



How VET stakeholders are facing the COVID-19 emergency



1. Introduction

This document brings together a series of resources put together from different information sources:

- main initiatives of international organisations active in the field of education and training;
- resources shared on various EU platforms;
- resources shared through the [survey \(now closed\)](#);
- resources identified by the ET 2020 Working Group on Innovation and Digitalisation in VET.

DISCLAIMER: THE EUROPEAN COMMISSION CANNOT BE HELD RESPONSIBLE FOR THE QUALITY AND THE CONTENT OF THE RESOURCES LISTED BELOW OR FOR ANY USE, WHICH MAY BE MADE OF THE INFORMATION HEREIN.

Information sources

- OECD published a report on Education responses to COVID-19 on 23 March 2020
<https://oecdeditoday.com/education-responding-coronavirus-pandemic/>
- Google for Education in helping schools facing closure due to COVID-19
https://edu.google.com/latest-news/covid-19-support-resources/?modal_active=none&topic=view-all
- The School Education Gateway has published well-structured information linking to useful tools for teachers facing school closure in response to COVID-19
<https://www.schooleducationgateway.eu/en/pub/latest/news/key-competence-development.htm>
- Electronic Platform for Adult Learning in Europe (EPALE) - a dedicated COVID-19 banner has been created on the platform
<https://epale.ec.europa.eu/en/search/site/e-learning?page=4>
and many of the current blogs treat the issue
<https://epale.ec.europa.eu/en/blog/covid-19-reviving-need-explore-online-teaching-and-learning-opportunities>
- Estonia, shares all of its digital education tools to support other countries' education systems during the COVID-19 crisis. The list of tools that are internationally available is here:
<http://education-nation.99math.com/>
- The Croatian authorities have published guidelines for virtual assessment and shared their experience in English <https://skolazavot.hr/english/>
- Work done by UNESCO
<https://en.unesco.org/themes/education-emergencies/coronavirus-school-closures/solutions>

- On online tools and back to school strategies
<https://en.unesco.org/covid19/educationresponse/webinars>
<https://unevoc.unesco.org/home/commented+list+of+platforms+and+services&context=>
- Edublogger on resources for teaching online due to school closures
<https://www.theedublogger.com/teaching-online-school-closures/>
- ETF has a blog on how partners countries are coping with COVID-19
<https://openspace.etf.europa.eu/>
 and a mapping of responses in ETF partner countries
https://www.etf.europa.eu/sites/default/files/2020-04/mapping_covid_150420_0.pdf
- DG EAC repository of online tools https://ec.europa.eu/education/resources-and-tools/coronavirus-online-learning-resources_en
- World Bank Blog: Managing the impact of COVID-19 on education systems around the world: How countries are preparing, coping, and planning for recovery
https://blogs.worldbank.org/education/managing-impact-covid-19-education-systems-around-world-how-countries-are-preparing?CID=WBW_AL_BlogNotification_EN_EXT
- The Harvard Graduate School of Education and the OECD are collaborating in the development of a framework to support governments in devising education responses to the Covid-19 Pandemic. They have launched a survey for contributions:
https://harvard.az1.qualtrics.com/jfe/form/SV_3f4XNi1b6uePs7X
- ILO has launched a survey similar to the one by DG EMPL among non EU countries on reactions to COVID-19
https://www.ilo.org/skills/Whatsnew/WCMS_740668/lang--en/index.htm
 interim results are published on a weekly basis
https://www.ilo.org/skills/WCMS_741397/lang--en/index.htm
- Obessu, the Board of Secondary Students Unions, published a position paper on COVID-19 impact
<https://www.obessu.org/resources/documents/obessu-reactions/obessu-reaction-to-the-impact-of-covid-19-on-general-secondary-education-and-vocational-education/>
- HundrED, a network of innovators, has published a list of useful tools
<https://hundred.org/en/collections/quality-education-for-all-during-coronavirus>
- McKinsey has published an analysis of jobs being impacted by the COVID crisis
<https://www.mckinsey.com/industries/public-sector/our-insights/safeguarding-europes-livelihoods-mitigating-the-employment-impact-of-covid-19>

