



# Destinations

RISE with SAP and exploring the vision  
behind business transformation

All Systems *Go*



# Inspiring *change* with purpose

**Transformation is fast becoming an overused word in the enterprise space. Particularly when you consider that continuing business change has now become business as normal, empowered by technological innovations – and demanded by shifting market dynamics and ever-changing customer expectations.**

Yet reacting to external conditions is arguably only a small part of the wider transformation picture. The larger component comes in the form of strategic ambition, and the target operating model envisaged by organizations to help deliver the resiliency, agility, and sustainability that's recognized as being critical to future business success.

The challenge however is in the pursuit of a quality such as 'agility'. A task that can quickly lead to distant, if not obscure and hard to realize business outcomes.

Which is why an increasing emphasis needs to be placed on the destination, and to detailing not just the value delivered but also the new future-state reality made possible.

This is a point that's particularly relevant when it comes to a large-scale transformation program like RISE with SAP, where the business value on offer is truly multifaceted in nature. Which is why it can be considered a proposition of pure potential, ready for each customer to exploit according to their own strategic imperatives.

Bringing this potential to life is the central theme explored over the following pages. Four destinations are set, and within each can be found a vision of the future state made possible by RISE with SAP – alongside the key steps to take in getting there.



### Destination 1

#### THE WORLD OF COMPOSABLE CLOUD ERP

Building a composable architecture that can adapt at speed to changing operational conditions



### Destination 2

#### DRIVING RAPID INNOVATION AND BUSINESS AGILITY

Introducing new capabilities and experiences at speed without disrupting the core



