ESG and Sustainability Apps for (Renewable) Energy & Utilities

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Solutions by Sustaira.
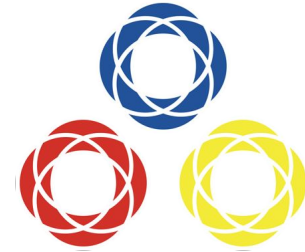
All-In-One Sustainability App Platform

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).

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(Renewable) Energy & Utilities Sustainability and ESG Facts

73% of total GHG Emissions

Energy is the dominant contributor to climate change, accounting for around 60 per cent of total global greenhouse gas emissions.

789 Million without Electricity

789 million people – predominantly in sub-Saharan Africa – are living without access to electricity, and hundreds of millions more only have access to very limited or unreliable electricity.

3 Billion People rely on other sources

3 billion people rely on wood, coal, charcoal or animal waste for cooking and heating

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Sustainability and ESG challenges within the (Renewable) Energy & Utilities Indusrty

Transparency

In just about every industry, but especially in energy and utilities transparency around ESG and Sustainability is essential . With the Energy and Utilities industry accounting for over half of the global total greenhouse gas emissions, 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.

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. Often, existing systems are not flexible or customizable to keep up with changing needs or requirements.

Economic and Supply Chain instability

Overall economic uncertainty and supply chain instability leads to unpredictable markets across many industries. Largely due to the effects of Covid-19 companies across industries are facing shortages and instability. This is coupled with political tensions and dependencies on foreign entities to provide needed materials makes supply chain management significantly more complicated on a global level.

Changing policies and requirements

Policy changes around the world are going into effect around sustainability. This includes policies such as the EU Taxonomy, New York's Fashion Sustainability and Social Accountability Act, California's Climate Corporate Accountability Act (CAA), and more. All of these relate to environmental impacts, scope 3, reporting, and even sourcing. We fully expect to see even more policies in the coming years. Keeping up with these requirements is now mandatory and can be challenging.

Complexity of Scope 3

Scope 3 across all industries is seen as challenging to navigate. As we explore energy and utilities there are challenges around not only upstream scope 3 emissions such as sourcing, raw materials, packaging, and more, but also downstream as well looking at things like product life cycle and post-consumption fate. A common challenge is around batteries and energy storage from renewable energy sources. Diving into scope 3 understanding the true impact is an arduous process.

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Sustaira can help

In Energy and Utilities, sustainability is already a major focus whether it is per location, maintaining various types of energy and utilities sources, shifting from non renewable sources to renewables, or even the construction of renewables such as solar and wind farms, and more. 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

Goals
Goals & KPI Tracking App
UN SDGs and other frameworks

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Results & Rewards
Sustainability Engagement
Gamification and Rewarding

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

ERP	CRM	PLM	HR	Other
SAP	salesforce	SIEMENS	workday	Excel
Microsoft	ORACLE	Ingenuity for life		Database
				Systems

