

# The Sustainable Future Is Here.

# **Are You Ready?**

From renewable energy procurement to carbon accounting software, sustainable technologies and solutions are helping enterprises create a greener world and a growing market.







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Market Significance of Sustainable

Technologies

# Sustainability has interwoven itself with every industry imaginable.

Today, you will be hard-pressed to find a major global brand that does not discuss sustainability in its marketing deliverables. It is no longer a question of "if" a company will adopt sustainable practices, but "when." The adverse effects of climate change are well documented, so governments and enterprises worldwide are in full agreement on reducing carbon emissions in an optimal way.

Governments have been instrumental in introducing mandatory sustainability reporting targets for large enterprises, including carbon emissions and resource consumption. Governments have also implemented incentives for companies to switch to clean energy sources. Along with a green-friendly regulatory environment, organizations need to appeal to consumers who prefer eco-conscious brands. Together, these factors place sustainability-minded enterprises at the forefront of the market.

Enterprises will play a pivotal role in achieving a more sustainable future, and they must leverage a variety of technological innovations in order to make that future a reality. ABI Research is committed to guiding implementers and technology providers on this journey. ABI Research's sustainability coverage includes four dedicated sustainability coverage areas—Circularity Technologies & Programs Sustainability for Industrial Markets, Sustainability for Telco Markets, and Sustainability Software Markets—as well as three adjacent coverage areas—Electric Vehicles (EVs), Smart Energy for Enterprises & Industries, and Smart Buildings. Our sustainability coverage is both holistic and specific, embedded across our research coverage, and complementary with cuttingedge technology research.

This whitepaper provides answers to the following questions:

- How are technologies facilitating sustainable enterprise operations?
- Which prevailing trends are molding sustainable technology markets?
- What do the top-level forecasts look like for sustainable technologies/solutions?
- Are there any best practices that enterprises and technology vendors can implement today?



#### Sustainability-Focused Research Service Areas Covered by ABI Research



# **Smart Energy for Enterprises and Industries**

Some of the main energy challenges facing enterprises include rising energy costs, meeting green agendas, energy reliability/availability/quality, and disruptive geopolitical/environmental factors (e.g., trade wars, climate change, etc.). To address these challenges, enterprises are adopting various technologies and solutions that introduce renewable sources into their operations and minimize overall energy usage.

#### Microgrids for Renewable Energy

Solar and wind-based microgrids are a key enabler of decentralized, on-site energy generation for large enterprises, industrial operators, and city designers aiming to reduce carbon emissions. These Distributed Energy Resources (DERs) enable consumers, businesses, and industrial organizations to supplement—or sometimes substitute—the electric grid, instead of being a mere consumer of it.

#### Power Purchase Agreements

Buying Power Purchase Agreements (PPAs) allows enterprises to leverage a consistent supply of renewable energy sources (solar, wind, etc.) at stable prices. Short-term and virtual contracts make PPAs accessible to many more enterprises, providing greater flexibility in negotiating discussions. Current forecasts show that, in 2027, net additions under PPAs per year will reach 106 Gigawatts (GW), covering as much as 23% of the global net addition capacity for renewable technology.

#### **Energy Storage Systems**

Due to the inconsistent supply of renewable energy sources, energy storage systems are crucial to maintaining uninterrupted operations. Legacy diesel generators are being replaced with Battery Energy Storage Systems (BESSs), hydrogen, and flywheels. So, an organization can leverage the stored energy when the sun is not shining or the wind is not blowing.

#### Energy Efficiency Technologies

To combat rising energy prices and reduce electricity consumption, energy utilities and smart energy technology providers offer a variety of tools and advisory services. Such solutions include energy efficiency management software, energy consumption dashboards, energy-efficient buildings best practices and benchmarks, and advisory services.

#### Energy Monitoring, Management, and Simulation Platforms

Enterprises can monitor their energy usage in real time by using connected sensors, gateways, digital platforms, and Artificial Intelligence (AI)-based analytics and control systems. These solutions collect vast sums of energy data to automate energy optimization and self-healing via demand-response systems. Finally, digital twins let users test new smart energy designs and operations without any real-world risk to efficiency.

Get the latest stats, research, and insights on key smart energy trends and technologies with Research Spotlights:

Energy Purchasing Strategies

IoT Technologies for Renewable Energy Growth

aid any firm

100% renewable

This paper's first

coverage area is

Smart Energy for

**Enterprises and** 

**Industries Research** 

Service, which can

the newly launched

energy use.



