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# ESG and Sustainability Apps for Manufacturing



SUSTAIRA

# Solutions by Sustaira.



## All-In-One Sustainability App Platform

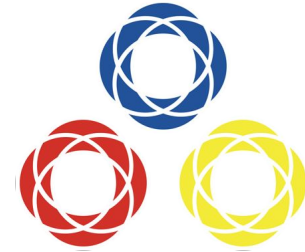
An all-in-one Sustainability App Platform. From goal setting, to raising awareness, to taking action, all the way to results and reporting. Sustaira offers online functionality for each step of the sustainability journey.



## Sustainability App Templates

Fully customizable App Templates:

- Sustainability Goals & KPI
- Carbon Footprint Calculators
- Carbon/Sustainability accounting
- Carbon Offsetting
- Supplier Management
- Employee (travel) emissions
- Gamification App
- Diversification tracker (DEI)
- And more...



## Custom Sustainability Apps

Most Sustainability projects are unique and require extensive specialization. For those, our expert development team takes an idea, and bring it to life. Using an agile (platform) approach and a library of reusable components we deliver your custom Sustainability app(s).

# Manufacturing Sustainability and ESG Facts

## 71.9% Have a Sustainability Policy

71.9% of all North American manufacturers have a sustainability policy in place, and 8.3% are developing one, according to a recent National Association of Manufacturing (NAM) survey.

## 22% of GHG emissions were Industrial

The Environmental Protection Agency (EPA) reported that in 2018, 22% of U.S. greenhouse gas emissions were industrial.

## One-Third of total annual energy consumed

It is estimated by the federal US government that manufacturing operations use about one-third of the total amount of energy consumed annually in the country.

# Sustainability and ESG challenges within Manufacturing

## Impacts of COVID-19

According to a Deloitte survey, Seventy-five percent of US manufacturing leaders surveyed are most concerned about the ongoing impact of COVID-19 and economic slowdown on operations, and 72% are concerned with meeting profitability goals.

## Economic and Financial Misperception

Businesses tend to prioritize economic growth and profit rather than people's rights and environmental welfare. Part of the problem is that sustainability is perceived as expensive. The World Economic Forum reports that profitability and sustainability can co-exist, and Forbes identified a number of companies that have succeeded by prioritizing sustainability over economy and finances.

## Siloed and Disparate Data

Often, data is spread across multiple systems or even users. not to mention, different data sources even just for different pieces of machinery or by location. This data is often even excel or email based. This means that there is no easy and efficient way to aggregate and manage that data nor make it actionable or insightful.

## Waste

Within manufacturing, often there isn't enough insight in traditional analysis tools, and due to this poor visibility into manufacturing process and suppliers, there is unnecessary waste and a larger footprint or impact.

## Supply Chain and Scope 3 Complexity

Scope 3 across all industries is seen as challenging to navigate. As we explore manufacturing it can become even more complicated due to the innate amount of waste and water used, but also due to the fact that there are often many stakeholders involved in these processes. Visibility and understanding of supply chain is now a requirement, not a nice to have.



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## Sustaira can help

In manufacturing, sustainability is already a major focus whether it is per location, per product, or around employee engagement and diversity. It's challenging to aggregate data and find a clear starting point. Sustaira has built an entire platform, and stand-alone applications you can adopt today to solve some of these issues, no matter where you are in your sustainability journey.

-Launchpad-

## Digital Reporting

Carbon Accounting scope 1, 2 and 3 App  
Upstream and downstream reports  
Sustainability and ESG Reports (e.g. GRI)  
Dashboards

## Results & Rewards

Sustainability Engagement  
Gamification and Rewarding



SUSTAIRA

## Goals

Goals & KPI Tracking App  
UN SDGs and other frameworks

## Data Aggregation & Awareness

Carbon footprint, waste and emissions calculators  
Diversification, Equity, Inclusion insights  
Sustainability data aggregation & surveys  
Asset tracking & alarms  
Sustainability Supplier Management

## Actions

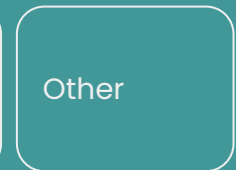
Carbon offsetting (employees, corporate, suppliers)  
Diversification, Equity, Inclusion actions  
Employee travel emissions



### Internal Data sources



### External Data sources





A close-up, shallow depth-of-field photograph of a 3D printer. The printer's extruder head, which is black with a circular fan, is positioned above a black print bed. On the bed, several small, blue, cylindrical printed parts are visible. The background is blurred, showing other industrial equipment and a bright, possibly windowed area. The overall scene is industrial and modern.

