Business Builders

Sustainable Investments (ESG Scenario)

SAP Month of Learning

June 5th, 2025

ERPsimLab
HEC MONTRÉAL | Business Builders | Serious games to learn enterprise systems and business analytics

Agenda

- Introduction

- Sustainable Investments Scenario

- Demo and Hands-on Activity

- FAQ and Final Words

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Business Builders

Gamified approach to teach Data Visualization skills

SAP · **HEC MONTRÉAL**

- SAP and ERPsim Lab Collaboration
- Enhanced visualization and data storytelling skills
- Scenarios driven by data, which replicate real-world business challenges
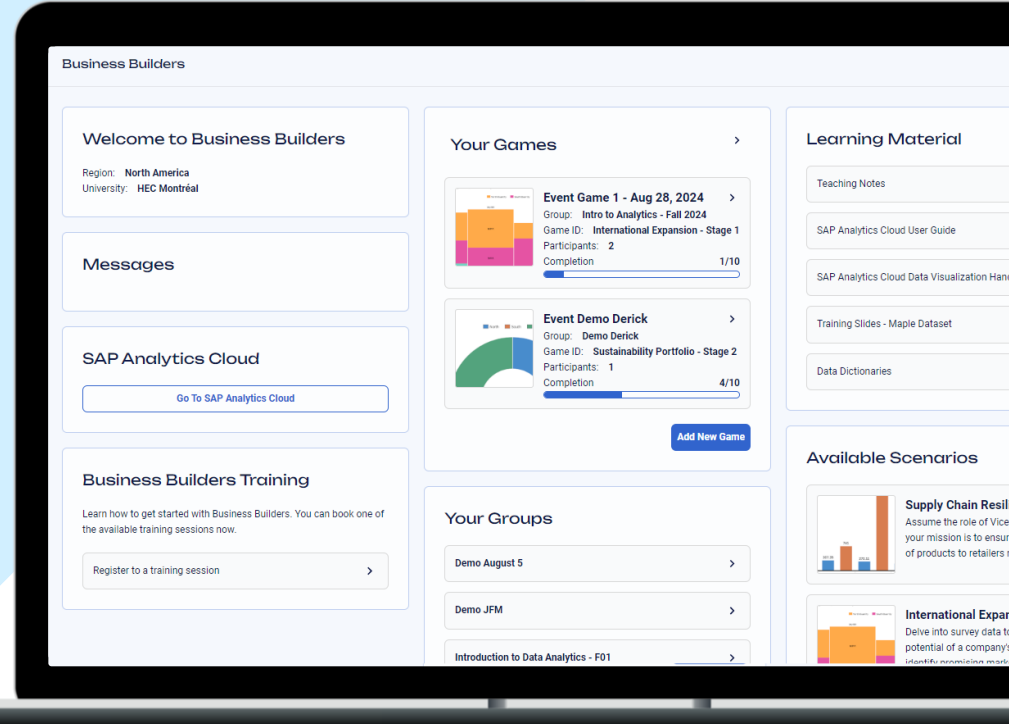- Easy to learn and adopt in your classroom
- Gamification & competitive elements
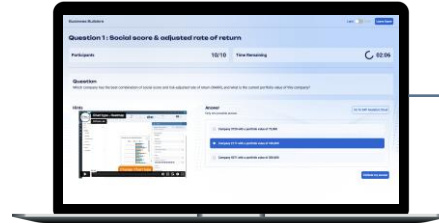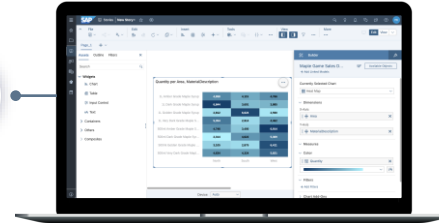- Free, cloud-based offering for educators and students around the world

Business Builders Overview

Gaming Platform

SAP Analytics Cloud

Scenarios

Build your Own Visualizations

1	**2**	**3**
Supply Chain Resilience	**International Expansion**	**Sustainability Portfolio**

New | Use Pre-built Visualizations

4	**5**
Sport Management	**Maple Heir**

Discover Game Scenarios: Build visualizations

■ **Choose the scenario that suits you best for teaching:**

Supply Chain Resilience

A toy company is seeking to enhance its supply chain resilience to better mitigate risks and improve reactivity when responding to crises.

International Expansion

A German-based Muesli cereal company wants to expand their business internationally.

Sustainability Portfolio

A financial institution is reassessing its investment strategies to align with a new policy requiring consideration of the ESG performance when investing in companies.

■ **Overall learning objectives:**

- Create Effective Data Visualizations
- Acquire Technical Data Visualization Skills
- Acquire Critical Thinking and Problem-Solving Skills

■ **Scenario Structure:**

- Several stages to the storyline
- Each stage has 10 business questions
- Increasing difficulty

Sustainability Portfolio

Sustainability Portfolio Scenario

Financial institution that offers and manages investment portfolios is adopting new ESG policies.

New Investment Policy:

- We need to consider the ESG score of companies we invest in

- If a company does not match our criteria, we will remove it from our portfolios

The new ESG policies are based on the <u>S&P Global Corporate Sustainability Assessment</u> (CSA) framework.

