



Material use and impact quantification

Role-Play Simulation: Project Coordination Challenge



Co-funded by
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.
Project number: 2022-1-DE02-KA220-YOU 000085086

Duration

60 minutes

Materials:

- Role cards (describing different roles within a team)
- Scenario briefs (outlining a project that requires interdepartmental coordination)
- Project planning templates
- Timer
- Whiteboard and markers

Goals:

- To develop and practice coordination and management skills in a simulated business environment.
- To enhance understanding of the challenges and complexities involved in managing interdisciplinary projects.

Why Do This Exercise:

This exercise immerses students in a realistic scenario that requires them to coordinate across different functional areas, helping them understand the importance of clear communication and strategic planning in business settings. It also encourages them to apply theoretical knowledge to practical situations, fostering a hands-on learning experience.

Instructions Step by Step:

- **Introduction and Role Assignment:** Briefly introduce the exercise and distribute role cards to participants, assigning them different positions within a company (e.g., marketing manager, product developer, financial analyst).
- **Scenario Briefing:** Hand out the scenario briefs that detail a specific project requiring coordination across different departments to launch a new product.



- **Planning Phase:** Teams use the project planning templates to outline their strategy for achieving the project goals. This should include timelines, resource allocation, and roles and responsibilities.
- **Role-Play Execution:** Start the timer. Teams enact their roles, interacting with each other to coordinate efforts, solve problems, and make adjustments to their plans as necessary.
- **Debrief and Reflection:** After the role-play, discuss as a group the challenges faced, the solutions developed, and the importance of effective management and coordination. Highlight successful strategies and areas for improvement.
- **Feedback Round:** Encourage participants to provide feedback on each other's management and coordination approaches, fostering a constructive learning environment.
- **Analysis:** Using a worksheet, participants analyze the benefits and drawbacks of replacing the traditional material with the alternative in terms of environmental impact, cost, durability, and other relevant factors.
- **Presentation:** Participants prepare a short presentation on their findings, advocating for the use of their chosen green material.
- **Group Discussion:** Facilitate a discussion on the feasibility and potential impacts of adopting these green materials on a larger scale.
- **Conclusion:** Wrap up by reinforcing the importance of innovation in material use for environmental sustainability and career opportunities in the green sector.

This work is licensed under a Creative Commons Attribution 4.0 International License.



**Co-funded by
the European Union**

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.
Project number: 2022-1-DE02-KA220-YOU 000085086