# Sustainability & ESG Apps in Manufacturing

# ESG Data Aggregation & Surveys

## Problem statement:

- Sustainability/ESG data is siloed and disparate
- Errors due to manual Excel
- Many people involved
- Inefficient static reporting
- Difficult to demonstrate impact
- Limited annual report

## Solution value:

- Centralized data hub
- Fast and easy online
- Adjust to changing requirements
- Centrally manage multiple users and accounts
- Easy integration via web services and API integrations

The image shows a computer monitor displaying the SUSTAIRA Intake Survey interface. The interface is divided into two main sections: '1 General Information' and '2 Current Situation'. Section 1 includes a scale for rating organizational sustainability maturity (0-10), a dropdown for the current stage of the sustainability journey (currently set to 'Awareness'), and a section for rating progress on various items. Section 2 includes a text box for reasons for the current rating, a dropdown for whether the company provides annual sustainability reports (currently set to 'not currently'), and a date picker for a net zero pledge goal (set to 12/31/2022). A 'Submit Survey' button is at the bottom, and a 'Feedback' link is in the bottom right corner.

**SUSTAIRA**

**Intake Survey**

**1 General Information**

1. On a scale from 0-10 where 10 is the highest, how would you rate your organization's Sustainability and ESG maturity?

0 1 2 3 4 5 6 7 8 9 10

3. Where would you say you currently fall in your sustainability/ESG journey?

Awareness

From 1 - 5 (5 the highest), how would you rate your progress on the following items?

5. If you have made a net zero pledge, what date have you set as a goal?

12/31/2022

**2 Current Situation**

2. Why would you state that?

We are doing quite a bit in Sustainability but could do more.

4. Does your company provide annual Sustainability, CSR and/or ESG reports? If so, provide a link:

not currently

**Submit Survey**

**Feedback**



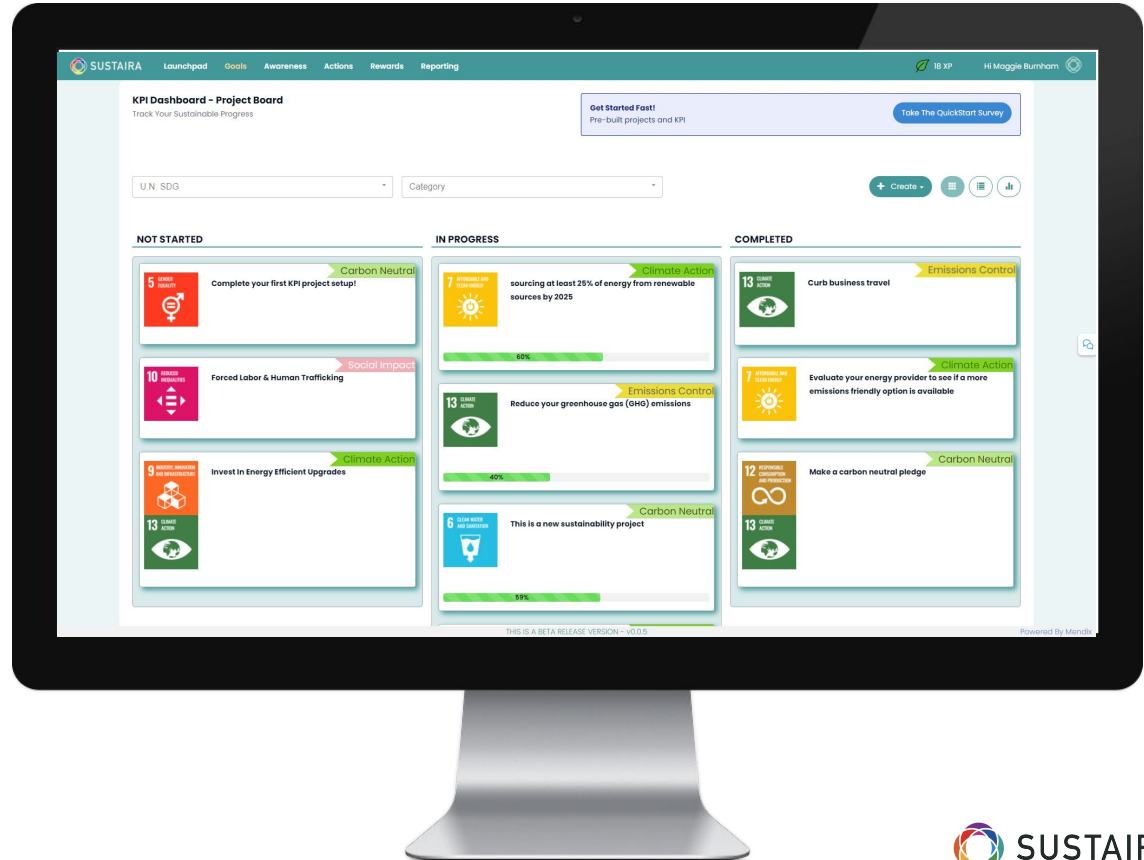
# Sustainability App Template: Sustainability Goals & KPI Tracker