External Data sources

Suppliers	Customers	Other

Sustainability & ESG Apps in (Renewable) Energy & Utilities

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
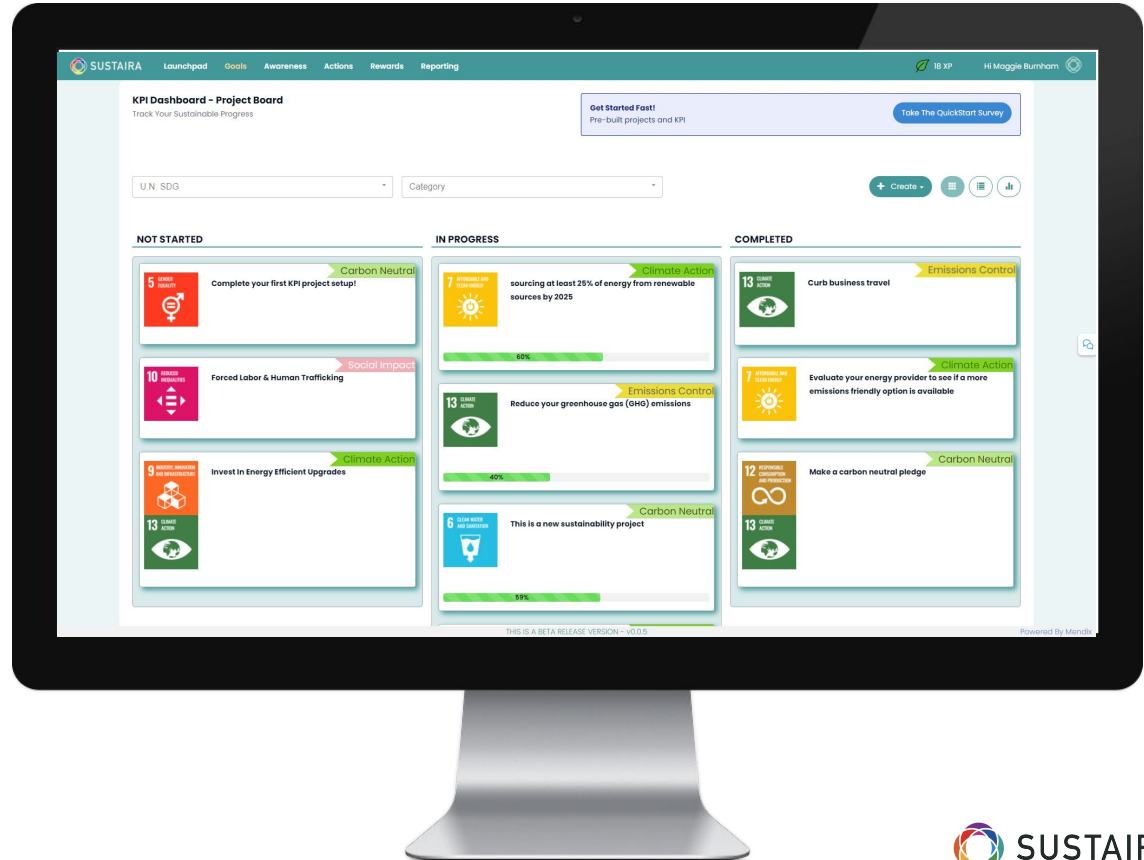- Easy integration via web services and API integrations

