



Leading-edge sustainable solutions

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For Atos, enterprise sustainability is not an optional extra. In order to be successful in business, Atos believes that sustainability needs to be at the core of its customers' corporate growth strategies. Competitive advantage nowadays stems from embedding sustainability into a company's activities leading to enhanced operational efficiency, reduced costs, better management of risks and compliance, optimised resource efficiency, and protection of the enterprise brand and reputation.

Applying its experience of guiding industry sectors and markets as well as its technology expertise, Atos guides enterprises in their journeys to transform into firms of the future. We approach this transformation by addressing all key levels: strategy, operations and infrastructure.

A key component for success in a modern sustainable world is the application of leading-edge information communication technologies which can help companies achieve sustainable growth models. Atos has designed a portfolio of solutions designed to meet all the key challenges of its clients.

€188,488,718

Total contract value of
overall sustainability offerings in 2013
[AO7]

€14,514,944

Total contract value
of digital citizenship solutions in 2013
[AO7]



Delivering growth through sustainability solutions

Atos applies a business-focused strategy to sustainability, providing enterprises with intelligent solutions to deliver clear business benefits as well as sustainable excellence.

Operational Excellence

To provide clients with the insights and tools to optimize individual processes and the entire process landscape, our Operational Excellence solutions are available in areas such as product life management, energy, water management and sustainability reporting.

People, Safety and Product Compliance

Atos solutions aim to improve controls and mitigate key risk factors, leading to improved reputation. They also safeguard handling of hazardous materials across the value chain and enable global working practices by ensuring compliance with international product regulations through integrated systems and procedures.

Risk Management Services

These highly proactive services identify threats before damage can be caused, keeping the entire environment secure. The services contribute to reduction of threat and increased data integrity and include Advanced High Performance Security, Vulnerability Management Services, assessment services, Identity and Access Management, Intrusion Detection and Prevention Management solutions.

Ambition Carbon Free

Atos has a unique offering of solutions to measure, manage, reduce and offset the carbon footprint of all aspects of its clients' business infrastructure. Since 2009, Atos has pioneered its ambitious Zero Carbon program with an innovative portfolio of energy and carbon management solutions for its clients. Atos is historically the first ICT company to provide carbon neutral hosting to its clients.

Business IT Infrastructure

The high value added of services delivered by ICT relies on an increasing consumption of resources, such as energy and IT equipment, to manage, store and access growing volumes of data. Atos' Business IT Infrastructure solutions provide the best level of service delivery with the lowest impacts on costs and environment.

Data Center Infrastructure Management (DCIM)

In the data center space, our strategic alliance with Siemens has resulted in the Atos DCIM solution which provides an integrated view of the 'total datacenter' and all its core systems. DCIM delivers real-time reporting, enhanced scenario planning, early intervention and rapid troubleshooting, enhanced asset management and better use of energy.

Market adoption

CHIRON

In 2013, Atos completed the research & development phase of the CHIRON system for remote patient monitoring. Together with other key partners in this project, Atos has played a significant role in developing a system to allow doctors to monitor and track chronically ill patients while at home and outside of the healthcare environment. The CHIRON project seeks to prevent acute medical episodes through tools enabling doctors to process physiological signs and real-time images using computer-assisted analysis. The system aims to improve decision-making regarding clinical treatment and will provide interoperability between devices and services related to healthcare, making it possible to store and manage patient data securely. Completion of the development program and pilot projects in Italy and the UK has opened the door to new applications which will enable healthcare staff to track and monitor chronically ill patients remotely, outside of the healthcare environment.

Carbon Assessment Reduction Analysis

This provides a methodical scan of existing datacenter facilities to identify areas of potential improvement for clients. Through our Green IT Analysis, Atos provides ways of using virtualization and other techniques to enhance energy and environmental IT performance.

Canopy

In addition to offering enterprise sustainability solutions on-premises, Atos offers many solutions in a Cloud environment, delivered through Canopy, the Atos company powered by EMC² and VMware technology. Many of Canopy's solutions can be offered in a preconfigured Cloud configuration on a Software-as-a-Service or Platform-as-a-Service basis. The anticipated benefits are substantial - IT cost reduction and capital expenditure avoidance through flexible pricing models combined with significantly increased levels of innovation and agility.

Canopy Compose

In 2013, Canopy launched Canopy Compose, its latest Platform-as-a-Service offering, created to Cloud-enable entire application landscapes, both existing and new. Canopy Compose's catalogue enables customers to migrate applications in a fast, easy and cost-efficient way to a pure Cloud platform, charged on a pay-as-you-go model, so that they can focus on business outcomes and innovation.