### Destination 3

#### LEVERAGING AI FOR GREATER PRODUCTIVITY

Boosting productivity and user experiences

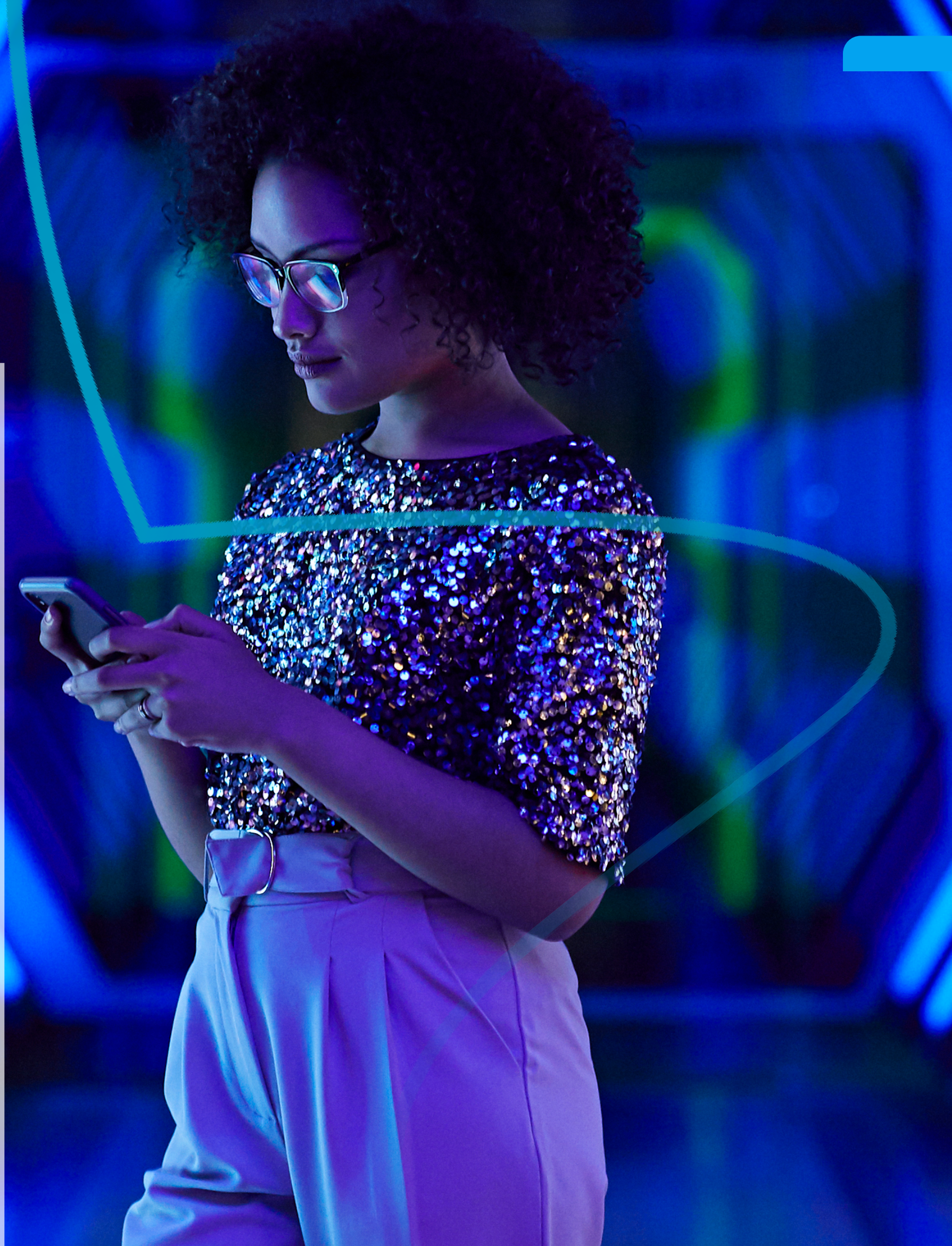


### Destination 4

#### A RENEWABLE AND SUSTAINABLE ENTERPRISE

Delivering a platform for achieving resilient and responsible growth





# The world of composable Cloud ERP

With composability comes the idea of building blocks. A modular set-up that enables businesses to assemble, reassemble, and extend their processes dynamically in the cloud to rapidly meet new challenges or opportunities.

What's more, within a composable architecture individual components can be swapped in and out to address increasingly specific operational functions. A position made possible by a highly scalable data and integration platform that reduces the effort involved in transforming processes.

In the context of RISE with SAP and composable Cloud ERP, reaching such a destination means best-in-class process orchestration – and being able to create end-to-end processes from individual building blocks before executing them directly.

The result is an approach to business process management that extends across the full lifecycle of design, execution, analysis, and optimization. Moreover, it enables the composition of end-to-end process flows and automated execution – when AI technologies are introduced into the DevOps mix.

This is particularly relevant given the fact that no one-size-fits-all ERP system exists to meet the industry-specific and functional requirements demanded by customers. Instead, this destination is about a dynamic environment for configuring and extending processes – while maintaining complete end-to-end consistency along the way. Outcomes made possible by an extensive array of modular blocks that enable users to change and adapt processes with minimal involvement from IT. A combination of control and focused simplicity that is critical for enabling:

- **Business resiliency** – through the creation of architectures that empower the building and consumption of processes in a composable fashion, and orchestrating them across system boundaries
- **End-to-end process integration** – via a reconfigurable system of interoperable business capabilities
- **A faster and simpler way to compose/recompose processes** – supported by the dynamic scaling available from cloud platforms

### Direction of travel:

- Architect the business for real-time adaptability in the face of constant market disruption
- Reduce high costs of ownership and unsustainable levels of system customization
- Limit complexity with technologies that simplify both deployment and user experiences

# Key stages on the journey

## 1 Determine change

The transition to a composable architecture begins with a deep analysis of the existing installed base solutions, and the switch to a Multi-Pillar SAP Architecture that can decouple the traditional ERP monolith into smaller, manageable parts.

Once each candidate for composability has been identified, these can then be built and tested to ensure they're able to interoperate and communicate effectively together. It's here that delivery and change management considerations should also be factored in.

## 2 Architect modularity

Composability also demands the modernization of a monolithic ERP architecture into a reference architecture that's able to support the creation, curation, and dynamic reassembly of all individual components.

Such capabilities are typically delivered via a phased approach and based around the fundamentals of service-oriented architectures. The result is a level of modularity that can service a new, multi-disciplinary audience of 'democratized composers'.

## 3 Cloud transformation

The cloud is essential to composability, thanks to the native technology it brings and the way it helps modularize the resources needed to enable delivery, component availability, and massive scalability.

Moreover, the cloud model also supports all types of application forms – from client-server to microservices and APIs – and every type of composable technology. The goal being to introduce into the SAP paradigm the right balance of SAP and cloud-native technologies, amplified by low-code/no-code ways of working, to solve business challenges.

