



Value Proposition

WP3

GREEN SHOOTS

Content

Green Shoots Value Proposition	3
Introduction	3
Career Simulations for Future Green Jobs	3
Purpose and Need:	3
Key Features of the Career Simulator:	4
1. Interactive Learning Modules:	4
2. Soft Skills Development:	5
3. Technological Integration:	5
4. Assessment and Feedback:	5
Value Proposition for the GREEN SHOOTS eLearning Course	5
Implementation Strategy:	7
Conclusion	7

Green Shoots Value Proposition

Introduction

The GREEN SHOOTS project aims to equip young people with the essential green skills, knowledge, and abilities required to pursue careers in environmental sustainability, renewable energy, energy efficiency, and resource conservation. Our eLearning course will leverage career simulations to provide an immersive and practical learning experience, helping to bridge the gap between theoretical knowledge and real-world application. This value proposition highlights the integration of career simulations into the learning experience, emphasizing the practical application of green skills and the development of essential soft skills.

Career Simulations for Future Green Jobs

Purpose and Need:

To address the skills gap in the green economy, the GREEN SHOOTS project will offer innovative career simulations. These simulations will enable young learners to explore and understand the employment opportunities within the green sector. By simulating real-life job scenarios, learners can gain hands-on experience in various green careers, fostering a deeper understanding and appreciation for environmental sustainability. Please find the summary of Main Audience Needs from the TNA Report:

Training Landscape	Familiarity and Confidence	Training Needs	Topics for Further Learning
Increasing focus on sustainable development.	Varying levels, with lower confidence in urban farming and eco-building.	Practical training, digital tools integration, interactive learning methods.	Urban agriculture techniques, sustainable construction, renewable energy, circular economy principles, sustainability frameworks.
Growing employment in green economy sectors.	Higher familiarity and confidence in renewable energy engineering and sustainability.	Proficiency in renewable energy design software, economic impact of renewable energy.	Circular economy principles, advanced recycling technologies, sustainable packaging design, climate change mitigation strategies, life cycle assessment.

Fast-growing green sector with over 50 green skills programs.	High confidence in renewable energy and a circular economy.	Practical hands-on training, innovative tools, collaborative learning.	Urban agriculture challenges, water conservation, renewable technologies, waste processing technologies, sustainable development goals (SDGs).
Government-supported initiatives and private sector collaborations.	High knowledge in renewable energy and circular economy.	Practical training methods, industry-specific software, sustainable construction principles.	Community gardening, innovative construction techniques, renewable energy concepts, waste management strategies, corporate sustainability.
Wide variety of options including government-supported initiatives and online courses.	Mixed familiarity with green jobs, high confidence in sustainability.	Practical experiences, peer learning networks, access to up-to-date resources.	Innovative tools, entrepreneurial skills, sustainable construction techniques, circular economy principles, energy-efficient practices.

Key Features of the Career Simulator:

1. Interactive Learning Modules:

- **Renewable Energy Engineer Simulations:** Learners could design and manage renewable energy projects, use system design software, and apply energy-efficient practices.

- **Eco Builder Simulations:** Participants could engage in sustainable construction projects, learn about green building certifications, and apply circular economy principles in construction.

- **Urban Farmer Simulations:** Modules could cover innovative urban agriculture techniques, community gardening projects, and entrepreneurial skills related to urban farming.

- **Recycler in the Circular Economy:** Learners could manage waste, implement advanced recycling technologies, and design sustainable packaging.

- **Sustainability Expert:** Participants could develop and apply sustainability frameworks, conduct life cycle assessments, and integrate sustainability into business practices.

2. Soft Skills Development:

- **Communication and Collaboration:** Role-play scenarios and group projects to enhance teamwork and communication skills.

- **Critical Thinking and Adaptability:** Problem-solving challenges and real-time decision-making simulations to foster adaptability and critical thinking.

- **Creativity and Leadership:** Creative projects and leadership tasks to develop innovative thinking and leadership abilities.

3. Technological Integration:

- **AR & VR Gaming Dimensions:** Augmented Reality (AR) and Virtual Reality (VR) will provide immersive environments where learners can practice green skills in simulated settings.

- **Digital Tools and Platforms:** Use of digital tools to simulate job tasks and enhance the learning experience.

4. Assessment and Feedback:

- **Reflective Practice:** Continuous assessment through reflective practice exercises, enabling learners to self-evaluate and improve their skills.

- **Coaching and Feedback:** Regular feedback sessions with trainers to guide learners and provide personalized coaching.

Value Proposition for the GREEN SHOOTS eLearning Course

Aspect	Details
Customized Curriculum	- Country-Specific Focus: Tailored content to meet the unique needs identified in Croatia, Cyprus, Germany, Ireland, Italy, Spain, and France. - Comprehensive Coverage: Covers key topics such as urban agriculture, sustainable construction, renewable energy, circular economy principles, and climate change mitigation.
Enhancing Practical Skills and Confidence	- Hands-On Training: Emphasis on practical, real-world applications to boost confidence and proficiency in green skills. - Interactive Learning Methods: Utilizes digital tools, simulations, and role-playing exercises to enhance engagement and understanding.
Integration of Advanced Technologies	- Digital Tools and Software: Provides training on industry-specific software for renewable energy design, economic impact analysis, and sustainable construction. - AR & VR Gaming: Offers immersive learning experiences through augmented and virtual reality to simulate real-life scenarios.
Development of Soft Skills	- Collaboration and Communication: Enhances teamwork and effective communication skills. - Critical Thinking and Adaptability: Fosters problem-solving abilities and adaptability to dynamic environments. - Leadership and Innovation: Cultivates leadership qualities and encourages innovative thinking for sustainable solutions.
Support for Educators and Trainers	- Comprehensive Resources: Provides educators with up-to-date teaching materials aligned with the GreenComp Framework. - Capacity Building: Empowers educators with the knowledge and tools to effectively

	teach green skills and foster sustainable mindsets among learners.
Alignment with Global and Local Goals	- European Union's Green Deal: Contributes to the EU's ambition of becoming climate-neutral by 2050. - Sustainable Development Goals (SDGs): Promotes education that supports global sustainability efforts through the development of knowledge, skills, and attitudes that promote environmental stewardship.

Implementation Strategy:

The GREEN SHOOTS project will train educators and trainers to effectively use these career simulations. By participating in our comprehensive training programs, educators will be equipped with the necessary skills to support young learners in their journey towards successful green careers. The training will be based on the GreenComp Framework, ensuring that the sustainability competences are thoroughly integrated into the education programs.

Conclusion

The career simulations in the GREEN SHOOTS eLearning course will provide young people with a practical, engaging, and comprehensive learning experience. By addressing both technical and soft skills, we aim to prepare the next generation for successful careers in the green economy, contributing to a sustainable future for our planet.



GREEN SHOOTS

