
Poboljšavanje kvalifikacija radne snage za učinkovitije suočavanje s izazovima digitalne transformacije - projekt DIS4SME

Hrvoje Matijević

hrvoje.matijevic@unin.hr

Vlado Cetl

vlado.cetl@unin.hr

Nikola Kranjčić

nkranjcic@unin.hr

Digital Europe Programme (DEP)

<https://digital-strategy.ec.europa.eu/en/activities/digital-programme>

- Pod višegodišnjim finansijskim okvirom 2021.-2027.
- Ojačati Europu za odgovaranje na trenutne globalne izazove kroz jačanje kapaciteta (istraživanje $\leftrightarrow$ primjena na tržištu)
- Podrška za projekte u domeni AI, kibernetičke sigurnosti, naprednih digitalnih vještina, ...
- Preko 7.9 Mrd. EUR
- Posebno izdvojeno:
- **Small medium enterprises (SME)**



The screenshot shows the official website of the Digital Europe Programme. At the top, there is a navigation bar with the European Commission logo, the text 'European Commission', a language selector set to 'English', and a search box. Below this is a blue header with the title 'Shaping Europe's digital future' and a navigation menu with links: Home, Policies, Activities, News, Library, Funding, Calendar, Consultations, and AI Office. The main content area has a breadcrumb trail: Home > Activities > The Digital Europe Programme. The title 'The Digital Europe Programme' is prominently displayed. The text describes the programme as an EU funding initiative focused on bringing digital technology to businesses, citizens, and public administrations. It highlights the critical role of digital technology and infrastructure, mentioning the challenges posed by the COVID-19 pandemic and Russia's war of aggression against Ukraine. The programme provides strategic funding in key areas like supercomputing, artificial intelligence, cybersecurity, and digital skills. It supports industry, small and medium-sized enterprises (SMEs), and public administration. A new capacity area on semiconductors was added in September 2023 under the Chips Act. The overall budget is over €7.9 billion, aiming to shape the digital transformation of Europe's society and economy in line with EU goals defined in the Communication - 2030 Digital Compass and the Policy Programme - Path to the Digital Decade.

Shaping Europe's digital future

Home | Policies | Activities | News | Library | Funding | Calendar | Consultations | AI Office

Home > Activities > The Digital Europe Programme

The Digital Europe Programme

The Digital Europe Programme (DIGITAL) is an EU funding programme focused on bringing digital technology to businesses, citizens and public administrations.

Digital technology and infrastructure have a critical role in our private lives and business environments. We rely on them to communicate, work, advance science and answer current environmental problems. The COVID-19 pandemic highlighted not only how much we rely on our technology to be available to us, but also how important it is for Europe not to be dependent on systems and solutions coming from other regions of the world. Russia's war of aggression against Ukraine has further exposed the vulnerabilities in our digital supply chains and the importance of investing in cybersecurity and drastically improving EU's digital capacities.

The Digital Europe Programme (DIGITAL) provides strategic funding to answer these challenges, supporting projects in key capacity areas such as: supercomputing, artificial intelligence, cybersecurity, advanced digital skills, and ensuring a wide use of digital technologies across the economy and society. It supports industry, small and medium-sized enterprises (SMEs), and public administration in their digital transformation with a reinforced network of European Digital Innovation Hubs (EDIH).

A new capacity area on semiconductors was added in September 2023. Under the [Chips Act](#), DIGITAL funding was mobilised to address a semiconductor shortage by promoting capacity building through the [Chips for Europe Initiative](#).

With an overall budget of over €7.9 billion, DIGITAL aims to shape the digital transformation of Europe's society and economy, in line with EU's goals defined in the [Communication - 2030 Digital Compass: The European way for the Digital Decade](#) and in the [Policy Programme - Path to the Digital Decade](#).

Data Interoperability Skills for SMEs → DIS4SME

Trajanje: 36 mjeseci (01.01.2023. – 31.12.2025.)

