D5.4 Training platform

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Consortium

FUOC	Fundació per a la Universitat Oberta de Catalunya, Spain
JR	Joanneum Research Forschungsgesellschaft Mbh, Austria
SDU	Syddansk Universitet, Denmark
UJ	Uniwersytet Jagiellonski, Poland
Notus	Notus, Spain
FLACSO	Facultad Latinoamericana De Ciencias Sociales, Argentina
EM	Europa Media Szolgaltato Non Profitkozhasznu Kft, Hungary
Portia	Portia gGmbH, Germany
SRU	Stichting Radboud Universiteit
Fraunhofer	Fraunhofer Gesellschaft zur Forderung der Angewandten Forschung EV, Germany
UH	Universiteit Hasselt, Belgium
ZRC SAZU	Znanstvenoraziskovalni Center Slovenske Akademije Znanosti In Umetnosti, Slovenia
GESIS	GESIS-Leibniz-Institut für Sozialwissenschaften EV, Germany
INNO	Innosystems Symvouleutikes Ypiresies Kai Efarmoges Pliroforikis Ypsilis Technologias Monoprosopi Idiotiki Kefalaiouchiki Etaireia, Greece

Document History			
Version	**Date**	**Summary of changes**	**Revised by**
01	31.08.2023	Draft version with preliminary screenshots	Jörg Müller
02	14.09.2023	Final version	QA and partners
03	04.01.2024	Resubmitted version - IPR revised	

Executive Summary

The INSPIRE training platform is a dedicated online learning platform and is delivered within work package 5, the Technical and logistical infrastructure. As part of this work package, Europa Media under T5.4 Setup online training platform developed and will manage its in-house online training platform.

INSPIRE will host open training units (OTUs) in the form of e-learning for individuals interested in the topics.

Target groups

- OTUs are meant for change agents in research performing organisations.

Visual adaptation and setup of in-house training platform is done by EM and is linked with the INSPIRE online infrastructure via T5.3. Users will see the INSPIRE website and the INSPIRE learning platform as one platform.

With the above in mind, the current document, titled "Adapted and operable online training platform", aims at introducing the reader to the INSPIRE online training platform and its design (Chapter 1), before providing meaningful information about its structure and functionalities (Chapter 2), and finally, about its future development (Chapter 3).

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1 INSPIRE training/learning platform

The adapted and operable online learning platform of INSPIRE is hosted on the domain of http://gender-inspire.eu. The main aim of the platform is to complement the INSPIRE main platform that serves as the main project dissemination entry point as well as offers the INSPIRE services and stimulates involvement and collaboration with the experts and stakeholders. The training platform is complementary as it hosts two main support services, the open training units targeted at wider audiences, but especially EDI change agents and the support packages targeted at Communities of Practices.

The platform will be connected to https://www.inspirequality.eu/ through the visual identity as well as a menu button. The users will not see that they are guided to another website hosted at Europa Media's server as the design will be the same as the one used on the main website.

1.1 Objectives

The INSPIRE learning platform shall include a set of 10 Open Training Units (OTUs) in the form of e-learning modules.

Open Training Units (OTUs) are training assets open to a broader audience that aim to develop skills, knowledge or useful competences. They provide introductions and guidance on key themes of GE in R&I across Europe on a general level. Building upon the achievements of the GE Academy, INSPIRE and the CoE in collaboration with external providers will develop 10 OTUs.

1.2 Design

The design of the website has been developed in line with the INSPIRE project's logo and visual identity (including colour codes, graphic elements, project logo and fonts). Figure 1 showcases the layout of the landing page of the platform, the first page that is viewed by visiting users.
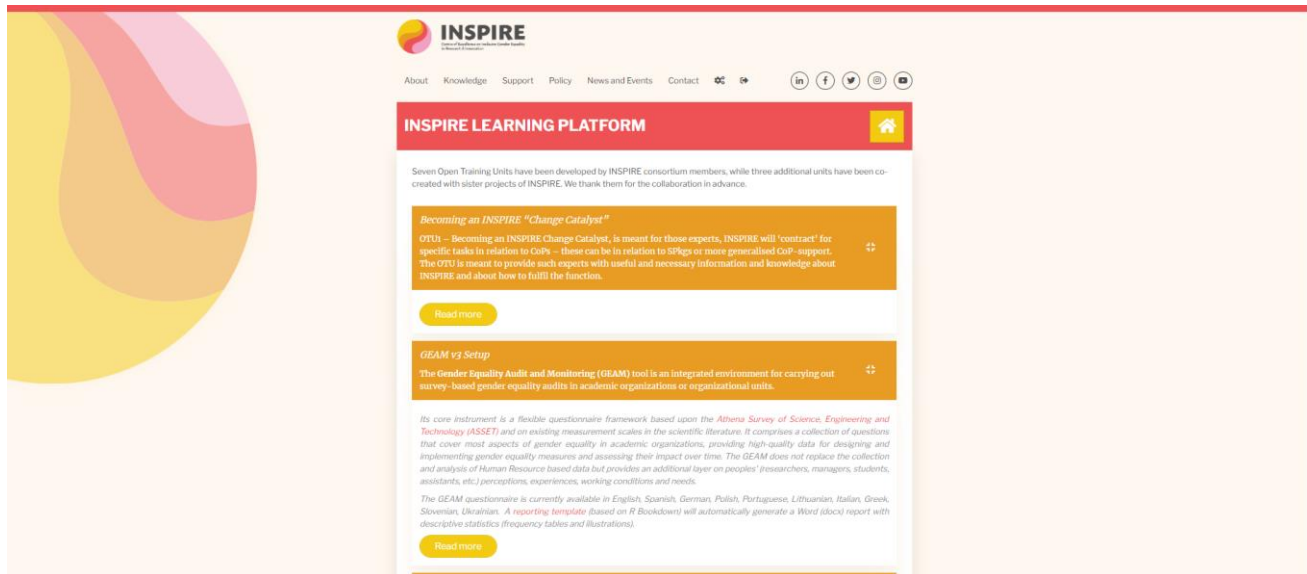
Figure 1: Landing page

