



CLIENT PROJECT

Triple Bottom Line Calculator for Five-Year Impact Plans

A UK organization that helps businesses measure sustainable impact

IN SHORT

A web MVP where businesses model five years of financial, environmental and social impact, map it to the UN SDGs and download PDF reports.

5

year impact model, plus a Summary

3

impact lenses: financial, environmental, social

6

week MVP plan in four milestones

THE CHALLENGE

A UK organization that helps businesses measure sustainable impact needed a web tool where each user models the financial, environmental and social results of a plan over five years. People had to sign in with their existing website accounts and keep their data private.

AT A GLANCE

INDUSTRY

Software products and SaaS

Read the full project: <https://itechnosol.com/our-work/triple-bottom-line-impact-calculator/>

WHAT WE BUILT

Working from the organization's wireframes, we designed the calculation logic and built a React front end on Node.js REST APIs with MongoDB, server-side PDF generation and hosting on the organization's own AWS account. The plan ran in four milestones over six weeks.

THE RESULT

We delivered the calculator as a six-week MVP. Each user gets a private five-year model with live financial, environmental and social totals, SDG mapping, a combined dashboard and downloadable PDF reports.

SERVICES

Custom software development
Web application development
SaaS and MVP development

PLATFORMS

Web

TIMELINE

Six-week MVP, four milestones

BUILT WITH

React, Node.js, Express.js,
MongoDB, Server-side PDF
generation, AWS, GitHub Actions, Git

KEY FEATURES

- **Five-year model**
Year 1 to Year 5 plus a Summary, each year with its own investment and data, and a reset-all.
- **SDG mapping**
Users pick UN Sustainable Development Goals for each year, which switch on the impact modules.
- **Social impact**
Positive and negative outcomes for people give a net social impact with monetized values.
- **PDF reports**
On-demand reports for each year and a five-year summary, visible only to the user who made them.
- **Financial plans**
Several plans per year, with revenue, costs and net profit or loss worked out automatically.
- **Environmental impact**
Positive and negative outcomes give a net environmental impact with monetized values.
- **Live dashboard**
Combined TBL value, status, Net Present Value of impact and Return on Sustainable Outcome, updated as users type.
- **Existing-account sign-in**
Users sign in with their accounts from the organization's website, and each sees only their own data.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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