

ERPsim is a business simulation running on a live SAP S/4HANA system. Played in teams of 3 to 5, participants compete in a simulated marketplace where they strive for operational excellence and beat their competitors. Using SAP Fiori transactions, real-time analytics and optional machine learning, players experience realistic end-to-end enterprise processes and the impacts of their decisions on business outcomes.

Effective with executive stakeholders, project teams and end-users, **ERPsim** does not require any prior SAP knowledge and comes with embedded step-by-step help. Whether assessing the latest SAP solutions, planning an implementation, or to motivate your teams, **ERPsim** helps you provide focus and alignment on your digital transformation goals.



The Sustainability Simulation

ERPsim for **Sustainability** highlights the decisions organizations can make to promote sustainable practices while showcasing the power of the SAP Product Footprint Management solution.

In the **Sustainability** scenario, participants see the carbon emissions impact of their operational decisions (replenishment cycles, transportation, supplier selection). With this information, they must strive to optimize profitability and minimize carbon emissions in a competitive marketplace. This scenario is effective at raising awareness at the enterprise level on how operational decisions play a role in sustainability best practices.

There are 3 versions of the **ERPsim Sustainability** scenario; **Short**, **Standard** and **Advanced**. In **Sustainability Short** and **Sustainability Standard**, participants sell two types of energy drinks -- one brand sourced internationally, representative of typical commercial products, and one brand that is local, organic, and more sustainable.

In **Sustainability Short**, participants manage sales, marketing and procurement operations of their virtual company. This scenario provides an introduction to the concepts of carbon footprint monitoring, in a simplified and shorter simulation.

In **Sustainability Standard**, participants manage the distribution of their products across a more complex logistic supply chain. They have the option to supply and sell from regional warehouses closer to their customers, or directly from a main central warehouse. This provides the teams with more decision points to impact their carbon footprint and differentiate themselves from the competition.

In **Sustainability Advanced**, participants sell dairy products. They are provided with the choice to procure their products from a supplier with advanced sustainable production practices, or from a supplier with higher carbon emissions. As with Sustainability Standard, they need to manage the inventory levels of regional warehouses. This more complex scenario is designed for more experienced participants.

From the onset, participants can access the SAP Product Footprint Management solution to monitor scope 1, 2 and 3 carbon emission costs. Participants leverage the rich analytics from the SAP Product Footprint Management solution to track their carbon footprint across the entire supply chain.

In the later rounds, participants can enable Machine Learning bots to provide decision support for their specific role, or even allow the bot to execute tasks on their behalf, providing a practical introduction to modern machine learning capabilities in enterprise systems.

Technical Requirements

ERPsim is completely web-based, so there is no software installation or configuration required. The simulations can also be played on-site or remotely where all the participants are connected through a conferencing software that has a breakout room feature, such as Zoom, Microsoft Teams or WebEx.

An ideal session consists of 10 to 25 participants, supervised by at least 1 certified instructor. For larger groups, more instructors can be brought in, or coaches can be trained.

To participate in the simulation, participants only need access to an internet browser on their PC, laptop and other electronic devices, with the latest versions of Google Chrome, Microsoft Edge or Safari.

The simulation runs on SAP S/4HANA and the SAP Business Technology Platform, used by companies all over the world. It is also possible to play the simulation with SAP GUI or WEB GUI and then transition to Fiori, allowing participants to compare both user interfaces.

Target Audiences

The **Sustainability Short** scenario is best suited for high-level awareness sessions as well as executive audiences.

The **Sustainability Standard** scenario is recommended for most audiences, providing you allow enough time to complete the simulation. This scenario is well suited for Project teams and Change Management sessions.

The **Sustainability Advanced** scenario includes a higher level of complexity and should be reserved for experienced groups. It is suitable for End-User training, New Hires and other participants wishing to develop analytical competencies.

Value



ERPsim provides an **authentic business experience**. Participants learn more than the points and clicks of SAP transactions: they see how information flows, process collaboration and the intelligent use of technology create value.



ERPsim is a **holistic learning environment** comparable to a flight simulator. By accelerating time, fostering competition and simulating interactions with business partners, ERPsim provides an engaging experience that makes it stand out from typical system demos or training.



ERPsim showcases the **latest SAP technology**, from user interfaces, cloud integration, real-time analytics and machine learning. It accelerates the technology discovery process and allows organizations to test out innovations.

Sustainability Short

Duration: 1h 30 to 2h

In this scenario, it is recommended to do 3 rounds of 10 to 15 minutes each. You could run a fourth round if time allows.

Agenda

- 20 min. Overview and Instructions
- 10 min. System Intro (login, short navigation, etc.) and R1 concepts
- 15 min. Play R1
- 15 min. Short debrief of R1
- 15 min. Play R2
- 15 min. Break, Short debrief of R2
- 15 min. Play R3
- 20 min. Final Debrief

Sustainability Standard

Duration: 2h 30 to 3h

In this scenario, it is recommended to do 3 rounds of 15 to 20 minutes each. You could run a fourth round if time allows, but the first 3 rounds are crucial for participants to grasp the different transactions, business rules and processes of this simulation.

Agenda

- 20 min. Overview and Instructions
- 10 min. System Intro (login, short navigation, etc.) and R1 concepts
- 15 min. Play R1
- 15 min. Short debrief of R1
- 15 min. Play R2
- 15 min. Short debrief of R2
- 15 min. Play R3
- 20 min. Final Debrief

Sustainability Advanced

Minimum time: 3h

In this scenario, it is recommended to do 4 rounds of 15 to 20 minutes each. This will give enough time to allow participants to grasp the complexity of this simulation.

Agenda

- 20 min. Overview and Instructions
- 10 min. System Intro (login, short navigation, etc.) and R1 concepts
- 15 min. Play R1
- 15 min. Short debrief of R1
- 15 min. Play R2
- 15 min. Break, Short debrief of R2
- 15 min. Play R3
- 25 min. Break and Short debrief of R3
- 15 min. Play R4
- 20 min. Final Debrief

