

PUT THE CAP ON IT



How Energy Conservation unlocks the power of change

Fuel to the fire

The Energy price shocks of the past two years remain with us. Wholesale prices are still around four times higher than they were in winter 2019-20. The immediate threat of blackouts appears to have passed, through rapid mobilization of gas storage and a fortunately warm winter. However, the structural issues that led to the energy crisis remain. And with government protection schemes being unwound in early 2023, now is the time for organizations to act.

Stakeholders now expect action from organizations. Customers expect businesses to be resilient and will quickly switch if operations are interrupted. Shareholders will expect a robust plan that protects their investment. Society needs organizations to participate in building a more sovereign energy system.

Harnessing Energy Conservation

This enables new thinking about how partnerships and ecosystems can be formed. Employees are critical to this implementation, committed people will drive the pace of change and the adoption of new solutions, this will start with simple changes like turning off lights, but will quickly develop into employee led transformations.

Directing energy where it matters most

The leaders of energy resilient organizations will address energy as a board and executive issue. They will have a deep understanding of where their energy comes from, how it flows through their organization, and what structural changes should be considered. It is time for senior accountability for energy to be clarified and the traditional split ownership across operations and procurement to be harmonized.

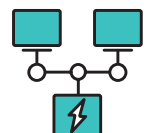
Optimizing Energy for Longevity



Energy Source



Energy Flow



Energy Infrastructure

Made to measure

Developing the capability for visibility and control of energy is an essential early step. The use of energy in every building, piece of equipment, and process should be tracked. Operational decision making will be informed by this information, and more sophisticated approaches will be developed to manage energy use. Our own experience shows that savings of above 25% are achievable.

Three keys to resilience

Relationships

How to create strong relationships with energy producers, networks, and suppliers, through mechanisms such as Power Purchase Agreements.

On-site solutions

Who to work with on development of your own solar, wind, and battery resources.

Flexibility

How to adapt and create value through more flexible use of energy, for example through participation in a demand response scheme.

Pumping Life Into CPR: Consumer Products and Retail Energy

Special Challenges for Consumer Products and Retail

Retail and Consumer Products are particularly affected by the current situation. The special nature of having to deal with many often very different locations and standards make the development of measures complex. At the same time, companies are confronted with a variety of legal or regulatory requirements.

Extensive investment is necessary to align with increasing requirements for sustainability and the elimination of CO2 emissions (e.g., charging infrastructure or installing photovoltaic systems). The fact that retailers are often not the owners of the properties brings additional complexity.

Complexity in the Supply Chain

The transformation of supply chains presents retailers and producers with major challenges. If companies are to achieve their ESG targets, topics such as energy efficiency and decarbonization will become increasingly important in the coming years. In this context, for example the lack of economic alternatives to combustion engines will pose a unique challenge. Monitoring and managing energy consumption along the supply chain is a task that few companies have taken on.

At the same time, consumer demands for sustainability are increasingly forcing companies in the CPR sector to look at efficient solutions. Furthermore, technology and IT solutions are increasingly being used in stores, resulting in additional energy requirements. This forces companies to be constantly on the lookout for more efficient solutions.

Overview, Transparency, and a clear Roadmap

Companies in the field of CPR need an overview of the multitude of requirements in order to optimize energy consumption in both the medium and long term. This will also enable them to achieve savings opportunities and plan for potentials: from self-production or alternative energy sources.

The industry needs to find solutions for a large number of sites with very different requirements (e.g., construction, official requirements, conditions imposed by local residents). The challenge is to find the right solution for each site, from the installation of PV systems to the installation of EV charging stations or solutions for peak load balancing.

This requires holistic approaches that take complexity into account and support the development of a clear roadmap for the next 5, 10 or even 20 years. Energy management is thus becoming a key differentiator in the CPR area, one that has

become essential for efficient cost management.

Capgemini leads the way

We work at the heart of energy in CPR. Our experts are already on this journey with organizations in all sectors, helping them build new resilient models. We have also developed our own advanced energy control center, which delivers significant savings. We combine our expertise in retail with energy sector experts, 600 of whom work for energy clients. We bring a deep understanding of how energy markets work and the impact this has on the CPR sector. We are also one of the first companies to have our net-zero targets validated by the Science Based Targets initiative's (SBTi) new net-zero standards and have retained our position on the 'A List' published by global environmental non-profit, Carbon Disclosure Project (CDP).

Get in touch

Find out how you can build a more sustainable and future-proof organization with Energy Conservation.

For more information, contact invent@capgemini.com

And scan the QR code to visit the Energy Conservation webpage's informative resources.





Tassilo Kiliass

Manager Consumer Products, Retail
and Distribution Capgemini Invent

Tassilo Kiliass has over a decade of experience working in Consumer Products, Retail, and Distribution. In his role leading a key industry player, he successfully implemented store interior improvements and renovations in over 1,900 stores. For Capgemini Invent, he manages the CPR and Distribution team out of Munich, Germany. Tassilo is an experienced retail expert with a passion for the future of commerce, including omnichannel transformation, process optimization, and operational change management.



Tobias Weisel

Head of Consumer Products, Retail, Distribution
and Transportation Capgemini Invent

Tobias Weisel has been advising leading national and international retail and consumer goods companies on increasing value for customers and shareholders for more than 15 years. He combines strategy, technology, data science, and sustainability. His segment experience includes grocery, fashion, furniture, consumer electronics, and DIY along the value chain, from product development to the point of sale.



Peter King

Global Energy and Utilities Lead Capgemini Invent, VP
Capgemini Invent

Peter King has spent over a decade with Capgemini Invent, which is where he has spent the last two years as Global Energy and Utilities Lead Capgemini Invent, VP. Peter's focus is on driving transformation by working with clients to define new ways of working, new operating models, and the transformation programs that will deliver change.

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