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
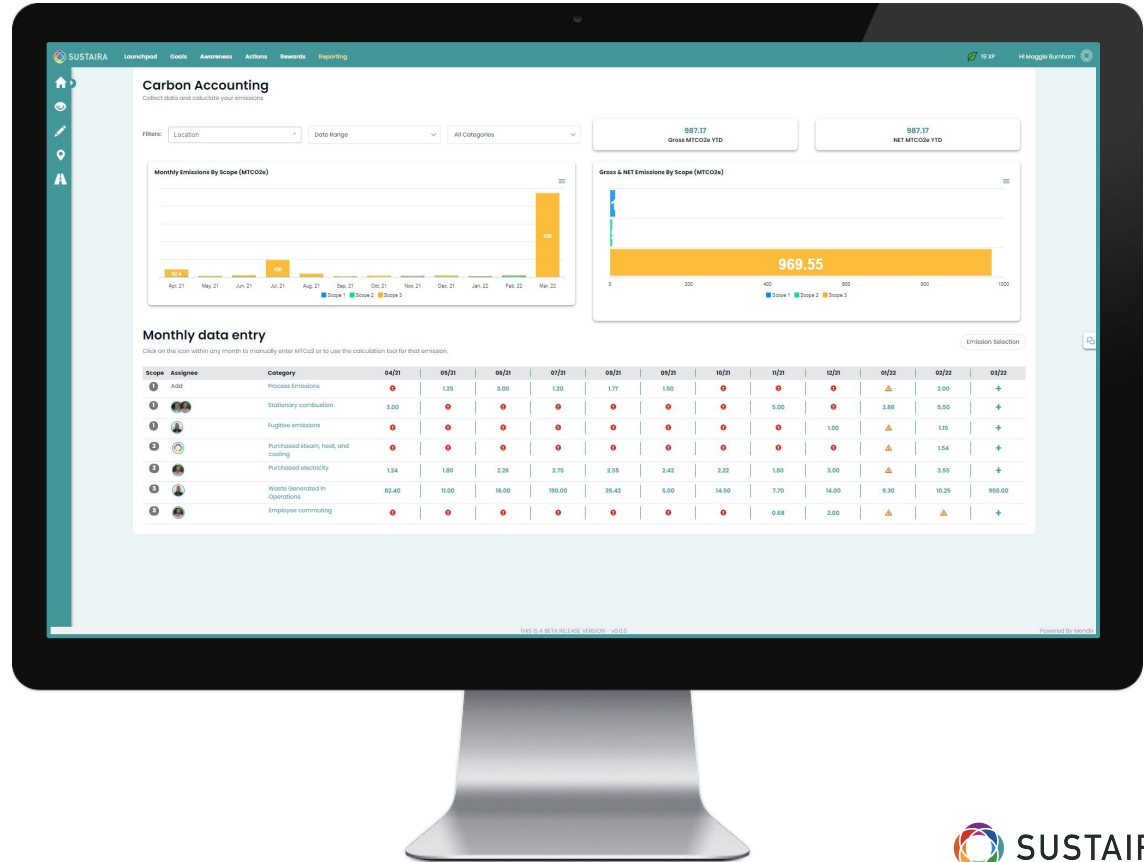

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Sustainability App Template: <u>Carbon Accounting</u>

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
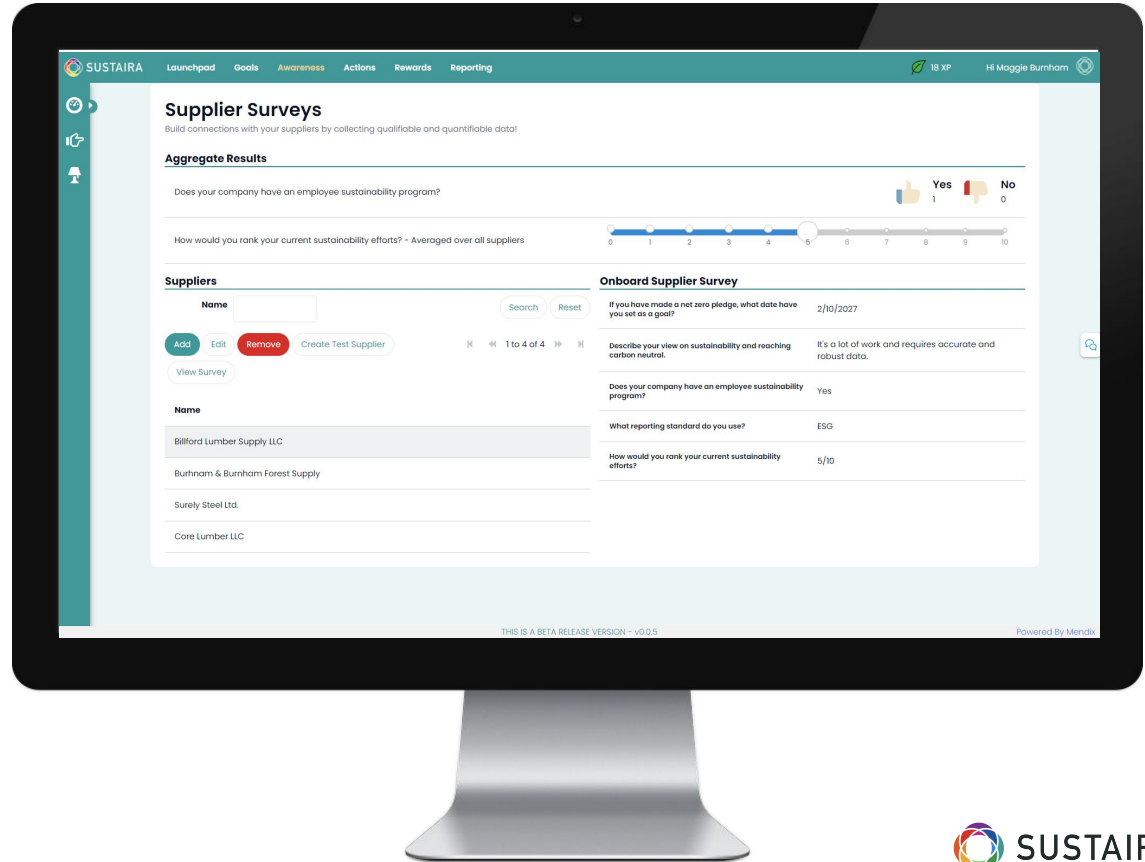- Rapidly adjust to changing requirements

