

Big Data for Labour Market Intelligence

Capacity development programme 2022

Module 2: Dissemination and analysis

Session 5

New angles of analysis based on OJV databases: demand for green skills;
demand for remote work (Ukraine).

CRISP



Speaker: Anna Clara Gatti

16/11/2022

A group of people are seated around a table in a meeting room. In the background, a whiteboard displays two sticky notes with text in Portuguese. The word 'Topics' is overlaid in large white font on the right side of the image.

Topics

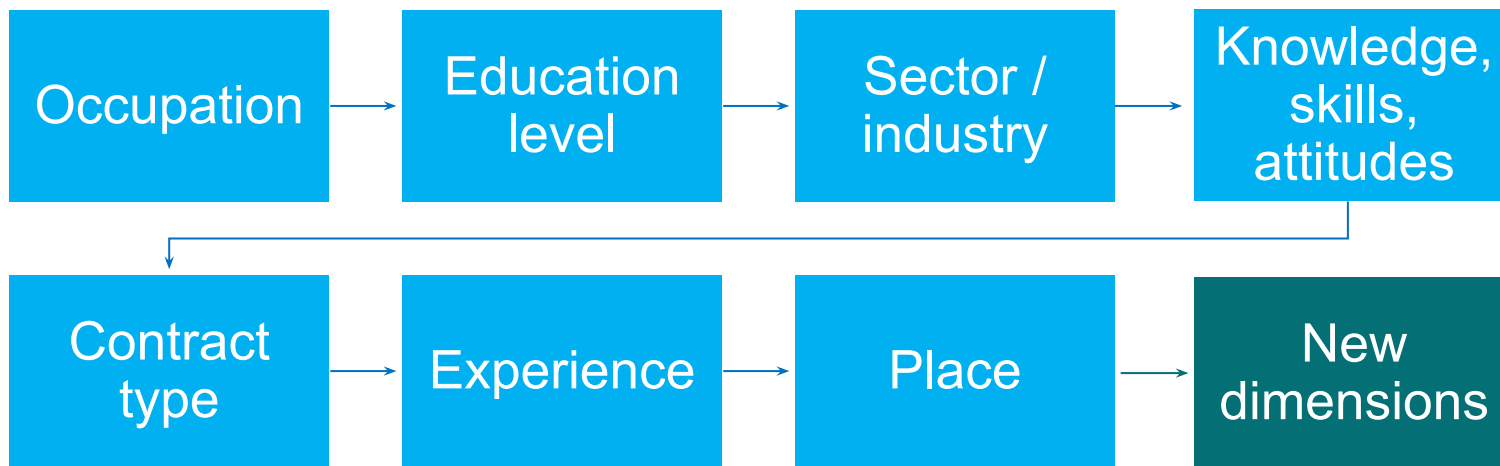
- New angles of analysis based on OJV databases
- Methodology
- Demand for green skills
- Demand for remote work

Beyond "traditional" variables

New analytical
questions

→ How **Green Economy** is evolving in
the countries of interest?

→ How much **Remote Work** is present
in each Labour Market?



Q: How Green Economy is evolving in the countries of interest?

Are you passionate about environmental issues and tackling climate change?

We are an award-winning Social Enterprise with a mission to enable, inclusive sustainable, growth. As a commercially driven not-for-profit organisation, a is reinvested into our services supporting growth that has real impact

The Growth Company's ambition is to play a key and strategic role in support of the UK ambitions to be Net Zero. To expand our sustainability activities, we are looking for new colleagues for a range of positions from graduate entry to senior advisors/consultants.

Areas of expertise include product and business carbon foot printing, business energy & resource efficiency auditing, building energy management systems, efficiency, carbon reporting, energy analytics, renewable energy, carbon management, environmental programme management.

GC offers an inclusive and flexible working environment with a wide range of benefits which can be found at <https://www.growthco.uk/gc-careers/life-at-gc/>

If you are interested, please click apply and include your CV along with a brief paragraph outlining your core competencies and experience within this sector.

As part of our commitment to increase the diversity of our workforce, we provide a guaranteed interview to applicants who meet the minimum requirements for a role. This commitment applies to candidates who have a disability or are from a Minority Ethnic community.

Reduce carbon emission

Energy management

Energy analytics

Q: How much Remote Work is present in each Labour Market?

Ukrainian Interpreter - Remote

Lingoland

London

Remote

£1,000 - £2,000 a month - Freelance

Apply now



Job details

Salary

£1,000 - £2,000 a month

Job type

Freelance

Benefits

Pulled from the full job description

Flexitime

Work from home

Full Job Description

We are hiring UKRAINIAN - ENGLISH INTERPRETERS!

We are looking for experienced interpreters who want to join an international company and be a great help to the community.

Do you have one year of experience working as an Interpreter/translator? Do you enjoy what you do? Would you like to be part of a dynamic team with solid possibilities of professional growth? While making extra cash in your spare time? If so, we want to hear from you!

Job Overview:

The Interpreter provides interpretation for Limited English Proficient (LEP) patients, their families, providers, and staff. The Interpreter advocates for LEP patients' access to the full range of health care services providing intercultural mediation to assist providers in delivering culturally sensitive patient care. A commitment to provide exceptional customer experience, patient privacy & safety, and teamwork spirit is required for this position.

Company Info

Follow

Get job updates from Lingoland

After you familiarize yourself with the following description of the position, you can click "Apply now" and send us your resume and certificate in PDF or Word files.