**ABI Research** 

to grow at a

forecasts EV sales

**Compound Annual** 

Growth Rate (CAGR)

of 15.5% between

2025 and 2035.

For additional

information visit

our Electric Vehicles

**Research Service.** 

### **Electric Vehicles**

As consumers and commercial fleets further embrace electrification in many regions, several areas of contention must be addressed. The toughest roadblocks to EV adoption are prohibitively high costs, grid overload, lack of widespread charging infrastructure, slow charge times, range anxiety, and battery inefficiencies.

*Chart: Plug-In Electric Vehicle Shipments, World Markets: 2025 to 2035 (Source: ABI Research)* 



#### Smart EV Charging

EV manufacturers and infrastructure operators should consider smart EV smart charging to prevent grid overload, including Demand Response (DR) programs, Vehicle-to-Grid (V2G) bidirectional charging, microgrids/DERs, and dynamic power sharing/pricing. These implementations keep the grid balanced by optimizing energy allocation.

#### **Battery Management Systems for EVs**

An intelligent Battery Management System (BMS) software solution can monitor and control the individual cells within an EV battery. In this regard, the BMS prevents the overcharging or over-discharging of the battery. This results in improved vehicle safety, improved vehicle performance (longer life span, faster charging times, greater range), smaller battery sizes, circular battery economy, and optimized trip planning based on the EV's State of Charge (SoC) and State of Health (SoH).

#### Next-Generation Battery Technologies

Several next-generation EV battery chemistries are being explored to reduce reliance on expensive critical materials. Promising substitutes for the current Nickel Manganese Cobalt (NMC) batteries include High-nickel NMC, Lithium Iron Phosphate (LFP), silicon anode, synthetic graphite, and sodium-ion. As EV battery costs come down, so will the Manufacturer's Suggested Retail Prices (MSRPs) on Evs, stimulating stronger demand.

Get the latest stats, research, and insights on key EV trends and technologies with Research Spotlights:

Last Mile Supply Chain Transformation

Vehicle Charging Technologies



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### **Circularity Technologies & Programs**

It is no secret that minimizing material use is a cornerstone of global sustainability. We are increasingly seeing manufacturers implement new programs that promote a circular economy, thereby reusing materials and products (e.g., smartphones, payment cards, etc.) themselves.

#### How Manufacturers Are Creating a Circular Economy

Sustainable businesses work to increase the use of recycled and renewable materials and enhance product repairability, reusability, recyclability, and longevity. At the same time, these businesses continually improve energy efficiency of their products. A key aspect of a circular economy is avoiding having to use new manufacturing components whenever possible. Manufacturers have introduced myriad programs that allow supply chain partners to reuse components for remanufacturing. For example, ABB's in-house circularity programs and waste reduction initiatives helped reduce the amount of waste generated by 2,300 tons.

#### Lifecycle Assessment Software

Lifecycle Assessment (LCA) software is a software tool for assessing environmental impacts throughout a product's lifecycle, i.e., from the material procurement, manufacturing, and product use phases to transportation (supply chain) and waste management (including disposal and recycling). The technology has proven benefits across multiple industries, particularly consumer goods, automotive, electronics, and construction, including supply chain transparency, energy-efficiency improvements, reductions in waste, and regulatory compliance.

#### European Regulation a Driver for Circular Strategies

Circularity is not immune to government regulation, with the European Union's (EU) Circular Economy Action Plan (CEAP) addressing how products are designed. The EU encourages sustainable consumption and is introducing legislation that optimizes resources, prevents waste, and supports product repair and reuse. The CEAP is expected to affect sectors with significant carbon footprints and would benefit the most from circular applications. These sectors include electronics, Information and Communication Technology (ICT), vehicles, batteries, plastics, packaging, textiles and apparel, construction and buildings, and food & beverages.

Get the latest stats, research, and insights on key circular technology trends and technologies with Research Spotlights:

5G Technology Supply Chain	
Global Sustainability Regulations	
Industrial Automation Hardware	
loT in Supply Chain Visibility	
loT Technologies for Renewable Energy Growth	O
Smart Cities	O

Driven by factors including increasing consumer preference, regulations, and the growing integration of the IoT with various solutions, ABI Research expects the LCA software market to grow steadily between 2022 and 2028. Visit our <u>Circularity</u>

Technologies & Programs Research

Service for details.