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Sustainability App Template: <u>Sustainability Supplier Mgmt.</u>

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
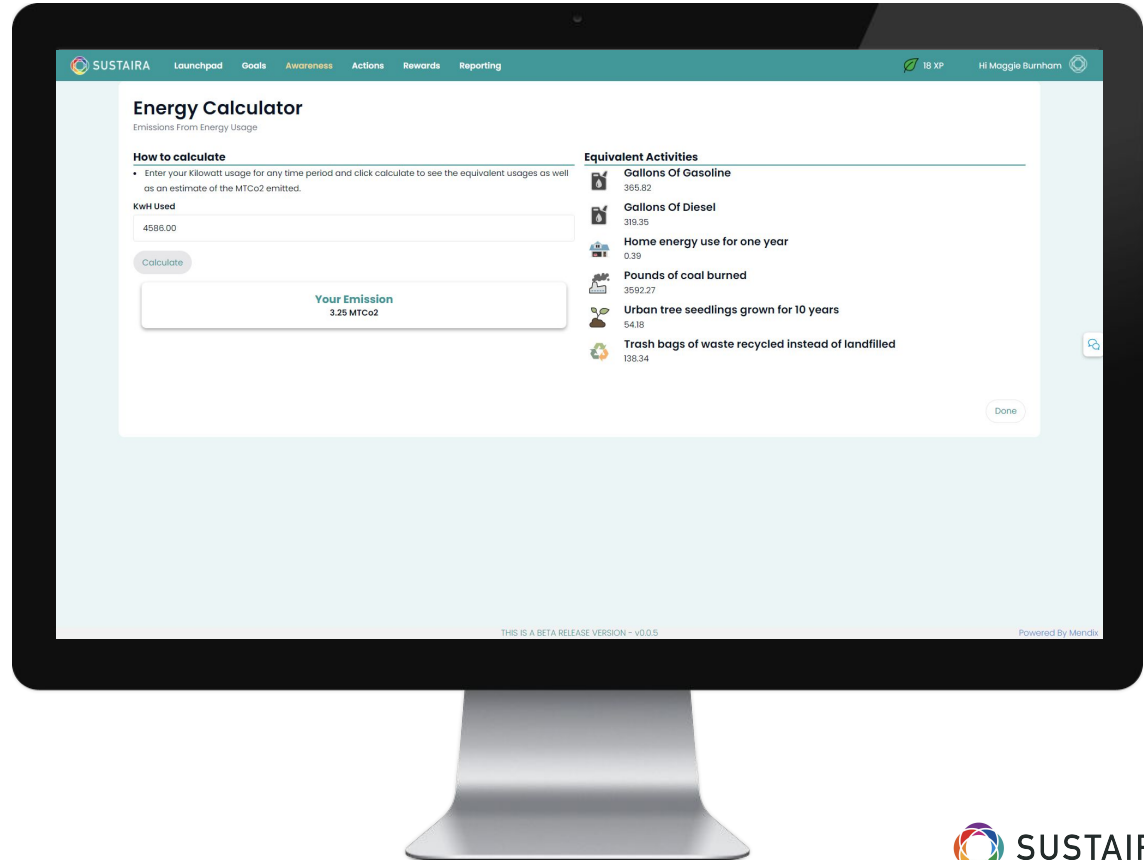- Online reporting and actionable insight