Why use this framework?

- CSA is used for over 10 000 companies globally.

- Comprehensive and detailed evaluation, industry-specific criteria, integration with financial metrics, market recognition, continuous improvement and alignments with global standards.

Student Role – Financial Analyst

- **Your students will take on the role of a Financial Analyst :**

    - Review investment portfolios

    - Make recommendations about whether the companies align with the firm's new ESG-focused investment criteria.

- **Learning objectives for your students in this scenario:**

    - Identify and navigate through different levels of ESG such as level, dimensions, criteria

    - Visualize complex queries using the right chart type and additional features

    - Differentiate between financial measures such as (RARR) and ProportionalRARR

    - Analyze and compare companies within investment portfolios

    - Assess complete investment portfolios

3 Stages of Sustainability Portfolio

Stage 1

The financial institution needs to review their existing investment portfolio to align to the new ESG policies.

- Explore an investment portfolio and understand its new ESG requirements
- Analyze the companies in the portfolio and identify those that are ineligible

The financial institution wants to create a new ESG investment portfolio for their clients.

- Assess all 6,254 companies from different countries and different industries to discover trends
- Identify and recommend the best new ESG portfolio opportunity

Stage 2

The financial institution needs to review a complete portfolio evaluation project.

- Study the new ESG requirements and transactions history of a specific portfolio
- Analyze the companies in the portfolio and identify those that are non-compliant
- Review all 6,254 companies evaluated and propose the next best investment decision

Stage 3

Datasets of ESG Investments

For this scenario, you will have access to 4 datasets:

Query 1 – Investment Portfolio 02 Summary Data

Contains an investment portfolio and data on 11 different companies

Stage 1

Query 2 – Company ESG Evaluation 2023

A comprehensive dataset of 6,254 public companies' ESG evaluation

Stage 2 and 3

Query 3 – Investment Portfolio Requirements

A list of investment portfolios and their ESG requirements

Stage 3

Query 4 – Investment Portfolio History

A history of all transactions in the different investment portfolios

Stage 3

Demo and Hands-on Activity

Learning Journey & Resources

Business Builders Learning Journey

Foundations

Resources
- Get Started: How to Video
  - Teaching Notes
- Free Online Course
- Refresher Sessions

Skill Building

SAC Training using Maple Game Exercise
- Exercise Slides
- Tutorial Videos

Scenario-Based Learning
- Scenarios Specific Slides
  - Questions/Solutions

Webinars
- Showcase Business Builders scenarios
- Community Engagement

Active Teaching

Setup
- Create groups, and events

Preparation
- Ensure student connections and account creation

Event Initiation
- Start the game and wait for student participation

Question Loop
- Activate questions, collect answers, show solutions, and display rankings

Completion
- Show final rankings

Feedback Loop

Question-Specific Feedback
- Gather detailed feedback on each question to refine and improve future iterations

Where to find the resources?

Materials for **Instructors**

Materials for **Participants**

For instructors:
Scenario Specific
Slides including
Questions/Answers

For instructors:
Schedule a training
session

Frequently Asked Questions

Frequently Asked Questions

Business Builders

How long the registration lasts for Educators and Students?

Is there a limit to the number of students per group?

How often are the scenarios refreshed?

Is it possible to play the game asynchronously?

How long it takes to play one stage of a game? Can a game be stopped and resumed?

SAP Analytics Cloud (SAC)

How long the registration lasts for Educators and Students?

Is it possible to access other datasets or create (live data) connections?

Are the datasets downloadable? Can instructors upload their own data?

Which browsers are supported?

Frequently Asked Questions

Educator Journey

How long it takes to learn Business Builders and SAP Analytics Cloud?

Is training provided?

Can instructors add their own questions/scenarios to the platform?

Do you I need to play all the stages?

Can I skip stage 1 or 2 and play only stage 3?

Students Journey

When should students be invited to join a group in order to create their accounts?

What are the prerequisites to start playing a game scenario?

Is training provided?

How to report the activity and results?

Announcements

Next week:

Thursday June 12, 2025, at 10 am ET

Two New Scenarios:

The Agent Game: presented by Olivier Caya

The Maple Heir Game: presented by Michael Bliemel

2025 User Group Meeting

Save the Date:

August 11-13, 2025

At HEC Hélène-Desmarais (downtown) campus
Montréal, Canada

Note that **AMCIS 2025** will also happen in
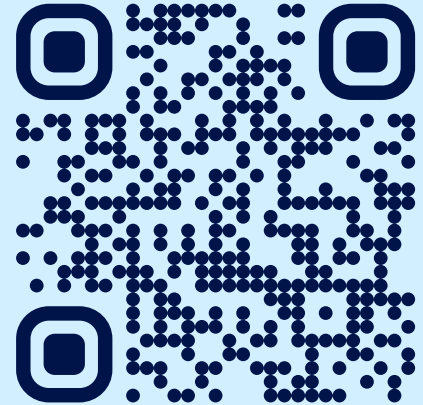Montréal on August 14-16, 2025!

Q & A

Business Builders

Get engaged and bring it to your classroom!

Thank you!

- ✓ Free of charge
- ✓ No membership needed
- ✓ No programming or experience required

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Scan the QR code and start your game today!

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