



ONLINE

EMPLOYMENT PROMOTION

# EMPLOYMENT IMPACT ASSESSMENT THROUGH SOCIAL ACCOUNTING MATRIX (SAM) ANALYSIS

4 – 30 MAY 2026

 4 WEEKS, 15 HRS/WEEK

*Information Note*



International  
Labour  
Organization



International Training Centre

**Design smarter policies,  
predict real impact, and shape  
job-rich growth with evidence,  
not guesswork.**

## OVERVIEW

Promoting employment-rich growth requires a clear understanding of how economic policies, investments and sectoral strategies affect labour markets. Governments and development institutions increasingly need analytical tools that allow them to estimate how policy decisions translate into job creation and labour market outcomes.

Employment Impact Assessment (EmpIA) provides a structured approach to analysing how economic interventions influence employment. Among the available analytical methodologies, approaches based on Input–Output (I-O) Tables and Social Accounting Matrices (SAMs) are widely used to estimate the direct, indirect and induced employment effects of investments and changes in demand. This methodology captures linkages across economic activities and provides insights into how investment or policy changes propagate throughout the economy.

In this context, in collaboration with the ILO, the International Training Centre of the ILO (ITCILO) offers a specialized online course aimed at strengthening the capacity of policymakers, analysts and researchers to conduct employment impact assessments using approaches based on I-O Tables and Social Accounting Matrices.

The course combines conceptual foundations with practical applications, enabling participants to develop the analytical skills required to estimate employment effects and use evidence to inform policy design and programme planning.

## WHAT

### WHAT WILL I BE ABLE TO DO?

By the end of the course, participants will be able to:

- Understand the conceptual foundations of Employment Impact Assessment and the ILO's analytical approach.
- Analyse employment within a macroeconomic framework.
- Interpret key labour market indicators to support policy decisions.
- Use Input–Output Tables and Social Accounting Matrices as frameworks for economy-wide analysis.
- Apply SAM-based multiplier analysis to estimate direct, indirect and induced employment effects of investments and policy interventions.
- Interpret analytical results and translate them into policy-relevant insights for promoting job-rich growth.

# WHAT WILL I LEARN?

The course is structured into a series of weekly modules that take participants on a progressive learning journey—from core concepts to hands-on application—culminating in the ability to conduct and interpret Employment Impact Assessments in real-world contexts.

Over four weeks, participants will engage in **eight interactive webinars**, each designed to build both conceptual understanding and practical skills:

## 1. Introduction to Employment Impact Assessment

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Discover the ILO's approach to EmpIA and understand why it is essential for informed policy and investment decisions. This session explores key concepts, common challenges, and the range of methodologies used to assess how interventions affect job creation and job quality.

## 2. National Accounts and the Circular Flow of the Economy

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Learn to “read” the economy through national accounts. This webinar introduces the I-O Table and the SAM as powerful tools to capture the structure of an economy and reveal macro-level linkages between economic actors.

## 3. Employment Creation and the Multiplier Process

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Explore how economic transformation shapes employment outcomes. This session unpacks the logic of the multiplier process, showing how changes in one sector ripple through the economy to generate direct, indirect and induced employment effects.

## 4. Introducing Exogenous Shocks and Analysing Employment Multipliers Using I-O Tables

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Move from theory to practice. In this applied session, participants will simulate policy or investment shocks within an I-O framework and analyse their effects on output and employment.

## 5. Supply-Use Tables and Social Account Matrix

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This webinar introduces Supply-Use Tables and Social Accounting Matrices, with a focus on understanding how they differ from I-O tables.

## 6. Introducing Exogenous Shocks and Analysing Employment Multipliers from a Social Accounting Matrix

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Move from theory to practice. In this applied session, participants will simulate policy or investment shocks within a SAM framework and analyse their effects on output and employment.

## 7. Labour Statistics and Decent Work Indicators

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Go beyond job numbers. This session highlights how to integrate labour statistics and decent work indicators into EmpIA, capturing both the quantity and quality of employment outcomes.

## 8. A Practitioner's Step-by-Step Guide to Employment Impact Assessment and Discussion of Final Exercises

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Learn how to conduct an EmpIA in practice—from data preparation and modelling to interpreting results and validating assumptions—ensuring robust and policy-relevant analysis. The session also provides an opportunity for participants to present and discuss their final exercises. This is a key moment for consolidating learning, receiving expert feedback, comparing approaches, and deepening understanding through real analytical challenges.

Throughout the course, participants will engage in **applied, data-based exercises**, working with real-world data. With guidance from tutors, they will progressively build their analytical skills, reflect on results, and gain confidence in applying EmpIA tools in their own professional contexts.

# WHO

### WHO TAKES THIS COURSE?

The course is intended for professionals with an interest in evidence-based policymaking and in using quantitative tools, such as Input-Output tables and Social Accounting Matrix (SAM) analysis, to understand the employment effects of economic policies, investments and development programmes. It will be particularly relevant for:

- Government officials from ministries of labour, planning, finance, economy and sectoral ministries involved in policy analysis and programme design
- Development practitioners and technical specialists from international organizations, development agencies and non-governmental organizations
- Policy advisors and consultants involved in economic policy analysis and impact assessment

# HOW

### WHAT'S THE FORMAT AND METHODOLOGY?

The course is delivered fully online over four weeks through the ITCILO eCampus platform and combines synchronous and asynchronous learning activities.

Each week includes:

- Two live webinars led by subject-matter experts, providing conceptual explanations and space for discussion;
- Self-paced learning materials introducing key concepts, analytical tools and applications to real-life context;
- Individual practical exercises allowing participants to apply Input-Output and SAM-based analysis using real data.

The course adopts a hands-on learning approach, combining theoretical presentations with guided analytical exercises implemented in spreadsheet-based tools. Participants progressively build their analytical capacity by completing practical tasks and interpreting their results in a policy context.

Throughout the course, participants interact with experts, tutors and peers through discussions and collaborative exchanges, fostering peer learning and international networking.

## CERTIFICATION

### WHAT CERTIFICATION WILL I GET AS A SUCCESSFUL CANDIDATE?

On successful completion of the programme requirements, you will be awarded an ITCILO **Certificate of Achievement**. This certificate shows that you have fulfilled all assignments, knowledge tests and other prerequisites to a minimum standard.

The complete effort amounts to at least 60 hours of learning.

The certificate is an electronic certificate which is protected by block-chain technology and can be displayed on social media.

## HOW TO APPLY

You can find the application form here: <https://oarf2.itcilo.org/DST/A9719111/en>

Deadline for application: **26 April 2026**

## TUITION FEES

€1,125

ITCILO has a limited number of fellowships available for developing countries that may cover part of the tuition fees! If eligible, early applicants will be given priority so, if you are interested in the course, submit your application as soon as possible. *You will be able to add your request for an ITCILO fellowship directly in the application form mentioned above.*

### **WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES**

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

## **INFO**

### **FOR FURTHER INFORMATION PLEASE CONTACT**

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**COURSE CODE: A9719111**