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Sustainability App Template: Energy emission insight

Problem statement:
- Lack of tracking energy emission goals and results
- No transparency
- Variety of locations make data collection inefficient
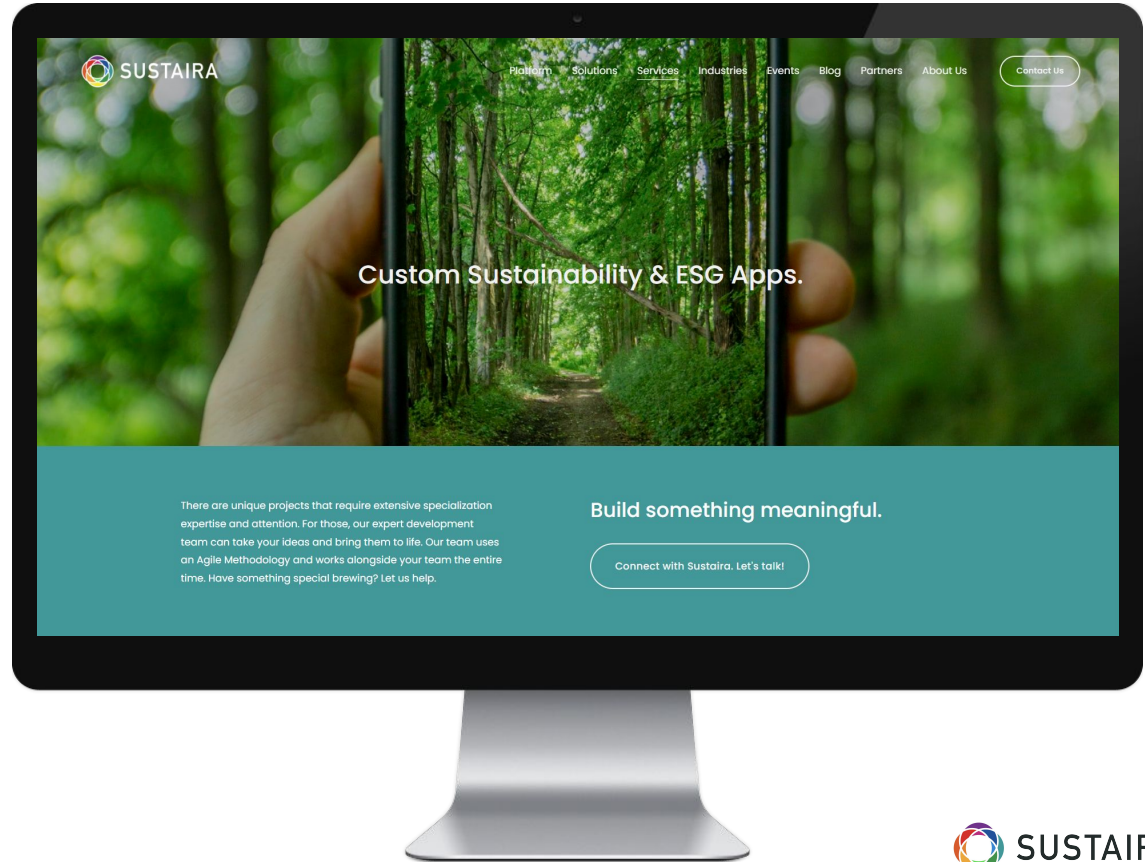- Errors being made in spreadsheets