**Energy and** 

commodity costs

have hit record

levels, causing

to pursue more

strategies, as

indicated in our

**Sustainability for** 

**Industrial Markets** 

**Research Service.** 

industrial companies

sustainable business

# **Sustainability for Industrial Markets**

It has been reported by the World Economic Forum (WEF) that the industrial and production sectors generate more than 30% of global Greenhouse Gas (GHG) emissions, and 40% of the world's energy consumption. This is all with the backdrop of mandatory climate disclosures being enforced in many regions.

#### Renewable Energy Utilization

The use of renewable energy is an essential step in being more sustainable in the industrial space. Industry leaders adopt Photovoltaic (PV) panels and wind turbines for on-site green energy use and renewables account for the majority of their energy consumption. For example, renewables make up 85% of Schneider Electric's total energy consumption, as pointed out in <u>ABI Research's Sustainability Assessment: Large Industrial Solution Providers competitive ranking</u>.

#### Making Sustainability the Top Supply Chain Priority

Today's supply chains are increasingly focused on sustainability and broader Environmental, Social, and Governance (ESG). Much of this focus stems from the fact that Scope 3 emissions typically account for over 90% of a company's total emissions. Industrial manufacturing firms are now expected to choose their suppliers based on environmental factors (e.g., low-carbon transport, materials used, humane work conditions, track Scope 3 emissions, etc.). As a case in point, Apple requires its global supply chain partners to leverage renewable energy and report their carbon emissions reductions by 2030.

#### Meeting Climate Goals with Digitalization

Technology adoption is essential to achieving climate goals in the industrial & manufacturing sectors. This criterion measures the firm's embracement of manufacturing platforms for reducing energy use and water consumption, and performing packaging analysis and logistics. Moreover, ABI Research analyzes the level of commitment that industrials possess to use LCA tools and digital twin technology for reducing product-level, subsidiary-level, and corporate-level carbon emissions, energy, and waste. Key Industry 4.0 technologies should be leveraged on the path to industrial sustainability, such as the Industrial Internet of Things (IIoT), AI, analytics and big data, Augmented Reality (AR) and Virtual Reality (VR), additive manufacturing (Three-Dimensional (3D) printing), and more.

 Get the latest stats, research, and insights on key industrial markets sustainability rends and technologies with Research Spotlights:
 5G Technology Supply Chain

 Industrial Automation Hardware
 Industrial Automation Hardware

 IoT in Supply Chain Visibility
 IoT in Supply Chain Visibility

 IoT Technologies for Renewable Energy Growth
 Smart Cities



**Global pressure** 

is increasing for

telcos to reduce

climate-related

targets. Visit

our Sustainability

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for additional

climate-related

telco research.

energy and achieve

# Sustainability for Telco Markets

The Global System for Mobile Communications Association (GSMA) reports that, as of 2022, 50 operators representing 63% of the industry by revenue and 44% by connections have pledged to reduce their carbon emissions over the next decade, an increase of 19 operators over the previous year.

#### Telco Sustainability Starts with Energy-Efficient Equipment

Telco equipment providers are innovating their products in a way that facilitates the transition to 5G, while keeping energy consumption at bay. Ericsson, for example, was ranked the most sustainable telco supplier in ABI Research's Sustainability Assessment: Telco Technology Suppliers report, mostly due to the company's ability to leverage proprietary silicon with significant energy reduction benefits. This is used across the Radio Access Network (RAN) portfolio for processing, including Massive Multiple Input, Multiple Output (mMIMO) products, baseband, radio, transport solutions, and in integrated antenna and radio solutions. Meanwhile, Nokia's liquid cooling solution offers up to 80% carbon emissions reduction at base stations.

#### Running Networks/Data Centers on Renewables

More than 90% of a telco operator's operational carbon footprint can come from the electricity used to power its networks. That means that the use of renewable energy sources would be a game-changer for the telco industry to get to net-zero. Power Purchase Agreements (PPAs), virtual PPAs (vPPAs), Renewable Energy Certificates (RECs), Guarantees of Origin (GOs), on-site renewable energy (PV panels, wind turbines), or renewable energy purchased directly from a green power provider are all key factors in paving a greener telco value chain.