2. General communication, collaboration, editing tools

- Adobe Connect
<https://www.adobe.com/products/adobeconnect.html>

- G Suite For Education
https://edu.google.com/intl/es-419/products/gsuite-for-education/?modal_active=none
- Edmodo allows communication, collaboration and learning tools for students and teachers, allow teachers to share content, distribute questionnaires, homework, surveys and manage communication with students, colleagues and parents
<https://new.edmodo.com/?go2url=/home>
- Telegram, a cloud based messenger app
<https://telegram.org/>
- Microsoft teams
<https://www.microsoft.com/en-us/education/products/teams>
- Discord
<https://twitter.com/discordapp/status/124000824799555937?s=20>
- Moodle
<https://moodle.org/>
- Google Classroom
<https://classroom.google.com/>
- Google Meet
https://meet.google.com/_meet
- Easyclass create online classes, store the course materials online; manage assignments, quizzes and exams; monitor due dates; grade results and provide learners with feedback
<https://www.easyclass.com/>
- Through the CANVASS + video editor, every teacher and / or trainer, even those with low digital skills, can create multimedia training packages for their learners (from the project www.canvass.eu)
<http://canvass.media/>
- <https://web.seesaw.me/>
- Genial for infographics, quizzes, posters
<https://www.genial.ly/>
- Kahoot for creating learning games
<https://kahoot.com/>
- Tool to create video, 360 images
<https://www.thinglink.com>
- Edx founded by Harvard and MIT is for online University level programmes and continuous vocational training for companies (fees possible)
<https://www.edx.org/about-us>
- Zoom - communication

- <http://www.zoom.us>
- E-learning platform
<https://www.openeclass.org/>
- Virtual learning environment, flipped classrooms
<https://iteach.world/en>
- Amazon allows you to create your own books, and can be used to generate own notes for learners
<https://www.amazon.com/gp/seller-account/mm-summary-page.html?topic=200260520>
- <https://www.etwinning.net/el/pub/index.htm>
- Edpuzzle allows to add explanations (oral/written) to a video
<http://bit.ly/edpuzzlepro>
- BookCreator - digital books with text, images, videos etc.
<http://bit.ly/BookCreatorpro>
- Tynker - programming tool
<http://bit.ly/TynkerPro>
- BrainPOPesp - free access during Covid-19 crisis
<http://bit.ly/BrainpopPro>
- <https://learningapps.org/about.php> is a tool to support learning and teaching processes with small interactive modules. Those modules can be used directly in learning materials, but also for self studying. The aim is to collect reusable building blocks and make them available to everyone.
- Claster
<https://www.claster.com/>
- Schoology
<https://www.schoology.com/>
- Free quizzes for learners
<https://quizizz.com/>
- Interactive worksheets for assessment
<https://wizer.me/about-us>

3. Content for online learning

- <https://alison.com/courses/categories>
- For middle and high school science studies
<https://www.foxcademy.com/>
- A comprehensive online learning platform (ICT, business, graphic design)

- <https://www.ecollege.ie/moodle/>
- Materials to carry out challenges related to cybersecurity
<http://www.cyvetsecurity.eu/intellectual-outputs/>
- EAA Home Learning Support for Parents and Guardians
<https://www.wise-qatar.org/eea> provides-home-learning-support-for-parents-and-guardians/
- The Amsterdam University of Applied Sciences has launched a course on “online education training”
<https://digitalsocietyschool.org/event/online-education-training/>
- A list of resources for learning, work and entertainment during this time of social distancing
<https://alldigitalweek.eu/stay-home-digital-toolkit/>
- Online course to develop skills for looking and starting a job – in EN RO ES DE FR TR
<http://www.emplovet.eu/>
- A tutorial to develop a professional portfolio, with some examples in different languages
<http://deltaportfolio.eu/>
- Resources for Adult learning
<https://epale.ec.europa.eu/fr/home-page>
- Science Education in Europe resources
<http://www.scientix.eu/>
- Modules from Erasmus+ project
www.eurocatering.org
<http://esolams.eu/unity/>
- Training for trainers – Online Training Festival
<https://trainersforum.org/about/>
- Coursera
<https://www.coursera.org/>
- <https://codeweek.eu/resources/teach>
- European Portal for energy efficiency
<https://www.buildup.eu/en/learn>
- Build online business
<https://www.prestashop.com/es>
- Weebly builds a site or an online shop
<https://www.weebly.com/uk>
- Example of online laboratories (possible fees)

