



Gala Learning Platform (learngala.com)

TECHNOLOGY NUMBER: 2022-092

OVERVIEW

Gala is a web application for creating and sharing sustainability-focused case studies

- Enhances collaborative, media-rich, and interactive learning in sustainability education
- Sustainability education, curriculum development, professional training, interdisciplinary research collaborations

BACKGROUND

Sustainability education often relies on static textbooks, lectures, and isolated case studies, which can be rigid, outdated, or lacking in interactivity. Traditional approaches struggle to integrate multimedia resources or to facilitate active, collaborative learning—both critical for engaging modern students and effectively conveying complex, real-world sustainability issues. Teachers typically use separate platforms for content creation and sharing, leading to fragmented experiences and time-consuming workflows. As sustainability becomes increasingly important across multiple disciplines, there is a growing need for tools that support dynamic, adaptable, and media-rich educational resources. Educators and learners alike require platforms that foster critical thinking, cross-disciplinary collaboration, and holistic understanding of sustainability challenges. Thus, a more unified, interactive solution is needed to improve the creation, teaching, and learning of sustainability topics.

INNOVATION

Gala introduces a responsively designed web application that streamlines the development and delivery of sustainability-themed case studies and learning modules. It supports integration of multimedia—such as videos, interactive maps, and datasets—enabling immersive and engaging educational experiences. Gala's interface is tailored for collaboration, making it easy for educators and learners to co-create, share, and adapt case materials in real time. Its flexible, modular design ensures that users can rapidly update and customize content to fit diverse teaching goals and learning styles. With broad compatibility across devices, Gala democratizes access to high-quality sustainability resources while enhancing pedagogical innovation. This platform's technical advances have significant applications in formal classrooms, professional training programs, interdisciplinary workshops, and community outreach, helping to prepare learners for real-world sustainability challenges.

ADDITIONAL INFORMATION

Technology ID

2022-092

Category

Content

Software & Content

MOSS - Michigan Open Source
Support

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PROJECT LINKS:

- [Gala Website](#)

DEPARTMENT/LAB:

- [Rebecca Hardin, School for Environment Environment and Sustainability \(SEAS\)](#)

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