

CIRCULAR 4.0

1 Date & Time

18.9.2020 10.00 – 11.00, date of the minutes 5.10.2020

2 Organizer

Jožef Stefan Institute (JSI)

3 Action

Follow up on D.T.1.3.2 Setting-up the CE Alpine community on selecting most appropriate circular community learning e-tool (IT instrument) with the objective for establishment of digitally supported circular economy community and supporting implementation of some of the Circular 4.0 activities related to WP T2 in particular D.T2.2.3.

4 Participants (just organisations)

Institute Jožef Stefan (JSI), Technology park Ljubljana (TPLJ)

5 WP(s) of Reference

D.T1.3.2 Setting-up the CE Alpine Space community

D.T2.2.3 Elaboration of the training process

D.T2.2.4 Train-the-trainers course with the CE team

D.T2.2.3 Setting-up the toolkit to strengthen CE with digitalisation process

D.T1.3.2 Setting-up the CE Alpine community

6 Documents in Reference

Appendixes to the Minutes of the meeting (i.e. overview of proposed e-tools)

7 Key Words

E-tool (IT instrument) to support online actions of the Circular 4.0 community & share training materials and tools.

8 Agenda

Overview of e-tools (IT instrument)/assessment & evaluation of best e-tools.

9 Minutes

Following the online meeting on the 10th of June 2020 in the scope of the activity D.T1.3.2 Setting-up the CE Alpine community on selecting most appropriate circular community e-learning tool (IT instrument) with the objective for establishment of digitally supported circular economy community and supporting implementation of some of the Circular 4.0 activities related to WP T2 (in particular D.T2.2.3) as well as to mitigate the risks with implementing some project activities such as visits of partners, stakeholders and beneficiaries JSI in consultation with TPLJ assessed specialized educational/learning communication e-tools (IT instruments) that would enable more interactive on-line trainings, sharing digital interactive contents & provide a more interactive learning and information exchange with the most appropriate e-learning tool.

JSI and TPLJ followed up the actions agreed by the PPs on 10th of June and jointly assessed various e-tools (IT instruments) and on the 18th of September 2020 further options were assessed and evaluated:

- The usage of existing e-platforms of the project Circular 4.0 and other projects developed in the scope of Interreg Alpine Space (i.e., Smart Space project).
- Outsourcing services to develop a project specific platform/e-tool used for trainings and knowledge exchange.
- Exploring the most practical and economically advantageous e-platforms and tools commercially available on the market.

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The following community platforms proposed were assessed by the PPs:

| E-LEARNING PLATFORMS | Pluses (+) | Minuses (-) | Price |
|--|--|---|---|
| Smart Space , https://www.smartpacehub.eu/ | It is useful for uploading important documents and various tools, as well as networking with various stakeholders and connecting experts in the field of digital transformation, which we will use within other activities of the Circular4.0 project, if necessary. | The platform does not have the functionality designed to perform real-time online training - because there was no need for it at that time. It also does not have a user-friendly interface for uploading educational video content and an appropriate online knowledge testing system. | Free (no extra charges) until project expiration |
| Circular 4.0 (web) , https://www.alpine-space.eu/projects/circular4_0/en/home | Normal web portal | Suitable for project documents repository, project deliverables. | Free (no extra charges) until project expiration |
| Cluster4smart.eu (on platform Chamilo.org) , https://cluster4smart.eu/ | Drupal platform specialized for e-learning. | Problem for hosting and administration, special knowledge needed. | Costs: 15.000-45.000 USD (12.730 EUR-38.192 EUR) |
| TalentsLMS https://www.talentslms.com/tour | Cloud platform for e-learning | Unlimited storage, unlimited lessons, limitation based on registered users, who can be dynamically adjusted. Combined media (video, surveys, presentation, curricula tools (directed learning, free choose, certificate), different groups, integrated video conference. Free version to start for 10 lessons and 5 users. Monthly fee based on registered users count. Full feature list in Appendix 1. Prices on Appendix 3. Online | Costs: free (up to 5 users)- 429 USD/month (up to 1000 users=) (recommended up to 100 users 129USD/month=109 EUR/month). See pricing in annex |

D.T1.3.2 Setting-up the CE Alpine community

| | | | |
|---|---|---|-------------------------|
| | | help for every process. | |
| MiTeam LTFE, University Ljubljana https://di.uni-lj.si/ | Larger platform for document, project management with module for e-learning | Limitation based on registered users, who can be dynamically adjusted. Combined media (video, surveys, presentation, curricula tools (directed learning, free choose, certificate), different groups, integrated video conference. Yearly fee & setup. Module e-learning is actually, TalentLMS like (same open-source solution base). Suitable, but to high yearly costs (appendix 2). | Offer: 22.710 EUR total |

TP LJ and JSI propose to the PPs the following actions:

1. To use the main Circular4.0 project web page for regular work activities, for publication of news, events and repository of project results (including any training videos) http://alpine-space.eu/projects/circular4_0/en/home. The conclusion is therefore that we do not need a new platform for the entire Circular4.0 project.
2. Due to the Covid situation and specific needs for more digitally implemented actions in the Circular 4.0 (in part substituting physical meetings that are not possible to be organized) such as trainings & sharing learning tools an e-tool was proposed to be used, enabling a more interactive & end users friendly communication and proactive participation of the project partners and Circular4.0 community (i.e. also enabling closer interactions with the project beneficiaries & general publics and SME's). Analysing multiple tools (see table above) we recommend using the TalentLMS tool as the most practical, optimal and user friendly and economically advantageous tool: (<https://www.talentlms.com/tour>). This is an e-groups/community management tool with additional functionalities enabling interactivity and combining different media required for trainings, sharing tools etc. Detailed features are explained in Appendix 1.
3. The tool will primarily be used for the tasks of train the trainers & tools sharing & local actions & virtual study tours in the scope of D.T2.3. and some other Circular 4.0 actions (D.T2.1.1.; D.T2.2.2; D.T2.3.1. and some others) and presumably also for the implementation of all local trainings that cannot take place live during the project duration due to restrictions with traveling because of the Covid 19.

D.T1.3.2 Setting-up the CE Alpine community

Setting-up the e-learning content (for 10 lessons) is free of charge (using free version). Later we can use starter version (59 EUR per month, 649 EUR per year with yearly payment, 40 users). For peak situations we can use Basic (100 users, 159 EUR) or Start version (500 users, 329 EUR) on a monthly payment basis. Price models are described in Appendix 3.

If it will be possible to partially implement certain online support for pilots, virtual study tours or other activities through the tool, we will also use this tool for these purposes upon the decision made by the project partners.

Among the assessed tool as the best tool for learning and setting up a Circular4.0 community to mitigate some Covid 19 related risks with the project implementation it is therefore proposed to the PPs to acquire the Talentslms: <https://www.talentslms.com/tour>.

4. The Smart Space Hub platform was considered for use as well but cannot be used for the purpose of conducting online training for several reasons (interactivity, enabling feed-back, visualization of presentations, Q&A, live interactions with participants etc.)

10 Decisions taken / next steps

1. Upon the market analysis made by JSI of the existing available IT platforms on the market JSI will according to the procurement rules select IT service in the scope of:

- a.) D.T.1.3.2 Setting up the CE Alpine community
- b.) D.T.2.2.3. Local training actions addressed to intermediaries and service providers, and potentially also other activities within WP T2.

2. The agreement about the administration of the selected IT platform will be taken into account within D.T4.3.2 to be available for the CE Alpine Space/Circular4.0 community after the Circular4.0 project finalizes (2 or 3 years after).

11 Other Comments (appendixes)

Link to proposed tool: <https://www.talentslms.com/tour>

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Appendix 1

TalentLMS features

Course Management

- **Content-friendly**

Build courses by re-using presentations or videos you already have or by consuming content from web-sources.

- **Scorm & xAPI**

Support for the latest industry-standard in content interoperability.

- **Assessments Engine**

Support for multiple types of questions and a variety of test types. Extensive reporting on test results.

- **Surveys Engine**

Collect and analyze survey responses.

- **Learning Paths**

Restrict the way that courses can be completed, or course content can be viewed.

- **Files repository**

Organize, reuse and share files with selected users.

Learning Delivery

- **Blended learning**

Mix eLearning with instructor-led training. Deliver instructor-led training events either in a classroom or via videoconferencing. [Read more >](#)

- **Gamification**

Bring your courses to life with Badges, Points, Levels, Rewards and Leaderboards. Customize your gamification experience to the maximum through the Gamification Engine. [Read more >](#)

- **Certifications**

Easily design your own certifications that are valid for predefined periods of time. Support a variety of compliancy scenarios that might require a re-certification.

- **Rich communication tools**

Support for Personal messages, Calendar and Discussion forums.

- **Videoconference support**

Meet with the integrated videoconference. Additional support for various videoconference solutions.

- **Ecommerce**

Sell your courses via PayPal or Stripe. Offer global discounts or coupons. Sell individual courses or offer them via a subscription payment.

Enterprise-Ready

- **Reporting**

Extensive reporting about everything within your eLearning environment. A timeline of all system actions for access to what happened, by whom and when. A report generator to delve into details.

- **Branching**

Segment your learning environment to branches. Each branch is like a separate installation with its own users, courses and theme.

- **User types**

Limit users' access to certain functionalities via custom user types.

- **Single Sign-On (SSO)**

LMS - SSO integration: Support for LDAP, SAML2 and Active directory. Available integrations with Okta and OneLogin identity management systems.

