
ESG and Sustainability Apps for Construction, Engineering, and Real Estate



SUSTAIRA

Solutions by Sustaira.



All-In-One Sustainability App Platform

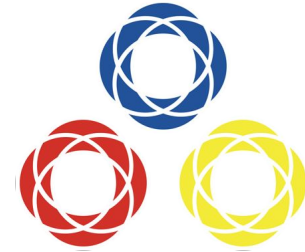
An all-in-one Sustainability App Platform. From goal setting, to raising awareness, to taking action, all the way to results and reporting. Sustaira offers online functionality for each step of the sustainability journey.



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).

Construction, Engineering, and Real Estate Sustainability and ESG Facts

Almost 40% of Global CO2 Emissions

Construction is directly or indirectly responsible for almost 40% of global CO₂ emissions from fuel combustion, and 25% of GHG emissions overall. Making it have one of the largest footprints.

83% of Occupiers 78% of Investors

In a recent survey by Jones Lang LaSalle, 83% of building occupiers and 78% of investors agreed that climate risk poses a clear financial risk within real estate.

16% Supplier Visibility

When it comes to sustainable sourcing, 55% of engineering and construction companies have significant or complete visibility into their own processes, and only 16% have the same visibility into their suppliers' processes.

Sustainability and ESG challenges within the Construction, Engineering and Real Estate industry.

Transparency

In just about every industry, but especially in construction, engineering and real estate, transparency around ESG and Sustainability is essential. With construction, engineering, and real estate having one of the highest footprints, being transparent around action taken to mitigate that footprint is an essential part of operations and has been for a long time, but is much easier said than done. There are various regulations and requirements from site to site, not to mention transparency with contractors, sub contractors or even customers.

Changing Requirements and Policies

Depending on the location of a project you will be faced with many policies and requirements outside of sustainability. In the US we are seeing an uptake of sustainability and climate related policies going into effect. because there are not universalized standards or expectations, navigating these can be an exceptional challenge.

Cost/Lack of Financial Resources

According to digital builder, Construction companies surveyed indicate that key obstacles on the path to sustainability include a lack of financial resources (40%), access to skills and training (35%) and a dearth of customer buy-in (33%). Currently, sustainability is seen as a cost driver, rather than as a cost saver. Customers also want things done as quickly and cost effectively as possible.

Disparate or Siloed Data

Often, data is spread across multiple systems or even users. 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.

Complexity of Scope 3

Scope 3 across all industries is seen as challenging to navigate. As we explore construction, engineering and real estate it gets even more complicated due to the innate amount of waste and water use, but also due to the fact that there are often many stakeholders involved in these processes such as suppliers, sub contractors, tenants, etc.

Slow Adoption of Digitalization

According to study from from McKinsey, A further challenge is how to deploy smart technologies across millions of locations in an industry with the second-lowest level of digitalization and relatively low levels of productivity growth

Sustaira can help

In Construction, Engineering and Real Estate sustainability is already a major focus whether it is per location, per product, per tenant, or even the Diversity Equity and Inclusion of your employees. It can be 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

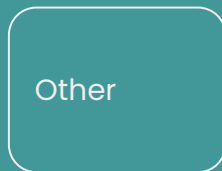
Carbon offsetting (employees, corporate, suppliers)
Diversification, Equity, Inclusion actions
Employee travel emissions



Internal Data sources



External Data sources



A low-angle, upward-looking photograph of a construction site. A large tower crane with a lattice boom extends diagonally from the bottom left towards the top right. In the foreground, the skeletal steel framework of a tall building under construction is visible, showing multiple floors of columns and beams. The background is a soft, hazy sky with warm orange and yellow tones from the setting or rising sun. The overall composition conveys a sense of industrial scale and progress.

Sustainability & ESG Apps in Construction, Engineering, and Real Estate

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 contains three questions: a scale rating for sustainability maturity (0-10), a dropdown for current journey stage (set to 'Awareness'), and a progress rating (1-5). Section 2 contains two text input fields for reasons and report links. A 'Submit Survey' button is at the bottom, and a 'Feedback' link is on the right.