## 4 Composable thinking

Composability is a fluid arrangement that can't be held back by legacy mindsets. Instead, it calls for attitudes that embrace transformation, where every capability is designed to change from the very outset – and where any application that's unable to evolve is considered part of an organization's technical debt.

In this environment, modularity is championed as a competitive advantage. A quality that also pervades people and processes, which in turn helps breed a new culture and new behaviors as the associated risk is assessed, contained, and controlled.



# Driving rapid innovation and business agility

The destination of rapid innovation and hyper-agility brings with it the capabilities needed to become adaptive by design and super responsive to any emerging opportunity. In this reality, attention is shifted to the cloud, and building more meaningful connections with customers, partners, suppliers, employees, the shop, factory, research facility, and distribution center.

The cloud is a platform that provides a powerful source of innovation because of its potential to address the limitations of traditional products and practices for accelerating innovation efficiency and velocity. It's essentially 'out there' in the field, where up-to-date data needs to be collected, securely shared, analyzed on the spot, and used to inform decisions on the fly – without being dependent upon a distant corporate backbone.

As for the practical, day-to-day experiences this enables for users, and the integrated capabilities now available at their fingertips, these include:

- Data analysis that extends across the full range of IoT 'things', and combines powerful analytics tools and AI algorithms to turn this data into immediate action
- Full data integration, with users able to bring SAP and non-SAP data together in Microsoft Synapse and Fabric for faster analysis across the enterprise
- Business process automation with a low-code/no-code platform that enables users to simplify processes and Integrate GenAI capabilities into them (Chatbots, GenAI Enterprise models, etc.)
- Support for modern, agile application development with continuous integration / continuous delivery (CI/CD) and GenAI-assisted development

### Continuous agility

Another characteristic of this destination is the support it offers for continuous delivery. By extending and simplifying SAP processes, the composable cloud ERP is fully aligned to the needs of developers to get changes – including new features, configurations, bug fixes, and experiments – into production safely, quickly, and in a highly sustainable way. This is a competency that also contributes to business agility by making deployments predictable, routine affairs that can be performed on demand and at the speed of opportunity.

### Direction of travel:

- Enable innovation and continuous delivery
- Empower application development and process optimization with cloud capabilities including Generative AI (GenAI) and low-code/no-code
- Quickly adopt new technologies without a fundamental redesign of the core



# Key stages on the journey

1

## Intelligent automation

Rapid innovation and hyper-agility are closely connected to business process automation. Therefore, one of the first steps to achieving the goals is the introduction of more intelligent automation, combined with GenAI, that enables users to extract maximum value from their SAP data – while discovering new ways to reduce costs and improve productivity.

2

## Modernize the innovation process

This is an activity that starts with process modeling to help understand and optimize workflows. The resulting insight offers an objective view of processes as they exist in practice, including key data or events that could potentially have gone unnoticed.

The outcome of business process modeling, when allied with Digital Twin technology, provides data-driven visualizations of each individual workflow. As a result, any gaps, inefficiencies, and opportunities can be identified to help streamline the innovation process.

3

## Build on the familiar

Speed to answer and speed to response, critical measures for innovation and agility respectively, demand a close connection between SAP data and the workplace tools employed by users. Yet equally, the task is also to elevate these capabilities with the introduction of AI/GenAI to help accelerate business process efficiency.

As an example, the integration of widely used tools, such as Microsoft 365 with SAP solutions, opens the door to embedding Microsoft Copilot – the AI assistant that helps individuals create faster.

4

## A nimble platform

Innovation today is increasingly based around quick-build apps, enabled by cloud technologies. Hence the focus on co-innovating in the cloud and utilizing existing systems in a scalable way. This is nimble thinking, based around an ‘innovation layer’ (delivered by solutions such as SAP BTP and Microsoft Power Platform) that enables developers to experiment outside the clean core. Exploiting the full potential of this platform, and placing it within a wider ecosystem of robotics, RPA, Machine Learning, and AI/GenAI, enables users to open up a world of new opportunities.



