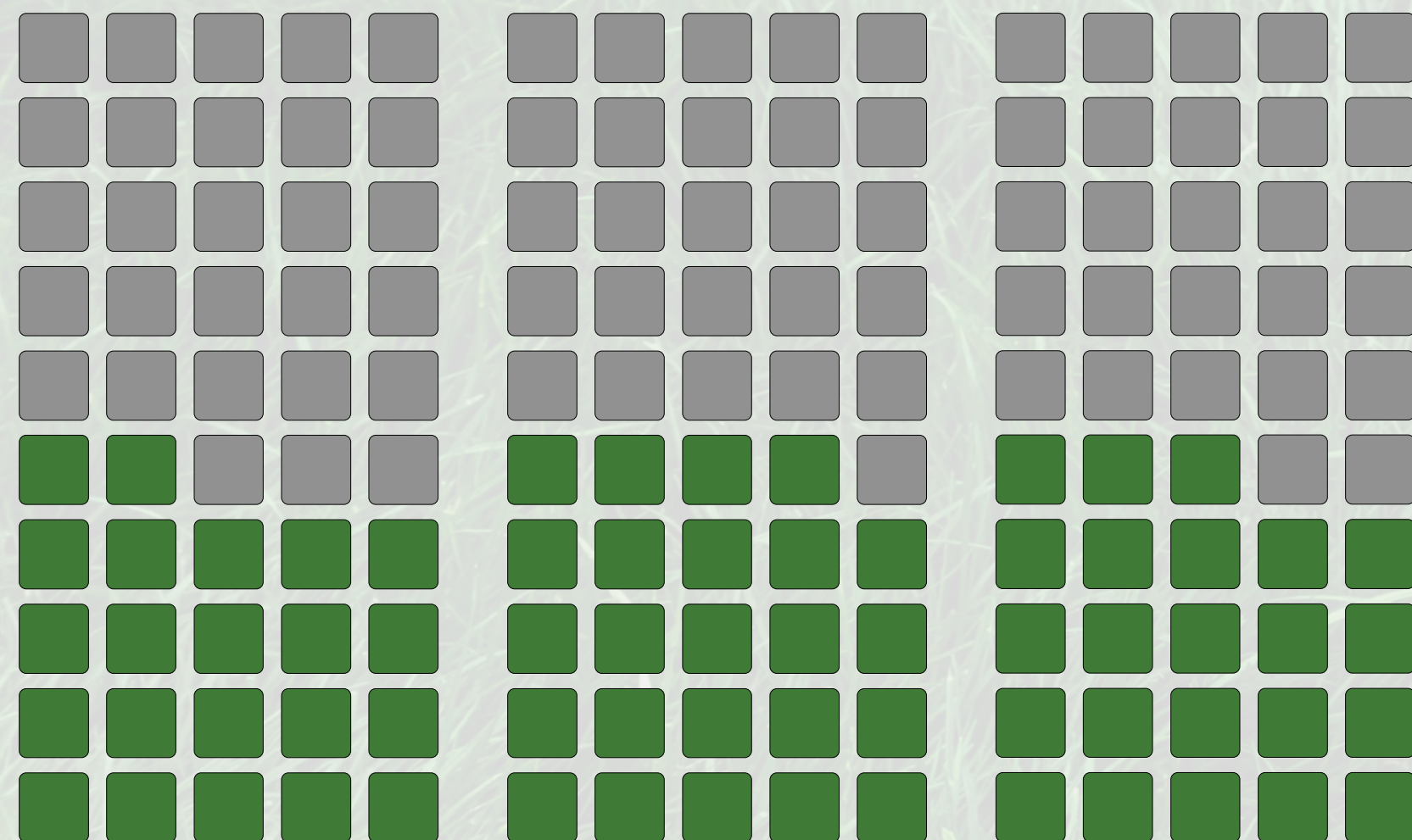




Driving Sustainability



PILLARS OF SUSTAINABILITY



CLIMATE CRISIS

SUPPLY CHAIN

WASTE REDUCTION

ENVIRONMENTAL CLIMATE CRISIS

More frequent and severe extreme weather events are significant proof of our unpredictable climatic conditions that, over time, will continue to expose global business and infrastructure to catastrophic risks, with the potential to destabilise the world economy¹. The retail sector employs billions of people and has supply chains ferrying goods from every corner of our planet. The carbon footprint as a result is extremely high - not just in the movement and distribution of goods, but by the level of waste created both during manufacturing and well as after purchase.