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

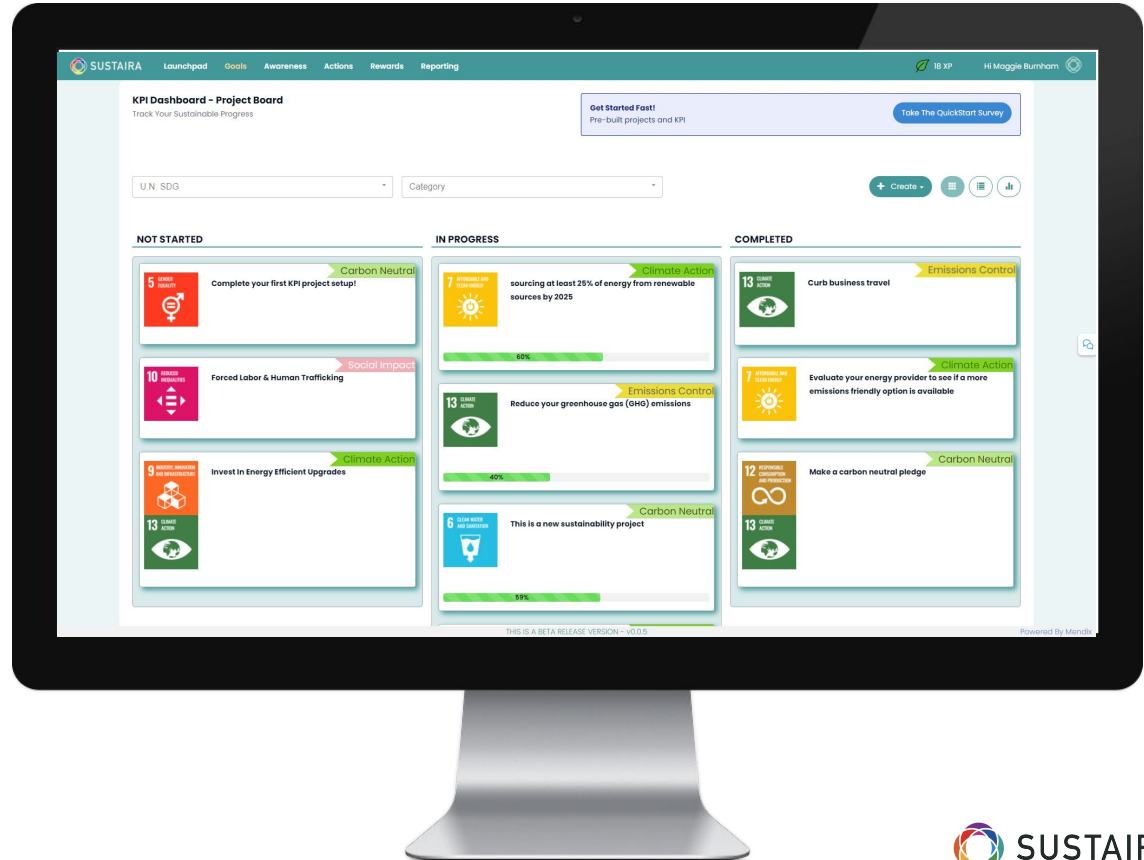
Sustainability App Template: Sustainability Goals & KPI Tracker

