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**EAGLE**  
**EnhAnced Government Learning**

[www.fp7-eagle.eu](http://www.fp7-eagle.eu)

FP7-ICT-2013-11

Objective 8.2 Technology-enhanced learning;

Target outcome c): Holistic learning solutions for managing, reaching  
and engaging learners in the public administrations

Deliverable 9.3

**Social and Multi-Media  
EAGLE Programme**

WP 9 – OUTREACH – Dissemination and Exploitation  
Lead Participant: ACCEL

Approval Panel	Name / Partner short name	Department / Function	Date
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## Executive Summary

Deliverable D9.3 is a multi-media presentation of the EAGLE learning solution. The presentation describes the features of the knowledge sharing and learning platform in non-technical language and the larger context in which this platform is embedded in. It combines short texts, links to further documentation, pictures and videos

- Providing a basic overview of the EAGLE learning solution that can be continuously updated with, for example, links to demonstrators, technical specifications, and regional contacts.
- Presenting EAGLE to a wider audience in an easy fashion.

### Need for the Deliverable

In order to promote the EAGLE learning solution to decision makers and employees of local administrations, technology providers and training providers, a simple overview of the learning solution is needed. As EAGLE is an evolving technology, it needs to be flexible enough to be continuously updated with new information and visual material. And as EAGLE operates at different levels of abstraction (e.g. Pedagogical Concept versus the concrete tool to create a text on the platform), it needs to be able to visualise these different levels.

### Outcomes

We decided to use a widely used online tool for creating multi-media presentations: [Prezi](#). We chose Prezi because, first, a Prezi can be easily updated. Second, it presents information by zooming and panning over a canvas filled with text, images and videos, which lends itself to the presentation of multi-layered and complex information. The Prezi is available on the [project website](#), on [YouTube](#) and on the [Prezi website](#) itself.

### Objectives of the Deliverable

With the help of this deliverable, we aim at:

- Contributing to convince employees and decision makers in public administrations to test and later use the EAGLE learning solution,

### Next steps

Deliverable D9.3 can be updated with new information such as pictures of the graphical user interface, links to testing sites, and links to OERs on the platform if useful. To ensure accessibility, the Prezi or parts thereof will be converted to a PowerPoint presentation and uploaded to the EAGLE YouTube-Channel together with a transcript of the text appearing in the presentation.

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## 1 Objectives of this deliverable

With this multi-media presentation, we aim to provide an overview of the EAGLE learning solution that is comprehensible and appealing to anyone interested in e-learning. This solution can be linked to further information (e.g. technical specification, scientific background, and contact details.) that is relevant or of interest to experts in a particular topic (e.g. test authoring and data management). With this overview, we intend to provide a means to inform our target groups of the advantages of the EAGLE learning solution and eventually convince them to first test and later use the learning solution for their work.

As opposed to the EAGLE Explainer Video, we do not focus on the project and its goals in general but on the (evolving) features of the EAGLE learning solution in more detail.

## 2 Approach

The following approach was chosen to identify the relevant content for this deliverable:

- In October 2015, goals and requirements for this deliverable were defined; possible tools to reach these goals were evaluated (see section 3) and a decision taken about what tool to use.
- All deliverables submitted by December 2015 were analysed for material that could be relevant to end-users.
- A first draft was created in December 2015 and sent to work package leaders for feedback and complementary information. In particular, partners contributed information and reviewed content for the following sections:
  - Fraunhofer for the section on topic maps and process maps.
  - LIST for the section on automatic item generation and change management.
  - SRFG for the section on semantic search and EAGLE ontology.
  - ZHAW for the section on EAGLE pedagogy.
  - HRW for the section on contextualisation.
  - DHBW for the overall concept and content.
- In early January 2016, their feedback was integrated and the result once again discussed with the scientific administrator.
- In late January 2016, the presentation was published on the EAGLE website and distributed within the EAGLE consortium. As it is conceived as a representation of EAGLE's work in progress, feedback from the consortium and new information will be continuously integrated.

## 3 Evaluation of tools to reach the objectives

### 3.1 Definition of requirements

To reach the objectives described in section 1, we identified the following requirements that this deliverable was expected to meet:

- As the EAGLE technologies are still under development, the overview is flexible enough to be continuously updated with new information and visual material.
- Updating the deliverable can be done in relatively short time.