Moreover, the platform has been developed with a Responsive Web Design (RWD) which provides easy reading and navigation across a wide range of devices (from mobile phones to desktop computer monitors) with a minimum requirement of resizing, panning, and scrolling.

2 Structure and functionalities

2.1 Technical specifications

INSPIRE will introduce the learning materials in an attractive, user-friendly manner that allows also users to send us feedback or interact in other ways. EM is responsible for finding the technical solution, using its own Content management system CMS (nJinn – overall system; nGrosser - website) and Learning management system LMS (nStructor) solutions.

nStructor is a learning management system for E-learning courses powered by nJinn, a PHP-based application framework developed by EMG, the mother company of Europa Media.

Part of the solution described below has been developed within the framework of the INNO-4-AGRIFOOD H2020 project N° 681482, supported by the European Union's Horizon 2020 research and innovation programme.

The visitor front end is a HTML5 web application using a responsive layout based on Bootstrap 3 framework which guarantees that the application is efficiently scaled and displayed well on every device including tablets and smartphones.

The software uses jQuery on client-side which requires JavaScript to be enabled. The application supports all the major desktop browsers (Chrome, Firefox, Safari 5.1+, IE 10+, Edge, Opera), mobile clients (iOS, Android) and does not require any plugins to be installed.

2.2 Learning path

The platform is fully open, does not require registration from the user to access any section. Under the Open Training Units, the learners can master a subject in sequential and non-sequential learning paths. INSPIRE will as a default use non-sequential learning path. Administrators and lecturers will set up the sections in a non-sequential way, so that the content can be completed in any order and allow the user to freely choose the content they would like to access.

On the landing page users can access the ten e-learning modules. Every module is accompanied by a short description of its content. The user can start the learning journey at any point, depending on their interest, and jump between units and sub-chapters as they like.

When selecting a training unit, the user will see the full content of the unit. A unit will be an e-learning module potentially having more chapters and one chapter can also contain several training materials including video, audio, presentation and other types of e-learning content.

At module or chapter level, introductory videos are embedded to inform the user about the learning objectives and the potential outcomes they can gain if completing the module/chapter.
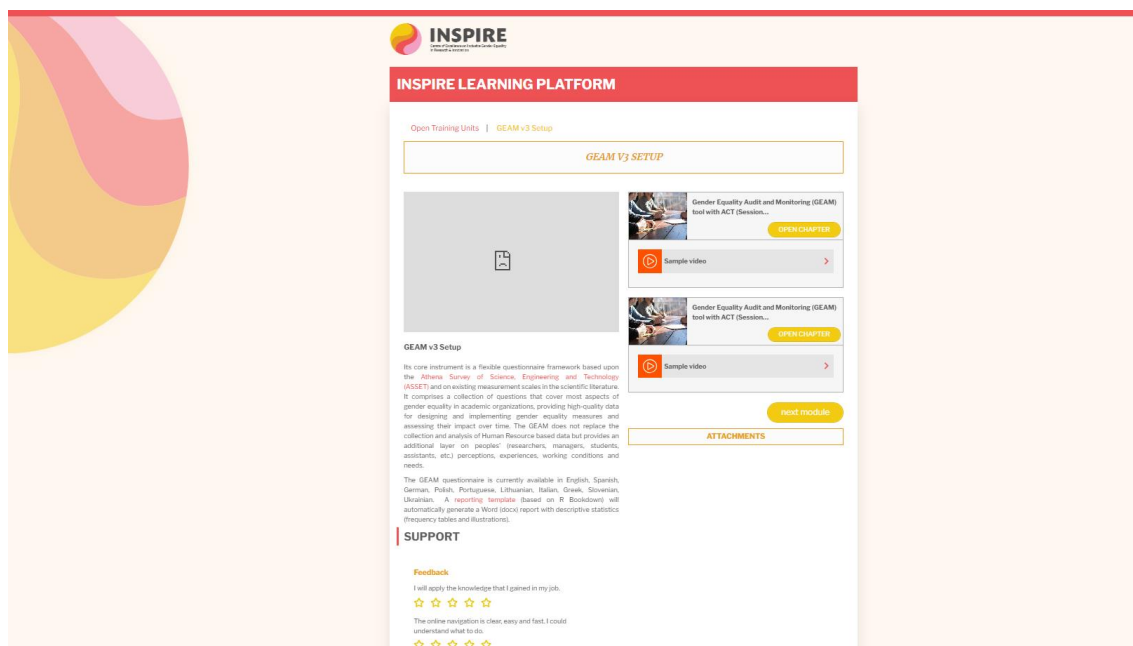
Figure 2: Open Training unit level with chapters