## Leveraging AI for greater productivity

Organizations know they've reached this destination when they can apply GenAI for SAP to deliver value in two distinct areas:

### Enhancing user productivity

- Microsoft 365 Copilot GenAI is integrated with SAP business software solutions, with the output facilitating a more intelligent and intuitive user experience
- With an ability to interpret real-time data from across the business, organizations have access to push/pull AI recommendations to help streamline processes and inform decisions at the point of maximum impact
- The employee experience is also elevated through automation of manually intensive tasks, and the integration of Microsoft Teams which enables users to focus on more strategically valuable activities
- Smarter, more cost-effective operations are stimulated by AI insights into key operational areas such as customer trends and supply chain performance – thereby driving improvements in predicting demand, improving quality, and maximizing process efficiencies

### Reducing time and effort

- AI availability, available via GitHub Copilot and the AI SDK for ABAP, helps minimize workloads and reduce the timeframes associated with SAP projects through the implementation of SAP Accelerators
- The constant flow of data and recommendations made available help streamline operations, enhance team productivity, and shorten time to value for completing SAP projects
- AI-generated code, optimizations, incident analyses, and requirement specifications, are an 'always-on' feature of DevOps, and inspire both quality and efficiency
- Increased speed of development also sits at the heart of cloud modernization initiatives, helping accelerate the roll-out of new services while reducing SAP technical debt
- The ability to enhance migration productivity with GenAI can be demonstrated in selective data transitions

### Applied inspiration

With a strong culture of embedding AI to free up human ingenuity, organizations quickly learn to operate hand-in-hand with the automated capabilities on offer. From digital assistants helping improve knowledge management and tools for collecting data, to generating images and editing video, the applications of AI are myriad – and play an ever-important role in powering the on-going digital transformation agenda.

## Direction of travel:

- **Make AI more accessible to a wider range of users**
- **Simplify the creation of new AI models and algorithms**
- **Reduce the cognitive load of manual processes through intelligent automation and digital workplace integration**



# Key stages on the journey

## 1 A dynamic platform

AI capabilities begin with the enablement of a highly scalable machine learning operations (MLOps) platform to orchestrate the collection of artifacts, compute infrastructure, and processes needed to deploy AI models.

MLOps platforms also help remove DevOps barriers for data scientists, by providing access to the dedicated, high-performance GPUs (optimized for virtual machines), high-bandwidth memory, and fast networking needed to accelerate model development.

## 2 Free the flow of data

Any AI workload is only as good as the data it can access. Future progress is therefore tied to the delivery of a unified, end-to-end analytics platform capable of bringing together all the data needed to build sophisticated AI models.

The key requirement at this stage is a unified architecture that enables GenAI and language model services, which in turn support the creation of organization-specific AI experiences that are powered by a constant supply of clean data.

## 3 Mitigate data risks

Managing data sovereignty has become more difficult as data sources become increasingly fractured across multiple locations. A challenge made more complex by the laws existing in different countries that cover how data is collected and processed.

Moving to the cloud is therefore an important step for overcoming the issue, as the right hyperscaler can ensure compliance with all government and industry requirements. In addition, the hybrid- and multi-cloud configurations available also ensure the presence of appropriate security and data geofencing to meet all local regulations.

## 4 Simplify governance

The ability to apply a hybrid strategy to MLOps is another important step for breaking down silos between environments to run data science workloads – particularly when it comes to optimizing cost and performance.

The principal outcome here is to capitalize on the strengths of different environments regardless of location, while governing data science in a single system-of-record to ensure tracking, operational efficiency, and replicability across the enterprise.



gettyimages®  
Credit: Andriy Onufriyenko

## A renewable and sustainable enterprise

As the final destination point, the Renewable Enterprise both consolidates and expands upon the previous objectives already detailed. Once reached, an organization has in place the culture, processes, and technologies needed to enable continuous transformation while protecting core business-critical processes.

The result is the 'always-on' optimization of operational conditions to drive forward strategic goals for performance, innovation, and sustainability. What's more, we've placed RISE with SAP at the digital core of the Renewable Enterprise to further inspire on-your-terms and on-your-timeline transformation.

As for the day-to-day reality of working within a Renewable Enterprise:

- Users have simplified access to all the core tools – from AI and embedded analytics, to DevOps, cloud architecture, and Microservices – to unlock new business value
- The ability exists to adopt ‘fit-to-standard’ solutions, keep the core clean, and to develop customizations to accelerate the deployment of new capabilities
- Market conditions and customer needs are analyzed in ever-greater detail, with the insight used to anticipate and exploit emerging opportunities

### Delivering an SAP architecture for sustainability

The Renewable Enterprise turns sustainability from a reporting topic to a dedicated roadmap for re-engineering processes and re-architecting IT solutions to secure a net-zero transformation. Drawing on real-time insights from the end-to-end SAP estate, the sustainable architecture delivers the data platform needed to measure carbon footprint, water usage, waste creation, and other fundamentals important to society or the economy to ensure sustainability is factored into every business decision.