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- **Mass actions**

Minimize your administrative overhead with mass and automated actions.

- **Course Store**

Buy 100s of premade courses from our eLearning providers. Or subscribe to TalentLibrary™, our growing collection of ready-made courses.

- **API**

An extensive Rest-API to communicate with your learning portal and get the data you need.

- **Extensible profiles**

Add custom info fields to your user profiles or courses and enrich the details you collect and report upon.

- **Security**

Work over a secure communication channel. Enforce strong passwords. Add watermarks on your videos. No matter your security requirements, TalentLMS has you covered.

- **Integrations**

Integrate with over 200 services through Zapier. Native integrations with Shopify, Salesforce, WordPress and GoToMeeting.

- **GDPR-friendly**

Easily comply with GDPR with features that let you respect users' privacy. Use Terms of Service to collect approval, exclude users who have opted out of data collection in your reports and allow users to self-delete.

White-labeling

- **Customizable**

Use your own domain and logo. Customize your communication emails. Tailor the system in depth to fit your precise needs.

Themeable

Customize the look and feel of your portal. Add your own CSS or JavaScript on top of it.

- **Homepage builder**

Create a modern public website on top of your learning portal. Extend it with pages that are available only to logged-in users.

- **Make it yours**

Discover everything you can change inside TalentLMS to create your ideal learning platform.

System

- **User interface**

Responsive design that fits any device. Scalable visual elements that are retina screen ready.

- **Web standards**

Built on top of the most modern web standard and technologies.

- **Accessibility**

Conforms to WCAG-2 accessibility requirements.

- **Multilingual**

Available in multiple languages.

- **Mobile**

Native applications for iOS and Android devices.

- **Infrastructure**

Blazing fast servers combined with Amazon's CDN for speedy file delivery.

D.T1.3.2 Setting-up the CE Alpine community

Appendix 2

MeTeam Offer

Univerza v Ljubljani
 Fakulteta za elektrotehniko



LTFE Laboratorij za
 telekomunikacije

Laboratorij za telekomunikacije
 Fakulteta za elektrotehniko
 Univerza v Ljubljani
 Tržaška cesta 25
 1000 Ljubljana, Slovenija
 ID: SI11015489
 Matična št.: 1626965
 Telefon: 01 47 68 150
 Splet: www.ltfe.org
 E-pošta: rok.zurbi@ltfe.org

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 Institut "Jožef Stefan"
 Teslova ulica 30
 SI-1000 Ljubljana

9.9.2020

ZADEVA: Ponudba za vzpostavitev in najem multimedijske platforme v oblaku

Spoštovani,

Skladno z vašim povpraševanjem vam posredujem okvirno ponudbo za vzpostavitev in najem multimedijske platforme ECHO+ v oblaku.

Ponujena različica obsega repozitorij multimedijskih vsebin, modul »e-učenje«, avdio-video konferenco in spletni seminar (webinar), orodja za podporo skupnosti uporabnikov (imenik, sporočanje). Storitve najema obsega gostovanje v varnem oblaku na strežnikih ponudnika v Sloveniji, vzdrževanje in nadgradnje programske opreme ter podporo administratorjem sistema.

Najem se obračunava po številu uporabniških licenc. Število ponujenih licenc določa sočasne uporabnike na sistemu ter registrirane uporabnike. Ponujena različica omogoča, da je število registriranih uporabnikov 3-kratnik števila sočasnih. Registrirani uporabniki so poimenski in se lahko menjajo na mesečni osnovi.

Poleg storitev najema ponujamo tudi storitve začetne konfiguracije in prilagoditve aplikacije na zahteve naročnika. Storitve obsegajo prilagoditev uporabniškega vmesnika, konfiguracijo specifičnih metapodatkov za opis in razvrščanje vsebin, pripravo imenika in morebitno povezovanje z drugimi sistemi. Obseg storitev je ocenjen na 5 – 10 dni in se prilagodi glede na potrebe naročnika.