- <https://www.labster.com/>
- <https://digitalliteracy.skola.edu.mt/>
- Digital resources
www.curriculum.gov.mt
- <https://www.oep.fi/omnia-education-partnerships-launches-a-free-online-course-on-entrepreneurship/>
- OMRON (business) E-Learning training platform (industrial automation – several languages)
<https://industrial.omron.it/it/services-support/training/elearning>
- Cybersecurity training
<http://bliss-project.eu/>
- Web development
<https://www.w3schools.com/>
- Human rights education
<https://www.amnesty.org/en/latest/education/>
- Heavy vehicles training
<https://www.electude.com>
- <https://www.wordreference.com/>
- First car diagnostic
<https://www.fcd.eu/home?version=EN>
- Scania learning portal
<https://scania.csod.com/client/scania/external.aspx>
- Artificial intelligence
<https://www.elementsofai.com/>
- Programming tools
<https://scratch.mit.edu/about/>
- <https://nodered.org/> and <https://nodered.org/docs/>
- Platform for App creation for businesses
<https://www.mendix.com/>
- Block chain demo
<https://blockchainedemo.io/>
- Data analytics
<https://www.knime.com/knime-introductory-course>
- Metal industry in 4 languages
<https://metals.mobil-lernen.com/en/elearning>

- Courses in automation in DE and EN
<https://www.xplore-dna.net/>
- Khan Academy in 40 languages, also available for phone Apps
<https://www.khanacademy.org/>
- Online modules for accessible tourism
<https://www.accessibletourism.org/?i=enat.en.accessible-tourism-training>
- Erasmus+ project
<https://adulthoodeducationonline.eu/>
- CINTERFOR Inter-American Centre for Knowledge Development in Vocational Training provides several courses in Spanish and English
<https://www.oitcinterfor.org/en>
<https://www.oitcinterfor.org/en/node/7757>
- Erasmus+ project on Business Process Management Skills (EN, BG)
<http://ivbpm.bicero.com/>
- Pearson is a company offering free of charge, time-limited, access to web-based learning resources, including online practice exams and on-demand video-based courses - Full details of the learning offer: <https://www.pearson.com/news-and-research/working-learning-online-during-pandemic.html> also entrepreneurship, Business communication etc.
- [REACH](#) Erasmus+ project on mobile app for basic skills

4. Augmented and virtual reality technologies for VET (from ET2020 Working Group on VET)

Overview

- <https://www.ebsco.com/blog/article/top-10-augmented-reality-tools-for-the-classroom>
- <https://www.teachthought.com/technology/32-augmented-reality-apps-for-the-classroom-from-edshelf/>

Applicable Apps

- [ZooBurst](#)
- [Layar](#) connects digital content with the real world (AR)
- [SightSpace Pro](#) digital models visible as real life buildings (AR)
- [Chemistry 101](#) virtual chemistry laboratory (AR)
- [Anatomy 4D](#) visual presentation for anatomy
- [Augmented](#) (visualize 3d models in the real environment – AR)
- [Wikitude](#) AR browser
- [daqri](#) Portal for AI experiences

- [VRhoogte \(EN, NL\)](#) – training for the height
- [REALTO](#)

5. Online training in different languages:

For learning/training English (and math):

- <https://agendaweb.org/>
- <https://learnenglish.britishcouncil.org/>
- <http://www.ello.org/>
- https://freeeslmaterials.com/sean_banville_lessons.html

In Croatian

- For VET
<https://nastava.asoo.hr>
- Istraživanje tržišta 0 Marketing lessons
https://youtu.be/S_w6GG0Y-UY
- Informatics lesson example
<https://youtu.be/wy773HgsDtk>
https://youtu.be/pz_XiUBT794
- Example youtube channel
https://www.youtube.com/channel/UC5Pc8eYD_wqVLchw1DUFsMA/videos
- Some quiz examples
<https://bit.ly/2whsbor>
<https://bit.ly/34afKr3>

In Czech

- <https://www.mlp.cz/cz/katalog-on-line/eknihy/>
- <http://kramerius.nkp.cz/>
- <https://www.pablikado.cz/studijni-kolekce>
- http://helen.npicr.cz/experty/dotazniky/dotazniky_nastroje.php?id_dotazniku=42&id_ucastnika=&zobrazit_vysledky=prehled_nominaci