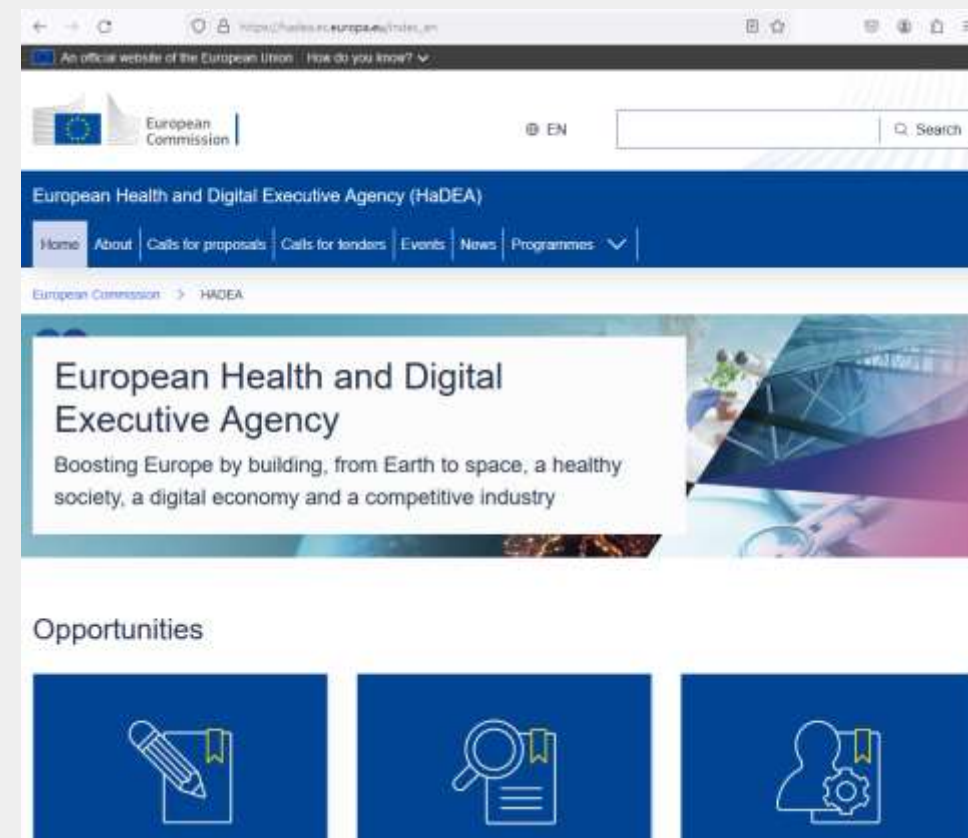
Koordinator: GISIG

Izvoditelj: DIS4SME konzorcij

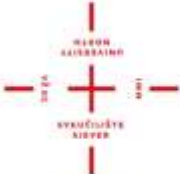
Ukupni budžet: 2,241,370 EUR

EU doprinos: 1,524,999 EUR

Agencija: HaDEA



DIS4SME Konzorcij

GISIG  Italy Coordinator	SIIT  Italy Business Association	Gaudeamus GAUDEAMUS Slovenia Training Provider	Epsilon Italia  Italy Training Provider	KU Leuven  Belgium Training Provider
University North  Croatia Training Provider	AIN  Spain Business Association	OGC Europe  Belgium Business Association	GIM  Belgium Training Provider	CNR-IMATI  Italy Training Provider/Peer reviewer

Interoperabilnost (podataka o lokaciji)

- U kontekstu projekta, definirana prilagodbom ELISE definicije interoperabilnosti lokacije kao: **spособnost organizacija, sustava i uređaja da razmjenjuju i ponovno koriste podatke s izravnom ili neizravnom referencom na određenu lokaciju ili zemljopisno područje.**
- Različite razine