Job Type: Freelance

Salary: £1,000.00-£2,000.00 per month

Additional pay:

- Commission pay

Benefits:

- Flexitime
- Work from home

Schedule:

- Monday to Friday

Application deadline: 18/08/2022

Reference ID: UKR984

Hiring Insights

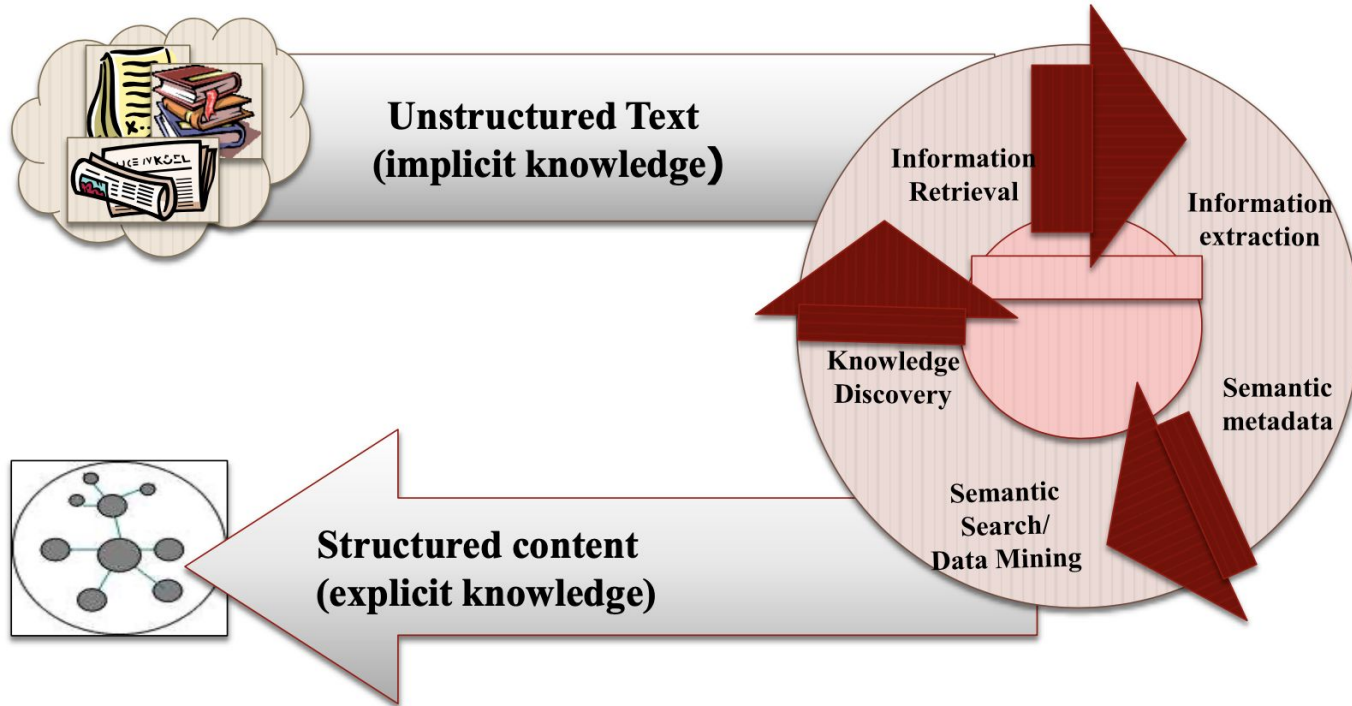
Hiring 5 candidates for this role

Job activity

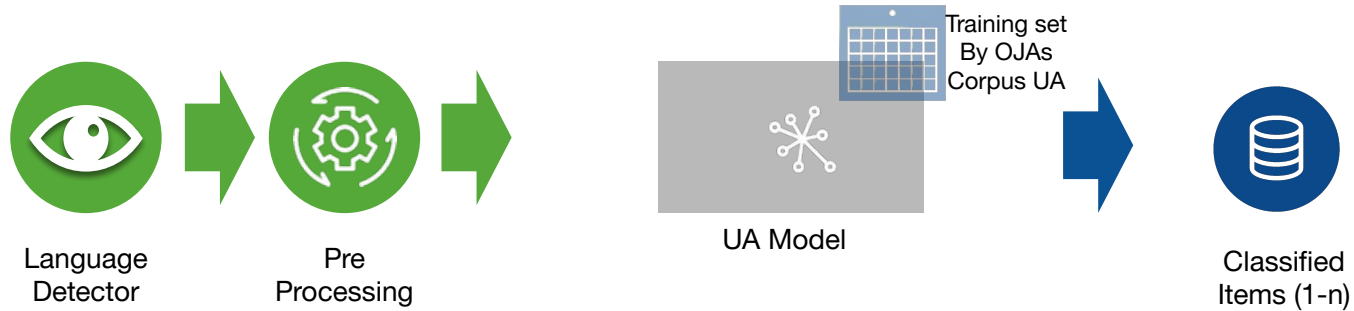
- Employer reviewed job 8 days ago
- |
- Posted 15 days ago

15 days ago

How to answer these questions?



