engineering FOR CHANGE
Fellowship

Engineering for Change

Fellowship Program

2026 Overview

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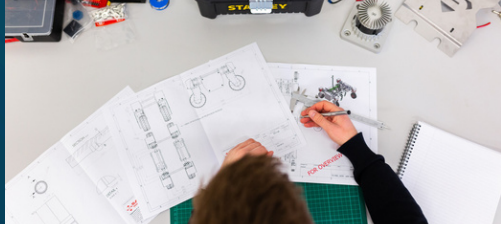
THE E4C **FELLOWSHIP PROGRAM**



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.

The E4C Fellowship Program is a unique workforce development program at the intersection of engineering and sustainable development, serving to empower early-career engineers and technical professionals worldwide to solve local and global challenges. Since 2015, we have provided Fellows the opportunity to address these challenges through our growing and evolving Fellowship Program.

The Fellowship consists of three core elements: 1) Learning Program, 2) Impact Projects, and 3) Networking. Fellows engage remotely, part-time for 5 months from May to September, building and strengthening their professional and technical skills, network and experience.

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FELLOWSHIP **LEARNING PROGRAM**

The E4C Learning Program is designed to give Fellows the knowledge and skills necessary to become leaders in Engineering for Sustainable Development. The program includes weekly Learning Modules (see 2025 schedule below), technology assessment training, and optional workshops.

Learning Modules in 2025

◉ 01 Foundations

Establishing Core Knowledge and Ethical Principles

Engineering for Impact: Purpose and Stewardship
Defining purpose and values to engineer with ethics and stewardship.

Tech Assessment Frameworks
Exploring the power of the intersection of technology, design, and policy.

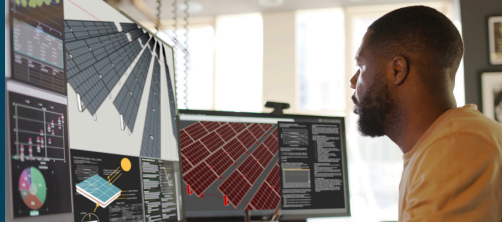
History of ESD
Historical roots of engineering in sustainable development.

LM4 | From Global Goals to Local Action: SDGs
Bridge the SDGs to local change through engineering-driven solutions.

LM5 | Ethics in Engineering
Delve into ethical frameworks, real-world dilemmas, and the responsibilities of engineers.

LM6 | Frameworks for Impact: Principles, Standards & Reporting
Use principles, standards, and reporting to engineer sustainably.

FELLOWSHIP **LEARNING PROGRAM**



02 Innovation & Solutions

Improving Practical Skills and Applications

LM7 | Learning from Failure: PCD in Action

Learn from design failures to improve people-centered, inclusive solutions.

LM8 | Inclusive Design in Engineering

Engineer for all through inclusive, equity-driven design.

LM9 | Systems Change

Use systems thinking to understand complexity and drive sustainable, high-impact solutions.

LM10 | Storytelling for Change

Harness storytelling to inspire action, communicate ideas, and create social impact.

LM11 | Alumni Panel

Gain real-world insight and career inspiration from ESD-focused engineering alumni.

03 Knowledge & Leadership

Contextualizing Knowledge for Global Change

LM 12 | Science-Policy-Society

Bridge science, policy, and society to empower evidence-based, sustainable decision-making.

LM 13 | Social Innovation

Innovate for social good by creating sustainable ventures that tackle systemic challenges.

LM 14 | Climate Action

Engineer solutions for climate mitigation and adaptation using systems-based approaches.

LM 15 | Career Pathways in ESD

Explore impactful careers that connect engineering expertise with sustainability and social change.

LM 16 | Fellows Presentations

Showcase your impact journey through project outcomes, lessons learned, and community insights.

LM 17 | Fellows Presentations

Showcase your impact journey through project outcomes, lessons learned, and community insights.

ADDITIONAL OPTIONAL OPPORTUNITIES

Network Development

E4C connects Fellows with relevant events such as the ISHOW, ASME E-Fest and domain experts through our **Meet the Leader** sessions. As a Fellow, you will also have the opportunity to contribute writing an article for E4C's Media Page by collaborating with our Managing Editor all the way through.

FELLOWSHIP **IMPACT PROJECTS**

Fellows will contribute to research or design with organizations worldwide to advance their sustainability objectives based on the project scope. Fellows check-in with their Impact Project partner bi-weekly at a minimum. To date we have completed 210 projects with organizations from academia, non-profits, private sector, and government agencies. **View past projects Fellows have supported on our All Impact Projects page!**

Types of Impact Projects

DESIGN FOR GOOD

We identify exceptional talent to assist organizations with ***product design***, development, or implementation.

Types of projects may include early-stage needs assessments, market research, concept generation, user testing, verification and validation, and 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 different mangrove species.

IMPACT RESEARCH

We match skilled researchers to investigate critical ***sustainability questions*** combining engineering and global development insights.

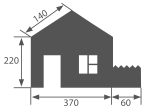
Types of projects may include landscape analyses, interview-based studies, and large dataset analysis.

