

ESCWA Skills Monitor

User Guide

Table of Contents

Table of Contents.....	1
Overview.....	2
Who Is This For?.....	2
Main Features.....	2
1. Jobs Across ESCWA Countries (Home Page).....	2
What You'll See:	2
What You Can Do:	2
Use Cases:	2
2. Green Jobs Section	2
a) Overview in Arab Region	2
b) Explore Green Occupations	3
c) Green Jobs in Energy Sector	3
3. Benchmarking	3
How to Navigate the Platform.....	4
Main Menu	4
Visual Indicators	4
Understanding the Data	4
Data Sources.....	4
Time Range.....	4
Data Accuracy	4
Common Questions	4
Getting Started.....	5
First-Time Users.....	5
Tips for Effective Use	5
Technical Requirements	5
Browser Compatibility.....	5
Device Compatibility	5
Internet Connection	6
Support and Feedback.....	6
Glossary.....	6
Version Information.....	6

Overview

The ESCWA Skills Monitor is a data visualization and analysis platform designed to track employment trends, skills demand, and green job opportunities across the ESCWA region (Arab countries). This tool provides regional labor intelligence through interactive dashboards and comparative analysis.

Who Is This For?

This platform is designed for:

- **Policymakers** – Understand labor market trends to inform policy decisions
- **HR Professionals** – Identify skill gaps and recruitment opportunities
- **Labor Market Analysts** – Access regional employment data and trends
- **Economic Researchers** – Study workforce development patterns
- **Business Leaders** – Make informed hiring and expansion decisions

Main Features

1. Jobs Across ESCWA Countries (Home Page)

What You'll See:

An interactive map showing where jobs are concentrated across ESCWA member countries.

What You Can Do:

- Explore job distribution by country and city
- View which skills are most in demand in specific locations
- See job posting counts for different geographic areas
- Understand the geographic reach of employment centers

Use Cases:

- Finding which cities have the most job opportunities in your field
- Identifying regional skill demands
- Understanding geographic employment patterns

2. Green Jobs Section

This section focuses specifically on environmentally-friendly and sustainable employment opportunities.

a) Overview in Arab Region

What You'll See: Timeline showing the growth of green jobs from 2021-2025 and distribution of green jobs across different ESCWA countries.

What You Can Do:

- Track how green job demand is changing over time
- Compare green job availability between countries
- Understand what percentage of the job market focuses on sustainability

Use Cases:

- Assessing green economy growth in your country

- Planning workforce development for sustainable industries
- Identifying opportunities in the green economy

b) Explore Green Occupations

What You'll See: A list of occupations classified as "green" or environmentally-friendly, showing how much of each occupation is related to green work.

What You Can Do:

- Discover which job titles have green opportunities
- See the breakdown between green and non-green aspects of each occupation
- Compare green job availability across different professions

Use Cases:

- Understanding which careers have environmental focus
- Transitioning to green occupations
- Identifying training needs for sustainable jobs

c) Green Jobs in Energy Sector

What You'll See: Two main analyses: (1) How green occupations are evolving within the energy sector, and (2) The balance between green jobs and traditional Oil & Gas (O&G) positions.

What You Can Do:

- Track green job trends in energy industries
- See geographic distribution of green energy jobs
- Compare green opportunities inside vs. outside the Oil & Gas sector

Use Cases:

- Understanding energy sector transformation
- Planning for energy transition workforce needs
- Identifying where green energy jobs are located

3. Benchmarking

What You'll See: Side-by-side comparisons of labor markets across countries, using the United States as a reference point for an advanced, specialized economy.

What You Can Do:

- Select up to 2 Arab region countries to compare
- View occupational demand differences between countries
- Analyze skill similarity and gaps
- Identify emerging skill patterns

Countries Available for Comparison: Algeria, Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Somalia, Sudan, Syria, Tunisia, United Arab Emirates, Yemen, plus the United States as benchmark.