## Problem statement:

- No efficient way to track progress based on set goals
- Lack of transparency and engagement
- Difficult to demonstrate and share impact

## Solution value:

- Online 24/7 goal tracking
- Transparency
- SDG and custom frameworks
- Easy to share results internally and externally



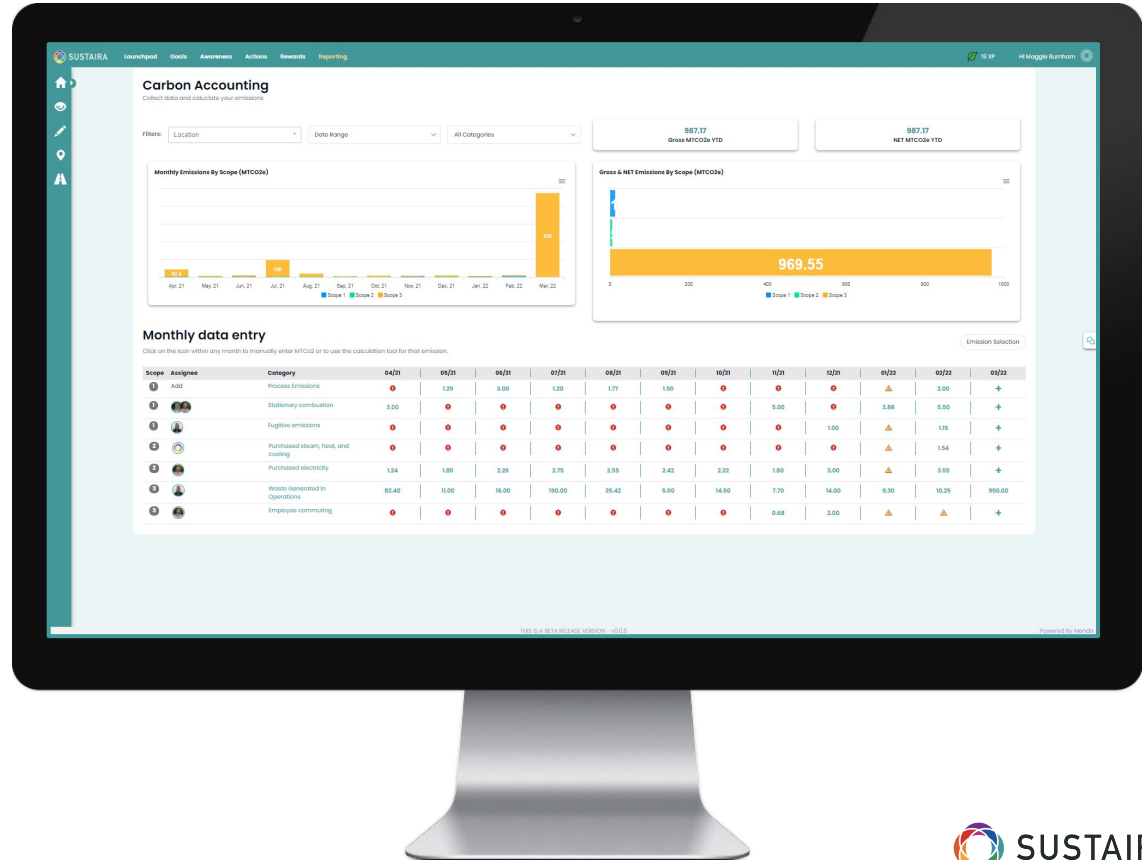
# Sustainability App Template: Carbon Accounting

## Problem statement:

- Sustainability/ESG data is siloed and disparate
- Inefficient static reporting scope 1, 2 and 3
- Difficult to demonstrate impact
- Limited annual reports

