

## **ETF METHODOLOGIES / TOOLS / PUBLICATIONS IN THE FIELD OF SKILLS DEMAND ANALYSIS, updated in May 2025**

**ETF SkillsLab Network of Experts:** [The Skills Lab Network of Experts | Open Space \(europa.eu\), network@etfskillslab.eu](https://www.etf.europa.eu/en/what-we-do/skills-demands-analysis)

ETF webpage on skills demand analysis, <https://www.etf.europa.eu/en/what-we-do/skills-demands-analysis>

### **1. ETF-ILO-CEDEFOP GUIDES ON SKILLS ANTICIPATION AND MATCHING**

ETF in cooperation with Cedefop and ILO developed six guides below on skills anticipation and matching methodologies (see below the web links to six guides):

ETF-Cedefop-ILO (2016), Using labour market information - Guide to anticipating and matching skills and jobs Vol. 1, [http://www.etf.europa.eu/web.nsf/pages/Vol. 1\\_Using\\_labour\\_market\\_information](http://www.etf.europa.eu/web.nsf/pages/Vol.1_Using_labour_market_information)

ETF-Cedefop-ILO (2016), Developing skills foresights, scenarios and forecasts - Guide to anticipating and matching skills and jobs Vol. 2, [http://www.etf.europa.eu/web.nsf/pages/Vol. 2\\_Developing\\_skills\\_foresights](http://www.etf.europa.eu/web.nsf/pages/Vol.2_Developing_skills_foresights)

ETF-Cedefop-ILO (2016), Working at sectoral level - Guide to anticipating and matching skills and jobs Vol. 3, [http://www.etf.europa.eu/web.nsf/pages/Vol. 3\\_Working\\_at\\_sectoral\\_level](http://www.etf.europa.eu/web.nsf/pages/Vol.3_Working_at_sectoral_level)

ETF-Cedefop-ILO (2015), The role of employment service providers - Guide to anticipating and matching skills and jobs Vol. 4, [http://www.etf.europa.eu/web.nsf/pages/Vol. 4\\_Employment\\_service\\_providers](http://www.etf.europa.eu/web.nsf/pages/Vol.4_Employment_service_providers)

ETF-Cedefop-ILO (2017), Establishment Skills Surveys - Guide to anticipating and matching skills and jobs Vol. 5, [www.etf.europa.eu/web.nsf/pages/Vol. 5\\_Establishment\\_skills\\_survey](http://www.etf.europa.eu/web.nsf/pages/Vol.5_Establishment_skills_survey)

ETF-Cedefop-ILO (2016), Carrying out tracer studies - Guide to anticipating and matching skills and jobs Vol. 6, [http://www.etf.europa.eu/web.nsf/pages/Vol. 6\\_Tracer\\_studies](http://www.etf.europa.eu/web.nsf/pages/Vol.6_Tracer_studies)

### **2. SHORT SUMMARIES OF GUIDES ON SKILLS ANTICIPATION AND MATCHING**

Based on above-mentioned guides, ETF developed training modules and shorter versions of these publications as summaries – also published at the following links below:

Employer surveys: [http://www.etf.europa.eu/web.nsf/pages/Employer\\_surveys](http://www.etf.europa.eu/web.nsf/pages/Employer_surveys)

LMIS: <http://www.etf.europa.eu/web.nsf/pages/LMIS>

Skills foresight:

[http://www.etf.europa.eu/web.nsf/pages/Skills\\_foresight\\_emerging\\_labour\\_market\\_trends](http://www.etf.europa.eu/web.nsf/pages/Skills_foresight_emerging_labour_market_trends)

Skills forecast: [http://www.etf.europa.eu/web.nsf/pages/Skills\\_forecasts](http://www.etf.europa.eu/web.nsf/pages/Skills_forecasts)

Tracer studies: [www.etf.europa.eu/web.nsf/pages/Tracer\\_studies](http://www.etf.europa.eu/web.nsf/pages/Tracer_studies)

Employment services: [http://www.etf.europa.eu/web.nsf/pages/Employment\\_service\\_providers](http://www.etf.europa.eu/web.nsf/pages/Employment_service_providers)

LM Observatories: <http://www.etf.europa.eu/web.nsf/pages/Observatories>

Sector councils: [http://www.etf.europa.eu/web.nsf/pages/Sector-based\\_skills\\_anticipation](http://www.etf.europa.eu/web.nsf/pages/Sector-based_skills_anticipation)

