Big Data for Labour Market Information (LMI)
Building the system of demand analysis with online job vacancy data

Webinar 2 June 2020
Preliminary results of skills demand analysis
Other consolidated uses and cases

Session 1
Introduction and overview

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OUR WEBINAR

• Welcome!
• Eastern Partnership Platform 4 – “Make it Match” in digital format
• Participants from the 6 Eastern Partnership countries, EU, AUC

IN VIEW OF THE DATA PROTECTION AND PRIVACY POLICY WE WOULD LIKE TO INFORM YOU THAT:

The webinar will be recorded (audio and video) and it may be disseminated to a wider audience, therefore, we kindly ask to give your consent to be recorded in response to this email. If you do not want to be recorded please inform us prior to the event, and switch off your microphone and camera during the event.
A few notes on the working methodology:

• Online workshops can be challenging, due to issues with connectivity or with the use of the functionalities of the platform. Let us commit to learning and improving.

• We will use presentations as well as live demonstrations of the data dashboards (visualisation of results of analysis)

• We have a session for discussion, questions and answers (last session)

Some guidelines:

• Mute your mic when not speaking
• Unmute your mics when you want to speak and mute after speaking
• Use the chat box to share ideas, write questions - anytime during the sessions
• "Raise your hand" when you want to speak
• Share your screen when you are making a presentation
THE JOURNEY SO FAR…MID 2018 TO DATE

1. Knowledge: methodological basis (Handbook)
2. Information, dissemination, training
3. Feasibility in 2 countries: Tunisia and Morocco (landscaping and ranking Web OJV sources)
4. Establish system Real Time LMI based on online job vacancy data + visualisation tool
BIG DATA FOR LMI – CHANGE AND COMPLEMENTARITY

Data driven approach: bottom-up. Complements statistical data

Cases of Real-Time LMI: Italy

The system: analysis

The Data

Interpreting the results of data classification

Volume, Velocity, Variety, Veracity, Value

Big Data Era

AI algorithms

Torrent

Com

Anytime

Big Data Era

Volume,

Velocity,

Variety,

Veracity,

Value

BIG DATA FOR LABOUR MARKET INTELLIGENCE

IN INTRODUCTORY GUIDE

THE CHANGING NATURE OF WORK

AND WAYS OF WORKING
SKILLS DEMAND: IDENTIFY AND ASSESS

SKILLS RATES

EMERGING SKILLS AND CHANGING SKILLS MIX

LANDSCAPE AND DRIVERS OF OJV WEBSITES AND THEIR USE

SHARPEN THE POLICY QUESTIONS THAT CAN BE EXPLORED, ANSWERED

EXPLORE COMBINATION OJV ANALYSIS WITH OTHER SOURCES LMI / STATISTICAL SURVEYS
BIG DATA FOR LMI – 2020: MOVING AHEAD

Data ingestion start: Mar / cont. 1st release: Jun; 2nd: Dec  System & visualisation area: Jun  2 Analytical reports: Dec  Workshops (Webinars): Jun, Jul, Nov

Occupation  Skill  Education level  Experience  Industry  Contract type  Place
THANK YOU!  ECB@ETF.EUROPA.EU