SUPPLY CHAIN TRANSPARENCY

This sector has one of the most complex supply chains in the world. Products are sourced from various corners of the globe, and consolidated under one roof to deliver to consumers. This creates its own share of challenges especially due to the lack of control and monitoring systems on the transparency and ethics in sourcing labour and materials. Women workers are marginalised into low paying jobs, children are frequently injected into the supply chain and products are sourced unethically with people paid below minimum wage.

WASTE REDUCTION

The growth of retail has had a corresponding impact on the planet with our land and oceans seeing a dramatic increase in pollution from packaging waste, especially plastics. The industry has struggled with finding alternatives to plastics and there is a far greater need for early innovation in the supply chain process with regards to packaging and waste.

** One square equals \$3 trillion dollars in GDP



ENVIRONMENTAL CLIMATE CRISIS

The climate crisis requires a complete overhaul in the way we make, gather, distribute and move products from source, through to disposal. Organisations must treat resources as a finite commodity, enforcing efficiencies in their business value chain to consume less and consume differently. Given the far reaching scale of the retail industry, this sector needs to take responsibility for its own actions, both as individual organisations but also hold the wider supply chain accountable against broader sustainability goals. From packaging and food waste, to sourcing locally, a sustainability strategy must place climate risk at its core and innovate quickly to transform the retail landscape.

SUPPLY CHAIN TRANSPARENCY

Organisations in the retail sector must have strict policy guidelines for their supplier base. Be it anti-slavery, child labour or minimum wage checks, it is the responsibility of the organisation to put monitoring systems in place and hold their supply chain accountable and responsible for ethical business practices. As the industry works quickly to develop cleaner, greener ways to source and deliver goods from farm to fork, sustainability & ethics must remain at the heart of this transformation.

WASTE REDUCTION

The retail sector is faced with a unique situation - to find the right balance between the reduction of packaging waste and protecting products during transportation to have an improved shelf life. As consumers start to gravitate towards healthier choices in their buyer behaviour and move away from harmful packaging waste, retailers need to continue to pressure their supply chains to use eco friendly materials as well as source from nearby locations, reducing the need for multiple transportation means.