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- As the deliverable might be updated in future by different people, the tool used to produce the overview needs to be intuitive and accessible enough to be handled without much prior training.
- The deliverable should be easy enough to share via social media.
- As EAGLE operates at different levels of abstraction (e.g. Pedagogical Concept versus the concrete tool to create a text on the platform), it has to be able to visualise these different levels.

### 3.2 Evaluated tools

A range of tools has been evaluated for the production of this deliverable. The following table lists the tools that were evaluated and their advantages and disadvantages:

TABLE 1. OVERVIEW OF EVALUATED TOOLS

Tool	Pros	Cons
<b>easel.ly &amp; pictochart.com</b>	<ul style="list-style-type: none"> <li>• Produces attractive infographics in little time</li> <li>• Intuitive user interface</li> </ul>	<ul style="list-style-type: none"> <li>• No animations</li> <li>• No videos</li> <li>• Difficult to present multi-faceted, detailed information</li> <li>• Not interactive</li> </ul>
<b>infogr.am &amp; venngage.com</b>	<ul style="list-style-type: none"> <li>• Interactive data visualization</li> <li>• Intuitive user interface</li> <li>• Produces infographics, charts in particular</li> </ul>	<ul style="list-style-type: none"> <li>• No videos</li> <li>• More suited to the presentation of numbers, facts and figures, less to the presentation of more complex or qualitative information</li> </ul>
<b>visme.com</b>	<ul style="list-style-type: none"> <li>• Produces animated slideshows</li> <li>• Intuitive user interface</li> </ul>	<ul style="list-style-type: none"> <li>• Difficult to present multi-faceted, detailed information</li> </ul>
<b>Adobe Animate CC</b>	<ul style="list-style-type: none"> <li>• Powerful software to produce animated, interactive visualizations</li> <li>• Can be used to produce modular presentations</li> <li>• Users can navigate themselves through the infographic</li> </ul>	<ul style="list-style-type: none"> <li>• Requires training to use</li> <li>• Updating visualisations is time-intensive</li> </ul>
<b>Adobe Illustrator</b>	<ul style="list-style-type: none"> <li>• Powerful software to produce static infographics</li> </ul>	<ul style="list-style-type: none"> <li>• Requires training to use</li> <li>• No videos</li> <li>• No animation</li> <li>• No interaction</li> <li>• Updating visualisations is time-intensive</li> </ul>
<b>Prezi.com</b>	<ul style="list-style-type: none"> <li>• Can be used for data visualisations and infographics</li> <li>• Users can navigate through the</li> </ul>	<ul style="list-style-type: none"> <li>• Not accessible</li> <li>• Hyperlinks and individual paths through the infographic are supported,</li> </ul>

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	<p>infographic themselves or follow a pre-defined path</p> <ul style="list-style-type: none"> <li>Information can be visualized as nested by zooming into the infographic</li> </ul>	<p>but only to a small extent</p>
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### 3.3 Tool selection

Comparing this evaluation with the requirements, we decided for the tool Prezi to produce this deliverable. As the Prezi format is not accessible, it will later be converted to a PowerPoint presentation and a video with transcript on YouTube.

## 4 Result

The following screenshots show the most important parts of the EAGLE Prezi.