MyCity

The MyCity range of solutions enable governments and citizens to work together. MyCity creates new solutions for citizens to access services when and how they want - reducing service costs, increasing productivity and citizen satisfaction. Examples of MyCity solutions include E-traffic management solutions such as Universal Tolling System, Real Time Traffic Forecast and Low Emission Zone solutions as well as Atos Social Collaboration solutions including Zero email™ and Enterprise Content Management.

In 2013, Worldline showcased the Mobile Pass solution which was developed in a collaborative R&D project, Lyrics, to enhance the protection of users' privacy. Developed for the French Research Agency (ANR), this new technology revolutionizes the way a person can be mobile in full security and privacy, and aims to protect European companies' data while giving users freedom to access the internet.

Market adoption

ALFRED

Worldline is participating in the pan-European project, ALFRED, which is developing a mobile personalized assistant for elderly people so they can remain independent at the same time as facilitating coordination with their caregivers.

Connected Car

Renault R-Link is an integrated and connected multimedia system, specially designed to be used in a vehicle system. It aims to improve the user experience of the driver and customer relationships, implementing new services of contextual mobility. The integrated device allows to download all kinds of applications (music, weather, email, RSS, etc.) from the manufacturer's store and pay online. The driver can expand and customize the connectivity onboard the vehicle. The ergonomics and features of the system were designed to Renault R-Link system the safest in the market e-mobility for both the driver and the vehicle.



Driving sustainable progress for society

“The transformation of Gas Terra reached a new milestone in 2013 with the opening of its new office. When we visited the Atos headquarters near Paris, our executive team experienced the Atos new world of work in the context of a physical environment built to the highest sustainability standards and this was something we ourselves were keen to emulate.”

Johan Ståbler, Head of IT strategy, GasTerra

Smart Mobility

Atos provides mobile applications solutions as well as context-driven mobility services by market.

This offering includes consulting, design and usability, application development and testing, device management, and full service outsourcing, including billing mediation. These services can be delivered in transactional or in on-premises mode. In addition, Atos' Cloud-based mobile contextual services allow clients to capitalize on the contextual data they own which can be used in innovative mobile applications.

Smart Campus

Atos combines both digital and physical workplaces to provide its clients with adaptive and attractive working environments.

The Smart Campus package includes new working space design (such as open spaces and dedicated/desk sharing), providing useful services to employees (electric vehicles, online health platform, IT hotline etc.), delivering specific tools to facilitate their day-to-day work (e.g. follow-me printing, online meeting rooms booking), relying on remote collaborative tools (such as social enterprise network, unified communication) facilitating employee mobility and flexibility of working organization.

Smart Grid

The comprehensive Atos Smart Metering offering is the platform used for roll-out to 35 million smart meters in France.

With a system covering the entire process (counting billing, including customer relationship management), this Atos solution optimizes energy consumption while developing a sustainable and personalized relationship with customers.

Social Collaboration

Zero email™ drives organizations towards fully adopting the technologies of the future workplace.

Zero email™ encourages innovation, enhances business agility, and speeds up time to market for new services and products, by making social collaboration tools the cornerstone of an organization's IT landscape.

Market adoption

iCargo

Atos is leading the Intelligent Cargo in Efficient and Sustainable Global Logistics Operations (iCargo) consortium whose objective is the reduction of CO₂ emissions from improved efficiency of intermodal loading systems and the promotion of smart decision assistance systems. Launched in 2013, the iCargo project is developing an open architecture that allows existing systems and new applications to collaborate more effectively, leading to greater logistical, economic and environmental efficiencies. As well as leading the consortium of 29 logistics and supply management organizations, Atos is actively participating in the design and implementation of the iCargo platform components, particularly in relation to the Cloud infrastructure, semantic web services and Software as a Service concept, the business model design and coordination of the pilot projects.

Developing innovative sustainability solutions with Siemens

Interview / Kersten-Karl Barth, Director Corporate Sustainability, Siemens AG.

The strategic Alliance between Atos and Siemens was launched in July 2011 to maximize the combined strength of Siemens' products and solutions with Atos' foundation IT and business enabling IT solutions. Innovation in generating new, unique and competitive joint solutions for sustainability is a key part of the business partnership.

What is the Siemens' vision in relation to Sustainability?

Kersten-Karl Barth: As our history shows, our understanding of sustainability – the balance of economic, ecological and social aspects – is closely linked to our company values; to be responsible, excellent and innovative. From the start, Werner von Siemens insisted that his company fulfilled its responsibilities towards its employees, to society and to nature. To achieve excellence, to capture leading positions in the markets of tomorrow, and to develop innovative technologies that help ensure the future viability of modern civilization – this vision mirrors our motivation and our values.

