# AI & DIGITAL TRANSFORMATION FOR PUBLIC PROCUREMENT

**18 MAY – 22 MAY 2026**
**TURIN, ITALY**

*Information Note*

International Labour Organization

ITC International Training Centre

**"** **Don't just adapt to the future of public procurement—help shape it with AI-driven insight and ethical innovation. "**

# OVERVIEW

The daily duties of any public procurement officer are grounded in purchasing goods, works, and services in a way that is transparent, fair, **efficient**, and compliant with regulations, giving the best possible value for money. This makes procurement processes constantly (and increasingly) exposed to n**ew opportunities** such as **digital innovations** and **Artificial Intelligence** (AI).

From strategic procurement planning to bid evaluation, contract management and risk management, AI is transforming how organizations can plan, source, and manage goods and services purchases; introducing new levels of efficiency, transparency, and freeing practioners to do better strategic decision-making through their expertise in judgement calls.

Yet, the adoption of AI in procurement also raises critical questions related to data quality, ethical use, accountability, and digital readiness. Procurement officers will be able to develop a strong understanding of these opportunities and challenges to harness AI responsibly and effectively.

# OBJECTIVES

By navigating in core public procurement principles and methods, this immersive residential course developed by the International Training Centre of the ILO (ITCILO), will provide procurement professionals with **practical knowledge and hands-on insights into the use of AI tools for specific procurement processes** (eg.: AI in Market Analysis, in Bidding Evaluation, in Contract Management, etc.), offering both a strategic and operational perspective, with a focus on how AI can be **responsibly applied** in procurement operations. Through interactive online sessions and plenty of case studies and applications coupled  in the residential phase, and, participants will review procurement principles and, by understanding what digital technologies and AI serve for, reflect on how they may contribute to more efficient, transparent, and sustainable procurement practices. It is composed of an online phase and and is broken down into three phases.

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

- Delve into the core concepts of Public Procurement;

- Understand the core concepts of AI and its application to procurement;

- Identify usecases and apply AI-powered tools in different steps of the procurement cycle, such as strategic procurement planning, bidding process and evaluation, and contract management;

- Anticipate risks and ethical issues in the use of AI for procurement;

- Frame action-oriented strategies to leverage AI and digital workload management tools in their respective institutions for more efficient, transparent, and sustainable procurement processes.

# TARGET GROUP

The course is designed for:

- National and international public procurement practitioners;

- Procurement staff of national agencies;

- Project directors and procurement staff of projects funded by International Financial Institutions (World Bank, Asian Development Bank, African Development Bank, Islamic Development Bank, European development banks, etc.);

- Personnel from the United Nations, the European Union, and non-governmental organizations;

- Officers involved in the financing, control, and monitoring of national procurement operations, including those involving works and working on e-procurement systems.

# TRAINING METHODOLOGY

This course is an immersive experiece that aims to build a solid understanding of AI fundamentals while revisiting core procurement principles, enabling the identification and application of AI within key procurement processes. The residential sessions will be focused on Digitalization and AI applied to Public Procurement and will accompany formal training with activities fostering knowledge exchange and cross-fertilization of ideas. Through interactive sessions, case studies, and peer exchange, participants will reflect on how these technologies may contribute to more efficient, transparent, and sustainable procurement practices. To conclude, participants should apply the key learnings and reflect on a ethical usage of AI to a concrete context.