Data pipelines



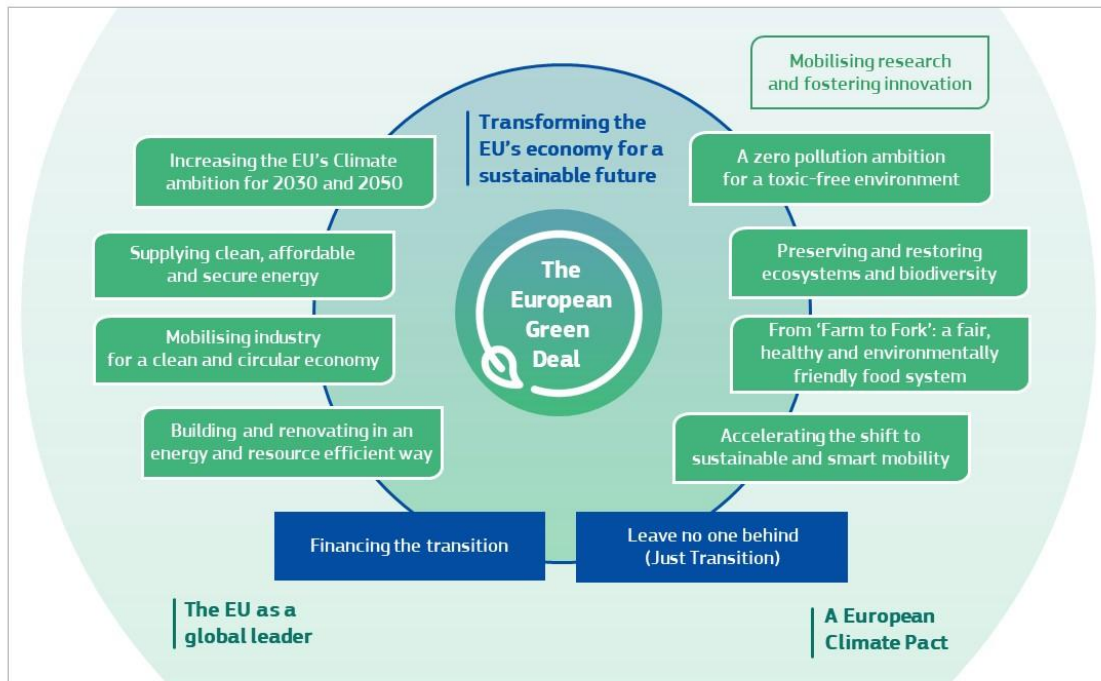
Demand for green skills

Demand for green skills



https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en

The "European Green Deal"



Ensuring coherence with the "policy areas" in which the "European Green Deal" is articulated, we defined seven declinations of green skills for this project.



ETF Green Skill families

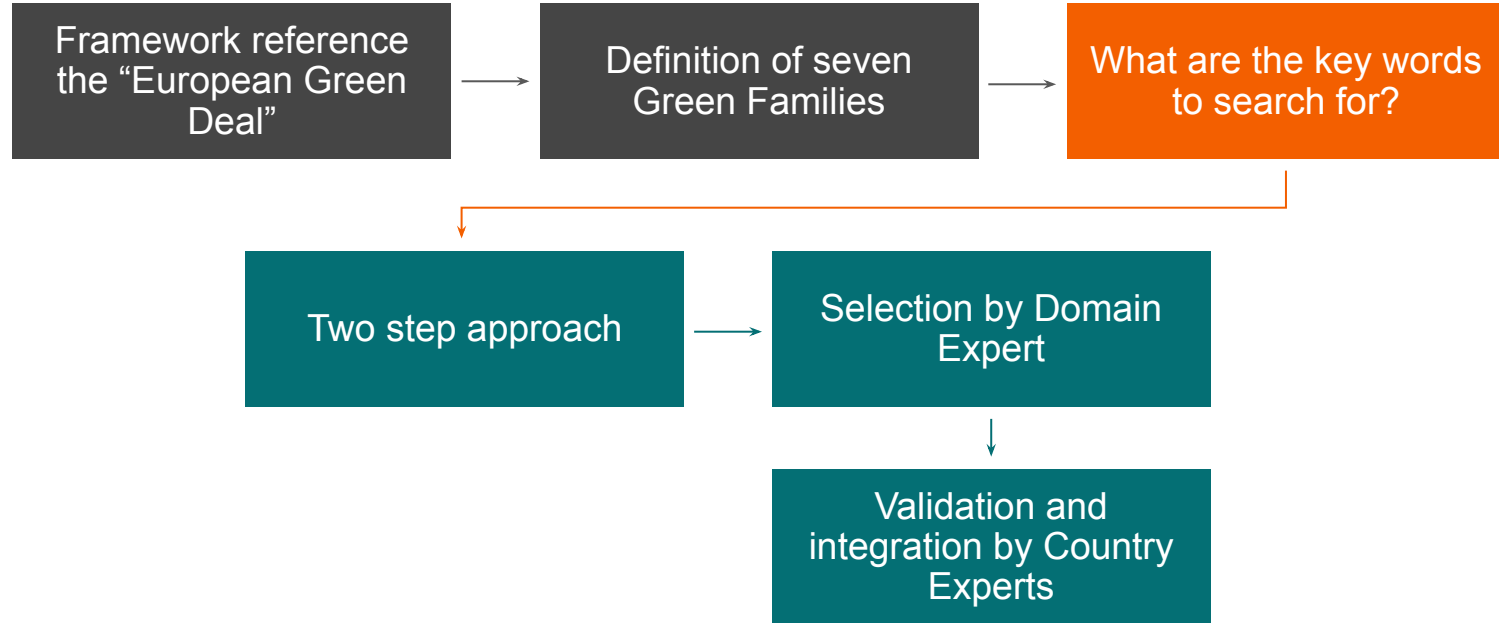
- **Environment and sustainable tourism:** the skills related to the management of forests and maritime areas, environmental protection, and management of loss of species and ecosystems as well as their exploitation through sustainable forms of tourism.
- **Sustainable agriculture:** the skills necessary for the development of sustainable agriculture for producers, consumers, and the environment.
- **Sustainable construction:** the skills to initiate a process of renovation and new construction that improves the energy efficiency of buildings and brings building design in line with the circular economy.