Our Siemens Sustainability Program specifically translates this aspiration into concrete measures. We focus on targets and activities in three areas: Business opportunities, Walk the talk and Stakeholder Engagement. In the first area, we turn our approach to sustainability into concrete business opportunities. Walk the talk means we are committed to embedding sustainability throughout our organization and operations. In the third area,

we focus on collaboration with all relevant stakeholders.

Sustainability is a common value you share with your stakeholders. How important is this concept in your alliance with Atos?

Kersten-Karl Barth:

As part of our strategic alliance with Atos, we ensure that our sustainability focus brings value to our customers. Leveraging our respective expertise, Siemens and Atos have jointly developed sustainable solutions that help increase energy and capacity efficiency as well as reduce pollution. For example, the Data Center Infrastructure Management (DCIM) solution, jointly developed with Atos, provides a holistic view of realtime reporting, analysis and intelligence that enables optimization of energy and resources for datacenters. In the city space, our jointly developed Low Emission Zone solution enables cities to address rising pollution levels in designated areas. These solutions form part of many projects that have been developed through a €100 million joint investment fund set up with the aim of driving innovation.

To what extent is resource efficiency a key element of Siemens' business approach?

Kersten-Karl Barth:

Our customers often face the same challenges as we do ourselves: how can I be successful in the long term? Resource and energy efficiency as well as productivity topics play a crucial role in that. It is therefore very important to understand the business of

our customers, to respond to the requirements quickly and to prove our competence in solving these challenges. We do this with innovative resource and energy-efficient technologies, which provide our customers with a competitive edge, generate profitable growth for us and care for the planet.

Could you highlight your vision with concrete examples of solutions?

Kersten-Karl Barth:

We offer innovative products, solutions and services along the entire value chain of electrification which contribute to the protection of the climate and the environment. Our aim is a threefold benefit: for our customers who improve their competitiveness thanks to lower energy costs and higher productivity, for future generations, and for Siemens itself, by developing attractive markets and growing profitable. We have quite a number of success stories. Siemens has a total installed wind power fleet of 17,930 MW, of which 15,344 MW are onshore and 2,586 MW offshore. This fleet accounts for 45.75 Mt CO₂e abatement on average every year. Globally, buildings consume about 40% of primary energy and produce about one third of CO₂ emissions. Our technology helps increase energy efficiency and reduce emissions. Taipei's 101 has become the greenest skyscraper in the world with these applications. The use of innovative and perfectly tailored drive technology alone can bring energy savings of up to 70% in industrial production processes.



“As part of our strategic alliance with Atos, we ensure that our sustainability focus brings value to our customers.”



Optimizing client performance with our global ecosystem

By establishing a global ecosystem with partners who share similar ambitions on sustainability and who can deliver complementary expertise, we have produced a winning business model for Atos, for our clients and for society.

Bolloré

In 2013, Atos and Bolloré Group extended their collaboration on the MyCar project, Atos' fleet of electric 'smart' cars, to develop a system of provisional booking, together with a detailed reporting service on the use of the fleet. In addition, Atos launched a new initiative to test the electrical load devices (wall box) as part of an extension of the MyCar initiative in its datacenters located near Paris. The objective is to test this technology and to measure the added value of an electric fleet to the needs of managed services activities. At the end of 2013, Atos and Bolloré started to experiment with augmented reality technology on the Blue car in order to promote both Atos and Bolloré technologies. The result will be visible in 2014.

International Olympic Committee

Atos is the Worldwide IT Partner for the International Olympic Committee (IOC). The company has supported the Olympic Games since 2001 and the Olympic Movement relies on Atos to deliver flawless IT operations. This includes managing and securing the IT systems and integrating the people, processes and technology. Since Salt Lake City in 2002, Atos has been integral to making every Winter and Summer Olympic Games

a success, as was the case in the recent 2014 Sochi Winter Olympic Games. In 2013, the IOC renewed the contract until 2024.

SAP

Atos and SAP have set up a Global Partnership to help customers achieve their sustainability goals, operational excellence, profitable growth, and business continuity. SAP and Atos partner together to provide customers with state-of-the-art solutions based on cutting-edge expertise in the areas of sustainability and IT. A large part of the portfolio is available on demand as well as on premise. Atos runs a comprehensive Sustainability portfolio based on SAP software including environment, health, and safety management; risk management and compliance; sustainability reporting; and energy management. Through Canopy, the Atos Cloud company, Atos offers Enterprise Sustainability, including sustainability reporting.

