

Glossary of Terms

Term	Explanation
Capacity building	Providing skills development/training to team members to build capacity to deliver EPE activities. Experiential opportunities are also a good method of developing capacity.
Co-creation	The principle of co-creation is the process of designing and creating new initiatives and solutions with people and not for them. The key features of co-creation include bringing together stakeholders from all over society, with their respective expertise / experience; has a purpose; is not a finalised thing in itself, but a means to some other end; tackles a “bigger challenge” while helping each stakeholder to achieve their own goal(s); needs structure, yet it should also remain open to individual proposals and approaches; enhances creativity and problem solving and is a non-linear process of thinking and creating ⁸ .
Education	In the context of EPE in large-scale awards – “education” refers to activities, whether formal, non-formal or informal, aimed at primary and secondary school audiences (teachers and/or pupils). Education of third level or post graduate audiences is not included in EPE but rather can be considered part of the overall impact agenda of the large-scale award. Formal education – Learning that occurs in an organised and structured education or skills development system. Formal learning is intentional from the learner’s point of view. Non-formal education – Learning that takes place outside a formal education or skills development system, but still has some organisational structure. Non-formal learning is intentional from the learner’s point of view. Informal education – Learning resulting from daily activities related to work, family or leisure. Informal learning is usually unintentional from the learner’s point of view.
Engaged research	Engaged research describes a wide range of rigorous research approaches and methodologies that share a common interest in collaborative engagement with the community. It aims to improve, understand, or investigate an issue of public interest or concern, including societal challenges. Engaged research is advanced with community partners rather than for them. “Community” refers to a range of public research stakeholders, including public or professional service and product users, policy makers, civil and civic society organisations and actors (<i>A Framework for Engaged Research: Society and Higher Education Addressing Grand Societal Challenges Together, Campus Engage, 2017</i>).
Logic model	A logic model is a graphical representation of planned work, it includes the resources (inputs) and activities that will take place, in addition to the outputs and outcomes that are expected. The use of a logic model approach is strongly recommended in developing EPE programmes in large-scale awards. A suggested approach to developing a logic model is given below.

⁸ Taken from *ACCOMPLISSH Guide to Co-Creation* published as part of H2020 Project ACCOMPLISSH, funded by the European Commission under grant agreement number: 693477.

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Outreach	Outreach is typically one-way information flow, which communicates with the target audience about STEM research. Some examples of outreach are a website, newsletter or a blog. These are located in the outer layers of the schematic illustrating EPE activities (refer to figure 1).
Public engagement	Public engagement has many manifestations as illustrated in the EPE “onion” diagram (refer to figure 1). It is similar in some cases to informal education – building awareness among a broad range of audiences in a range of settings, for example, festivals, theatre, public debate, art, etc.
SFI Research Centres	SFI Research Centres are international beacons of scientific excellence, bringing together a critical mass of outstanding researchers to collaborate at a scale that will yield national and international impact. EPE is a core part of the work of Research Centres.
Strategic Partnerships	Strategic Partnerships facilitate the building of research collaborations with key stakeholders such as industry, other funding agencies, charities, philanthropic organisations, higher education institutes, or a combination of any of these. For Strategic Partnership applications of greater than €2.5M, the inclusion of EPE is mandatory, for applications below this amount, EPE is strongly recommended but not mandatory.

Suggested approach to developing a logic model

Inputs	Outputs		Outcome and Impact			Measures of Success
	Activity	Participation	Short Term	Medium Term	Long Term	
<i>What we invest</i>	<i>What we do</i>	<i>Who we reach</i>	<i>What are the short-term results?</i>	<i>What are the medium-term results?</i>	<i>What are the ultimate impacts?</i>	<i>Metrics</i>
e.g., team, room hire, catering, consumables	e.g., workshops, training, developing resources	e.g., students, teachers, decision makers	e.g., new learnings or skills for participants	e.g., change in action, behaviour, policies	e.g., social, economic	Outline the metrics and tools that will be used to measure the intervention