ETF Green Skill families

- **Sustainable economy:** the skills related to the concept of circular economy.
- **Sustainable energy:** the skills needed to change energy production by replacing current energy sources with renewable energy sources.
- **Sustainable production:** the skills needed to modify current production styles by reducing the environmental impact of companies.
- **Sustainable transport:** the skills related to the reduction of emissions caused by transport both with the use of innovative fuels less polluting and with forms of mobility sharing.

Terms set definition



Terms set definition - example

Environment and sustainable tourism:

- environmental protection
- green tourism
- habitat restoration
- sustainable tourism

Sustainable agriculture:

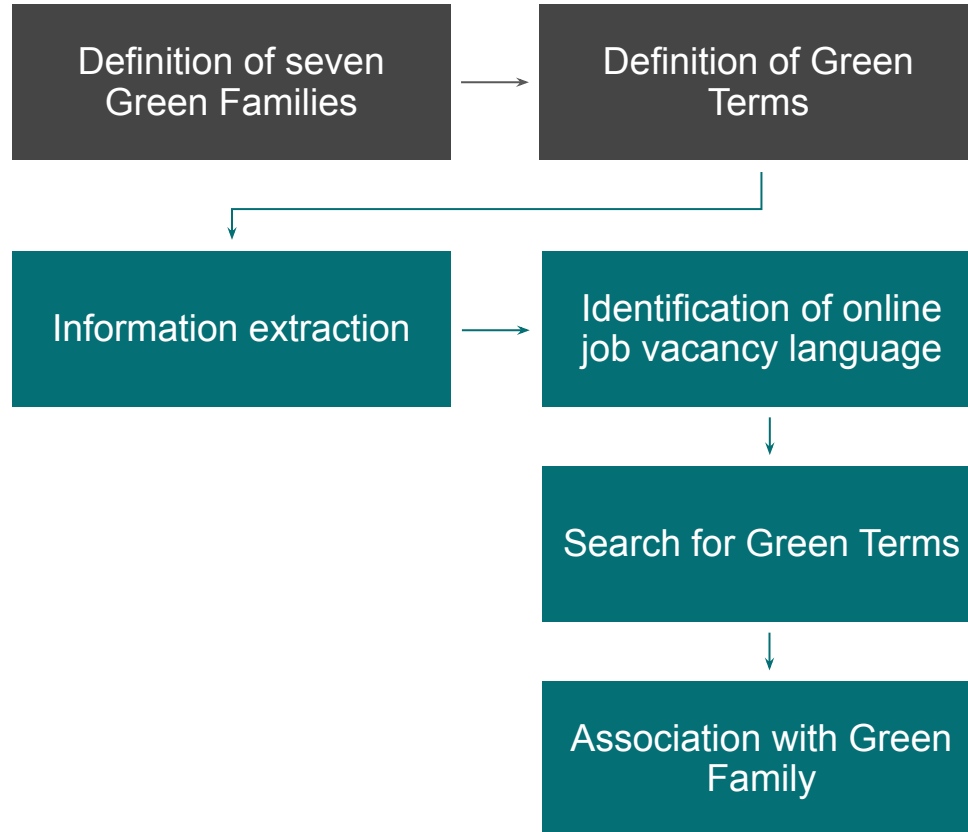
- climate smart agriculture
- conservation agriculture
- aquaponics
- precision agriculture

Sustainable energy:

- carbon neutral fuel
- energy conservation
 - solar power
 - wind generator

- The set does not need to be limited to skills-like terms, but can include general terms that can be found in postings' text and can be linked to green economy (e.g., Solar power)
- The set of terms is language dependent: each language has its own terms, localized and reflecting specific terminology and culture

Terms extraction



Terms extraction - example

Junior Software Engineer

Full Job Description

As Junior Software Engineer in World Service, you will help deploy and operate websites that are used by millions of users. You'll be part of a cross-functional team creating robust, performant software that operates at vast scale.

What are the responsibilities?

- Write code (React, Javascript, node, webpack, CSS, HTML etc) to be deployed onto AWS infrastructure
- Code review your peers' work and promote best practices within the team

Are you the right candidate?

As an organisation we support all of our colleagues in gaining new skills and experience. To be successful in this role you may have experience of some, but not necessarily all, of the following:

- Good working knowledge of JavaScript (ideally with React, but training will be provided) with ambition to become a specialist
- Experience with node.js
- HTML and CSS proficiency in a monolingual site, although knowledge of internationalisation would be ideal
- Have built websites from local environment into production
- Experience with a framework other than React (not necessarily JS)
- Awareness of test driven development (TDD) and/or behaviour driven development (BDD)
- Awareness of CI/CD - what it is, how it works
- Some knowledge of cloud computing - e.g. AWS - would be a plus

Identification of online
job vacancy language

English

Search for Green
Terms

None of the green
terms are in the ad
this job posting.

Terms extraction - example

Electrical Engineer

Brilliant opportunity to work as an Electrical Engineer for a leading global cleantech integrator and renewable energy asset developer, owner and operator.

This company is one of the leading renewable energy and energy efficiency companies with over 70 offices worldwide.

This will suit Electrical Engineers with a background in renewable systems looking to work in the renewable industry on exciting clean technology projects.

Key Responsibilities

- Electrical Engineer is responsible for working on assignments covering all aspects of industrial and commercial energy usage, energy savings, energy storage, utility plant redevelopment and CO2 emission reduction
- Conceptual design of energy related projects
- Formulate, evaluate and prepare designs and specifications of industrial and commercial schemes during feasibility studies, scheme detailed design and project implementation
- Design covering combined heat and power, refrigeration, Air Source and Ground Source Heat pumps, HVAC, boilers, compressed air, Solar PV, Wind Generation, Industrial control schemes.

