

**SOLVE
SOMETHING
IMPORTANT**

GreenOps Analysis

Service Description Document

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GreenOps Analysis

1 WHAT THE SERVICE IS

We assess and minimise carbon emissions. We craft a sustainability strategy that aligns with your specific goals and operational scope. We quantify the carbon footprint of your cloud and provide analytics on emissions, and then help you make informed decisions that enhance your ecological footprint without compromising on operational efficiency.

FEATURES

- Assess cloud estate to quantify cloud operations carbon footprint.
- Monitor and report carbon emissions of the cloud.
- Identify actions to improve sustainability specific to the organisation.
- Create a sustainability strategy for cloud operations.
- Complementary to FinOps, financial operations in the cloud.
- Provide scope 3 carbon footprint data and actions to reduce.
- Benchmark performance against industry sustainability standards.
- Optimise server utilisation for reduced environmental impact.
- Automate energy-efficient workload scheduling.
- Real-time analytics dashboard for sustainability metrics monitoring.

BENEFITS

- Lower carbon emissions by using cloud resources more efficiently.
- Cloud agnostic service covering all hyperscalers e.g. AWS, Azure, GCP.
- Maximise efficiency and optimise performance of cloud infrastructure.
- Encourage organisation culture of sustainability.
- Reducing energy consumption enables costs savings.
- Provide clear and outcome-based actions to tackle scope 3 emissions.
- Progress towards Net Zero targets with cloud sustainability.
- Attract and retain staff valuing ecological commitments.
- Facilitates data-driven decisions for sustainable operations.
- Increases access to green technology grants and funding.

OVERVIEW

GreenOps is the sustainability aspect of Cloud Management. GreenOps explores the environmental impact of cloud operations and is becoming a critical element in environmental, sustainability, and governance (ESG) practices. This service offering helps organisations learn how to apply cloud resources judiciously to address specific business outcomes.

Cloud management is now expanding from an isolated financial view to include sustainable GreenOps. The ICT sector currently contributes over 3% of the total carbon footprint which has driven an interest in GreenOps. Organisations are no longer concerned purely with their greenhouse gas outputs. They must also address emissions from suppliers, including cloud service providers. This drives the need to measure and reduce carbon emissions from public cloud workloads. Visibility of the current environmental impact is the first step before any actions to reduce it can be taken.

The profile of the cloud workload can impact carbon output. For example, some programming languages use far more energy (C tends to be more efficient than Python for instance) to complete a task than others. However, alternative language choices may satisfy business goals (cheaper and faster) but may negatively impact sustainability choices. This is where combining FinOps and GreenOps is so important. A combined focus on GreenOps and FinOps offers significant benefits.

Leidos utilises GreenOps for our own sustainability targets and we have conducted GreenOps analysis for many of our customers through our proven techniques and processes. With increasing focus on public sector sustainability and environmental targets, looking at cloud consumption and carbon footprint is an important activity to undertake, and is one in which Leidos can assist.

2 ANY ONBOARDING AND OFFBOARDING SUPPORT YOU PROVIDE

Where relevant, Leidos will adopt a consultative approach with customers to define and validate their requirements in order to determine how best to engage with the services. The onboarding and offboarding process is dependent on the specific requirements of the solution, and the delivery methodology agreed upon.

3 PRICING

Please refer to the associated Pricing Document relevant to this Service.

4 TERMS AND CONDITIONS

Please refer to the associated Terms and Conditions Document relevant for our Service Offerings.

5 FURTHER INFORMATION

Please send your requirement to publicsector@uk.leidos.com. Alternatively, if you wish to discuss your requirements in more detail, please send us the following information and we will be happy to contact you:

1. Your organisation name.
2. The name of this service.
3. Your name and contact details.
4. A brief description of your business situation.
5. Your preferred timescales for starting the work.

ABOUT LEIDOS

Leidos is a leading partner to the UK government and the Scottish government as well as having key client partners in transportation and energy. Leidos employs 1300 people across the UK supporting technology and business process transformation programmes for clients such as the Home Office, the Ministry of Defence, the Metropolitan Police Service and NATS.

The success of this work in the UK and beyond shows that we are a trusted partner in the region and that our people can deliver innovative solutions to solve the most challenging problems.

LEVERAGING OUR CORE CAPABILITIES

Our technical core capabilities define the areas in which technical excellence is critical, not only for our business, but in the work we do daily to help customers achieve the important missions on the frontlines of their industry. Explore our core capabilities [here](#).



Digital Modernisation



Cyber Operations



Mission Software Systems



Integrated Systems



Mission Operations



INCLUSION AND DIVERSITY IN LEIDOS UNITED KINGDOM

Leidos is committed to creating a diverse and inclusive workplace, where every colleague has the opportunity to contribute, share their unique ideas and talents, and be supported in their career. Explore Inclusion and Diversity in the UK [here](#).

SOCIAL VALUE

We're committed to supporting sustainability initiatives, tackling workforce inequality and STEM education by enriching the communities to our operations. Learn more about Social Value in the UK [here](#).