

THE CHALLENGE

SOLVING TOMORROW

TECH FOR GOOD

OUR STORIES

BETTER TOGETHER

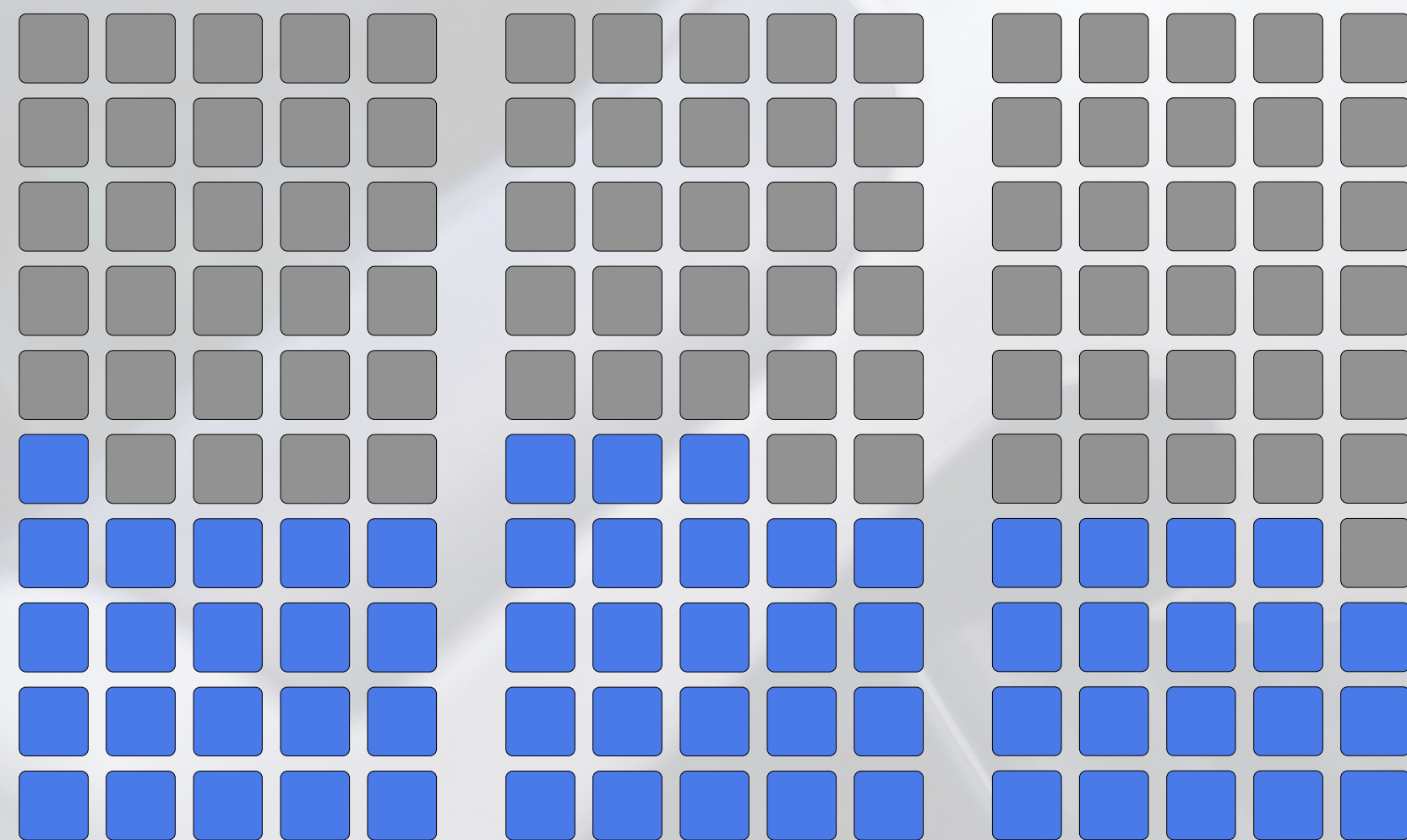
ACT NOW



# Driving Sustainability



PILLARS OF SUSTAINABILITY



CLIMATE CRISIS

SUPPLY CHAIN

DATA STRATEGY

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

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 economy<sup>1</sup>. The automotive sectors has a vital role to play given their impact on the environment and are having to embrace innovative new ways to reduce the carbon emissions of vehicles as well as through their manufacturing processes.

SUPPLY CHAIN TRANSPARENCY

Vehicle manufacturers have one of the most complex supply chains in the world. Parts are sourced from various corners of the globe and brought together to form a single product. This has its share of challenges especially due to the lack of control and transparency in ethical monitoring systems for sourcing labour and materials. Women workers are marginalised into lower paying roles, children are frequently used for menial jobs and conflict minerals are sourced unethically.

DATA STRATEGY

The future of the automotive industry will be powered solely by renewable energy and driverless vehicles will become the mainstay of the automotive fleet. As we gravitate towards such a future, the consumption, distribution and usage of data becomes a primary concern. The challenge with high growth innovation is privacy laws, data security and ethical data governance tends to lag behind creating gaps in the way data can be misused.