In Dutch

- <https://onderwijs.vlaanderen.be/nl/alternatieve-vormen-van-leren>
- C-VET platform (registration required)
<https://teo.training/nl/>
- STEM Skills

<https://rvo-eclassroom.be/>

<https://sites.google.com/view/thuisinstem/homepage>

- Training for teachers/trainers

<https://mbo.lesopafstand.nl/> and <https://www.surf.nl/>

- <https://www.mбораad.nl/corona-faq>

- Green sector

<https://www.groenkennisnet.nl/nl/groenkennisnet/leermateriaal.htm>

- Example of online modules

https://xerte.deltion.nl/play.php?template_id=852#page1

In Danish

- <https://videnscenterportalen.dk/vihda/2020/03/23/youtube/>

- www.emu.dk

In Estonian

- <https://www.hitsa.ee/e-ope-korduma-kippuvad-kusimused/oppekeskkonnad-ja-tooriistad>

- Webinars

<https://www.hitsa.ee/e-ope-korduma-kippuvad-kusimused/veebiseminarid>

- https://e-koolikott.ee/?_ga=2.89553947.1818592879.1584532635-939951514.1578903532

In Finnish

- Library of Open Educational Resources (OER), which can be used for searching, finding, compiling, and sharing open educational resources from all levels of education (also in EN, SE)

<https://aoe.fi/#/etusivu>

- The collections of Finnish archives, libraries and museums

www.finna.fi

In French

- The Etincel platform designed in partnership with companies or professional organizations offers VET sectors digital resources (animations, serious games, videos) and many instructional scenarios that can be modified by teachers and trainers

<https://www.reseau-canope.fr/notice/etincel.html>

- Access directly to links for online material

<https://eduscol.education.fr/pid39543/continuite-pedagogique.html>

- <https://lycee.cned.fr/login/index.php>

- <https://openclassrooms.com/fr/>

- VET specific

- <http://formation-distance-inscription.leforem.be/catalogueleforem/>

- <https://www.emploi-box.be/>

- Ma Classe à la maison (explanations with subtitles in EN)

- <https://www.youtube.com/watch?v=QaeLMKh2fBQ&feature=youtu.be>

- <https://www.education.gouv.fr/sites/default/files/2020-03/learn-more-about-insuring-educational-continuity--51966.pdf>

Digital topics

- <http://numeria.be/>

- E-learning platform

- https://elearning.cfwb.be/index.php?id=ead_accueil

- For Higher Education and Adult education: "ma classe"

- <https://maclasse.crp.education>

- ICT

- <https://openclassrooms.com/fr/courses>

- Basic digital skills

- <https://www.123digit.be/fr/>

In Greek

- http://www.moec.gov.cy/endeiktiko_yliko.html (in Greek, underdevelopment)

- <https://eclass.sch.gr/>

- <https://dschool.edu.gr/>

- <http://aesop.iiep.edu.gr/>

- <http://ebooks.edu.gr/new/>

- <http://photodentro.edu.gr/aggregator/>

- <http://www.study4exams.gr/>

- <https://www.britishcouncil.gr/programmes/education/schools/inclusive-schools>

- <http://www.sqllearn.gr/e-learning-kata-tin-pandimia-koronoiou/>

- <http://eclass.iekmesol.sch.gr> (require registration)

- <https://diek-spartis.weebly.com/>

- <http://iek-patras.ach.sch.gr/openeclass/openeclass/>

In Italian

- <https://www.istruzione.it/coronavirus/didattica-a-distanza.html>

- Webinar calendar by INDIRE

<http://www.indire.it/la-rete-di-avanguardie-educative-a-supporto-dellemergenza-sanitaria/>

- RAI TV school - Toolbox on robotics – robot programming

<http://www.scuola.rai.it/articoli/toolbox4-programmiamo-il-nostro-primo-robot/43270/default.aspx>

In Portuguese:

- Support to Schools

<https://apoioescolas.dge.mec.pt/>

- Escola Virtual

<https://www.escolavirtual.pt/>

In Polish

- <https://crted.wrotapodlasia.pl/>

In Romanian

- <http://cndiptfsetic.tvet.ro/index.php/84-materiale-de-predare>
- <http://cndiptfsetic.tvet.ro/index.php/168-instrumente-de-evalare-a-compeentelor-specifice-calificrilor>
- <http://cndiptfsetic.tvet.ro/index.php/168-materiale-de-invatare>
- VET courses explained by sector

http://www.tvet.ro/Anexe/4.Anexe/Aux_Phare/Aux_2006/

In Slovak

- <https://viki.iedu.sk/resources/browser/verejne>
- www.ucimenadialku.sk
- In Slovenian (those in yellow are pending as they might not work anymore)
<https://skupnost.sio.si/>
- LinkedIn learning
<https://www.academia.si/novice/brezplacni-tecaji-za-ucitelje-in-predavatelje-za-izvajanje-izobrazevanja-na-daljavo/>
- For students / employees
<https://www.academia.si/novice/brezplacni-tecaji-za-studente-in-zaposlene-za-delo-in-studij-od-doma/>

In Spanish

- <http://www.educacionyfp.gob.es/fpadistancia/inicio.html>
- Access to all portals for VET distance learning (by region)
<http://www.educacionyfp.gob.es/fpadistancia/oferta-formativa/oferta-formativa-comunidades.html#ancla00-12>
- <http://recursostic.educacion.es/fprofesional/simuladores/web>

- <http://www.todofp.es/en/sobre-fp/informacion-general/sistema-educativo-fp/como-conseguir/modalidad-distancia.html>
- Labour law courses
<https://sites.google.com/view/folempresa/folempresa>
- <https://www.altamar.es/profesorados/index>
- <https://www.ergonautas.upv.es/>
- <http://www.aulammentor.es>
- <http://www3.gobiernodecanarias.org/medusa/portal/>
- Cerebrity - gamification for lessons
<https://edu.cerebriti.com/>
- <https://intef.es/recursos-educativos/>
- Training on business topics
<https://www.sdelsol.com/>
- Typing fast course
<https://www.cursomecanet.com/mecanet/>
- <http://recursostic.educacion.es/bancoimagenes/web/>
- <https://cedec.intef.es/recursos/>
- <https://www.educaciontrespuntocero.com/recursos/crear-infografias/>
- <http://procomun.educalab.es/es>
- <https://www3.gobiernodecanarias.org/educacion/cauce/catalogo/Services/Details/ServicioCatalogo/136>
- <https://www.educacionyfp.gob.es/prensa/actualidad/2020/03/20200321-mefprtve.html>
- <https://intef.es/recursos-educativos/recursos-para-el-aprendizaje-en-linea/recursos/formacion-profesional/>
- Aprender Gratis - free on line training with more than 2000 courses
<https://aprendergratis.es/>
- Platform with free courses for entrepreneur
<https://www.unimooc.com/>
- Distance University courses
<https://www.uned.es/universidad/inicio>
- <https://miriadax.net/cursos>
- <https://blogsaverros.juntadeandalucia.es/eaprendizaje/ciclos-formativos/>
- <https://sites.google.com/view/folebreakoutedu/página-principal>

In Serbian

- <https://zuov.gov.rs/alati/>
- <https://mojaskola.rtsplaneta.rs/list/537/strucni-predmeti>

In Turkish

- Integrated online e- platforms e.g. Turkish VET Map opened for all provinces in Turkey in 2019
<http://meslekiegitimharitasi.meb.gov.tr/>
- My Job My Life
<https://meslegimhayatim.meb.gov.tr/>
- The E-Graduate system E-Graduates website
<https://emezun.meb.gov.tr>
- Online educational platform for children and youth in Turkey
www.eba.gov.tr

In Azerbaijani

- Video lessons developed by the Baku State Innovation and Industry Vocational Education Center are available on the Center's YouTube channel
https://www.youtube.com/channel/UCQ7S5s9qCKp0vW1WdVu_ing
- Facebook page
<https://www.facebook.com/bakustateindustryinnovation>
- Ministry of Education's video portal
<https://video.edu.az/vocational-school>
- Daily TV lessons for the secondary and post-secondary (VET) level learners which can also be followed from the YouTube channel of the Ministry of Education by using the following link
<https://youtu.be/VfNZGJiKFA>

In Armenian

- Online initiative to support digital and online education to face the consequences of COVID-19 affecting schools
<https://heravar.amedu.am/>