Background Required

Experienced Electrical Engineer with minimum 3 years

Experienced with

- Battery storage,
- Solar PV,
- Power systems

Identification of online
job vacancy language

English

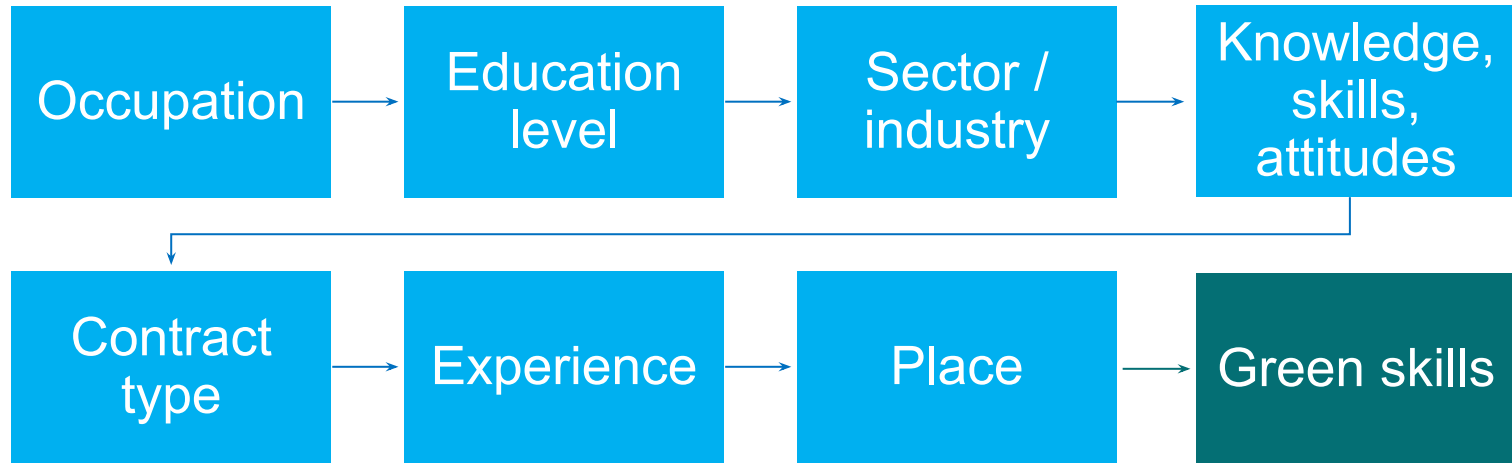
Search for Green
Terms

Cleantech
Renewable energy
Energy efficiency
Clean technology
Energy saving
Energy storage
Combined heat and
Power
Solar PV
Wind generator

Association with
Green Family

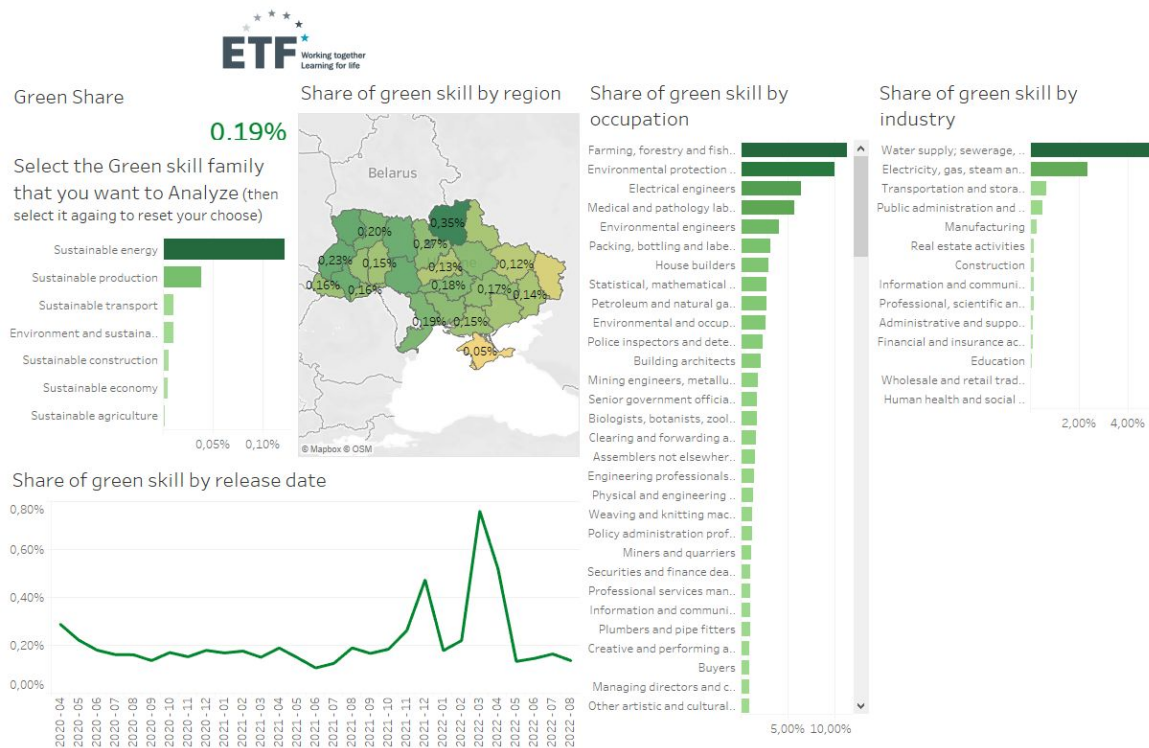
Sustainable
production
Sustainable energy

Results: “Green skills” is new dimension



Results: Green skill dashboard

<https://solutions.lightcast.io>



User: training@etf.com
Password: ETF_training_2022

Demand for remote work

Ukrainian Interpreter - Remote

Lingoland

London

Remote

£1,000 - £2,000 a month - Freelance

Apply now



In the title

Company Info

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Is a benefit?