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



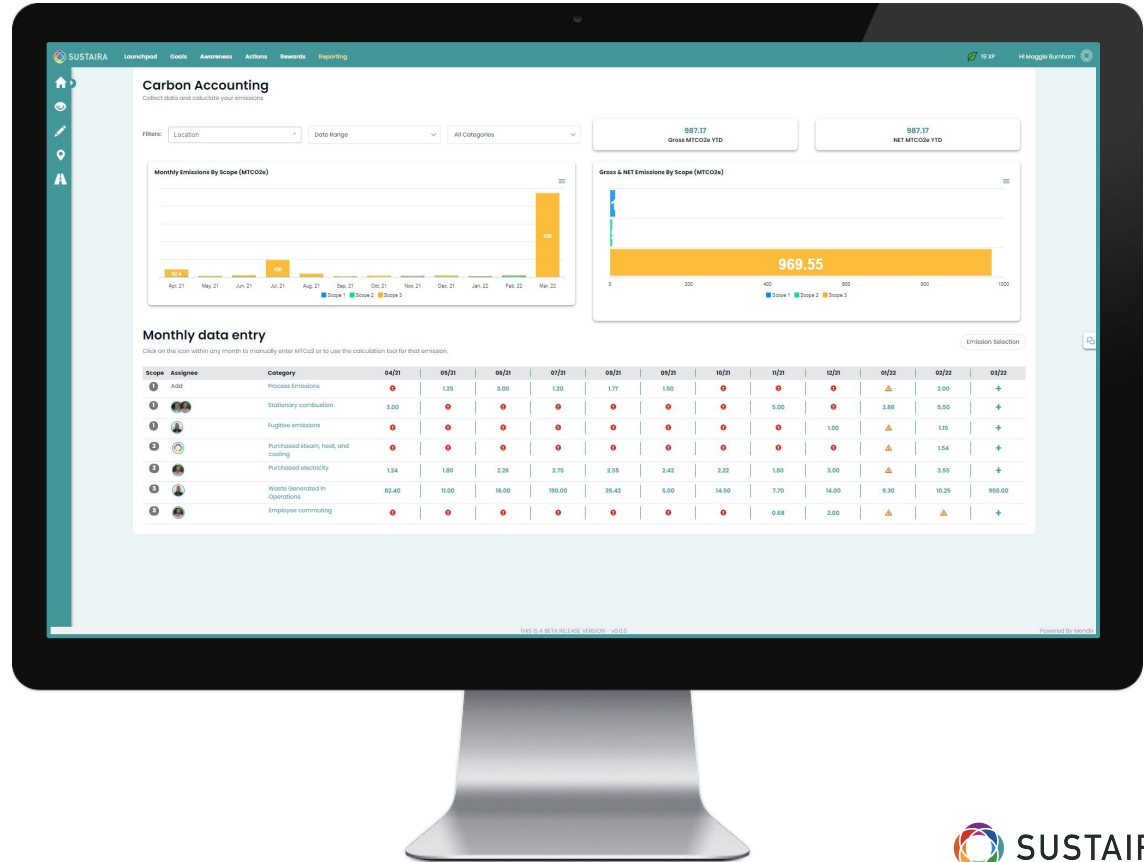
Sustainability App Template: Carbon Accounting

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



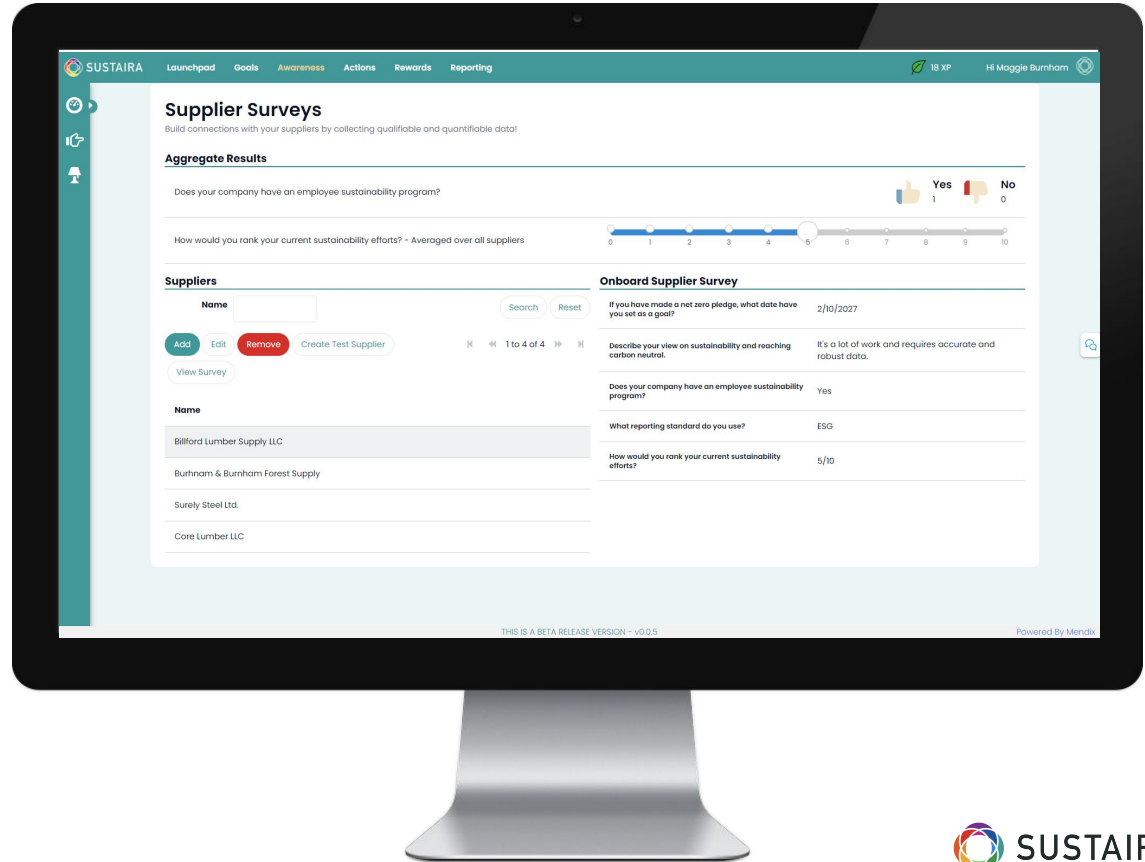
Sustainability App Template: Sustainability Supplier Mgmt.