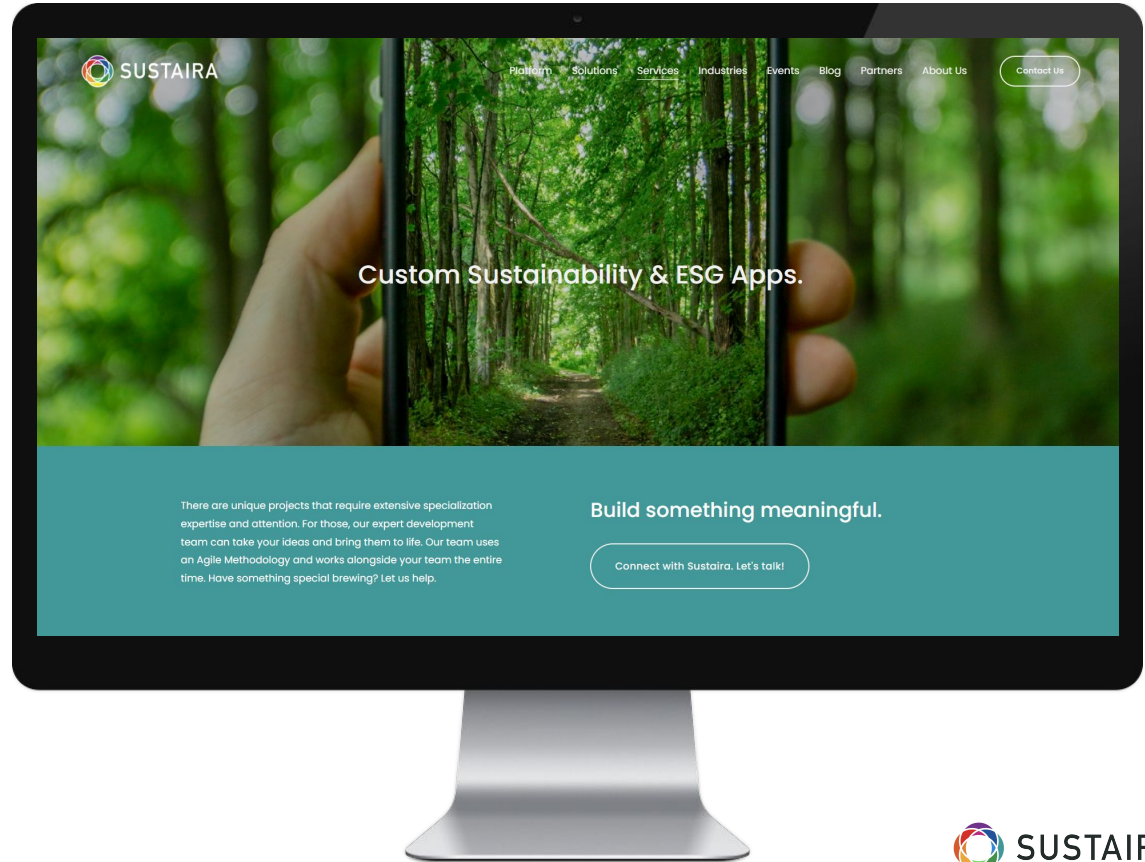
## Solution value:

- Centralized data hub and single source of truth
- Fast and easy online collecting and sharing data
- Rapidly adjust to changing requirements



# Custom Sustainability & ESG Apps

There are unique projects that require extensive specialization expertise and attention. For those, our expert development team can take your ideas and bring them to life. Our team uses an Agile Methodology and works alongside your team the entire time. Have something special brewing? Let us help.