European telcos are definitively leading the sustainability race. Seven out of the eight global telco operators using 100% renewable energy are based out of Europe (T-Mobile US is the exception), according to ABI Research's Sustainability for Telco Markets: Company Climate Targets and Sustainability Initiatives market data product.

Chart: Telco Operators with 100% Renewable Energy Usage (Source: ABI Research)



#### Reuse as Many Materials as Possible

About 2 billion phones are shipped annually, each made of roughly 50 different materials. The use of these materials carries with it significant carbon emissions increases. Recycling old phones, incentivizing take-back programs, creating eco-system ratings, and using eco-design will go a long way in promoting a circular telco economy.

#### Scope 3 Emissions Are the Big Culprit for Telcos

According to the Carbon Disclosure Project (CDP), two-thirds of the overall carbon footprint of Mobile Network Operators (MNOs) comes from Scope 3 emissions, or activities upstream (e.g., supply chain, fuel usage, etc.) and downstream (e.g., customer charging smartphone, using mobile services, etc.). Therefore, telcos require technologies to track Scope 3 emissions, and must hold supply chain partners accountable for their climate action (or inaction).







Visit our Sustainability Software Markets Research Service for details.

### **Sustainability Software Markets**

#### Sustainability Software Key to Meeting Climate Goals

The sustainability software or platform is a technology-driven tool to collect, store, report, and analyze data related to the climate impact of an organization's operations. Deeper insights on the workflow enable organizations to streamline the process, eliminating margins of error, ad hoc tasks, and time-consuming processes, consequently increasing resource efficiency and reducing cost. Data collected on the platforms can be easily visualized, gaining a clearer picture of trends, and recognizing new sustainability opportunities and potential in the operations.

Another benefit of data collection and visualization on the platform is to establish a baseline of operations, detecting anomalies that can help mitigate risk critical to building resilient business. Comprehensive sustainability platforms enable customers and developers to be transparent, align with region-specific regulations, take action, and track progress, facilitating awareness to the various stakeholders about an organization's performance across the board. The table following touches upon the most promising software solutions helping enterprises meet their climate goals.

# Table: Types of Sustainability Software (Source: ABI Research)

ESG Reporting	Collate, manage, and track progress to measure ESG sustainability performance.	Corporate ESG Reporting Environment, Health, Safety, and Quality (EHSQ)
Carbon Management	Monitoring, reporting, verification, and certification of a company's carbon emission based on resource consumption and operation.	Carbon Reporting Carbon Accounting Carbon Offset Solutions
Sustainable Building Management	Building/facility-level resource (energy, water, waste) management systems that manage multi-source streams, monitor consumption patterns, and troubleshoot and optimize resource operational efficiency.	Smart Building Management (Energy) Water Management Waste Management
Sustainable Product Development	Tools and systems to track sourcing, design, development, manufacturing, and disposal to create resource-efficient products.	Lifecycle Assessment Software Digital Twin Computer-Aided Design (CAD) Product Lifecycle Management (PLM) Supply Chain Management
Allied Software Tools	Additional tools to collate and streamline data pipelines from departments of organizations to improve workplace efficiency, collaboration, communication, and knowledge sharing.	Data Management, Automation, Al, and Predictive Analysis Tools Database Services (supplier, compliance) Collaboration and Communication





## **Smart Buildings**

Roughly 40% of all energy consumption can be traced back directly to buildings. To address this surmountable challenge—in tandem with fiercer regulations—building owners and the businesses and corporations they serve are all looking to smarter Architecture, Engineering, and Construction (AEC) management systems to deliver financial, environmental, and even brand marketing benefits. Seizing the small business opportunity will demand a new flexibility both in smart building software and services offerings, but also in its sales channel and the support it provides through partners and internally to a new swathe of potential customers.

#### **Building Management Systems**

Smart Building Management Systems (BMSs) can monitor energy usage across an entire building, providing operators with a bird's eye view of energy utilization, thereby allowing them to optimize accordingly. These systems leverage data (e.g., thermal energy, lighting, room occupancy, water usage, electrical storage, etc.) from sensors, smart meters, and other connected technologies to give building operators a sense of where energy is being allocated and benchmark energy Key Performance Indicators (KPIs). Moreover, BMSs can automate Heating, Ventilation, and Air Conditioning (HVAC) control based on room conditions (temperature, room occupancy) or enable prediction and planning systems. Hotels will be a key target market for these automated energy solutions as energy usage is the second largest operating cost for hotels, while guestrooms are vacant 50% of the time.