Problem statement:

- No efficient way to gather data
- Lack of supplier transparency
- Difficult to demonstrate impact
- Lack of accountability and track mutual goals

Solution value:

- Online 24/7 goal tracking
- Suppliers transparency
- Reusable questionnaires and data intake modules
- Easy to share results internally and externally
- Online reporting and actionable insight



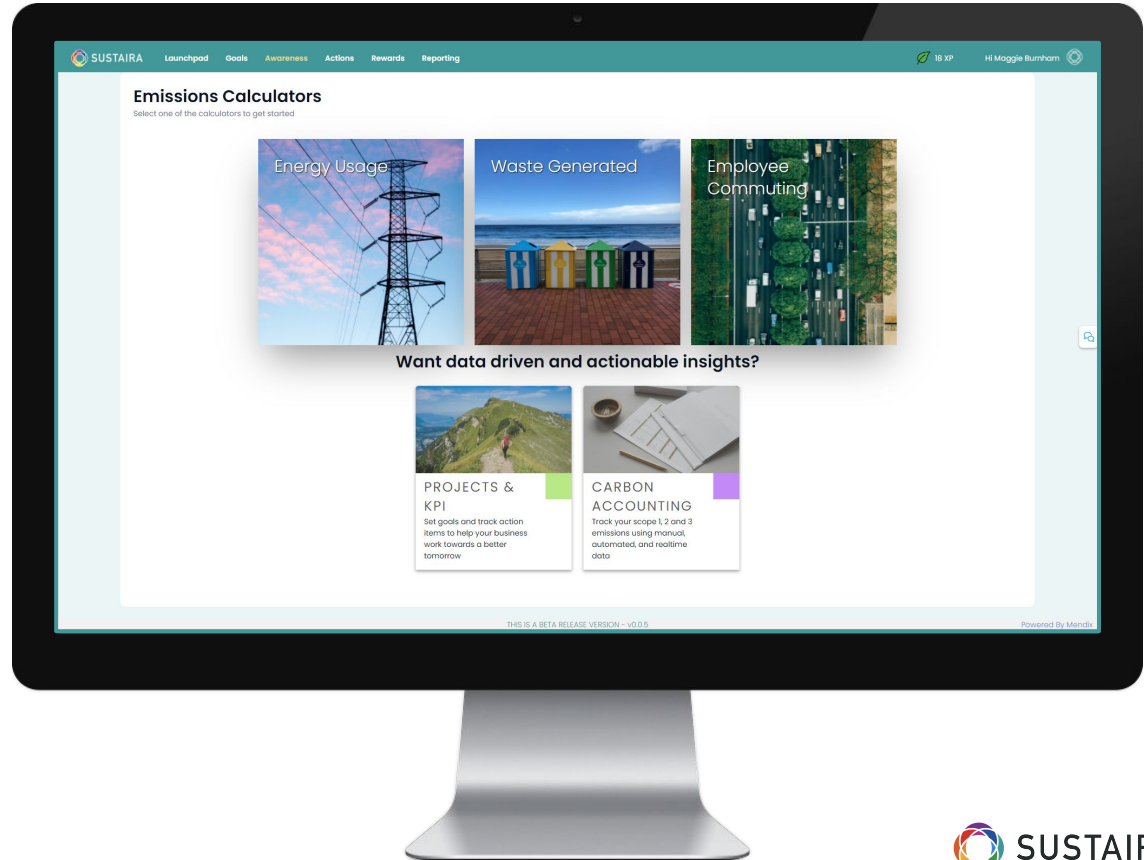
Sustainability App Template: Carbon Footprint Calculator

