The Digital Decarbonization Assessment

Understanding your current state is the only way to advance.

Pressure is increasing from clients, investors, shareholders and society. They expect businesses to be ethical and transparent about environmental impact and, more concretely, carbon emissions.

To demonstrate your organization's intent and progress in fighting climate change, partner with Atos on a Digital Decarbonization Assessment (DDA).

The DDA is a 6-8-week study of your current maturity, IT carbon emissions, organizational ambition and carbon-reduction actions to show you how and where to effectively move forward on decarbonization.

At the end of the assessment, you'll:

- **Know your decarbonization maturity.**
  Each DDA begins with an Ambition Workshop and a full decarbonization maturity assessment.
- **Have clear goals and challenges.**
  DDA provides clarity on your organizational ambitions and hurdles across 9 aspects of the IT function that have a carbon impact. Decarbonization goals and benefits by leveraging Microsoft Azure cloud services.
- **Receive expert advice on your best steps forward.**
  The DDA roadmap shows your low-hanging fruit, for quick wins, plus a structured action plan with longer timelines.

Component-based methodology

Our methodology is structured into six cohesive components that function independently or progressively depending on your requirements.

1. Workshop to define the organization's decarbonization ambition

2. Assessment questionnaire and interviews

3. Validation of responses and other inputs

4. Maturity evaluation and carbon calculation

5. Roadmap and measurement of progress toward specific goals

6. Detailed report on all components, including decarbonization benefits of adoption of cloud services with Microsoft Azure

AtoS

IT can seriously contribute

Every enterprise IT department can reduce its carbon emissions, sending waves of sustainability throughout the organization. Through our experience decarbonizing our own data centers and operations, we've identified nine main aspects of the IT spectrum with potential to reduce emissions.

Data
The way in which data is managed is key to decarbonizing IT environments.

Staff
Employees, the ways they work, services they use and environments they work in have impact on decarbonization.

Software
Decarbonization should be part of decisions related to software due to its impact on energy consumption.

Hardware
Machines like servers are often the biggest energy consumers.

Infrastructure/network
Infrastructure and/or networks are normally designed for performance and security without considering environmental impact.

Data center
Data-heavy organizations rely on power-hungry data centers with many opportunities for improvement.

Company culture
Driving climate-related change across the organization requires a strong, unified approach.

Supply chain
The impact and progress of suppliers through the procurement process must also be monitored.

Usage
Individual IT usage and group trends can be monitored and optimized for energy euiciency.

The Atos DDA measures the carbon emission of your IT function and how leveraging Microsoft Azure to further reduce carbon emissions.

Actionable insights

From the ambition workshop, questionnaire, interviews and measurements we extract actionable insight and present it visually as a spider diagram. The diagram reveals the gaps between your current maturity and your targets. Those gaps are central to defining pertinent actions that need to be undertaken on your roadmap.

The roadmap not only shows the actions but also presents milestones on your decarbonization journey across your IT domain. It describes short-term actions, for quick wins, and provides a structured action plan with timelines for advancing your maturity level in the midterm as well as the long run.

Work with the leader in digital transformation and decarbonization

Atos is widely known as a trusted partner for digital transformation. But did you know that our operations have been carbon-neutral since 2018? We're an A-lister in corporate sustainability circles and a leader among IT companies fighting climate change (per DJSI, CDP and MSCI). We understand the importance of reducing energy consumption. We know how to deploy IT to accelerate the pace of CO_2 reduction. And we're aware of what it means to sustainably transform operations.

See how our DDA can help your organization achieve its decarbonization targets and enhance its reputation.

Contact Abbas Shahim, Global Head of the Atos Decarbonization Practice, for more information.