### **3. E-LEARNING TOOLKIT ON SKILLS ANTICIPATION AND MATCHING**

A Skills Anticipation and Matching e-toolkit was developed in 2019 and it is available online on the Open Space [Skills Anticipation and Matching e-Toolkit | Open Space \(europa.eu\)](https://www.etf.europa.eu/en/what-we-do/skills-demands-analysis). It's accessible to any external party on the only condition of registering on the OS. It's a self-paced course, with additional examples of practices and resources available directly from the modules. The toolkit has 3 levels of engagement:

1. Initial, with an interactive module, easy to follow
2. Advanced, with additional information and reading
3. Immersion, with examples, practices and literature for further reading

The toolkit includes all the common guides listed above:

- [Labour Market Information System](#)
- [Employment Service Providers](#)
- [Employer Survey](#)
- [Tracer Studies](#)
- [Skills Forecast](#)
- [Skills Foresight](#)
- [Sectoral Approach](#)
- [Labour Market Observatories](#)

#### 4. REGIONAL / COUNTRY EXAMPLES ON SKILLS DEMAND ANALYSIS

ETF (2024), "Employment and skills needs analysis in the agricultural sector in Rwanda", <https://www.etf.europa.eu/en/document-attachments/employment-and-skill-needs-analysis-agricultural-sector-rwanda>

ETF-GIZ-Enabel (2019), Tracing technical and vocational education graduates in Palestine – Graduates of GIZ and Enabel programmes: 2018 tracer study results, <https://www.etf.europa.eu/en/publications-and-resources/publications/tracing-technical-and-vocational-education-graduates>

ETF (2018), Tracking vocational graduates in the EU candidate countries, <https://www.etf.europa.eu/en/publications-and-resources/publications/tracking-vocational-graduates-eu-candidate-countries>

ETF (2017), Tracing secondary vocational and tertiary education graduates in the former Yugoslav Republic of Macedonia: 2016 tracer study results, <https://www.etf.europa.eu/en/publications-and-resources/publications/tracing-secondary-vocational-and-tertiary-education>

ETF (2016): Skills Needs Identification and Skills Matching in South Eastern Europe, [http://www.etf.europa.eu/web.nsf/pages/Skills\\_needs\\_identification\\_and\\_skills\\_matching\\_SEE](http://www.etf.europa.eu/web.nsf/pages/Skills_needs_identification_and_skills_matching_SEE)

EN RLMM (2016); "Anticipation of current and future skill needs in an era of digital revolution: the examples of skills forecast in Ukraine and policy foresight for skills in South East Europe", in *Digital (R)evolution and Its Effects on Labour: Opportunities and Challenges for Regional and Local Labour Market Monitoring*, eds. by Larsen et al, Rainer Hampp Verlag Munchen Mering 2016, pp. 317-362, ISBN-A/DOI 10.978.395710/1693.

ETF (2015), Young people not in education, training and employment (NEET): an overview in ETF Partner Countries, [www.etf.europa.eu/web.nsf/pages/NEET ETF\\_partner\\_countries](http://www.etf.europa.eu/web.nsf/pages/NEET ETF_partner_countries)

ETF (2016), Tracer study implementation in the Kyrgyz Republic: Practical guidelines, internal document available on request

European Commission / ETF (2014): Skills Needs Identification and Anticipation Policies and Practices in the Eastern Partnership Region: Cross-country Report, Kantor

ETF FRAME Project (2013-2014): [www.etf.europa.eu/web.nsf/pages/Frame\\_project](http://www.etf.europa.eu/web.nsf/pages/Frame_project)

See ETF 2014 reports: "The Future Frame Foresight Guide for Skills 2020", "FRAME Skills for the Future: Regional Report"

ETF (2013), Transition from school to work in Kyrgyzstan: results of the 2011/12 transition survey: [http://www.etf.europa.eu/web.nsf/pages/School\\_to\\_work\\_transition\\_Kyrgyzstan](http://www.etf.europa.eu/web.nsf/pages/School_to_work_transition_Kyrgyzstan)

ETF (2013), Transition from education to work in Syria:  
[http://www.etf.europa.eu/web.nsf/pages/Education\\_to\\_work\\_transition\\_Syria](http://www.etf.europa.eu/web.nsf/pages/Education_to_work_transition_Syria)

ETF (2012), Youth transition from school to work in Mediterranean, paper prepared for UNESCO,  
[http://www.etf.europa.eu/web.nsf/pages/Education\\_to\\_work\\_transition\\_Mediterranean](http://www.etf.europa.eu/web.nsf/pages/Education_to_work_transition_Mediterranean)