Ciljevi

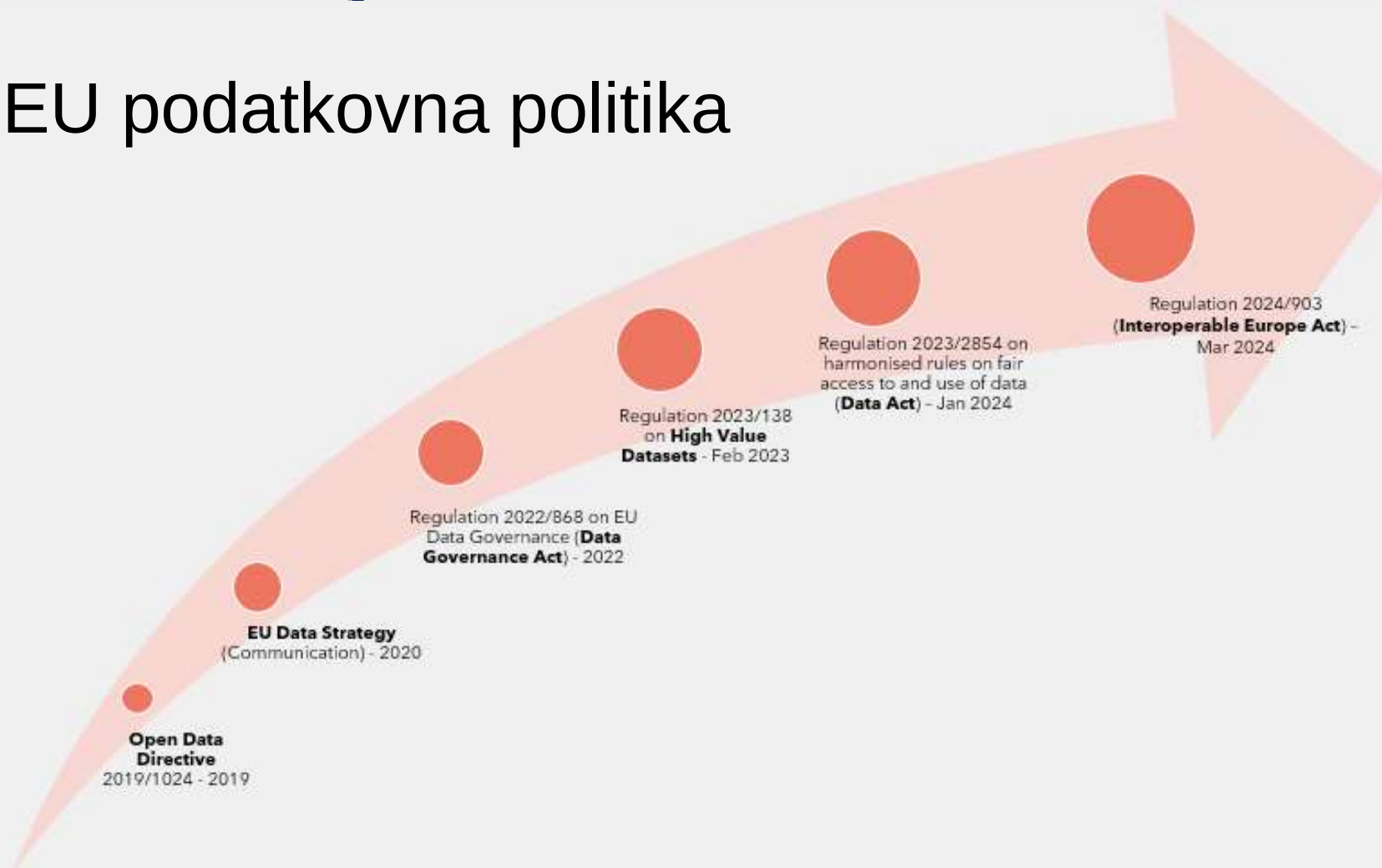
- Kvalificirati menadžere i tehničare SME te tražitelje posla na temu interoperabilnosti geo. podataka, u skladu s programom Digitalna Europa.
- Povećanje poduzetničkog potencijala SME i njihovo usmjeravanje prema digitalnoj transformaciji.
- Održavanje kratkih tečajeva kompatibilnih s konkretnim radnim potrebama
- Osmišljavanje poslovnih slučajeva zajedno s potencijalnim korisnicima, s ciljem obrade tema od interesa za najveći broj sudionika

