

E4C Solutions Library Guide

E4C is committed to advancing open science in technology solutions for resource-constrained settings, thereby enhancing the quality of life for people and the planet. The Solutions Library connects innovators and implementers with technical assessments of impactful solutions, fostering a deeper understanding of the technology-based solutions landscape.

How is the SL Structured?



Agriculture



Energy



Habitat



Health



ICT



Sanitation



Transport



Water

The Solutions Library is segmented into eight sectors. Within these, you'll find sub-sectors and technology categories, making it easy to identify the solution for a given problem. You are able to explore and discover the ideal answers to the sustainable development challenges you're aiming to solve.

**Within the library,
you'll discover a
wide range of
technology-based
solutions**

- These solutions encompass various stages of market maturity, from emerging to mature.
- They are categorized into different product classes to cater to various user needs, including individual household, community-based, and service-based solutions.
- Additionally, these solutions are governed by diverse technology protection frameworks, ranging from open-source to IP protected, all with a focus on market-oriented solutions.

What is a Product Report?

Each entry in the Solutions Library, referred to as a 'Product Report,' consists of four sections: 'Snapshot,' 'Manufacturing & Delivery,' 'Performance & Use,' and 'Research & Standards.' The information taxonomy, which is standardized across all products, presents an engineering point-of-view guided by expert advisors on technical performance, market and compliance, evaluation methods, and standards.

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Key Features

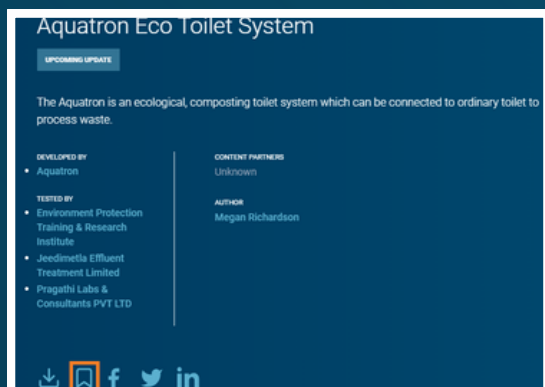
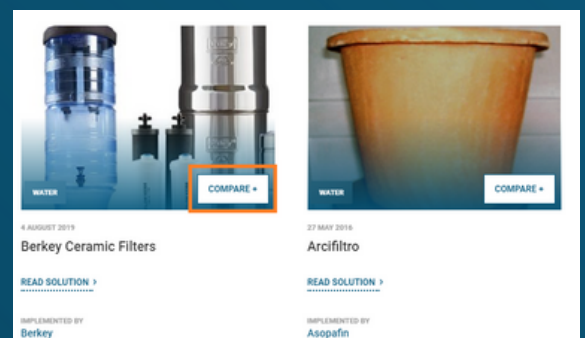


🔍 Browsing

Explore products globally through search or user-friendly filters, customizing results by sector, sub-sector, technology category, geographic regions, market price, and Sustainable Development Goals (SDGs). For a solution matching your specific problem, explore tailored technology categories or choose your preferred SDG.

🔍 Comparison

Compare products in the same technology category with user-friendly tools, conducting side-by-side analyses using normalized data on standardized parameters, clarifying manufacturer claims against third-party testing or labs results.



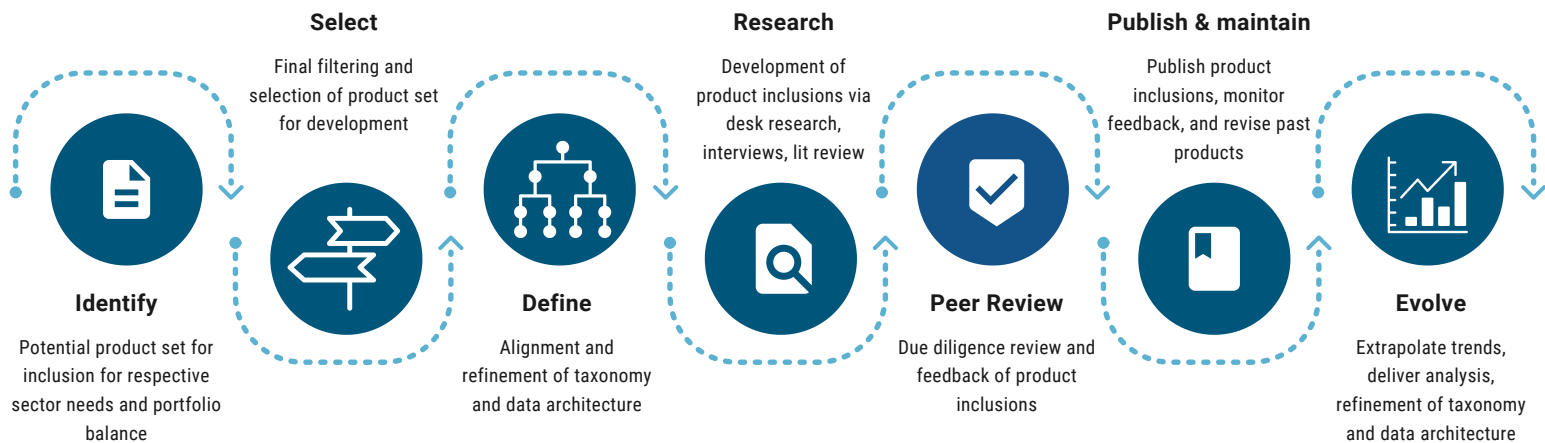
🔍 Bookmark

Bookmark solutions that pique your interest with ease. Users have the ability to save specific solutions to their personal feeds, making it convenient to revisit and access their preferred content. These saved bookmarks will be visible in your user profile, ensuring you can easily track and manage the solutions that matter most to you.

How is the Information Created?

E4C employs a robust information development process to manage the following:

- Product selection
- Peer review
- Platform maintenance
- Research
- Publication



The Solutions Library, powered by the E4C Fellowship and Innovation Steering Committee, engages a community of stakeholders in designing and developing the platform as a decision support tool. We collaborate with credible organizations to source data from diverse channels, including partner submissions, expert networks, and crowdsourced information. Solutions meeting our criteria are approved by E4C's Solutions Authors with relevant technical expertise.

Visit it us engineeringforchange.org/solutions-library