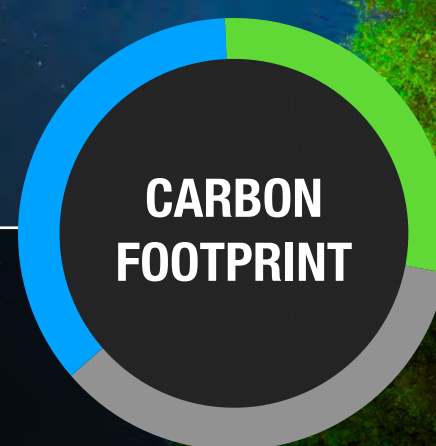
Sustainability

▲ Accelerated change

POWERED BY TECHNOLOGY

PLANET

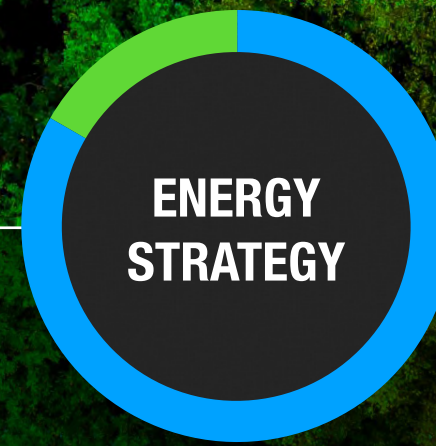
PEOPLE



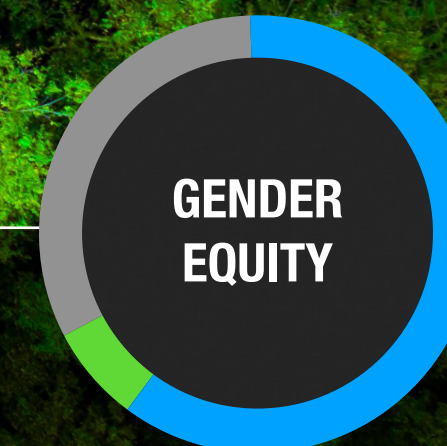
CARBON FOOTPRINT



REDUCE E-WASTE



ENERGY STRATEGY



GENDER EQUITY



ETHICS

With the growth in technology & our ever increasing data footprint, we must remain conscious of the impact our IT estate has on the planet. At current rates, technology is predicted to outpace other industries in its carbon emissions and contribute nearly 5.5% of global CO2 emissions by 2025². Fortunately, the technology sector has a lower CAPEX footprint, placing it in prime position to evolve quicker than its peers and deliver technologies to industry to reduce climate risk in investment portfolios, help track Scope 3 emissions & decarbonise the supply chains.

Skills for the future increasingly rely on a strong background in STEM. We must ensure equal opportunities for both women and men and help reset the gender imbalance in technology roles. In parallel, with the explosion of data, technology has the ability to empower organisations to build in security, trust and transparency into the way they manage and use people's data.



AMAZON WEB SERVICES

AMAZON CLIMATE FUND

In June 2020, Amazon announced a \$2 billion Climate Pledge Fund to invest in organisations catalysing the transition towards a low-carbon economy. This reinforces their commitment towards net zero carbon across the entire business value chain by 2040, 10 years ahead of the Paris Agreement. 6 months later in Dec 2020, Amazon became the largest buyer of renewable energy on the planet, procuring 8.5 GW of energy for its global operations³.

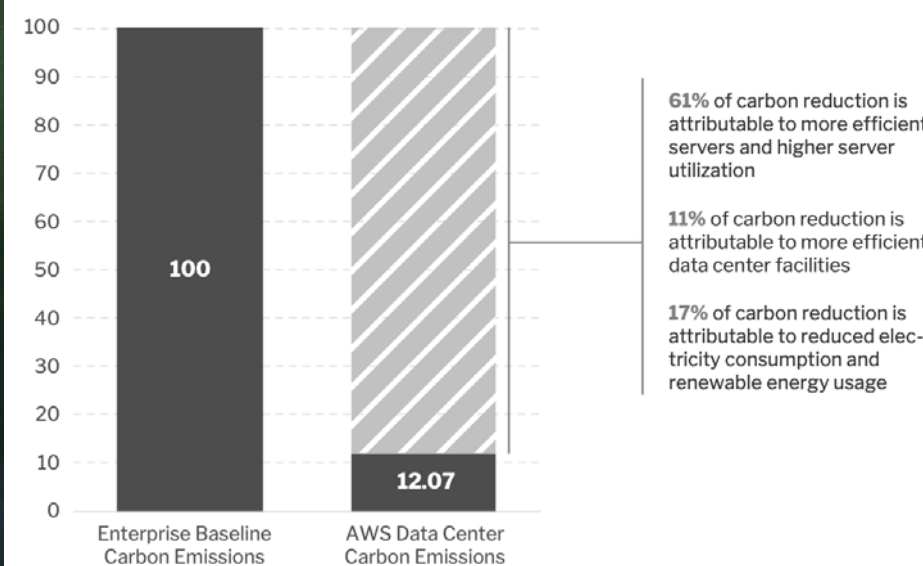
100% RENEWABLE BY 2025

Amazon Web Services (AWS) has committed to running their entire cloud infrastructure in the most environmentally friendly way & achieve 100% renewable energy usage for their global cloud data centres. This will give organisations a platform to migrate their existing IT estate and offset their potentially very large CO2 footprint.

WATER EFFICIENCY

AWS has multiple initiatives to improve their water use efficiency and reduce the use of potable (drinking) water for cooling data centres. Taking a holistic approach, they assess both the water and energy usage of each potential cooling solution to select the most efficient method - using evaporative cooling, recycled water, on-site water treatment & water efficiency models.