Solution value:
- Real Time dashboarding
- Automatically pull information from utility provider(s)
- Rapidly adjust to changing requirements
- Task management and reminders
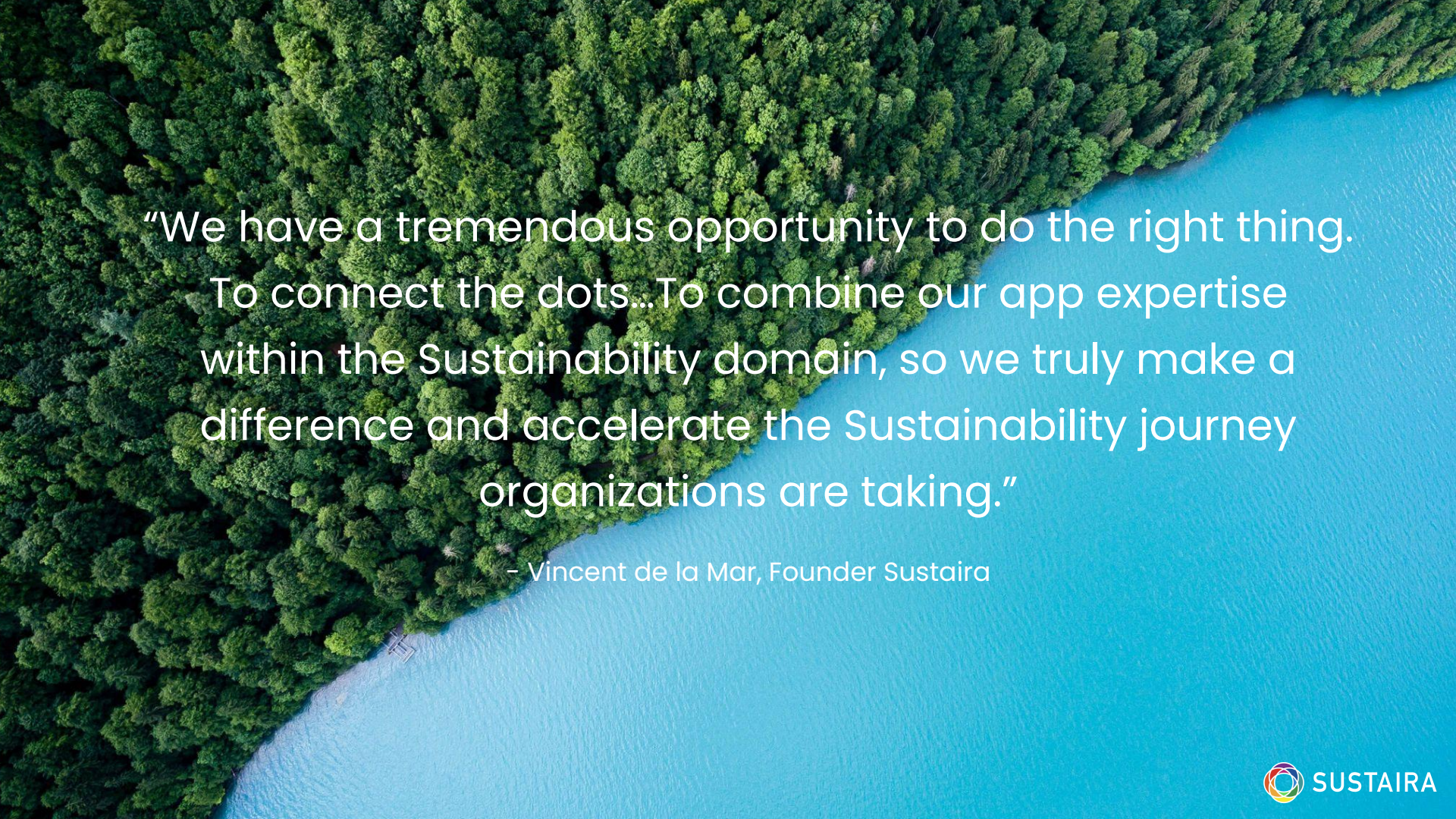
Custom Sustainability & ESG Apps

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

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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