Chart: Wireless NLC Lighting Shipments by Component Type World Markets: 2022 to 2030 (Source: ABI Research)

#### Networked Lighting Control

Networked Lighting Control (NLC) augments the energy efficiency benefits of switching to Light-Emitting Diode (LED) by adding automated and dynamic lighting control to LED systems. NLC solutions read sensor data on room occupancy and natural lighting levels to automate lighting control. So, if nobody is in a room or the room already has the sun shining in, the lights will be off, preventing wasted energy.

#### Additional

- information on
- Smart Buildings is
- available from our

Smart Buildings

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#### Smart Commercial Building Simulation Software

Simulation software is the best bet for building operators when deciding which ecoconscious changes to make. From electrical energy usage to lighting system design, and to wind engineering to daylight estimations, simulation software covers a wide range of factors before implementing a design change. This allows building operators to gauge how effective a new design change will be in reducing carbon emissions/conserving energy. Digital twin software has become increasingly popular, allowing operators to create a virtual representation of their building in order to simulate real situations and their outcomes.

#### **Generative Design**

Generative design is an iterative design process that involves a program that will generate a certain number of outputs that meet certain constraints, and a designer that will fine tune the feasible region by selecting specific output or changing input values, ranges, and distribution. Generative design solutions significantly reduce the time to optimally design a building as it leverages computing power, AI, and ML to automate time-consuming aspects of the design process. For example, generative design software can generate thousands of room design options based on the sustainability criteria desired. The end result is that building designers can test and evaluate design options, including materials, environmental impact, and circularity, in a timely fashion.

#### Energy-Saving Smart Home Hardware/Software

Smart home technologies, such as smart thermostats, radiator controls, smart blinds, smart lighting, and smart appliances can all be used in buildings as well. From office spaces to Multi-Dwelling Units (MDUs), these smart home technologies reduce energy consumption and utility bills, while offering a degree of individual benefit to ensure that energy costs are reduced to a minimum during periods when the property/room is empty. In addition, limitations can be set on the amount of control or limit the control that guests have over running HVAC and similar systems during a stay.





# Market Significance of Sustainable Technologies and Solutions

Numerous conclusions can be made using the market findings we have shared in this paper. However, some conclusions stand out from the rest, with significant impact on the stakeholders in respective sustainability markets. The table below lists some of the key takeaways our analysts would like to cast light on.