Key Metrics:

- Job counts and percentages for different occupations
- Skill similarity scores
- Shared vs. unique skills between countries
- Standardized percentages for fair comparison

Use Cases:

- Identifying skill gaps in your country's labor market
- Understanding which skills may become important as economies develop
- Planning education and training programs
- Comparing your labor market to more advanced economies

Why Compare to the US? The United States serves as a proxy for an innovation-driven, specialized labor market. By comparing to the US, you can see what skills and occupations may become more important as your economy modernizes and develops.

How to Navigate the Platform

Main Menu

Located at the top of every page:

1. **Jobs Across ESCWA Countries** – Return to the interactive map
2. **Green Jobs** – Access green jobs submenu (Overview, Green Occupations, Energy Sector)
3. **Benchmarking** – Access country comparison tools

Visual Indicators

- **Purple theme** – Jobs/Home section
- **Green theme** – Green Jobs section
- **Blue theme** – Benchmarking section

Understanding the Data

Data Sources

The platform uses employment data collected from job postings and labor market surveys across ESCWA member countries.

Time Range

Most data cover the period from 2021 to 2025, allowing you to see recent trends and projections.

Data Accuracy

- Job counts represent actual job postings collected
- Percentages are standardized to allow fair comparison between countries of different sizes
- Green job classifications follow international environmental occupation standards

Common Questions

What is a "green job"?

A green job is an occupation that contributes to environmental sustainability, such as renewable energy technician, environmental engineer, sustainability consultant, or conservation specialist.

Why are some occupations partially green?

Many occupations have both green and non-green aspects. For example, a civil engineer might work on both traditional construction and green building projects. The data shows what percentage of each occupation focuses on environmental work.

How often is the data updated?

The platform uses the most current available labor market data. Check the date ranges in each visualization for specific timeframes.

Can I download the data?

The visualizations are interactive and designed for exploration. For data export needs, contact the platform administrators.

What is ESCWA?

ESCWA stands for the United Nations Economic and Social Commission for Western Asia. Member countries include most Arab nations in the Middle East and North Africa.

Getting Started

First-Time Users

1. **Start with the Home Page** – Get familiar with the interactive map showing job distribution
2. **Explore Green Jobs Overview** – See high-level trends in sustainable employment
3. **Try Benchmarking** – Select your country and compare it to the US or regional neighbors
4. **Dive Deeper** – Use specific sections based on your research interests

Tips for Effective Use

- **Use filters** to narrow down to specific countries or cities of interest
- **Compare multiple views** to understand complete picture (e.g., overall jobs + green jobs + benchmarking)
- **Look for trends over time** rather than just current snapshots
- **Consider geographic distribution** when planning workforce development
- **Cross-reference data** between sections for comprehensive insights

Technical Requirements

Browser Compatibility

Works best on modern browsers:

- Google Chrome (recommended)
- Mozilla Firefox
- Microsoft Edge
- Safari

Device Compatibility

- **Desktop/Laptop** – Full functionality with optimal viewing experience
- **Tablet** – Responsive design adapts to tablet screens
- **Mobile** – Core features available, best viewed in landscape mode

Internet Connection

Active internet connection required to load interactive maps and data visualizations.

Support and Feedback

For questions, technical issues, or feedback about the Skills Monitor platform:

- Contact your ESCWA regional representative
- Report technical issues through your organization's support channels

Glossary

Term	Definition
ESCWA	United Nations Economic and Social Commission for Western Asia
Green Job	Employment that contributes to environmental preservation or restoration
O&G	Oil & Gas sector
Benchmarking	Comparing labor markets to identify differences and opportunities
Skill Gap	Difference between skills available in workforce and skills demanded by employers
Occupational Demand	Number or percentage of job postings for specific job titles
Labor Market Intelligence	Data-driven insights about employment trends, skill needs, and workforce patterns

Version Information

This guide corresponds to the ESCWA Skills Monitor application version 0.0.0.

Last Updated: December 2025