Benefits

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Hiring Insights

Hiring 5 candidates for this role

Job activity

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- |
- Posted 15 days ago

15 days ago

new

Software developer - UK Data Service

Jisc 3.8 ★

Remote

£33,000 a year

Is a job location?

- Salary: From £33,000 per annum negotiable depending on experience.
- We are a small team who provide access to census and international data, and evidence and...

Posted 6 days ago · More...

Flexibility?

Software developer - UK Data Service

Jisc ★★★★★ 5 reviews

Remote • Remote

£33,000 a year - Full-time, Permanent

You must create an Indeed account before continuing to the company website to apply

Apply on company site



Pulled from the full job description

Cycle to work scheme

Employee discount

Paid volunteer time

Work from home

Full Job Description

More details

Software Developer - UK Data Service

Salary: From £33,000 per annum negotiable depending on experience

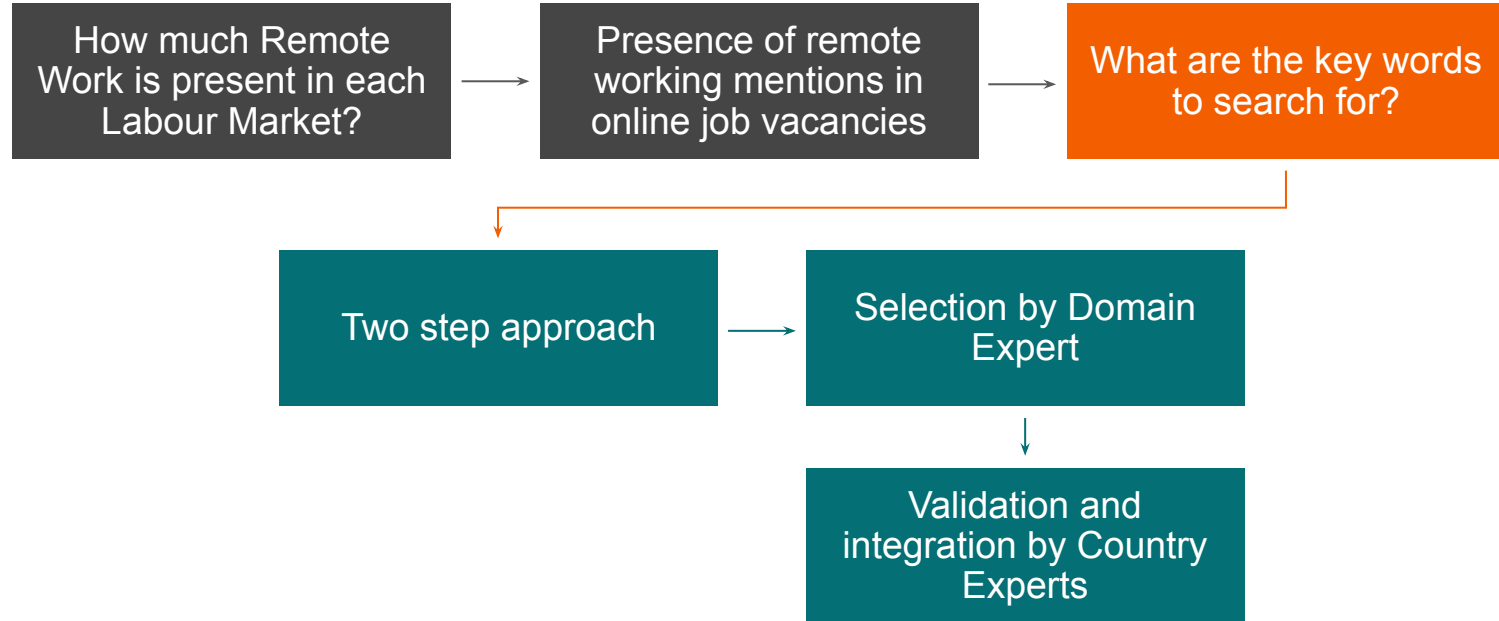
Contract: Permanent

Location: Hybrid - flexibility to work from home or at any of our main hubs (London, Bristol, Manchester and Harwell)

Jisc is the UK higher, further education and skills sectors' not-for-profit organisation for digital services and solutions. We believe education and research improves lives, and technology improves education and research.

Our vision is for the UK to be a world leader in technology for education and research and

Demand for remote work



Terms set definition - example

English:

- home based
- work from home
- remote work
- home office

Ukrainian:

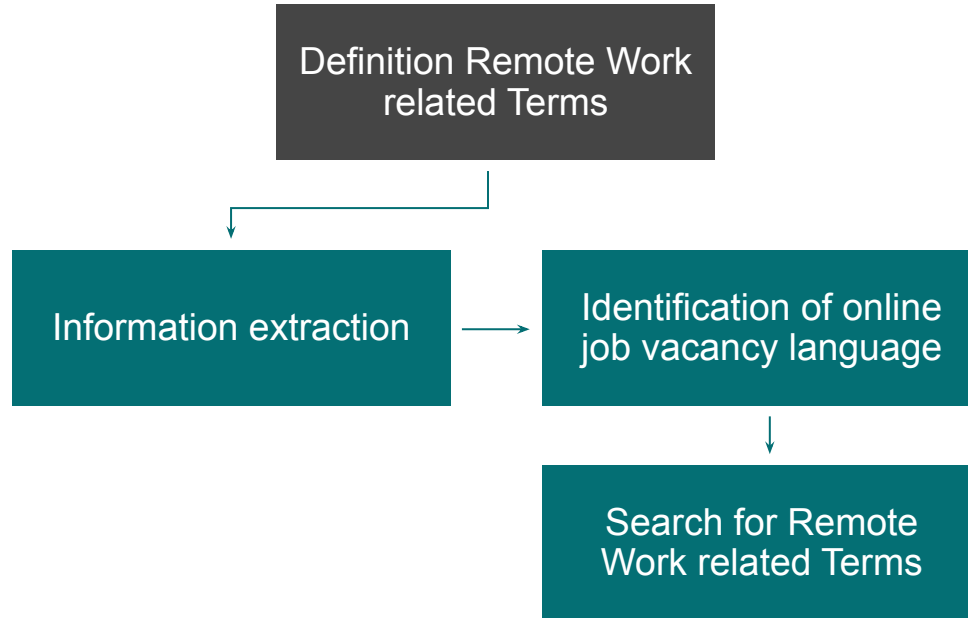
- працювати вдома
- дистанційна робота
- робота з дому
- телеробота

Italian:

- smartworking
- telelavoro
- lavoro da remoto
- lavoro agile

- English, Ukrainian, Italian, Polish, Czech, Estonian, French, German, Latvian, Lithuanian, Slovak, Spanish and Russian taxonomies were defined.
- The set of terms is language dependent: each language has its own terms, localized and reflecting specific terminology and culture

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- Some knowledge of cloud computing - e.g. AWS - would be a plus

Identification of online
job vacancy language

English

Search for Remote
Work related Terms

None of the remote
work terms are in the
ad this job posting.

Terms extraction - example

Software Developer

South East • Remote

£40,000 a year - Full-time, Permanent

We are looking for Software Developer to be a part of a team in THEIA.

This role can be **home based** anywhere in UK.

THEIA is a cloud-based integrity management solution, developed by Penspen. It has been designed to provide timely and critical information, initially for the safe and efficient running of pipelines.

Main Purpose of Role:

This role will form part of a team responsible for developing engineering assessments which will predominantly be written using python programming language.

The engineering assessments developed by the team will be implemented within our cloud-based architecture, in many cases this will require development of new methodologies for solving the engineering challenges faced by energy infrastructure as identified by Penspen's global business.

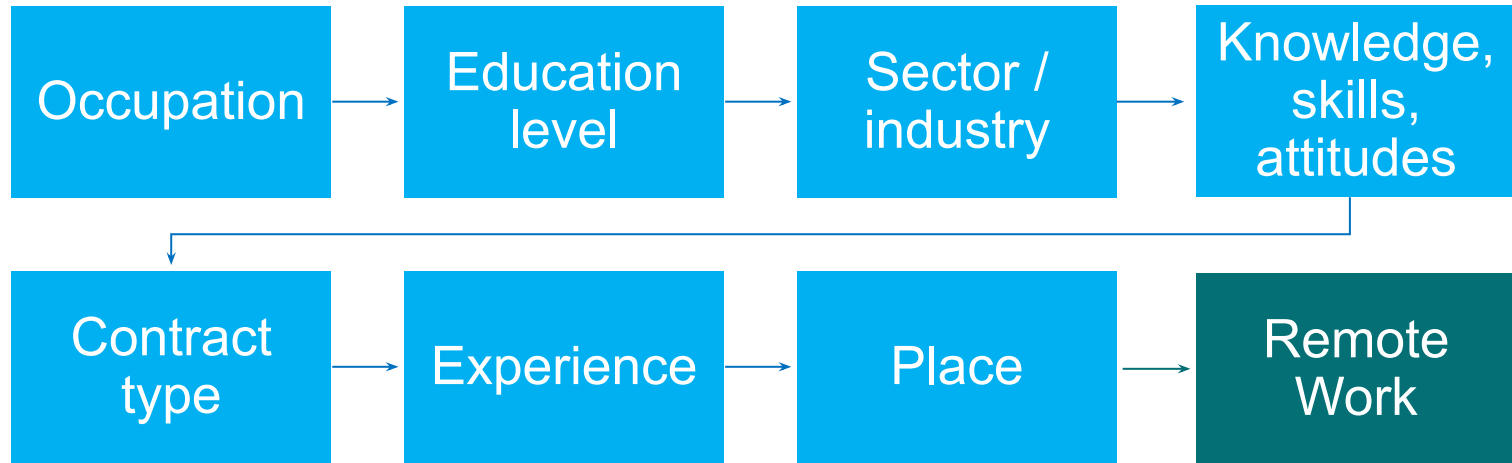
Identification of online
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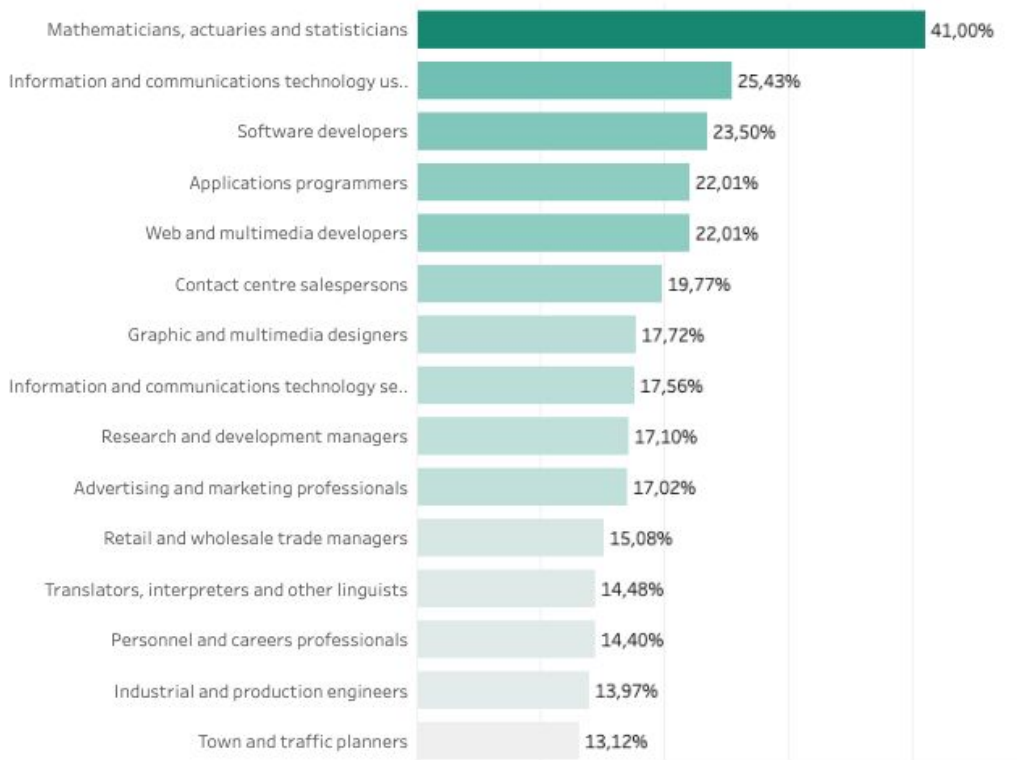
Search for Remote
Work related Terms