#### Table: Main Takeaways for Sustainable Technologies (Source: ABI Research)

<u>Smart</u> Energy for Enterprises & Industries	<ul> <li>Blend platforms with broader technologies to facilitate smooth integration with the IoT, analytics, and software.</li> <li>Use an Energy-as-a-Service business model, as flexible, on-demand offerings accelerate digital transformation.</li> <li>Virtual, short-term PPAs should be seen as the bridge to 100% renewable energy usage for more global businesses.</li> <li>Include consulting services; sustainability is a new journey for most businesses, creating a huge revenue opportunity.</li> </ul>
<u>Electric</u> <u>Vehicles</u>	<ul> <li>Smart charging tools/strategies (DR programs, Vehicle-to-Grid (V2G) charging, dynamic power sharing/pricing, etc.) must be adopted to prevent grid blackouts.</li> <li>BMS software is key for OEMs, as it promotes increased safety, longer ranges, and extended vehicle life span.</li> <li>Take advantage of Inflation Reduction Act subsidies in North America.</li> <li>Place electrification goals at the heart of supply chain software integrations (e.g., fleet telematics).</li> </ul>
<u>Circularity</u> <u>Technologies</u> <u>&amp; Programs</u>	<ul> <li>Include circularity/ecodesign into sustainability KPI targets. LCA software selection should be based on these specific environmental goals.</li> <li>Manufactured goods must be designed with durability in mind to facilitate recycling.</li> <li>Consider integrating disassembly instructions for customers at end-of-life to support reuse.</li> <li>Extended Producer Responsibility (EPR) compliance encourages companies to design more sustainable and recyclable products and manufacturing processes.</li> </ul>
<u>Sustainability</u> for Industrial <u>Markets</u>	<ul> <li>Introduce renewable energy into operations, either through purchasing agreements (PPAs, RECs, etc.) or on-site generation.</li> <li>Scope 3 (supply chain) emissions typically account for 90% of total emissions for industrials. Emission reduction efforts should focus on these areas to have the largest impact.</li> <li>Introduce 4IR technologies, including AI, IoT, and digital twins to improve sustainable operations.</li> <li>LCA is a key technology to help reduce emissions, energy, and waste across industrial and manufacturing sectors.</li> </ul>
<u>Sustainability</u> for Telco <u>Markets</u>	<ul> <li>Telco operators should pursue 100% use of renewable energy in operations, as achieved by telco sustainability leaders.</li> <li>Introduce waste management and circularity programs to reduce e-waste and promote recycling of network equipment.</li> <li>Migrate to 5G (which is up to 90% more energy efficient than 4G) and retire 3G and legacy systems.</li> <li>Introduce AI and Machine Learning (ML) technologies to optimize performance and improve efficient energy of networks.</li> </ul>
<u>Sustainability</u> <u>Software</u> <u>Markets</u>	<ul> <li>Global/regional regulations form the bedrock of carbon accounting software.</li> <li>The best all-in-one Carbon Dioxide (CO2) accounting offerings will track and calculate total carbon emissions, generate standardized ESG reports, analyze Return on Investment (ROI) calculations, and in-corporate strategic recommendations.</li> <li>Sustainable CAD/LCA offerings must allow enter-prises to test a product's carbon emissions footprint early in the design process.</li> <li>Integrate product design offerings with other technologies for better assessment of product materials, embodied carbon, end-of-life considerations, and circularity.</li> </ul>
<u>Smart</u> <u>Buildings</u>	<ul> <li>BMSs should be vendor-agnostic and support digital twin or space/energy management applications.</li> <li>New smart building platforms fall under the umbrella of three key features: data connection, data management, and data visualization.</li> <li>NLC adoption will be built around openness to wireless connectivity protocols, cost savings incentives, education campaigns, and add-on services to platforms.</li> <li>Smart thermostats, radiator controllers, smart blinds, smart lighting, smart appliances, and more all have the potential to appeal to hospitality providers.</li> </ul>
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How

**ABI Research** Will Support Your Sustainability

Efforts

	<ul> <li>Smart Energy for Enterprises and Industries</li> <li>Energy purchasing strategies</li> <li>Energy management software tools</li> <li>Smart heating technologies</li> <li>Smart energy regulation and legislation</li> <li>Micro-grids and energy storage</li> <li>Smart energy digital platforms</li> <li>Smart energy for industries</li> </ul>
	<ul> <li>Electric Vehicles</li> <li>EV charging infrastructure</li> <li>EV demand forecasts</li> <li>Next generation EV batteries</li> <li>Two-wheel electrification</li> <li>Digital twins for EV batteries</li> <li>Accelerating EV charging rates</li> <li>EV semi-annual updates</li> <li>Scaling EV battery production</li> <li>Battery Electric Vehicle (BEV) versus Hydrogen Full Cell Electric Vehicle (HFCEV) in commercial vehicles</li> </ul>
<b>Q</b> 35	Circularity Technologies & Programs • Circularity economy regulations • Best practices by industry • Production/consumption models • Technology overview for curbing waste • Addressing Scope 3 (supply chain) emissions
P	<ul> <li>Sustainability for Industrial Markets</li> <li>Individual company analysis for addressing sustainability</li> <li>Emissions/water/waste reduction strategies</li> <li>Cost savings identification</li> <li>New revenue opportunities from decarbonization</li> </ul>
	Sustainability for Telco Markets • Global/regional regulations that affect telcos • Telco climate targets/progress tracking • Carbon reducing technologies/solutions • 5G impact on sustainability
	Sustainability Software Markets • Assessment of CO2-reducing software • Carbon accounting software/tactics • Global climate disclosures affecting businesses • Eco-design software for product development
	Smart Buildings <ul> <li>Smart building energy management systems</li> <li>Overview of technologies for sustainable AEC applications</li> <li>Renewable micro-grids for buildings</li> </ul>



# **Next Steps**

ABI Research is ready to be your partner as you embark on the path to sustainability. We provide granular insight to help enterprises and technology vendors assess what's next for their organization. From renewable energy procurement to carbon accounting software, learn about the sustainable technologies and solutions ABI Research covers to help enterprises create a greener world.

REACH OUT TO US NOW!

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