

Workshop scenario

Scriptwriter: Aljaž Ferencek

Organization: Ljudska univerza Kranj

Workshop title	How to motivate seniors to become involved into citizen research projects?		
Field	Social inclusion, education for sustainability, health improvement		
Estimated number of presenters	4	Estimated number of participants	30 (15/15)
Duration of a single workshop	2 hours	Number of workshops	5
Workshop periodicity	1 workshop (2 modules – 4 hours), 2. workshop (3 moduls – 6 hours) / 1 workshop per modul (2 hours per workshop)		
Necessary equipment	ICT facilities, board, flip chart		
Necessary materials	Different didactic tools (examples in attachment)		
Workshop objectives	The objective of the program is to educate members of scientific community and senior adults educators on how to organize and conduct citizen science projects with senior adults as a researcher and how to prepare training activities.		
Methods of work	Presentation, demonstration, discussion, guest speaker, hands-on exercise		
Workshop program	Attached		
Expected effects of the workshop	Knowing the benefits of involving older people in research projects, how to motivate and engage them. Participants will gain knowledge on how to prepare and implement training activities.		
Evaluation methods	The final day will include an evaluation of the workshop and a chance for participants to provide feedback (participants content survey and discussion).		

Guidance for the proper performance of the activity	
The methodology of the Activity	<p>The methodology of the workshop is based on activities with the use of non-formal educational methods. The tasks involve participants working individually and in groups. The individual sections are short but substantively specific, so they can be implemented both during the educational lessons and comprehensive workshops.</p> <p>Participants are involved in the educational process, many tasks are based on the content they create. They learn to find and use resources.</p>
Tools and materials needed	<p>Basic tools that will be necessary to conduct the training are: paper, markers, pens, flipchart/blackboard, projector, etc. Participants will need an Internet connection and portable devices to be able to use the browser.</p>
Day 1	Module 1
<p>Session 1</p> <p>Group introduction & Warm-up: Associations</p> <p><i>20 min</i></p>	<p>The participants form a circle. Moderator of the group (the educator) chooses one word and indicates one random person from the circle who continues with the word of his own that is, in his/her case, associated with the first word. Then the selected participant indicates another random person and so they continue to build associations based on the word from the person they were selected.</p> <p>Participants must select their associations based on their current inspiration because at the end, the educator can perform a trick and tries to repeat the same combinations but backwards. That means, showing and telling all the associations in the exact same order as before but from the end, until they come back to the educator.</p> <p>The purpose of the task is to stimulate creativity, focus and strengthen the skill of group work.</p>
<p>Session 2</p> <p>Presentation of the topic</p> <p><i>70 min</i></p>	<p>Introduction to Citizen Science:</p> <ul style="list-style-type: none"> – Definition of citizen science, – types of citizen science projects, – the role of citizen science in scientific research, – and the potential benefits of engaging senior adults in citizen science projects. <p>Educator explains the concept of senior citizen researchers, how it is grounded in the principles of citizen science and can offer a range of benefits, including increased participation, enhanced data collection, improved scientific literacy,</p>

	<p>intergenerational learning, and promotion of diversity and inclusivity in the scientific community.</p> <p>At the end of the presentation educator asks if participants have any questions about the theme and leaves 10 minutes for the discussion.</p>
	<p>Module 2</p>
<p>Session 1</p> <p>Practical illustration of the presented theory</p> <p><i>90 min</i></p>	<p>The educator demonstrates the theory presented in the previous lecture, showing how senior citizen research works or how it can be applied in practice by examples of good practice on how citizen senior research is used in the field.</p> <p>The educator then divides the participants in 3-person teams. Each team has 10 minutes to share experiences, opinions and concerns regarding the inclusion of citizen senior researchers in their project.</p> <p>Then teams have to prepare a summary of the key conclusions they reached and present it to the classroom.</p> <p>Their observations are then debated.</p>
<p>Day 2</p>	<p>Module 3</p>
<p>Session 1</p> <p>A guest speaker</p> <p><i>50min</i></p>	<p>Invite a guest speaker, that has experience in the field of citizen science and inclusion of citizen senior researchers. The guest speaker then presents his research project and how it benefited from the inclusion of senior citizen researchers.</p> <p>The guest speaker must then be available for 15 minutes for answering questions of the participants and a short discussion.</p>
<p>Session 2</p> <p>Preparing training activities</p> <p><i>40min</i></p>	<p>Divide the participants in 4 groups and assign a mentor (educator) to each group that directs and guides them.</p> <p>Within the group the participants:</p> <ul style="list-style-type: none"> – identify senior adult interests and areas of expertise, – design strategies for engaging senior adults in citizen science projects and – define knowledge and skills necessary for senior researchers to effectively participate in scientific research projects. <p>They also agree upon the method of presentation. Participants look for data on the Internet, in statistical reports and in their field of expertise.</p>

	The presentation of the training activities takes place at the next workshop.
	Module 4
Session 1 Presentation of the training activities and discussion <i>90min</i>	Every group present their findings, methods that they used. Each presentation is followed by discussion of the participants. They suggest what they would do differently, what would they add, what they find valuable for further work and they share additional ideas on the topic.
	Module 5
Evaluation/ Participants content survey and discussion <i>90 min</i>	Proposal of evaluation questions for the workshop participants <ul style="list-style-type: none"> – General satisfaction with individual elements of education: content of the program, teaching material, organization of the program, spatial conditions and the program length. – Was active participation enabled? – How do you evaluate the theory presentation? – How do you evaluate the practical illustration of the presented theory? – How do you evaluate the guest speaker? – How do you evaluate the mentors? – Do you have any suggestions, ideas?