Metode

- Naglasak na vještinama
- Znanje samo koliko je nužno za vještine
- Obrada slučajeva iz stvarnog života
- Studije poslovnog slučaja – Business Case Study (BCS)

Dodatne smjernice

- EU podatkovna politika

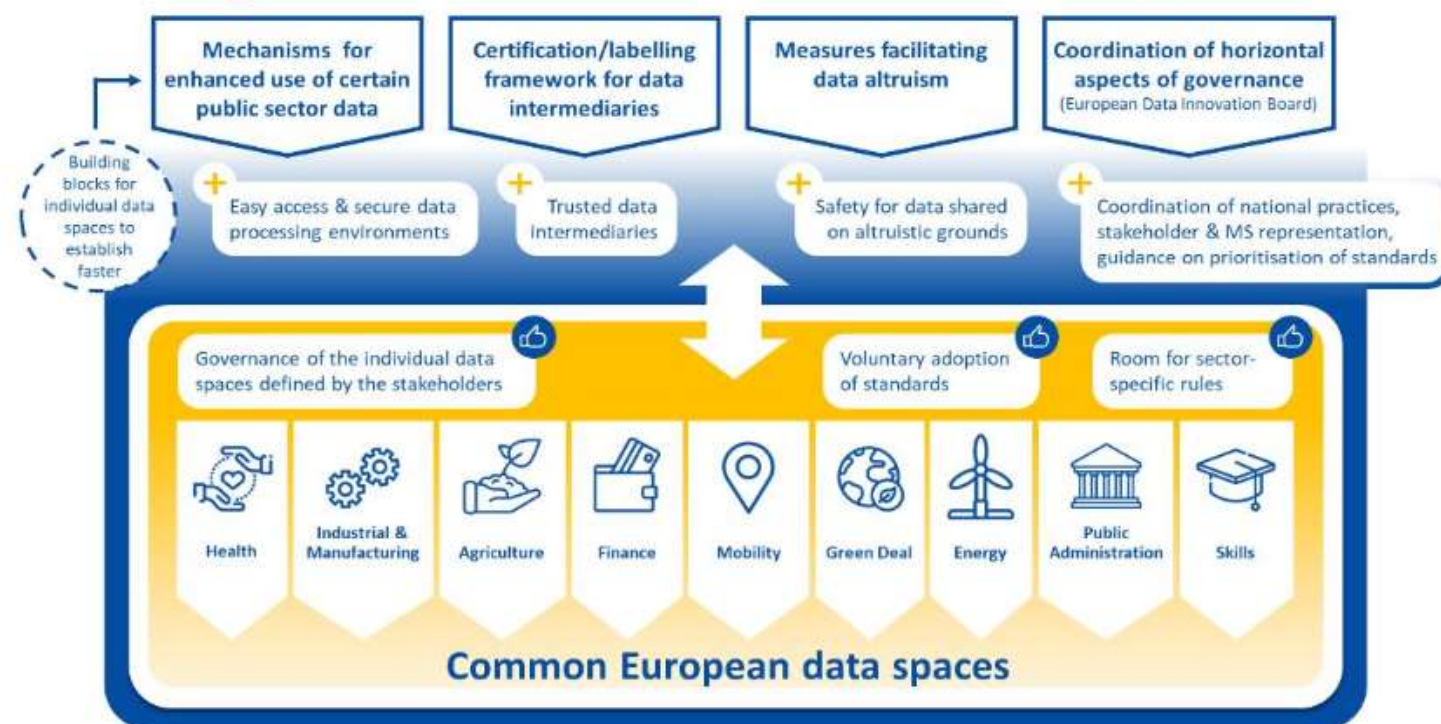


Dodatne smjernice

- EU podatkovni prostori

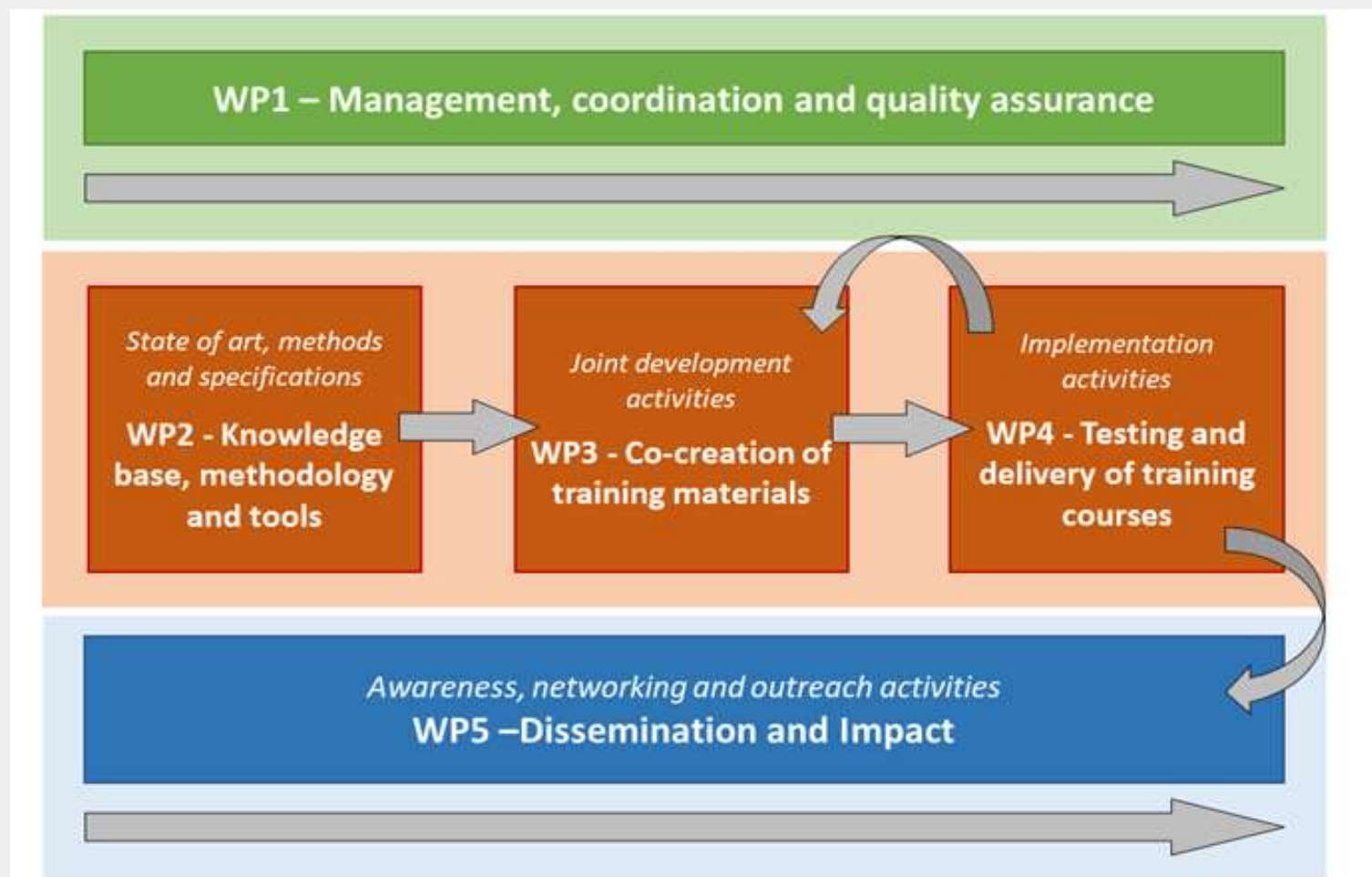
<https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX%3A52020SC0295>

Interplay of the horizontal framework and the sectoral European data spaces



Source: European Commission

Organizacija projekta



Plan provedbe

DIS4SME Roadmap



Kurikulum – ishodi učenja

- Horizontalni → opće znanje i vještine
- Vertikalni → konkretni poslovni slučaj
- **Naglasak je na vještinama**