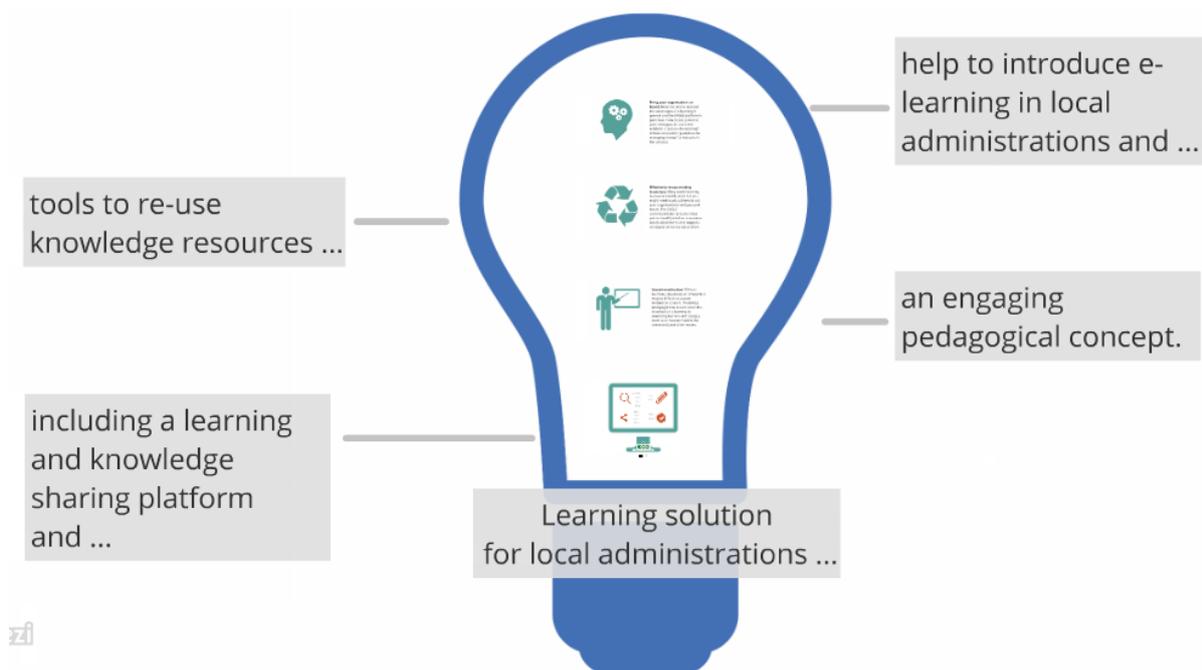


FIGURE 1. OVERVIEW OF LEARNING SOLUTION

The Prezi starts with the “big picture”, showing that the EAGLE learning solution does not only consist of yet another learning management system, but builds on an engaging pedagogical concept, includes contextualisation tools, help to support and manage change and is targeted to the specific needs of local administrations. Icons with the same size and colour were chosen to show which parts share the same level within the EAGLE overall concept.

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FIGURE 2. SEARCH, CREATE, NETWORK AND TEST: THE BASIC USES OF THE EAGLE LEARNING PLATFORM.

The Prezi then zooms in to the learning platform and its potential uses which basically are find, create, network and test. These four main functions are described not in text but by icons which will be easily understood by users who often browse the internet or use smartphones. The Prezi then zooms further into this overview and shows, one by one, different components of these functionalities. These descriptions can later be complemented by screencasts, pictures and links.

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All of these features can be used in a scenario like this ...



FIGURE 3. EXPLAINER VIDEO EMBEDDED INTO THE PREZI.

After having presented the basic features of the learning and knowledge sharing platform, the Prezi shows the EAGLE explainer video, which shows how this platform could be used for a specific scenario that is relevant to local administrations.

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**Bring your organisation on board:** Now that you've realised the advantages of e-learning in general and the EAGLE platform in particular: How do you convince your colleagues to use it and establish a culture of e-learning? EAGLE comes with "guidelines for managing change" to help you in this process.



**Effectively re-use existing resources:** Many useful learning resources already exist, but you might need to adjust them to suit your organisational and personal needs. The EAGLE contextualisation process helps you to identify whether a resource needs adjustments and suggests strategies on *how* to adjust them.



**Sustain motivation:** Without teachers, classmates or timetable it may be difficult to sustain motivation to learn. The EAGLE pedagogy helps to overcome this drawback of e-learning by rewarding learners with badges, metrics on "esteem" within the community and other means.

FIGURE 4. THE MORE HIGH-LEVEL COMPONENTS OF THE EAGLE LEARNING SOLUTION.

Finally, the Prezi zooms out again to show the wider context of this learning and knowledge sharing platform: Change Management, Contextualisation and Pedagogical Concept. Each of these components is briefly explained and can later be linked to further information, for example to an OER on Change Management for local administrations.

## 5 Impact

This deliverable is expected to have the following impact:

- Together with its PowerPoint version it serves as a common presentation of the EAGLE learning solution that all partners can use at conferences or fairs. This will help raise awareness of a variety of stakeholders.
- It can support the ongoing validation activities by providing validation partners a comprehensible and appealing overview of the EAGLE learning solution.
- It can be used internally as a reference document for the functionalities of the EAGLE learning solution that are relevant from a user perspective.

Impact will be assessed by the count of views on the Prezi website, on YouTube and on the corresponding section of the EAGLE website. Additionally, we envisage getting user feedback through either an integrated "call for action" (feedback question) and/or ask actual end users for their opinion on the usefulness of this explanatory multi-media tool.

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## 6 Further steps

The Prezi will be updated with new information (e.g. pictures of the graphical user interface, links to testing sites, links to OERs on the platform etc.) once it is available. To ensure accessibility, it will also be converted to a PowerPoint presentation and a video, which will be uploaded to the EAGLE YouTube-Channel together with a transcript of the text appearing in the presentation.