ETF (2012): ETF Position Paper – Anticipating and matching demand and supply of skills in ETF partner countries, Turin: ETF

## 5. FUTURE OF WORK AND SKILLS (FoW) STUDIES

ETF (2025), From skills anticipation to skills action: Collection of articles to understand skills demand in EU Neighbouring Countries, [From skills anticipation to skills action | ETF](#)

ETF (2024), Cross-country reflection paper on the future skill needs in selected sectors, [The future of skills in ETF partner countries | ETF \(europa.eu\)](#)

ETF (2023), Future skills needs in the Armenia construction sector (EN and ARM),  
<https://www.etf.europa.eu/en/document-attachments/future-skill-needs-construction-sector-armenia-country-report>

Armenia Summary (EN and ARM), <https://www.etf.europa.eu/en/document-attachments/future-skill-needs-construction-sector-armenia-summary-note>

ETF (2023), Future skills needs in the Egyptian energy sector, [The future skill needs in the Egyptian energy sector | ETF \(europa.eu\)](#).

Egypt summary (EN and AR), [The future skill needs in the Egyptian energy sector | ETF \(europa.eu\)](#)

ETF (2022), Future skills needs in the Albanian energy sector, [Future of skills: Energy sector in Albania | ETF \(europa.eu\)](#)

Albania Summary, <https://www.etf.europa.eu/en/document-attachments/future-skills-energy-sector-albania-summary-note>

ETF (2022), Future skills needs in the Tunisian energy sector,  
<https://www.etf.europa.eu/en/document-attachments/future-skills-energy-sector-tunisia>

Tunisia Summary, [Future of skills: Energy sector in Tunisia - Summary note | ETF \(europa.eu\)](#)

ETF (2021), Future skills needs in the Ukrainian healthcare sector (not published due to the war)

ETF (2021), The future of skills: A case study of the automotive sector in Turkey, June 2021,  
[www.etf.europa.eu/en/publications-and-resources/publications/future-skills-case-study-automotive-sector-turkey](http://www.etf.europa.eu/en/publications-and-resources/publications/future-skills-case-study-automotive-sector-turkey)

ETF (2021), The future of skills: A case study of the agri-food sector in Morocco,  
[www.etf.europa.eu/en/publications-and-resources/publications/future-skills-case-study-agri-food-sector-morocco](http://www.etf.europa.eu/en/publications-and-resources/publications/future-skills-case-study-agri-food-sector-morocco)

ETF (2021), Case studies on the future of skills: Methodological note for conducting case studies, [Skills for the future case studies, methodology | Open Space \(europa.eu\)](#)

ETF (2020), The Future of Skills: A case study of the agri-tech sector in Israel,  
[https://www.etf.europa.eu/sites/default/files/2020-11/future\\_of\\_skills\\_agri-tech\\_sector\\_in\\_israel.pdf](https://www.etf.europa.eu/sites/default/files/2020-11/future_of_skills_agri-tech_sector_in_israel.pdf)

ETF (2021), Changing skills for a changing world: Understanding skills demand in EU neighbouring countries – A collection of articles, [www.etf.europa.eu/en/publications-and-resources/publications/changing-skills-changing-world-understanding-skills-demand](http://www.etf.europa.eu/en/publications-and-resources/publications/changing-skills-changing-world-understanding-skills-demand)

ETF-EBRD (2021), Inclusive Skills for Innovative Enterprise Development in the Aftermath of COVID-19 in the Agribusiness Sector (including Georgia, Morocco, Serbia, Turkey, and Uzbekistan),

[https://www.etf.europa.eu/sites/default/files/2021-08/etf\\_ebrd\\_inclusive\\_skills\\_agribusiness\\_-\\_final\\_report.pdf](https://www.etf.europa.eu/sites/default/files/2021-08/etf_ebrd_inclusive_skills_agribusiness_-_final_report.pdf)

Summary note, <https://www.etf.europa.eu/en/publications-and-resources/publications/inclusive-skills-innovative-enterprise-development-agri>

ETF (2019), Issues Paper on the future of work and skills in ETF partner countries, [www.etf.europa.eu/en/publications-and-resources/publications/future-work-and-skills-etf-partner-countries](http://www.etf.europa.eu/en/publications-and-resources/publications/future-work-and-skills-etf-partner-countries)