Problem statement:

- Manual and inefficient data collection
- Errors
- Hard to keep up with changing requirements

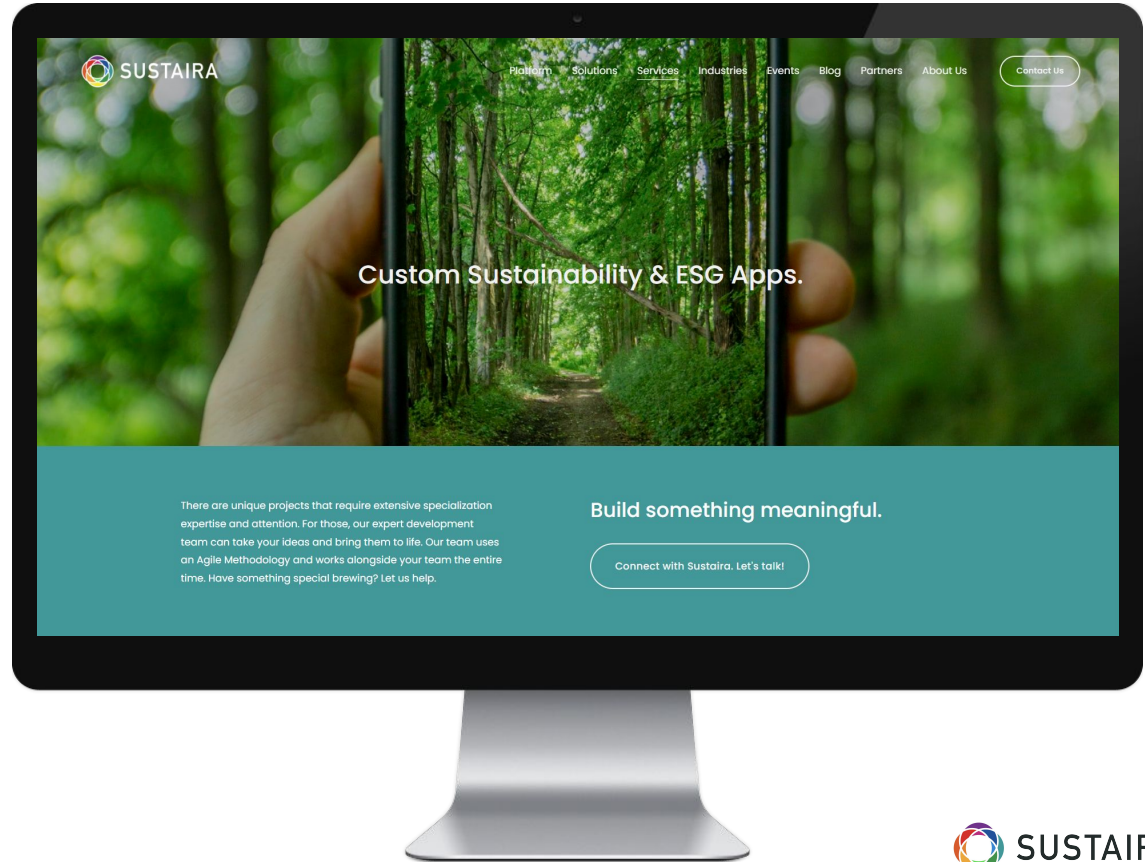
Solution value:

- Efficient online data collection and calculations
- Flexibility to go deep into the data and Scope 3 as desired
- Ability to turn insights into actions by expanding functionality