Kurikulum - tečajevi

- Kratki tečajevi
- **Kako bi se SME lakše odлучili na sudjelovanje**
- Poslovne studije slučaja:
 - Mobilna tržnica hrane
 - Precizna poljoprivreda
 - Mobilnost
 - Digitalni blizanci i BIM/GIS integracija

Rezultati

- Tri vrste tečajeva (online i uživo):
- Kratki tečajevi (online) → po mjeri SME menadžera
- Kratki tečajevi (online) → po mjeri SME tehničara i tražitelja zaposlenja
- Napredni seminari i radionice (uživo) → menadžeri i tehničari / konkretni poslovni slučajevi

Mikrokvalifikacije

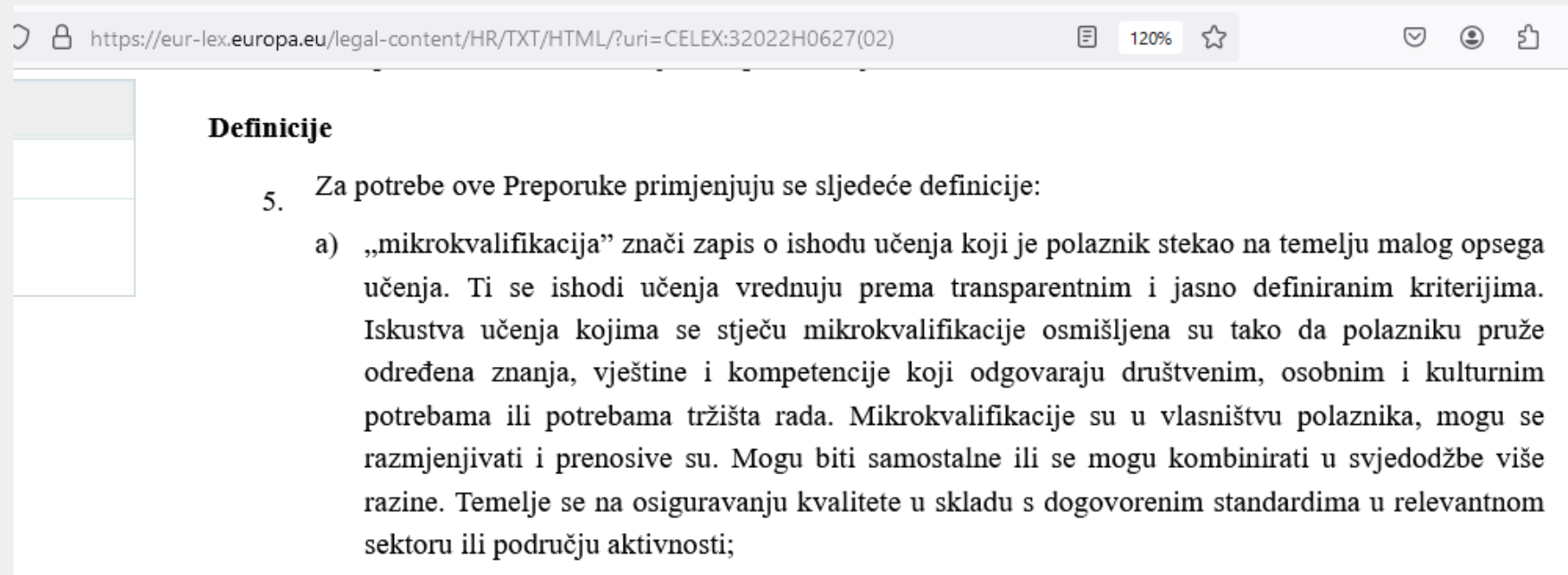
- Certificiranje pristupnika (ne njihovih matičnih organizacija)
- Certificiraju se pojedini ishodi učenja