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

ADVANCING WORKFLOWS

We secure technical talent to improve ***organizations' workflows*** so that organizations can achieve impact goals more efficiently.

Types of projects may 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.

FELLOWSHIP **NETWORKING**

During the Fellowship, Fellows have the opportunity to ***network*** with other passionate Fellows from around the globe as well as fellowship alumni, thought-leaders, and experts through the E4C community.

1:1 Touch base with Managing Fellow (MF)
Fellows meet bi-weekly with Managing Fellows for 1:1 sessions. The MFs are past Fellows who are there to help manage, train, and mentor Fellows throughout their Fellowship experience including providing project support and guidance.

Small Group Calls
Fellows join weekly 1-hour small group calls with their Managing Fellow and 3-4 other Fellows forming a small community of practice, supporting and equipping one another in addressing challenges and enhancing professional growth and development.

Other Engagements
Fellows have additional opportunities to meet with E4C's Innovation Steering Committee, E4C Fellowship Alumni, Learning Module guest speakers, and more!

TO DATE

300+ FELLOWSHIPS FROM 50+ COUNTRIES

Highly Interdisciplinary

~50% Women

210 Projects

FELLOWSHIP **AT-A-GLANCE**

Fellowship Structure

The Fellowship is a remote, part-time engagement (20-25 hours/week) that runs from May to September each year.

Below is an example of what a typical week as a Fellow may look like while engaging in the core program elements: Learning Program, Impact Projects, and Networking. This structure allows for a flexible work schedule outside of mandatory calls.

	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
Learning Program		Workshop (~1-1.5 hr) Optional	Learning Module (~1-1.5 hr)	Meet the Leader (~1-1.5 hr)		
Impact Projects	Impact Project work (~4 hrs)		Partner call (~1-1.5 hr)		Impact Project work (~4 hrs)	Impact Project work (~4 hrs)
Networking		1:1 with Managing Fellow (~1 hr)		Small group call (~1 hr)		

FELLOWSHIP
AT-A-GLANCE

What to Expect

Learning Program

Workshops, Learning Modules, Meet the Leader calls typically occur on Tuesdays, Wednesdays, and Thursdays. Each session runs 1–1.5 hours. Attendance and active participation are required.

Impact Projects

Project work is flexible and can be scheduled independently. Mandatory weekly or bi-weekly calls with partner organizations usually run 1 hour; attendance is required. Additional tasks (research, design, deliverables) can be completed throughout the week or weekend as needed.

Networking

Other calls, including 1:1s with Managing Fellows (MFs) and Small Group Calls (SGCs), may be scheduled on any day. Fellows are expected to attend, participate fully, and come prepared.

General Participation Expectations

Attendance and active participation in all scheduled calls is expected. Fellows should join on time with cameras on, unless facing legitimate connectivity issues. Recurring connectivity challenges should be addressed with alternative arrangements.

No E4C Meeting Week

Once during the Fellowship, designated “No E4C-led Meeting Weeks” give Fellows uninterrupted time to focus on their projects. During these weeks, all scheduled sessions—including Workshops, Learning Modules, Meet the Leader sessions, SGCs, and MF 1:1s—are paused. Partner calls continue as usual, and updates or check-ins will be shared via Slack IM and Softr.

Earn **digital badges**, **accredited by ASME** that are publicly shareable credentials awarded based on participation in learning modules and workshops, completion of an impact project, and other Fellowship-related work.

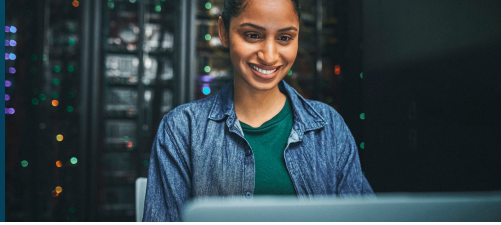
FELLOWSHIP **AT-A-GLANCE**

Program Benefits

E4C Fellows enjoy numerous benefits through the Fellowship Program including but not limited to:

- Gain practical insights and experiences to become a changemaker and leader.
- Connect to a global network of experts and like-minded technical professionals.
- Earn a digital badge certifying Fellowship achievement/completion.
- Advance sector knowledge through weekly synchronous learning modules (30+ hours of professional developement).
- Gain real world experience working on a project aligned with the UN Sustainable Development Goals (SDGs).
- Receive a stipend adjusted based on experience, qualification and cost-of-living.

APPLICATION **TIMELINE**



Applications Open	**Applicants** Downselected	**Interviews**	**Selection**	**Onboarding**
December 11 - January 26	January 27 - Mid-March	Mid-March - Mid-April	By Mid-April	End of April

To apply, please complete our application form. You will need the following:

- To be/become an E4C member (it's free!)
- Resume/CV (in English)
- Email addresses for 2 references
- To have visited the 2026 E4C Fellowship Application webpage, reviewed available Impact Projects and selected three projects you would like to express a preference for working on

You will be notified by email if you are selected to move to the next stage

Apply Today!

Learn more
www.engineeringforchange.org/fellowship

Contact
fellows@engineeringforchange.org