The chapters can contain **video presentations** and English narration for key parts of the chapters and exercises. A good option is to create interactive and meaningful training material using Storyline 360 (https://articulate.com/360/storyline).

Figure 3: Video presentation sample

Exercises can be also used within each chapter or integrated into a presentation within the chapter. For example: True or False, Drag & Drop, Quizzes, Fill in the Blank, etc.

Articles can be added to each chapter or sub-chapter which work as a website page containing edited/formatted text with videos, pictures or links embedded.

Figure 4: Article sample within a chapter

Attachments can be added to each chapter as a pdf/word/excel with a description included.

Monitoring and evaluation

INSPIRE consortium agreed on making the platform open and not follow individually the learning path or allow the learner to follow it through their profile. This choice ensures full flexibility and accessibility. As the registration feature will be disabled and there will be no authentication required for the users, only the editors, the platform will not allow administrators and lecturers tracking progress on the Control Panel and the Lecturer Dashboard respectively. Moreover, users' individual progress will not be tracked. The simple feedback form though helps to get an overall feedback, impression from the users.

Continuous monitoring of the platform's traffic is ensured by engaging Google Analytics and Matomo. Different types of data can be monitored and recorded during the project lifetime to receive statistics for its further development.

2.3 Control panel

The Control Panel section of the training platform serves administrative and editorial purposes. It is protected by password, accessible only to project partners (see Figure 2). It was created with the objective of sharing the editorial duties and enabling the partners responsible for the open training units and the support packages, including the coordinator of the project to access and edit the content of the training platform.
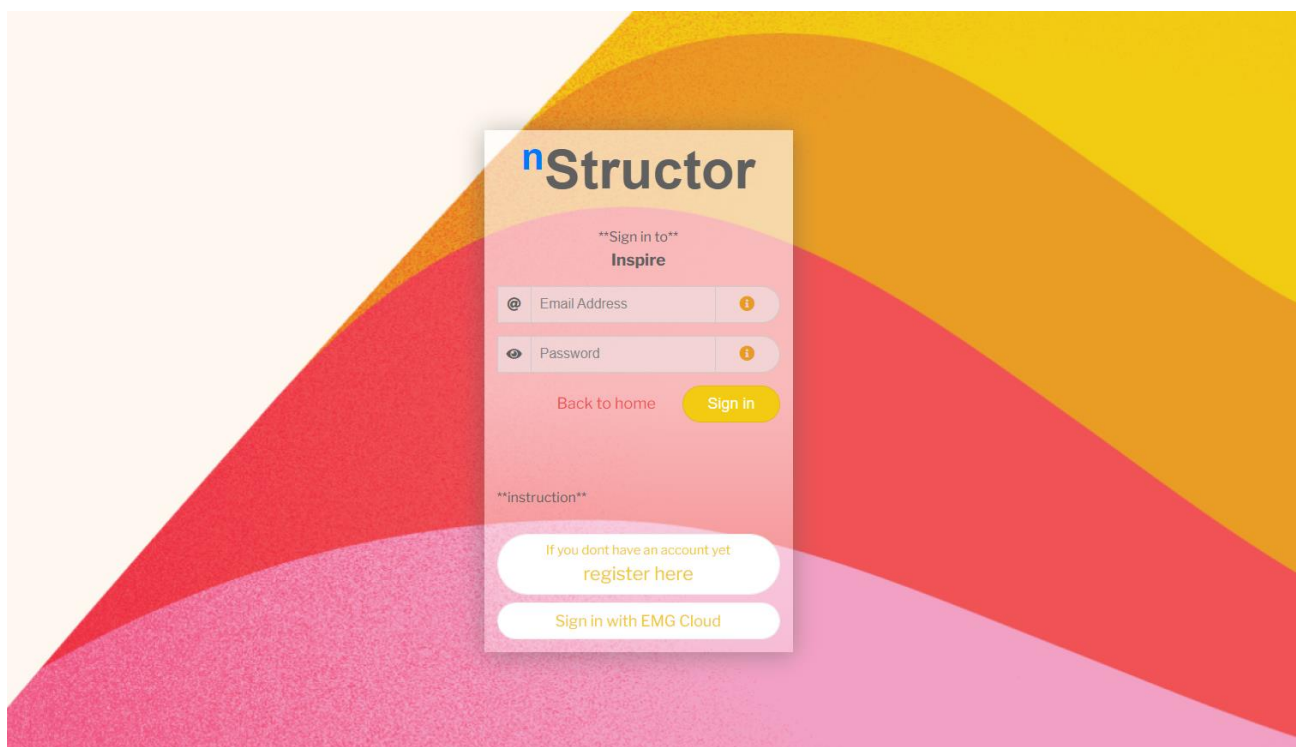