**Data capture** – Collect insight from sites, production plants, partner ecosystems, third party ESG Data Lakes, and more. (Industry 5.0, 5G, IoT, Digital Twin, Industrial Metaverse)

**Sustainable IT** – Ensure green IT with a cloud IaaS, PaaS, SaaS Architecture, and apps modernization

**Sustainable Operations** – Deliver business processes that are fully aligned to the needs of a sustainable supply chain and the circular economy

**Data processing** – Operate from a sustainability data model that fuels the calculations layer with SAP and non-SAP data

**Data insight** – Provide regular and actionable reporting on carbon, water, waste, and other core metrics to regulators and key internal stakeholders

**Always-on compliance** – Guarantee alignment with laws, industry standards, and reporting requirements

### Direction of travel:

- Build from an agile enterprise that can transform rapidly to changing market dynamics
- Translate customer needs and wants into positive business outcomes
- Shape your architecture to support on-going sustainability objectives



# Key stages on the journey

1

## Adopt standard

With the RISE with SAP implementation approach, it has become easier to transform with a ready-to-use system already loaded with specific industry or line-of-business solutions – or with a custom solution that contains the stand-out components from third-party tools.

It's here that cloud platforms offer a modern technical backbone upon which business solutions, processes data, and customizations are orchestrated and executed – via the consumption of API and microservices, etc. Hence the value of partners who offer a proven methodology for increasing the extent of standardization in any solution.

2

## Streamline processes

The Renewable Enterprise is built around workflows, which places the emphasis on process mining and data discovery – utilizing tools like SAP Signavio – to streamline and measure the ESG performance of business operations, processes, and partner ecosystems.

At the same time, it's also important to fully scope the existing software estate, using a tool like LeanIX to shape a sustainable architecture by mixing and matching SAP and non-SAP solutions to deliver an ideal blend of capabilities – while maximizing employee and customer experiences.

3

## Keep the core clean

Standard solutions can't of course meet every unique business requirement. Which is why the next step is to adopt fit-to-standard, while also being able to develop business-critical customizations in the right systems.

Mastering this step requires the utilization of standard functions within the core SAP platform, and utilizing extensions such as SAP BTP and Microsoft Intelligent Cloud. An approach that supports future development strategy while keeping the core simplified.

4

## Innovate on the go

Innovation can't wait for ERP modernization to be over before it begins. As part of the Renewable Enterprise, innovation is built into the cloud platform from the very beginning, including a wide array of industry and workflow-specific use cases.