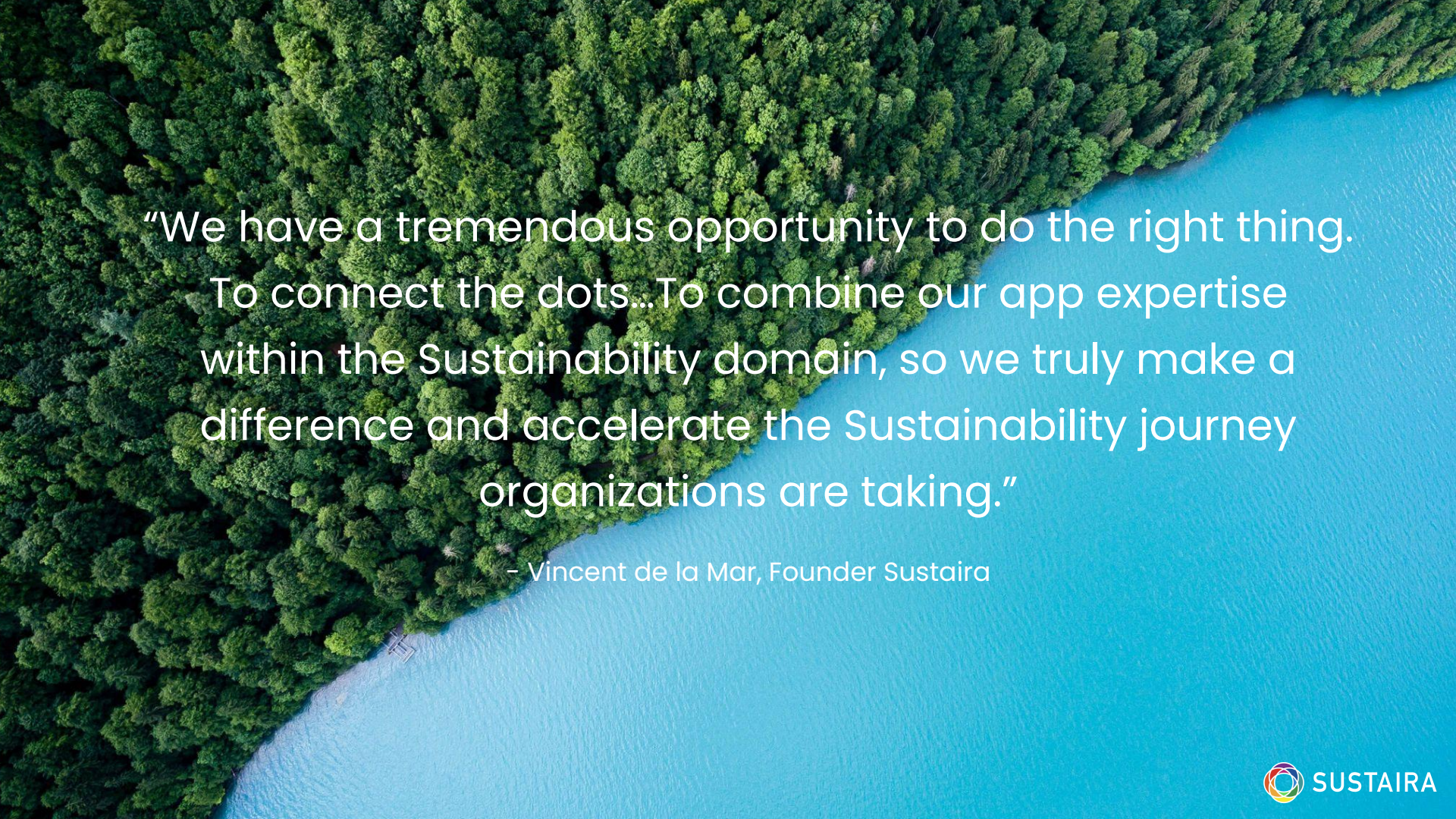
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## About Sustaira.

Sustaira is the Sustainability Software Platform for all your web and mobile Sustainability and ESG solutions. Imagine a world where cutting edge technology and Sustainability domain expertise are combined. Sustaira offers 3 sustainability solution categories: Our all-in-one Sustainability App platform, app templates, and custom web and mobile initiatives. We're going beyond goal setting, data gathering and reporting. Sustaira makes it actionable, accountable, scalable, and rewarding. As a 360-degree software platform, Sustaira is on a mission to accelerate Sustainability and ESG initiatives by enabling and empowering Sustainability Directors to make their organizations more Sustainable. Faster.

**Sustainability starts with Sustaira.**






“We have a tremendous opportunity to do the right thing.  
To connect the dots...To combine our app expertise  
within the Sustainability domain, so we truly make a  
difference and accelerate the Sustainability journey  
organizations are taking.”

– Vincent de la Mar, Founder Sustaira



An aerial photograph of a dense forest. The trees are mostly green, with some showing yellow and orange hues, suggesting autumn. A thick layer of mist or fog is visible on the left side of the image, partially obscuring the forest. The text is overlaid on the right side of the image.

Sustainability starts with Sustaira.  
Will you join the journey?



# Thank you.

To get in touch with a member of our team, send us an email at [info@sustaira.com](mailto:info@sustaira.com) or head over to our website [www.sustaira.com](http://www.sustaira.com)

Be sure to join the Sustaira community and follow us on all social media, @Sustaira

