investigate critical sustainability questions combining engineering and cultural insights. Projects include interview-based studies, and market or large dataset analysis.

Case Study: *Water-energy-food innovations in the Middle East.* Fellow Khaoula Trigui (Tunisia) did a landscape analysis and interview-based study resulting in a comprehensive report of opportunities and challenges in the region.

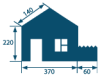
Design for Good

Related to product design, development, and deployment; projects range from early-stage needs assessments, to user validation testing, to implementation strategy development.

Case Study: Aerial release of seeds to support ecosystem restoration. Fellow Julian Krüger (Germany) developed a mechanical release system for seeds, which fed into a high-level plan to implement drones to restore mangrove species.

Advancing Workflows

Fellows improve your organization's efficiency through systems or processes. Projects include template development, software integration, and process strategy development.



Case Study: Improved automation of BIM workflows for retrofitting project. Fellow Valentina Ospina (Colombia) integrated building information modeling (BIM) capabilities into the organization's workflow for retrofitting projects to improve earthquake resilience in Colombia.

Why Collaborate with E4C?

Partnering with the E4C Fellowship offers you the chance to work with us in developing the next generation of leaders in engineering for sustainable development. We bridge the gap for these early-career technical professionals, providing them with the knowledge, skills and experience necessary to contribute meaningfully to sustainable initiatives within their local communities.

Reputation for Excellence

E4C has **10+ years of experience** offering targeted technical expertise to advance partners' impact goals. We have completed over 210 Impact Projects with a wide range of partners from academia, non-profits, multilaterals, private sector and government agencies.

Global Community, Local Impact

We leverage a global pool of high-potential early-career engineers, architects, and scientists passionate about social impact. In past years, we have received 700+ Fellow applications from 70+ countries. The selected Fellows join a diverse global cohort of early-career professionals, expanding their perspectives while elevating their understanding of the role we each play in addressing global issues.

Digital Presence

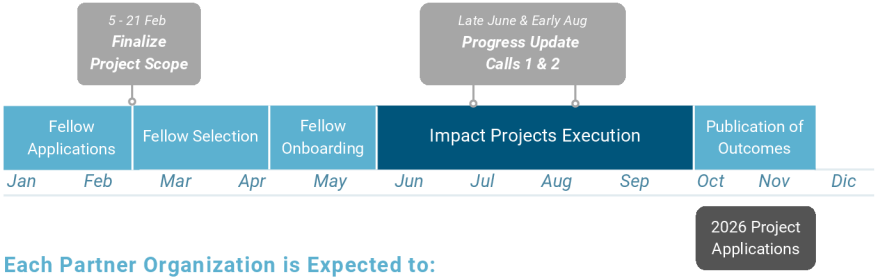
E4C's far-reaching online platform and social media presence, with over 70,000 members and approaching 1 million followers, enables us to amplify and promote our partnerships and Fellows. We publish an annual report summarizing all of our Impact Projects' outcomes and acknowledging the key role played by each of our Fellows. This powerful co-branding opportunity showcases your organization with other industry leaders in sustainable development.

Project Management Support

Throughout our partnership, the E4C model provides proven, replicable support. Our team fully manages the logistics of recruitment, contracts, non-disclosure agreements, training, and a performance-based stipend. We also support the management of the Fellow based on more than 10+ years of experience. We tap into our broad network of 1000+ accomplished experts across the engineering and social impact sector for added support.

What Should Partners Expect?

Project Partner Engagement



Each Partner Organization is Expected to:

Before the program

- Participate in an Impact Projects info session
- Engage in the project scoping process with E4C, including project definition, key skills and support required, and final deliverables. Share logo for use in promotion and recruitment.
- Review top candidate profiles and confirm Fellow to engage.

During the program

- Have the Point of Contact meet with the Fellow as defined at the beginning of the project and a minimum of biweekly thereafter.
- Share any relevant photos to support E4C promotion of the project.
- Have your wider team attend two Progress Update meetings for the Fellow to report out on progress relative to the scope of work.
- Complete two E4C surveys to understand the outcomes and performance of your Fellow during the program.
- Review and approve a summary report of your project for E4C's Annual Impact Project Report and our research page.

After the completion of the program

- Approve reports for co-publication and promoting project success.
- Complete a post-Fellowship survey.

What Makes a Great Partner?

- Has a clear vision of project outcomes.
- Aiming to advance environmental and/or social sustainability.
- Looking to fill unmet technical capacity needs for 4.5 months, with potential for long-term hires.
- Eager to support development of early career professionals.
- Interested in networking with Fellows and organizations internationally.
- Seeking collaborative storytelling/marketing opportunities.

How Much Does it Cost?

Impact Projects cost $18,000, with cost-share pricing available for organizations entirely founded, headquartered and operating in Lower, Lower-Middle, or Upper-Middle Income Countries (based on World Bank classification).

SUBMIT YOUR PROJECT IDEA

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