Siemens

Enterprise Sustainability is a key driver of the business performance and the innovation excellence of the Siemens and Atos Global Alliance solutions. Building on their unique business partnership, formed to create a new breed of joined-up solutions, Atos and Siemens collaboration spans the field where technology and innovation hold the key for the businesses and Public Authorities of the world as they move toward a more sustainable and prosperous future.

In 2013, for example, Atos and Siemens jointly developed a single integrated barrier-free information system in the field of environment and mobility transport service. The barrier-free tolling system helps in particular to improve the flow of traffic on European roads. This Universal Tolling Solution, offers satellite detection paths through an On Board Unit installed in the vehicles, which allows instant recording of tolls. This technology combines geo-location and application to vehicles of a tariff repository in real-time, eliminating the need for vehicles to stop. It also detects any anomaly. Payment is strictly related to the number of kilometers traveled. Solution UTS is an innovative solution that dramatically reduces the time, operational costs and the environmental footprint of vehicle tolls.

AOS Studley

AOS Studley, a real estate consulting company, in partnership with Atos have been able to offer its customers an innovative end-to-end future workplace to optimize business performance in the form of its Smart Campus solution. The results-oriented solution handles the company's entire workplace transformation program, from real estate strategy to new working environments supported by high-level technology. The Future Workplace concept is part of Atos' Wellbeing@work initiative aimed at imagining new ways of working and intensively using new technologies while matching the social expectations of new generations of employees.

Partners in sustainability

“The companies I admire the most have long figured this out and run a business that is not only more profitable, but also more environmentally and socially responsible.”

Interview / Peter Graf Chief Sustainability Officer, Executive Vice President Sustainability Solutions, SAP.



“The question is not whether sustainability will become relevant to employees, customers, investors and business partners. The question is at what point will a company's leadership recognize the connections that already exist between their environmental, social and economic performance?”

What is your assessment of Atos' approach to sustainability?

Peter Graf: First of all, Atos is a leader in sustainability. I can say that with confidence, because Atos has won the SAP Pinnacle Award for Sustainability not just once, but twice in a row. The Pinnacle Award is SAP's most prestigious recognition of excellence in partnership, which in turn leads to superior value for our joint customers. The beauty of Atos' strategy is that it embeds sustainability at the very core of how the company creates value: the solutions they provide to customers. This is something we admire and aspire to ourselves. Thus, Atos' approach to sustainable success for itself and its customers is exemplary. Market success, reputation, and customer satisfaction are the results of this strategy.

How important is it for SAP that Atos as your partner has a sustainability strategy in place?

Peter Graf: The companies who are deciding to use SAP's market-leading sustainability solutions are doing so because they are committed to delivering economic, environmental and social value. Atos is helping many of our customers extract that value from SAP software, be it through implementation, hosting or other services. It is of great importance that Atos and SAP share more than a common business interest. We are driven by a common purpose of helping the world run better through technology. Our shared

customers and employees value and encourage that. It is, after all, why they have come to SAP and Atos in the first place. Having a sustainability strategy is going to be inevitable for all successful enterprises in the future. Best in class companies working together like Atos and SAP are the foundation of that future.

What are the main benefits you see from joining the International Integrated Reporting Council (IIRC) pilot which underpins the development of Integrated Reporting?

Peter Graf: SAP has embraced Integrated Reporting by publishing its first integrated report in early 2013. Our integrated report publicly discloses and puts into context our financial and non-financial performance. It served as a fantastic catalyst for engagement with both external and internal stakeholders. For example, socially responsible investors and customers demand that their investments deliver sustained value. At SAP, we have not only built an entire business around sustainability solutions. We have also saved €260 million through energy efficiency measures since 2008. Moreover, 89% of our employees support the statement that it is "important that SAP pursues sustainability as a strategic priority." This engagement has an impact on our innovation and growth opportunities as a company. You see, if you look at non-financial performance from a financial standpoint, the

business case for sustainability becomes crystal clear. This is what integrated reporting is about.

How can SAP in partnership with Atos help clients and society at large to address climate change in the next few years?

Peter Graf: As market leaders we understand that companies are pursuing different objectives by addressing sustainability concerns. Some companies are interested in complying with sustainability regulation to minimize risk, for example when it comes to reporting emissions to authorities. Our proven applications are their best opportunity to do so. Other companies strive to understand how they can optimize their processes to reduce the cost of energy, water or other natural resources. For them, sustainability solutions based on analytical capabilities are most interesting. And for the most advanced leaders, sustainability is an opportunity for business transformation. They embrace new business models using Cloud, Big Data, and mobile technologies to eliminate the need to create emissions in the first place, for example through a mobile carpooling app. All three approaches are complementary - they can all be used simultaneously to reduce pollution.