### **Future skill needs for Craftspersons and Artisans**

ETF (2022), Recognising emerging skills needs in the craft sector in the EU Neighbourhood and Central Asia, [The future is in our hands | ETF \(europa.eu\)](http://The future is in our hands | ETF (europa.eu))

Country portraits are available on Albania, Armenia, Turkey, Ukraine, Kyrgyzstan, Georgia, Azerbaijan, and Uzbekistan, [Craftsmanship and Skills for the Future | Open Space \(europa.eu\)](http://Craftsmanship and Skills for the Future | Open Space (europa.eu))

In-depth country studies and cross-country synthesis report on Armenia, Azerbaijan, Georgia and Uzbekistan, [Craftsmanship and Skills for the Future | Open Space \(europa.eu\)](http://Craftsmanship and Skills for the Future | Open Space (europa.eu))

ETF (2024), Crafting the future: Five squared, [Crafting the future: Five squared \[5<sup>2</sup>\] | ETF \(europa.eu\)](http://Crafting the future: Five squared [5<sup>2</sup>] | ETF (europa.eu))

## **6. NEW FORMS OF EMPLOYMENT AND PLATFORM WORK**

ETF (2021), New forms of employment in the Eastern Partnership countries: Platform work (report and summary note in EN and RU), [The future of work – New forms of employment in the Eastern Partnership countries: Platform work | ETF \(europa.eu\)](http://The future of work – New forms of employment in the Eastern Partnership countries: Platform work | ETF (europa.eu))

ETF (2021), [Country profile: Platform work in Armenia](http://Country profile: Platform work in Armenia)

ETF (2021), [Country profile: Platform work in Azerbaijan](http://Country profile: Platform work in Azerbaijan)

ETF (2021), [Country profile: Platform work in Belarus](http://Country profile: Platform work in Belarus)

ETF (2021), [Country profile: Platform work in Georgia](http://Country profile: Platform work in Georgia)

ETF (2021), [Country profile: Platform work in Moldova](http://Country profile: Platform work in Moldova)

ETF (2021), [Country profile: Platform work in Ukraine](http://Country profile: Platform work in Ukraine)

ETF (2023), Embracing the digital age: New forms of employment and platform work in the Western Balkans, <https://www.etf.europa.eu/en/publications-and-resources/publications/embracing-digital-age-0>

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – Albania | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – Albania | ETF (europa.eu))

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – Bosnia and Herzegovina | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – Bosnia and Herzegovina | ETF (europa.eu))

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – Kosovo | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – Kosovo | ETF (europa.eu))

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – Montenegro | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – Montenegro | ETF (europa.eu))

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – North Macedonia | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – North Macedonia | ETF (europa.eu))

ETF (2022), [Embracing the digital age: The future of work in the Western Balkans – Serbia | ETF \(europa.eu\)](http://Embracing the digital age: The future of work in the Western Balkans – Serbia | ETF (europa.eu))

ETF (2024), New forms of work and platform work in the Southern and Eastern Mediterranean, [New forms of work and platform work in the Southern and Eastern Mediterranean | ETF \(europa.eu\)](http://New forms of work and platform work in the Southern and Eastern Mediterranean | ETF (europa.eu))

ETF (2024), [Country profile: Platform work in Morocco](http://Country profile: Platform work in Morocco)

ETF (2024), [Country profile: Platform work in Algeria](http://Country profile: Platform work in Algeria)

ETF (2024), [Country profile: Platform work in Tunisia](http://Country profile: Platform work in Tunisia)

ETF (2024), [Country profile: Platform work in Libya](#)  
ETF (2024), [Country profile: Platform work in Egypt](#)  
ETF (2024), [Country profile: Platform work in Lebanon](#)  
ETF (2024), [Country profile: Platform work in Jordan](#)  
ETF (2024), [Country profile: Platform work in Palestine](#)  
ETF (2024), [Country profile: Platform work in Israel](#)  
ETF (2024), Policy briefing on AI and platform work, <https://www.etf.europa.eu/en/publications-and-resources/publications/age-ai-platform-work-eu-neighbouring-countries>  
ETF (2024), New forms of work and platform work in the Central Asia, [New forms of work and platform work in Central Asia | ETF](#)

## 7. SKILLS ANALYSIS FOR SMART SPECIALISATION

ETF (2021), Skills for smart specialisation in Moldova: Understanding and managing skills as a key resource for growth and competitiveness, Vera Chilari and Corina Gribincea for the ETF, [Skills for smart specialisation in Moldova: Understanding and managing skills as a key resource for growth and competitiveness | ETF \(europa.eu\)](#)