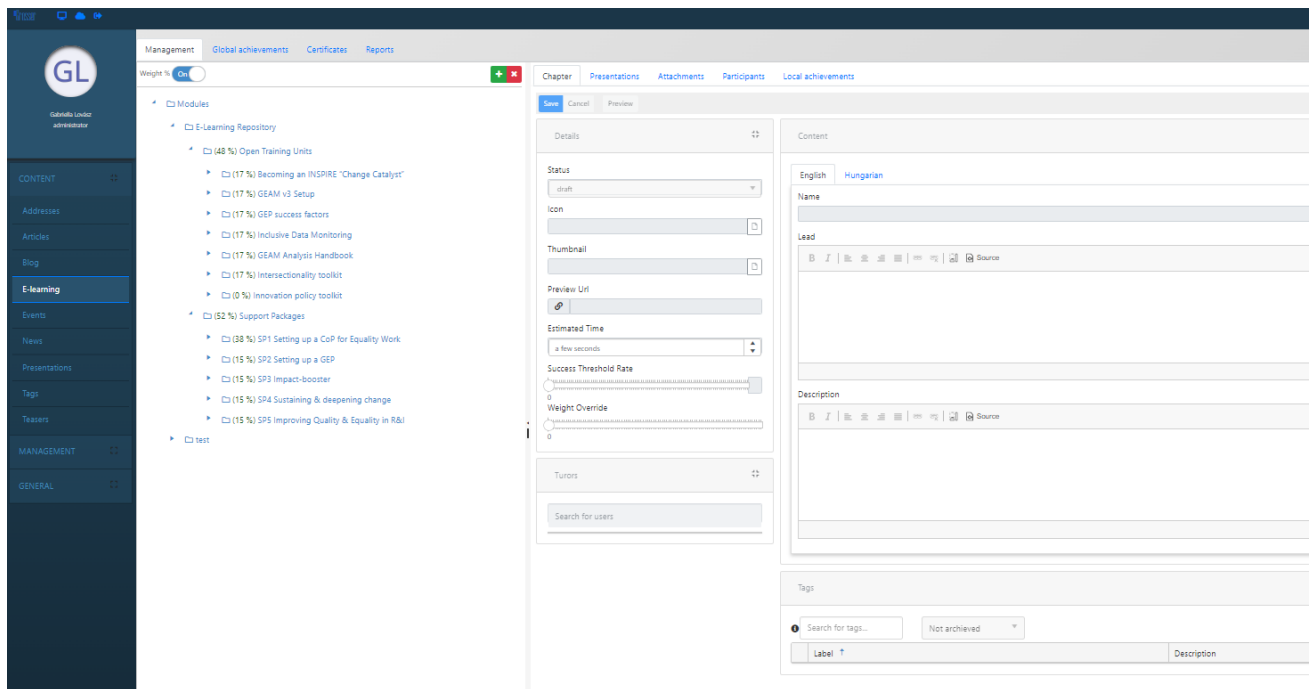*Figure 5: INSPIRE nStructor Login page*

Figure 6: Control Panel

3 Future development

The INSPIRE training platform will be continuously developed and updated, to ensure the provision of up-to-date information to its visitors. Europa Media, with the help of all INSPIRE partners, will be responsible for this task and will guarantee continuous access to the online platform during as well as after the end of the project.

As *n*Jinn and *n*Structor are the property of Europa Media, and exclusively developed in house, additional functionalities can be programmed and integrated into the website or the Learning Repository if and where relevant and needed.

3.1 Intellectual property

The code of nJinn and nStructor are the property of Europa Media and is fully protected, no access rights are shared. The content uploaded to the learning platform is openly accessible and will be protected with an open license.