Custom Sustainability & ESG Apps

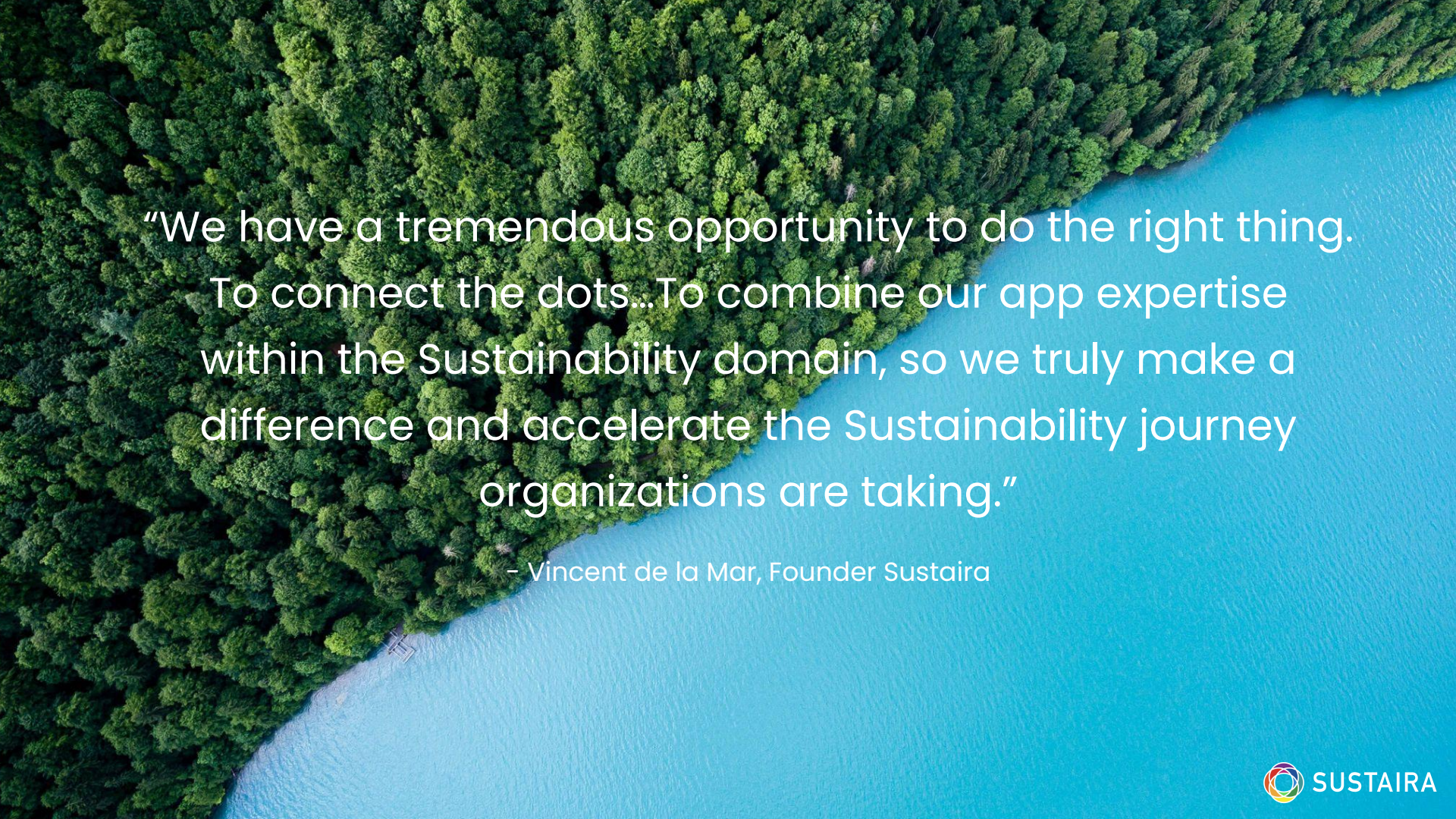
There are unique projects that require extensive specialization expertise and attention. For those, our expert development team can take your ideas and bring them to life. Our team uses an Agile Methodology and works alongside your team the entire time. Have something special brewing? Let us help.



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 left side of the image is filled with a thick, grey mist or smoke that rises from the forest floor. The forest itself is composed of many trees with green and some yellowish-brown foliage, indicating a mix of species and possibly the onset of autumn. The text is overlaid on the misty area.

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 or head over to our website www.sustaira.com

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