Home based

Results : “Remote work” is new dimension



Results: different distributions

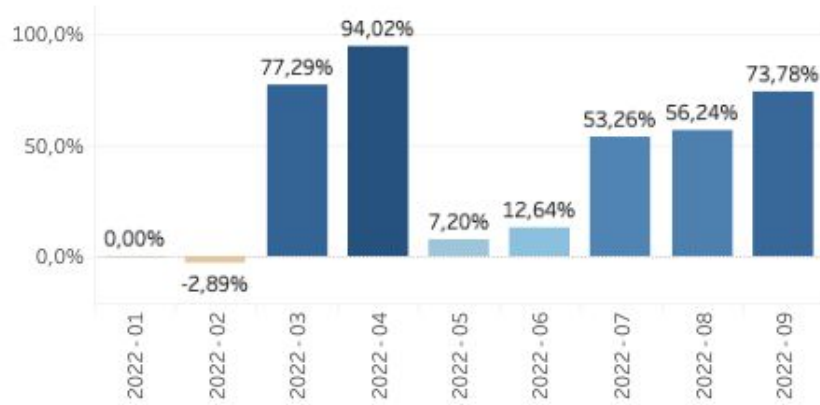


Results: analysis over time

Remote time



Delta vs 2022/01



Results: Remote work dashboard



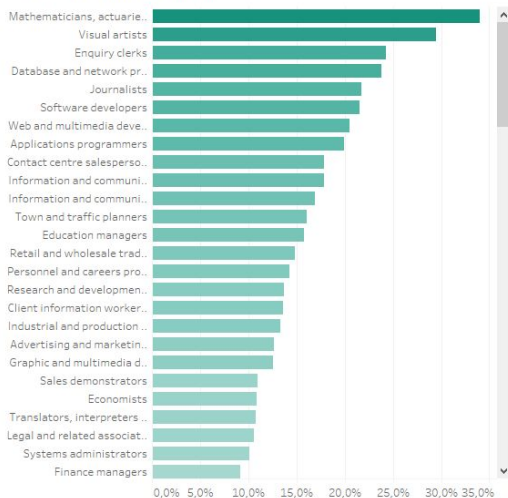
Remote Work Share

Number of remote work OJV

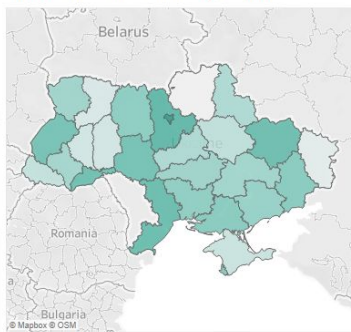
5,24%

126.782

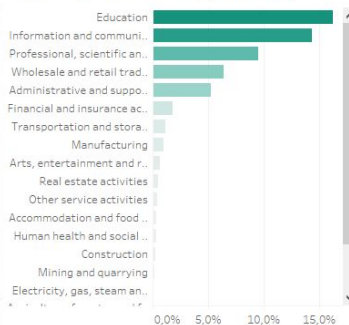
Select the Occupation that you want to Analyze (then select it again to reset your choose)



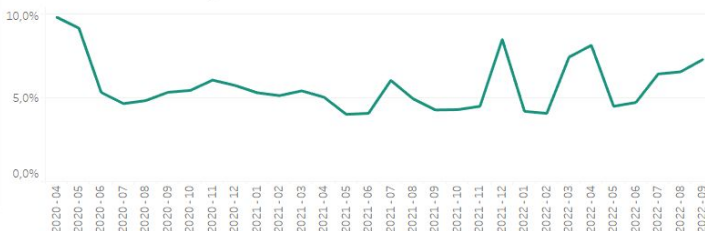
Share of remote work by region



Share of remote work by industry



Share of remote work by release date



<https://solutions.lightcast.io>



User: training@etf.com
Password: ETF_training_2022