Moldova summary notes: [https://www.etf.europa.eu/sites/default/files/2021-05/skills\\_for\\_smart\\_specialisation\\_in\\_moldova\\_summary\\_note.pdf](https://www.etf.europa.eu/sites/default/files/2021-05/skills_for_smart_specialisation_in_moldova_summary_note.pdf)

ETF (2020), Skills for smart specialisation in Montenegro: Understanding and managing skills as a key resource for growth and competitiveness, Dr Jelena Janusevic and Rajko Kosovic for the ETF, [Skills for smart specialisation in Montenegro: Understanding and managing skills as a key resource for growth and competitiveness | ETF \(europa.eu\)](#)

Montenegro summary notes: [https://www.etf.europa.eu/sites/default/files/2021-03/skills\\_for\\_smart\\_specialisation\\_in\\_montenegro\\_summary\\_note.pdf](https://www.etf.europa.eu/sites/default/files/2021-03/skills_for_smart_specialisation_in_montenegro_summary_note.pdf)

## 8. ETF'S WORK ON SKILLS MISMATCH

ETF (2022), Skills mismatch measurement in ETF partner countries – cross-country report, [Skills mismatch measurement in ETF partner countries | ETF \(europa.eu\)](#)

ETF (2019), Skills mismatch measurement in Georgia, [www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-georgia](http://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-georgia)

ETF (2019), Skills mismatch measurement in Moldova, <https://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-moldova>

ETF (2019), Skills mismatch measurement in Montenegro, <https://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-montenegro>

ETF (2019), Skills mismatch measurement in North Macedonia, <https://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-north-macedonia>

ETF (2019), Skills mismatch measurement in Serbia, <https://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-serbia>

ETF (2019), Skills mismatch measurement in ETF partner countries, [www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-etf-partner-countries](http://www.etf.europa.eu/en/publications-and-resources/publications/skills-mismatch-measurement-etf-partner-countries)

## 9. YOUTH & GENDER STUDIES WITH SOME ELEMENTS OF SKILLS DEMAND

ETF (2025), Evaluating Active Labour Market Policies in Fragile Contexts: Insights and lessons from evaluation studies in the ETF partner countries, [Evaluating Active Labour Market Policies in Fragile Contexts | ETF](#)

Eurofound-ETF (2022), Living, working and COVID-19 in the European Union and 10 EU neighbouring countries, [Living, working and COVID-19 in the European Union and 10 EU \(europa.eu\)](#)

ETF (2021), Assessment of the effectiveness of active labour market policies in crisis and post crisis situations, [Assessment of the effectiveness of active labour market policies in crisis and post crisis situations | ETF \(europa.eu\)](#)

ETF (2021), Mapping innovative practices in the field of active labour market policies during the Covid-19 crisis, [Mapping innovative practices in the field of active labour market policies during the Covid-19 crisis | ETF \(europa.eu\)](#)

ETF (2021), Youth in transition in the Southern and Eastern Mediterranean: Identifying profiles and characteristics to tap into young people's potential, [Youth in transition in the Southern and Eastern Mediterranean: Identifying profiles and characteristics to tap into young people's potential | ETF \(europa.eu\)](#)

ETF (2021), Youth situation in Serbia: Employment, skills and social inclusion, [Youth situation in Serbia: Employment, skills and social inclusion | ETF \(europa.eu\)](#)

ETF (2020), Skills demand and supply in North Macedonia: An analysis at regional and local levels, Prof. Blagica Novkovska for the ETF, [Skills demand and supply in North Macedonia: An analysis at regional and local levels | ETF \(europa.eu\)](#)

ETF (2020), Unlocking youth potential in South Eastern Europe and Turkey: Skills development for labour market and social inclusion, <https://www.etf.europa.eu/en/publications-and-resources/publications/unlocking-youth-potential-south-eastern-europe-and-turkey>

ETF (2019), Policies supporting youth transition to work in Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine: Regional Report. <https://www.etf.europa.eu/en/publications-and-resources/publications/policies-supporting-youth-transition-work-armenia>

ETF (2018), Youth transition to work in Georgia: [www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-georgia](http://www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-georgia)

ETF (2018), Youth transition to work in Moldova: [www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-moldova](http://www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-moldova)

ETF (2018), Youth transition to work in Belarus, see: [www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-belarus](http://www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-belarus)

ETF (2019), Youth transition to work in Armenia, <https://www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-armenia>