"When we factor in the carbon intensity of consumed electricity and renewable energy purchases, AWS performs the same task with an 88% lower carbon footprint." - 451 Research



SOCIAL EQUITY

100 CENTS PER \$

In 2020, women earned a dollar for every dollar that men earned performing the same jobs.

99.2 CENTS PER \$

In 2020, minorities earned 99.2 cents for every dollar that white employees earned performing these same jobs.

SPLUNK

DATA DRIVEN

Splunk is committed to avoiding, minimising, mitigating, and offsetting our impacts on the environment. We accept the Intergovernmental Panel on Climate Change's (IPCC) assessment of climate change science and have set initial targets for achieving net zero greenhouse gas emissions by 2050 per the Science Based Target initiative (SBTi) 1.5°C ambition level.

Splunk follows The Climate-Related Financial Disclosures (TCFD), Sustainability Accounting Standards Board (SASB) and GRI Standards for measuring and reporting its energy and greenhouse gas emissions footprint and is committed to environmental transparency via the CDP Climate Change Questionnaire disclosure process. We aim to bridge the data divide to harness data to solve some of humanity's greatest challenges, which includes ethical and inclusive growth, and the broader societal issue of data ethics and security.

THE GREEN ACCELERATOR

As a collective, we are facing the most critical challenge of our lifetimes, with many organisations focused on delivering on climate positive changes and carbon reduction targets.

To truly catalyse these efforts and move at speed, organisations will have to adopt strategic use of partnerships and data in business operations and decisioning to drive proactive change in sustainability efforts.

Committed to sustainability as a fact-based, data-driven technology alliance, Splunk + AWS are uniquely positioned to give organisations a head start in their own sustainability efforts as part of the larger fight against climate change.

- CONTINUOUS MONITORING**
Progress indicators provide real-time feedback on an organisations' sustainability footprint
- IMPACT DRIVEN DECISIONS**
Focus on real-world impact & harness resources to drive faster sustainable change
- COLLABORATE FOR CHANGE**
Share data and work with a wider community of clients and partners to accelerate sustainability adoption



01 GREEN TECHNOLOGY

As technology investments grow, they add tremendous pressures on an organisations' carbon footprint. With the ICT industry⁴ set to contribute 14% of global GHGs by 2040, a green IT strategy is a necessity we must afford.

02 CLOUD FOR THE PLANET

Cloud vendors are investing billions in the most efficient infrastructure - from heating & cooling technologies to water reuse, to optimising server utilisation rates. Cloud is a cleaner, more planet friendly way to compute.

03 REDUCE YOUR CO2

A clean IT investment strategy can massively reduce an organisations' carbon footprint. Green architectures & tools available in the cloud via container technology or serverless compute drive down carbon emissions.

04 ETHICAL & TRUSTED

Technology partners play a vital role in ecosystem transparency by developing trust across the value chain. These partnerships must include sustainability commitments as a precursor for engaging with suppliers.

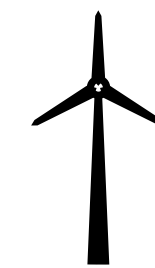
AWS

Our Clients

SPLUNK

ACT NOW

CLICK HERE



WOULD YOU LIKE
TO OFFSET 1,000
KG OF CO2

DOWNLOAD

CLICK HERE



SUSTAINABILITY
TOOLKIT
FOR SPLUNK

▶ © EARTH 51 is a registered trademark of EARTH 51. EARTH 51 and the trademarks, logos and service marks displayed on the document are the property of EARTH 51 and its affiliates, or of their respective third-party owners. Use of the Marks is not permitted absent prior written consent of EARTH 51 or of the respective third-party owner.

▶ © AWS, the AWS logo, and other AWS marks are trademarks of AWS or its subsidiaries. Other names and brands may be claimed as the property of others.

▶ © Splunk, the Splunk logo, and other Splunk marks are trademarks of Splunk or its subsidiaries. Other names and brands may be claimed as the property of others.

▶ Sources: 1. NYT 2. The Guardian / Environment 3. Amazon 4. Environmental Finance | Images: Envato