

The Programme Template covering multi-dimensional aspects or attributes

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A Summary
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EDDIE is a four-year Erasmus+ European Union funded collaborative project aiming to create a Sector Skill Alliance for the digitalization the European Energy sector. The focus is on current and future demand of skills necessary for the digitalization of the Energy sector and the supply of improved Vocational Education and Training (VET) systems and beyond.

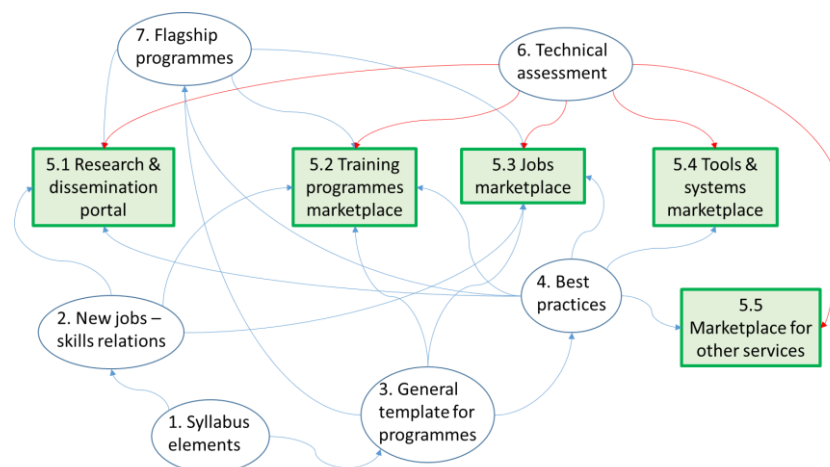
With the scope of EDDIE in mind, the nature of the educational programs – and other forms of training activities – included within the program is quite wide and heterogeneous. The training activities envisioned could include everything from short focused on-the-job activities, via online vocational and/or academic training courses to fully fledged master level programs. To create a structure by which a large variety of educational programs can be identified, documented and above all presented to prospective students and learners the EDDIE program template has been developed.

The objective of the Programme Templates

In the Figure below, we envision the template which is related to several other activities and concepts within the project. For instance, the skill gaps addressed, and syllabus elements have provided important input to the template, similarly the template has provided input to the capture of best practices. The template is also a key element in the training programs marketplace, since it provides the interface to students and program designers.

The general principles for use of the program template are presented further in Chapter 3. In summary, there are two main user groups – out of which one has so far been most active. The first group, active during the development of the template are education providers. As an education provider – of any type and educational level – the template is used to enter data about a program. The second user category are prospective students, their employer or agents that are looking for educational programs or activities that fit their educational needs. The template allows for use by educational providers both during development of the program, as well as when it is operational and ready to be accessed by prospective students.

As a next step, the educational program template will be integrated into the overall data management platform of EDDIE.



EDDIE, WP5 strategy, 28 September 2021. WPS-Blueprint.

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Figure 1: Relation of the template to other parts of the EDDIE project

Design of the Template

The initial development of the Template has from the start been an iterative development process. The initial stage focused on documents and a web survey using a series of workshops – total of 6 workshops - starting in early June 2021, progressing during the fall, and continuing into 2022. There was been active participation from all partners during the work and for each of the workshops the number of participants has been around 10 individuals representing the relevant partners. The participants of the workshops in both workstreams have been the same individuals, ensuring coordination. The workshops have all been centred around program data gathered and prepared by the participants. The work includes for example presentation of examples of novel programs at the partners or from elsewhere as well as presenting documentation describing these programs – both formal and marketing related. During the end of 2021 the workstreams have been merged into one focusing on gathering data from selected programs and populating a first database of existing and planned programs of fulfilling the selection criteria.

The WorkStreams

Program template workstream

The focus of the program template workstream is to define the core information that is needed to describe a program including both topical content as well as operational and logistical aspects. This includes with regards to topic content for instance target group, objectives, teaching format, educational level etc. For operational and logistical aspects, it includes matters such as resources needs, online or on-site training, tuition fees, scheduling, etc.

Program selection criteria workstream

The focus of the Program selection criteria workstream has been to agree on which type of programs should be the target of the activities within EDDIE. Type here refers both to the format and educational level of the programs as well as to the topical content. The output from the work has been a taxonomy of relevant program dimensions, such as for example educational level, knowledge gap addressed, format and business model.

Template testing

A final and crucial step of the development during stage one, has been gathering feedback on use of the template. This activity was partly integrated into the iterative development process. In addition, at the end of the development cycle, a final set of comments for further improvement was gathered and reported upon in Deliverable D5.2.

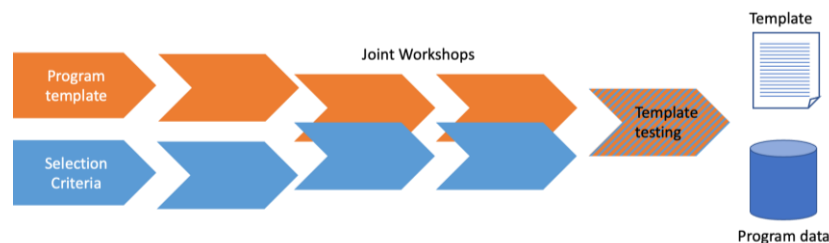


Figure 2: Overview of the workstreams in the development of the program template

The User Guide

The General Principles

The Principle of using this template involves three distinct groups of use cases, involving separate specific uses and user groups. These three use cases are:

- Design of a of new program using the template
- Entry of data for an existing program using the template
- Searching for programs