ETF (2019), Youth transition to work in Ukraine, <https://www.etf.europa.eu/en/publications-and-resources/publications/youth-transition-work-ukraine>

ETF (2021), Youth situation in Serbia: Employment, skills and social inclusion, [Youth situation in Serbia: Employment, skills and social inclusion | ETF \(europa.eu\)](#)

ETF Skills Factory Podcast 2022 on NEETs: <https://www.etf.europa.eu/en/publications-and-resources/multimedia/podcasts/18-not-education-nor-employment-whats-problem/modal>

EN RLMM (2019), "Skills development in the informal sector", in Larsen et al (eds), *Assessing informal employment and skills needs: approaches and insights from Regional and Local Labour Market Monitoring* (by U.Bardak and F.Rosso), Rainer Hampp Verlag, Munchen, pp.41-85, ISBN-A/DOI 10.978.395710/3598. <https://www.nomos-elibrary.de/10.5771/9783957103598-41/skills-development-in-the-informal-sector>

## 10. BIG DATA ANALYSIS OF ONLINE JOB VACANCIES (OJV)

ETF (2019), Big data for labour market intelligence: an introductory guide, <https://www.etf.europa.eu/sites/default/files/2019-06/Big%20data%20for%20LMI.pdf>  
Versions in [Russian](#) and in [French](#)

**Open Space webpage:** [LMI in transformation – Focus on Big Data](#)

ETF - Learn all about Big Data for Labour Market Intelligence: training programme, webinars and interactions: [ETF - Learn all about Big Data for Labour Market Intelligence: training programme, webinars and interactions.](#) - YouTube

**ETF Training programmes on Big Data for LMI: on ETF website**

- A specific training programme for data analysts and experts (November 2019), [Big Data for Labour Market Information – focus on data from online job vacancies – training workshop \(Eastern Partnership Platform 4 Work Programme for members of the "Make it Match" experts' network\) | ETF \(europa.eu\)](#)
- Webpage of webinar on Big Data for LMIS (10 December 2020), [Labour Market Information in Transformation: focus on Big Data. | ETF \(europa.eu\)](#)
- Online training programme on Job vacancy analysis (June 2021), [Big Data training for LMI - Online Job vacancy analysis virtual training programme - 8, 10 and 15 June | ETF \(europa.eu\)](#)
- Online training programme "What's new with Big Data for LMI?" (November 2021), [Skills Intelligence based on Online Job Vacancies and data science analytics for Make it Match Network \(eap-events.eu\)](#)
- Online capacity development programme 2023: [Big Data for Labour Market Intelligence - Online capacity development programme \(Nov-Dec 2022\) | ETF \(europa.eu\)](#)
- Learning videos and webinars of the Big Data LMIS project (over 44): [ETF - Learn all about Big Data for Labour Market Intelligence: training programme, webinars and interactions.](#) - YouTube

ETF Landscaping and ranking of OJV sources report (2020): [Big Data for LMI, Web Labour Market Landscaping Ukraine](#)

ETF Landscaping and ranking of OJV sources report (2020): [Web LM in Tunisia: Landscaping and brief overview](#)

ETF Analytical report (2020): [Big Data for LMI: analytics and insights \(Ukraine\).](#)

ETF Analytical report (2020): [Big Data for LMI: analytics and insights \(Tunisia\).](#)

**OJV Data dashboards (6 countries):** Countries [Ukraine](#), [Tunisia](#), Morocco, [Georgia](#), [Egypt](#), [Kenya](#).

A short intro briefing at the link: [big\\_data\\_lmi\\_en\\_web.pdf \(europa.eu\)](#)

Access: [https://solutions.lightcast.io/?pc=x\\$fhADtD\\*cu\\$BjY9](https://solutions.lightcast.io/?pc=x$fhADtD*cu$BjY9) (without password)

<https://solutions.lightcast.io/>

User: [training@etf.com](mailto:training@etf.com)

Password: **ETF\_training\_2022**

For the EU Member States, you can check the relevant pages of Cedefop and Eustat

[Skills in online job advertisements | CEDEFOP \(europa.eu\)](#)

[Skills-OVATE | CEDEFOP \(europa.eu\)](#)

Cedefop and Eurostat joint work in the context of the Web Intelligence Hub, [CROS | Eurostat CROS \(europa.eu\)](#); [Top & trending skills - Eurostat \(europa.eu\)](#)

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Other examples from Europe:

Basque region (Spain), <https://basquetalentobservatory.bizkaialalent.eus/visual/public/index>

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