The screenshot shows a web browser displaying the URL <https://education.ec.europa.eu/education-levels/higher-education/micro-credentials>. The page has a navigation bar with tabs: 'Focus topics', 'Education levels' (selected), 'What's new?', 'Resources and tools', and 'Funding'. Below the navigation bar is a breadcrumb trail: 'Education levels / Higher education / Micro-credentials'. The main heading is 'A European approach to micro-credentials'. Below this is a sub-heading 'Flexible, inclusive learning opportunities'. The text states: 'On 16 June 2022, the Council of the European Union (EU) adopted a [Recommendation on a European approach to micro-credentials for lifelong learning and employability](#). The Recommendation seeks to support the development, implementation and recognition of micro-credentials across institutions, businesses, sectors and borders.' A highlighted quote reads: 'Micro-credentials certify the learning outcomes of short-term learning experiences, for example a short course or training. They offer a flexible, targeted way to help people develop the knowledge, skills and competences they need for their personal and professional development.' The bottom of the page mentions: 'Shorter forms of learning opportunities than traditional qualifications, such as micro-credentials, are being developed rapidly across Europe and around the world. These opportunities are made available by a wide variety of public and private providers in response to the demand for more flexible, learner-centred forms'.

Mikrokvalifikacije

- PREPORUKE VIJEĆA od 16. lipnja 2022. o europskom pristupu mikrokvalifikacijama za cjeloživotno učenje i zapošljivost (2022/C 243/02)
- DIS4SME → Jedan od „pilot” projekata

A screenshot of a web browser displaying a legal document from EUR-Lex. The address bar shows the URL: https://eur-lex.europa.eu/legal-content/HR/TXT/HTML/?uri=CELEX:32022H0627(02). The page content is in Croatian and includes a section titled "Definicije" (Definitions). Under this section, point 5 states: "Za potrebe ove Preporuke primjenjuju se sljedeće definicije:" (For the purposes of this Recommendation, the following definitions shall apply:). Point 5a defines "mikrokvalifikacija" (micro-qualification) as a record of learning outcomes achieved by a learner based on a small scope of learning, assessed against transparent and clearly defined criteria. It further states that such qualifications are designed to provide learners with knowledge, skills, and competences that respond to social, personal, and cultural needs or labor market needs, are owned by the learner, can be exchanged and transferred, and can be standalone or combined into multiple certificates. They must be based on quality assurance in accordance with agreed standards in the relevant sector or activity.

https://eur-lex.europa.eu/legal-content/HR/TXT/HTML/?uri=CELEX:32022H0627(02)

120%

Definicije

5. Za potrebe ove Preporuke primjenjuju se sljedeće definicije:

a) „mikrokvalifikacija” znači zapis o ishodu učenja koji je polaznik stekao na temelju malog opsega učenja. Ti se ishodi učenja vrednuju prema transparentnim i jasno definiranim kriterijima. Iskustva učenja kojima se stječu mikrokvalifikacije osmišljena su tako da polazniku pruže određena znanja, vještine i kompetencije koji odgovaraju društvenim, osobnim i kulturnim potrebama ili potrebama tržišta rada. Mikrokvalifikacije su u vlasništvu polaznika, mogu se razmjenjivati i prenosive su. Mogu biti samostalne ili se mogu kombinirati u svjedodžbe više razine. Temelje se na osiguravanju kvalitete u skladu s dogovorenim standardima u relevantnom sektoru ili području aktivnosti;

Tečajevi

- Kraj 2024. / početak 2025.
- Učestalost
- Stalno → online samostalno učenje
- Zakazano → prema kalendaru

Umjesto zaključka

- Završavaju intenzivni radovi na kurikulumu
- Sastanak s HaDEA u srpnju u Belgiji
- Slijedi priprema materijala za tečajeve i radionice
- Pogledajte nas uskoro i u Varaždinu...

<https://figcom3-ws-croatia2024.hgd1952.hr/>



Hvala na pozornosti!

Pratite nas na:

www.dis4sme.eu

Hrvoje Matijević

hrvoje.matijevic@unin.hr

Vlado Ceti

vlado.cetl@unin.hr

Nikola Kranjčić

nkranjcic@unin.hr



Dis4sme Project



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