## ENVIRONMENTAL CLIMATE CRISIS

The climate crisis requires a complete overhaul in the way we make vehicles for wider consumption. With an every burgeoning population, the automotive sector is going to be responsible for massively reducing the carbon footprint on our planet. This sector helps consumers but also business that rely on clean transportation to move goods across the globe. Organisations need to quickly transform to develop clean energy powered vehicles and transition from fossil fuels inside this decade. It's fair to say, the future of mobility will dictate the success of the wider industry to combat climate change.

## SUPPLY CHAIN TRANSPARENCY

Organisations in the automotive sector must have strict policy guidelines for their supplier base. Be it anti-slavery, child labour or conflict minerals, it is the responsibility of every organisation to put monitoring systems in place and hold their supply chain accountable and responsible for ethical business practices. As the industry embraces renewable power and develops processes for a circular economy, sustainability & ethics must remain at the heart of this transformation.

## DATA STRATEGY

Intelligent vehicle systems have given rise to a massive explosion of data, which requires building a data strategy to future proof a business for the next decade. This will address checks and balances in the way data is used by organisations, build security layers to keep data safe and help automate systems and processes through technology solutions to ensure trust, security and ethics and scale with business growth.





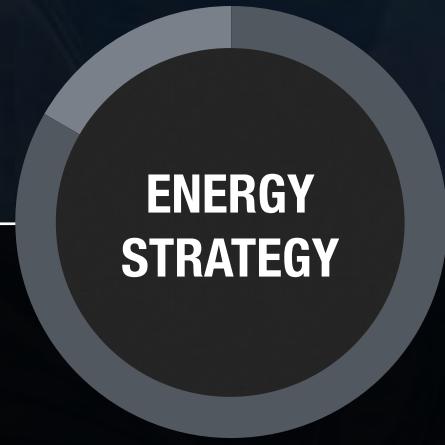
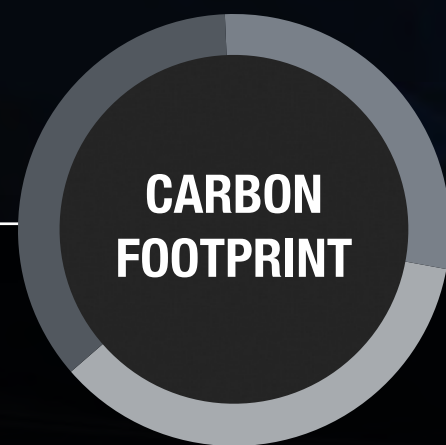
# Sustainability

POWERED BY TECHNOLOGY

▲ Accelerated change

## PLANET

## PEOPLE



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 2025<sup>2</sup>. 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 operations<sup>3</sup>.

### 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.

### SOCIAL EQUITY

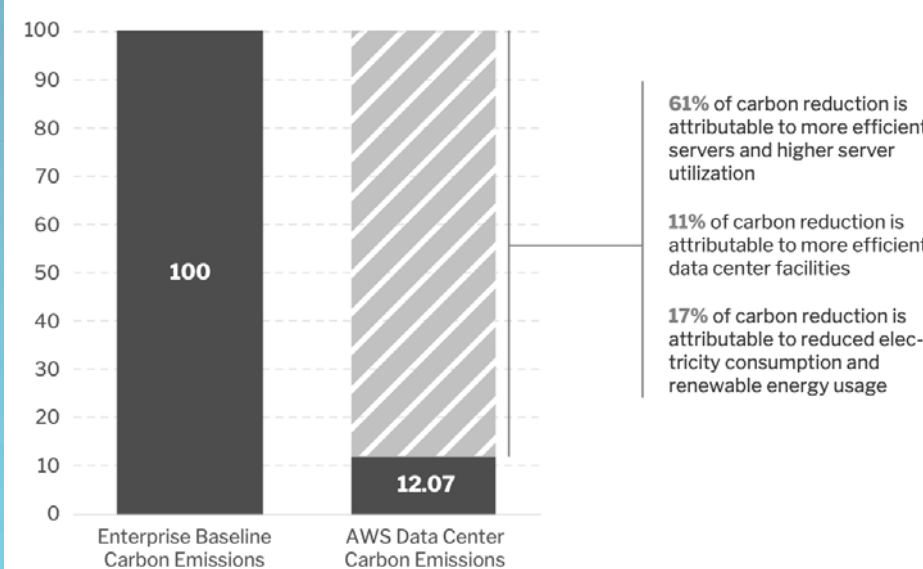
#### 100 CENTS PER \$

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.

**"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**



## 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 industry<sup>4</sup> 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.

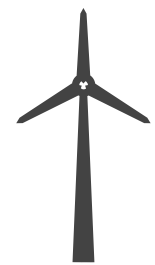
AWS

Our Clients

SPLUNK

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WOULD YOU LIKE TO OFFSET 1,000 KG OF CO2

DOWNLOAD

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SUSTAINABILITY TOOLKIT FOR SPLUNK

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