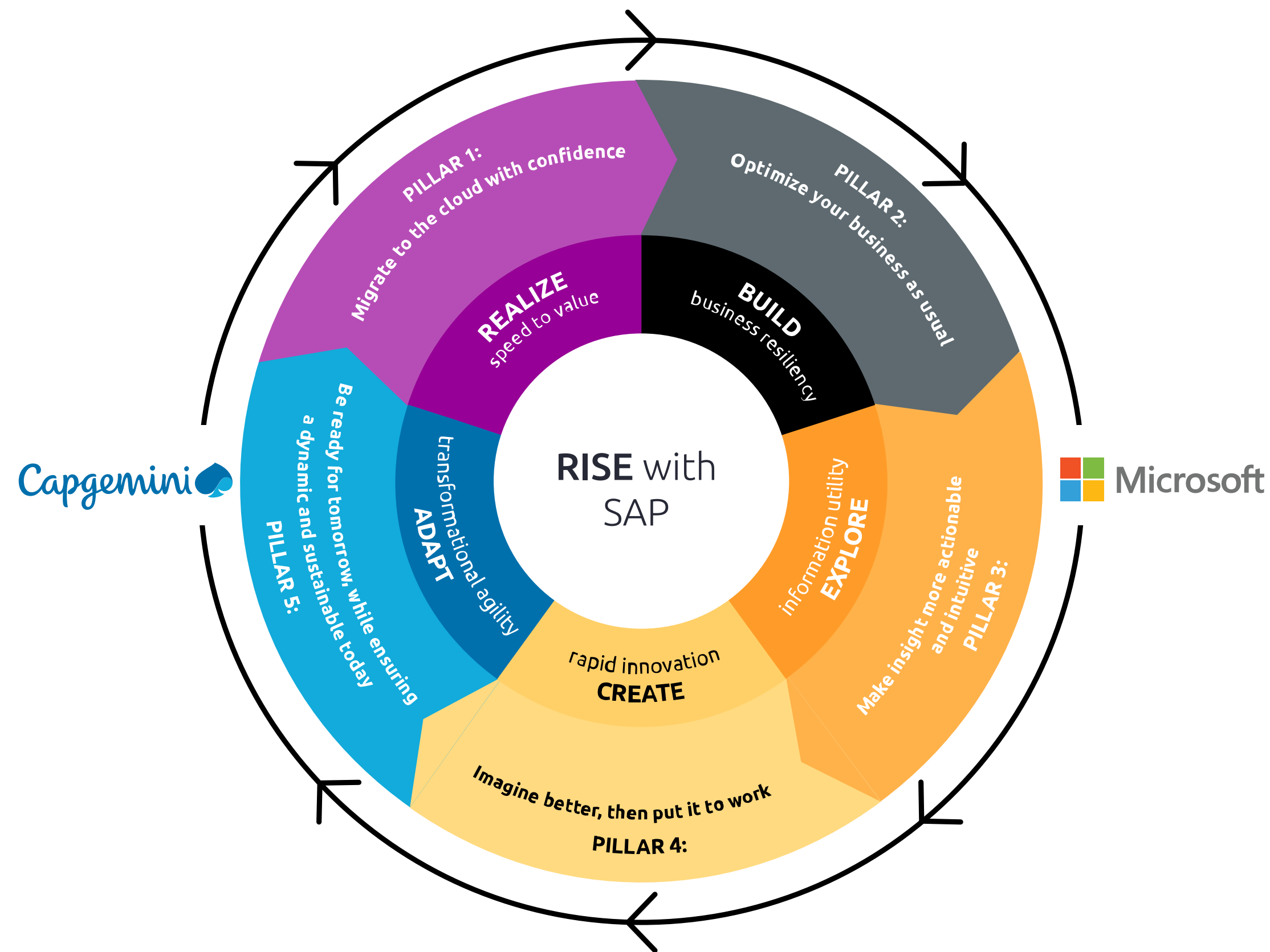
RISE with SAP is the ideal opportunity for re-architecting the enterprise, and with the Renewable Enterprise comes the agility needed to introduce new capabilities at speed and scale – either as a phased approach or as part of an organization-wide change program.

# All systems go

with Capgemini and Microsoft

## Delivering on the practical and strategic benefits of RISE with SAP

The partnership of Capgemini and Microsoft delivers the methodology, solutions, capabilities, experience, and deep industry expertise needed to help drive your transformation success and exploit the full potential of RISE with SAP. Our combined offering helps advance our client's business transformation agenda, enabling them to select their preferred entry point and the delivery of distinct value outcomes:



## REALIZE

- Minimize operational and financial risk
- Accelerate speed to value in SAP migrations
- Deliver a cloud architecture built for sustainability

## BUILD

- Safeguard users, data, and infrastructure in the cloud
- Create from a truly composable architecture
- Drive efficiencies across the IT estate

## EXPLORE

- Reduce data complexity to speed time to insight
- Enable users to exploit both their SAP and non-SAP data
- Streamline insight discovery with generative AI

## CREATE

- Rapidly create new services and business models
- Innovate without disrupting mission-critical systems
- Accelerate the introduction of new technologies

## ADAPT

- Constantly transform on a clean SAP core
- Modernize your application experiences
- Future-proof with a scalable SAP RISE platform





- Global SAP partner since 1993
- Most accredited SAP partner, with 29,000 SAP Consultants
- Microsoft SAP on Azure Partner of the Year 2023
- #1 SAP S/4HANA partner in Europe
- Technical Managed Services for managing RISE environments on behalf of SAP



- 30-year partnership with SAP
- More than 60% of SAP customers choose Azure
- Most RISE with SAP customers run on Azure
- 60+ Azure regions and 120+ Azure VMs certified for SAP
- A wide range of connectors between SAP and Microsoft services



Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided every day by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of nearly 350,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering, and platforms. The Group reported in 2022 global revenues of €22 billion.

Get The Future You Want | [www.capgemini.com](http://www.capgemini.com)