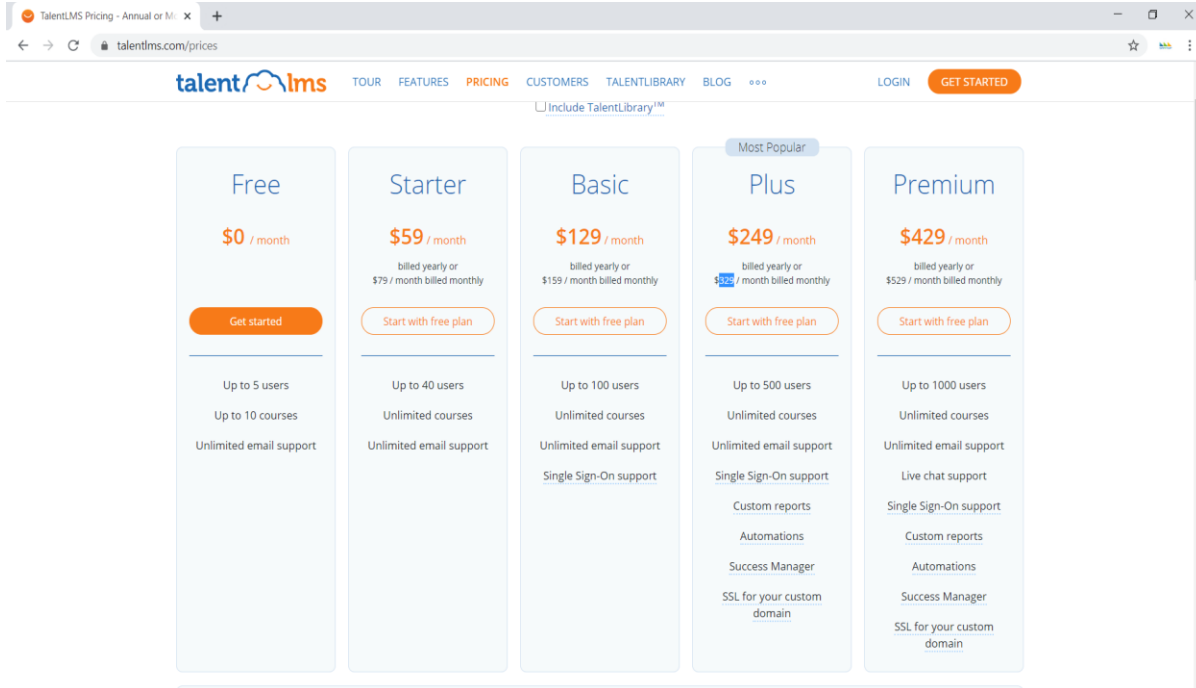
| Storitev | Cena v EUR (brez DDV) |
|---|-----------------------|
| Najem multimedijske platforme – 100 sočasnih (300 reg) uporabnikov / leto | 9.600 |
| Najem multimedijske platforme – 50 sočasnih (150 reg) uporabnikov / leto | 5.760 |
| Storitve konfiguracije in prilagajanja; 5 - 10 svetovalnih dni | 2.450 – 4.900 |

Izvedbeni rok: po dogovoru z naročnikom
 Veljavnost ponudbe: 30.9.2020

V pričakovanju vašega odgovora vas lepo pozdravljam,
 Rok Žurbi

Appendix 3

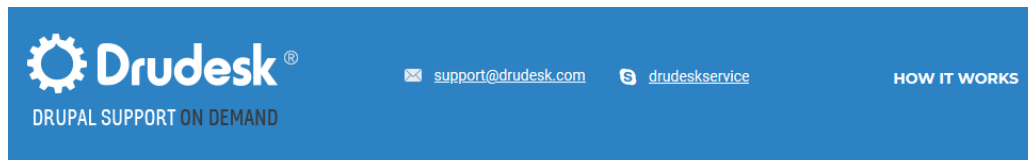
D.T1.3.2 Setting-up the CE Alpine community



The screenshot shows the TalentLMS Pricing page with the following details:

| Plan | Price / month | Users | Courses | Support | Additional Features |
|---------------------|---------------------------------|------------|-----------|-----------------|---|
| Free | \$0 | Up to 5 | Up to 10 | Unlimited email | None |
| Starter | \$59 (or \$79 billed monthly) | Up to 40 | Unlimited | Unlimited email | None |
| Basic | \$129 (or \$159 billed monthly) | Up to 100 | Unlimited | Unlimited email | Single Sign-On support |
| Plus (Most Popular) | \$249 (or \$329 billed monthly) | Up to 500 | Unlimited | Unlimited email | Single Sign-On support, Custom reports, Automations, Success Manager, SSL for your custom domain |
| Premium | \$429 (or \$529 billed monthly) | Up to 1000 | Unlimited | Unlimited email | Live chat support, Single Sign-On support, Custom reports, Automations, Success Manager, SSL for your custom domain |

Appendix 4



Drudesk
 DRUPAL SUPPORT ON DEMAND
 support@drudesk.com | drudesk.service | HOW IT WORKS

Educational Website

\$15,000 to \$45,000

Key features:

- multilingual feature
- multisite
- live chat
- news and events
- contact information
- third-party integrations
- about
- social media integration

Each additional functionality or feature means additional expenses. For one, a business website might include 10 pages, while the other one will have only 3 but include such additional features as multilingualism, third-party integrations, etc. As a result, the cost for the second site will be higher, because you pay for functionality, not web pages. There are also expenses you can't avoid, such as SSL certificate, hosting, design solution, SEO, and more. You should agree on pricing with your solutions provider before the development process.

<https://drudesk.com/blog/cost-to-build-drupal-website>