## MODULE SUMMARY

1. **AI Fundamentals** (Data, Natural Language Processing, Machine Learning, Generative AI – and Agile Frameworks applied to Public Procurement)

2. **AI in Strategic Procurement Planning**
   a. Market Analysis
   b. Cost Estimation
   c. Scenario & Evaluation Criterias: sensitivity analysis
   d. Augumented Content Creation for Procurement Documents

3. **AI in Bidding Process and Selection**
   a. Preparation of Bidding Documents
   b. Processing Bidders Proposals for Qualification

4. **AI in Bid Evaluation**
   a. Streamlining Technical and Financial Evaluations of qualified bidders through RAG (Retrieved Augmented Generation)

5. **AI and Digital Tools in Contract Management**
   a. AI-assistant for Procurement Manuals
   b. Digital Tools for KPIs Monitoring
   c. Agile Principles and Digital Tools for Task Management

6. **AI Implementation and Digital Transformation Roadmap**
   a. Creating AI-ready Data
   b. AI Ethics
   c. AI Maturity Assessment Frameworks
   d. Challenges in implementation and foresight

7. **AI Governance and Ethics**

8. **Wrap-up & Project-based assessment**

The 5-day immersive face-to-face training course on "AI & Digital Transformation for Public Procurement" will take place from May 18 to May 22, 2026 and will consist of an immersion in the main applications of AI and Digitalization for Public Procurement throught the face-to-face sessions, case study exploration and hands-on exercises to apply the acquired knowledge and experimenting tools.

All the foundations and resources needed for making the most of the immersive experience will also be available online, through our e-Campus.

| | DAY 1 (05/18/2026) | DAY 2 (05/19/2026) | DAY 3 (05/20/2026) | DAY 4 (05/21/2026) | DAY 5 (05/22/2026) |
|---|---|---|---|---|---|
| 09:00 – 10:30 | AI FUNDAMENTALS | AI IN STRATEGIC PROCUREMENT PLANNING | AI IN BIDDING EVALUATION | AI ETHICS | STUDY VISIT: GUIDED TOUR & LECTURE |
| 10:30 – 11:00 | BREAK | | | | |
| 11:00 – 12:30 | AI IN STRATEGIC PROCUREMENT PLANNING | AI IN BIDDING PROCESS AND SELECTION | AI IN BIDDING EVALUATION | AGILE PRINCIPLES AND DIGITAL TOOLS APPLIED TO PROCUREMENT ACTIVITIES | |
| 12:30 – 14:30 | LUNCH | | | | |
| 14:30 – 16:00 | AI IN STRATEGIC PROCUREMENT PLANNING | AI IN BIDDING PROCESS AND SELECTION | CREATING AI-READY DATA | WORKSHOP: IMPLEMENTATION AND DIGITAL TRANSFORMATION ROADMAP | WORKSHOP: IMPLEMENTATION AND DIGITAL TRANSFORMATION ROADMAP |

Each session will be hosted by a facilitator and an expert on the topic of the session, showcasing practical use of AI in procurement.

# PRACTICAL INFORMATION

After successfully participating in all sessions and its activities, participants obtain an official ITCILO Certificate of Participation in Digital Credentials Format.

# HOW TO APPLY

Applicants are kindly asked to send us a completed online registration form:
https://oarf2.itcilo.org/CST/A9019322/en

# COST

The course costs **€1,840**

Accomodation & Subsistence: **€755**

Total: **€2,595**

For further information, please email ITCILO_procurement@itcilo.org directly.

# CAMPUS LIFE

## A THRIVING UNITED NATIONS CAMPUS AND COMMUNITY OF PROFESSIONAL PEOPLE FROM AROUND THE WORLD

- **Three organizations** from the United Nations system on campus
- **More than 300 training courses** and activities in a stimulating international environment
- **Thousands of participants** from all over the world

## ENVIRONMENT AND SURROUNDINGS

**Grab a campus bicycle and explore the Turin Centre.** Located in a leafy park on the banks of the Po River, it's a great place for study and collaboration. Experience innovative learning and training methods in modern classrooms equipped with simultaneous translation services.

## HOUSING, DINING, AND MORE

Comprising more than 280 private dormitories, the **Turin Campus provides a broad range of services for course participants and partners** including a free-flow restaurant, travel agency, laundromat, post office, gym, medical services and a reception desk open 24/7.

## COMMUNITY ENGAGEMENT AND DIVERSITY

**Participants can enjoy social events organized by the Turin Centre** as well as by their course facilitators. