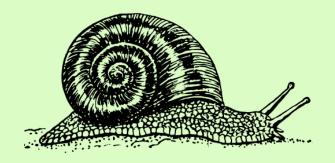# SnailVille

Heliculture Serious Game for the promotion of sustainable snail cultivationbusinesses focusing on exports

2020-1-UK01-KA204-079017

Training Methodology, Training Programme Structure & Specifications

SnailVille Project

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About project

The Snailville project is supported by the Erasmus+ Programme of the European Union.

The main aim of the project is to realise a heliculture training game that could represent an opportunity of learning for low-skilled and socially and economically marginalised adults.

The project will produce the following results:
- Sustainable Snail Farming training content and Trainer's Guide on how to administer the training and the game;
- SnailVille Game delivering the training to the target group;
- SnailVille Academy, a virtual space providing access to all project resources and tools and support for their use

Snailville intends to become a reference point for all those interested in starting a business in the field of heliculture, creating guidelines on how to breed snails, what risks can occur and what aspects and techniques should be known.

The immersive gaming experience is designed on the specific needs of the target group, and it will be successful in teaching them how to manage every aspect of heliculture.

The consortium consists of five partners plus the coordinator, from five EU countries. All partners have different characteristics and can bring their experience to the project.

Objectives

Snailville wants to boost knowledge about heliculture so that more people can see this field as a job and business opportunity.

Snail farming requires good agricultural and animal knowledge, so the project aims to provide guidelines to help and support snail farmers or future snail farmers.

For this reason, a training game will be created to teach everything that is necessary to develop a good awareness about growing snails in an enjoyable and immersive learning experience.

Target group

The project is aimed in general at all those people who are interested in creating a business by breeding snails. In particular, Snailville wants to involve low-skilled adults in rural areas. This target group is often in a situation of socio-economic marginality resulting from a lack of attractiveness in the labour market.

The target groups that will be involved in the project are diverse and can be summarised in the following categories:

- Low-skilled adults from rural areas which can support heliculture
- Snail farmers/breeders
- Heliculture enthusiasts
- Agricultural institutes and universities
- Rural development organisations
- Wildlife/snail/eco preservation societies
- Agriculture training organisation
- Ministries of agriculture
- Malacological societies
- Game designers

Introduction

To be written at the end, not only as an introduction but also as an executive summary

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About the methodology

The methodology we propose is structured in 12 modules which will contain all the most important information concerning heliculture. People interested in breeding snails will be able to find all the relevant information to start this business.

Starting to breed snails could be an attractive activity for many people, especially for the promise of a good profit. However, you can't improvise as a snail farmer; you need to be prepared for all the aspects of this job. First of all, it is an agricultural work, which requires knowledge of the land and soil. You have to know how to select the best type of breeding according to the climate of your country and know the characteristics of the soil that will allow you to breed snails. This is reflected in the existence of different types of breeding. In Mediterranean countries, with a warm or mild climate, it is much easier to find open-air farms than in colder countries such as northern Europe, where indoor farms are more common. In addition, it is very important to know what you are breeding, the product, i.e. snails, which are very delicate animals that need a lot of care. It is important to know their characteristics, right down to the process of life and reproduction, and to prevent them from falling ill or falling victim to predators. Finally, we need to analyse the financial and commercial aspects of this work, which are very important in order to be able to export our product nationally and internationally. That is why we have drawn up 12 modules containing all the information needed by future snail breeders.

The modules are organized as follows:

Module 1 Educational Game
Module 2 Morphology, anatomy and physiology of land snails
Module 3. Where to Rear Snails
Module 4. Snail breeding and reproduction
Module 5. Selection of Foundation Stock
Module 6. The risk of snail breeding
Module 7. Entrepreneurship
Module 8 Starting and growing a business in Heliculture
Module 9 Legislative aspects in Europe
Module 10. Financial & technical aspects for setting up and operating a snail farm
Module 11. Commercial and promotional aspects

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1. Module 1: Educational Game

Module 1 : Educational Game
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration*: Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •
Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe what the serious games are and how they are integrated into the project.

Please describe in general terms how to create such a game and give some information about Snailville's game.

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2. Module 2: Morphology, anatomy and physiology of land snails

Module 2 : Morphology, anatomy and physiology of land snails
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •
Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- <mark>Enter the main information required in the table and then develop the content in the text.</mark>
- <mark>The length of the module depends on the content but we can give as a general rule an average of 10 pages</mark>.
- <mark>Insert pictures, graphics and anything else that can help to better understand the content.</mark>

Please describe all the aspects related to the morphology, anatomy and physiology of land snails

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3. Module 3: Where to Rear Snails

Module 3 : Where to Rear Snails
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •

Learning Outcomes:		
Knowledge •	**Skills** •	**Competences** •

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe the types of farms (i.e., open air farms, indoor farms, garden farms) and the main methods of snail breeding such as plastic tunnels, intensive breeding, extensive breeding, and mixed system.

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4. Module 4: Snail breeding and reproduction

Module 4 : Snail breeding and reproduction
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn*   **Within this module, the participant will be trained to:**   •

Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe the cycle of reproduction of snails and what aspects of their reproduction a breeder should consider

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5. Module 5: Selection of Foundation Stock

Module 5 : Selection of Foundation Stock
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration*: Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •

Learning Outcomes:		
Knowledge	**Skills**	**Competences**
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*

Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- <mark>Enter the main information required in the table and then develop the content in the text.</mark>
- <mark>The length of the module depends on the content but we can give as a general rule an average of 10 pages.</mark>
- <mark>Insert pictures, graphics and anything else that can help to better understand the content.</mark>

Please describe how to select raw materials and prepare the soil or cages for raising snails. In addition, describe the preparation from an agricultural point of view (soil, choice of crops, etc.).

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6. Module 6: The risk of snail breeding

Module 6 : The risk of snail breeding		
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*		
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*		
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •		
Learning Outcomes:		
Knowledge •	**Skills** •	**Competences** •
Good practices and training materials: *Please list good practices and training materials relevant to the module.*		
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*		

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe the risks involved in snail farming (e.g. death, predators, climate etc.) and how to prevent them

7. Module 7: Entrepreneurship

Module 7 : Entrepreneurship
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:**   •

Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- <mark>Enter the main information required in the table and then develop the content in the text.</mark>
- <mark>The length of the module depends on the content but we can give as a general rule an average of 10 pages</mark>.
- <mark>Insert pictures, graphics and anything else that can help to better understand the content.</mark>

Please describe what are the most important aspects of entrepreneurship related to this project

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8. Module 8: Starting and growing a business in Heliculture

Module 8 : Starting and growing a business in Heliculture
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn*   **Within this module, the participant will be trained to:**   •

Learning Outcomes:		
Knowledge	**Skills**	**Competences**
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe why snail farming is an interesting business and general advice for beginners

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9. Module 9: Legislative aspects in Europe

Module 9 : **Legislative aspects in Europe**
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration*: Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:**   ●

Learning Outcomes:		
Knowledge	**Skills**	**Competences**
●	●	●

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- <mark>Enter the main information required in the table and then develop the content in the text.</mark>
- <mark>The length of the module depends on the content but we can give as a general rule an average of 10 pages</mark>.
- <mark>Insert pictures, graphics and anything else that can help to better understand the content.</mark>

Please write down the existing legislative reference sources in Europe on snail farming

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10. Module 10: Financial & technical aspects for setting up and operating a snail farm

Module 10 : Financial & technical aspects for setting up and operating a snail farm
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration: *Please estimate an amount of time adequate to complete this Module (hours)*
Aim: *Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •
Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- Enter the main information required in the table and then develop the content in the text.
- The length of the module depends on the content but we can give as a general rule an average of 10 pages.
- Insert pictures, graphics and anything else that can help to better understand the content.

Please describe the financial and technical aspects of setting up and running a snail farm

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11. Module 11: Commercial and promotional aspects

Module 11: Commercial and promotional aspects
Description of the Unit: *Provide a brief and generic explanation of the module. It will be useful to present an overview of the content and structure of the module to those who will read it.*
Duration*: Please estimate an amount of time adequate to complete this Module (hours)*
Aim*: Please describe the main knowledge or skill that the learner will learn* **Within this module, the participant will be trained to:** •

Learning Outcomes:

Knowledge	Skills	Competences
•	•	•

Good practices and training materials: *Please list good practices and training materials relevant to the module.*
Assessment: *Please suggest which assessment methods will be used at the end of the module (questionnaires, open questions etc.)*

- <mark>Enter the main information required in the table and then develop the content in the text.</mark>
- <mark>The length of the module depends on the content but we can give as a general rule an average of 10 pages.</mark>
- <mark>Insert pictures, graphics and anything else that can help to better understand the content.</mark>

Please describe how starting and growing a business and the aspects related to promotion and marketing.

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12.   The evaluation system

The evaluation system is designed on two levels. The first, at the end of each module and the second as a final learning check.
At the end of each module, tools are proposed to assess the degree of learning of the module content. Through quizzes, open questions, questionnaires and guided discourses, the educator will be able to understand the learning status of the participants.
We invite you to look at the evaluation of the individual module to see which tool has been proposed.

In order to evaluate the methodology and the training program, we propose two separate questionnaires to be submitted to the participants at the end of the learning process.

Section A_Evaluation of the methodology

1. ***Age:***
   Under 20
   20 – 29
   30 – 39
   40 – 49
   50 - 59
   Above 60

2. ***What is your gender?***
   Male
   Female
   I don't want to say it

3. ***Do you breed snails?***
   Yes
   No
   As amateur
   Other_____

4. **If you are not a breeder, what is your current profession?**
   _____

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5. Please rate the methodology on a scale of 1 to 5 (*where 1 is not satisfactory and 5 is very satisfactory*)

	1	2	3	4	5
a. The methodology satisfied my initial expectations					
b. Contents are well structured					
c. Contents are clear and relevant					
d. The contents are useful to start my path as a snail breeder					
e. The necessary and sufficient resources to understand the basics of heliculture were present in the methodology					
f. The contents of the methodology have increased my knowledge of heliculture					
g. The resources suggested in the text are relevant to the proposed content					
h. All aspects of snail farming in which I was interested have been explained					

6. How is the methodology contributing to starting heliculture business?

_____

7. Are there other contents that should be covered?

_____

8. What do you think are the most relevant aspects of this methodology?

_____

9. Do you have any comments you would like to share about the modules and the contents of the methodology?

_____

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Section B_Evaluation of the training program

1. Please rate the training program on a scale of 1 to 5 (*where 1 is not satisfactory and 5 is very satisfactory*)					
a. The training program is useful for my professional development	1	2	3	4	5
b. The training program is well structured					
c. The materials proposed in the training program are relevant and useful					
d. The training program reflected my initial expectations.					
e. The training program satisfy my learning needs					
f. The training program offers practical and easy-to-implement solutions					
g. The activities and examples proposed during the training are appropriate for the achievement of heliculture competences.					

2. How is the training program helping to train young or aspiring snail breeders?

_____

3. Do you have any suggestions for improving this training program?

_____

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References

Please use APA Style to write down your references.