Attachment: Example of scenario for workshop conducted with citizen senior researchers

Workshop title	Characteristics of seniors and the environment they live in		
Field	Social inclusion, education for sustainability, health improvement		
Estimated number of presenters	1	Estimated number of participants	6-12
Duration of a single workshop	6 hours	Number of workshops	2
Workshop periodicity	<ol style="list-style-type: none"> 1. Workshop (3 hours) <ul style="list-style-type: none"> - presentation of the topic - division into groups, - determination of sources and method of research 2. Fieldwork and research 3. Workshop (3 hours) <ul style="list-style-type: none"> - presentation of findings, - conclusion - evaluation 		
Necessary equipment	ICT facilities, board, flip chart		
Necessary materials	Different didactic tools (examples in attachment)		
Workshop objectives	<p>The objective of the program is to investigate the characteristics of older people and the environment in which they live.</p> <ul style="list-style-type: none"> - Involved participants indicate the characteristics of the target group and their needs. - Involved participants determine an elderly-friendly living environment. - Involved participants research the needs of elderly people and their satisfaction in the local environment. 		
Methods of work	Presentation, demonstration, discussion, hands-on exercise, internet research, interview, focus group, field visit, statistical data		
Workshop program	Attached		
Expected effects of the workshop	Involving seniors in research projects on topics that concern them. Engage them to find solutions for an elderly-friendly living environment based on research.		
Evaluation methods	The final day will include an evaluation of the workshop and a chance for participants to provide feedback (participants content survey and discussion).		

Guidance for the proper performance of the activity	
The methodology of the Activity	<p>The methodology of the workshop is based on activities with the use of non-formal educational and research methods. The tasks involve participants working individually and in groups. The individual sections are short but substantively specific, so they can be implemented both during the educational lessons and comprehensive workshops.</p> <p>Participants are involved in the educational process; many tasks are based on the content they create. They learn to find and use resources.</p>
Tools and materials needed	<p>Each session contains the necessary description and training materials to carry out the activities with the group of senior researchers. The individual tasks contain printables for individual participants or groups.</p> <p>Basic tools that will be necessary to conduct the training are: paper, markers, pens, flipchart/blackboard, projector, ICT tools etc. Participants will need an Internet connection and portable devices to be able to use the browser.</p>
Workshop 1	
Group introduction & Warm-up: Associations 15 min	<p>The participants form a circle. Moderator of the group (the educator) divides them into pairs.</p> <p>Within a pair, participants must tell each other their name and 3 things they really enjoy doing in their free time. They must remember them and present their colleague to the rest of the group.</p> <p>The purpose of the task is to help break down barriers and create a more relaxed atmosphere and team spirit among the participants. The participants feel more confident and comfortable expressing themselves in a group setting.</p>
Presentation of the topic 60min	<p>Characteristics of seniors and the environment they live in.</p> <p>The educator presents the research topic, the goals that we want to achieve through research and the expected results.</p> <p>The educator presents the characteristics of the target group using examples. It presents the studies that have been made on this topic in Europe and the world.</p> <p>Using educator, the lecturer presents a general overview of what an elderly-friendly environment should be. It presents the studies that have been made on this topic in Europe and the world.</p> <p>The educator encourages the participant to give suggestions and opinions.</p>
Division into groups and determination of	<p>The educator divides the participants in 3-person teams that will investigate needs of seniors and their satisfaction in the local environment. Each team has 30 minutes to investigate and list sources and methods they will use to research their topic. They will also agree upon the method of presentation. Together they will create a template for data collection.</p>

sources and method of research 45 min	<p>Participants will look for data on the Internet, in statistical reports and in their living environment.</p> <p>The presentation of the collected data will take place at the next meeting.</p>
Wrap up 15 min	The participants repeat what they agreed upon
Workshop 2	
Presentation of findings 90 min	<p>Then teams report about the findings.</p> <p>After the presentation, they prepare a joint report of the research findings.</p>
conclusion 30 min	<p>The last 30 min should be dedicated to discussing citing rules and/or uncertainties. Participants report how they tackled the task, what went well and where they had problems.</p> <p>They also discuss who the research findings will benefit from and who they will share them with.</p> <p>They also make a plan on how to continue researching the needs of the elderly in the local area.</p>
Evaluation/Assessment 15 min	<p>Proposal of evaluation questions for the workshop participants:</p> <p>How the research was conducted?</p> <p>Did you work alone or in a team?</p> <p>You had problems retrieving data?</p> <p>Who helped you with this?</p> <p>What would you do differently if you were to take on the task again?</p> <p>What would you need to solve the task more easily?</p>