The Challenge

- Tech Stewardship is an online training course and professional practice program developed by the Engineering Change Lab (ECL).

- It exists to support those working and studying in tech to develop the framework, tools, and community they need to explore the complexity and consequences of their choices in a fast-moving technology ecosystem.

Tech Stewardship, Explained

what is tech stewardship?

A professional identity, orientation and practice. As tech stewards, we continuously discuss, refine and imagine new ways to shape technology for the benefit of all.

purposeful
Tech is not neutral. We imagine, design, and implement technology intentionally for positive impact.

responsible
The pace of tech disruption is accelerating. We anticipate, monitor and manage the complex impacts of tech.

inclusive
Who's driving tech? We expand who and what is considered and involved in decision making.

regenerative
Tech is often extractive. We proceed in a manner that cares for the environment, economy, communities & individuals

Tech Stewardship Core Commitments

Advance Understanding
We continuously deepen our understanding of our relationship with technology, challenge dangerously limited narratives and stereotypes.

Deliberate Values
We seek to understand how our values are shaping and being shaped by the technologies we build and scale.

Practice Behaviours
We support each other to practice the daily behaviours that enable progress in all its forms – from incremental steps all the way to breakthroughs!

Successes We're Celebrating

- A free pilot version of the program launched in June 2023 saw 400+ sign-ups and garnered overwhelmingly positive reviews from those who completed the course.

Pilot Reviews

"Incredible content. Interdisciplinary and brings social innovation into tech space." **- Dayna**

"When I learn something fundamentally valuable and different from my current approach to work and life I am impressed and empowered. I feel this was both impressive and empowering." **- Brian**

"I had a lot of fun working through the course, and I really enjoyed the practice sessions. The moderators were really great and I also really liked all of the links to additional reading that were provided." **- Erin**

- Several participants engaged through the EFL's network from traditional energy companies, clean tech accelerators, and post-secondary partners have expressed interest in continuing to offer the program to employees, clients and students.

- By supporting change makers working in energy-related fields with a framework for applying a stewardship lens to their work, the language and tools needed to navigate tensions, as well as establishing supportive relationships with like-minded practitioners, this program will help improve the individual decisions that cumulatively have wide-ranging implications, and align them with a more holistic vision of a successful energy future.

The Initiative

- Recognizing that a sector-specific version of the program might spark deeper conversations and surface transferrable learnings between participants, the ECL partnered with the Energy Futures Lab to integrate the concepts core of our well-respected practice of sustainability-driven social innovation towards energy systems change in a new, energy-focused version of the course.

- New course content created included approximately 4 hours of additional material developed by a Fellow Steering Group, and delivered by the EFL's Managing Director, Alison Cretney.

- Members of the Steering Group as well as other voices from the network also contributed example videos, articulating what they believe are critical ideas and perspectives needed to address the most pressing challenges of the energy transition.

- The initiative also sought to expand the program's reach through EFL-connected companies, educational partners, and other members of the Lab network.

2 Course Streams:

For existing Tech Stewards
6 hrs total
4 modules
Practice Simulation Challenge (Live Online Event)

For newbies
16 hrs total
18 modules
2 online drop-in discussions (½ hr)
Practice Simulation Challenge (Live Online Event)

LEARN MORE ABOUT IT
Read the 1-page explainer on Tech Stewardship for the Energy Transition
SCAN ME

Participating Fellows

Victor del Valle
Independent

Erin Moffat
Ovintiv

Gary Millard
Suncor

Maggie Hanna
Common Ground Energy

Shahed Shafazand
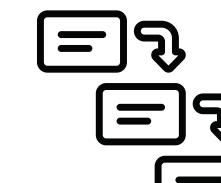Shift-Catalysts

2023 Highlights

New course materials developed

Strong reviews for pilot course

New partnerships established with post-secondary and NFP partners

First attempt at codifying an "EFL Way"

SCAN HERE!

Register your organization for the course starting in Jan 2024, FREE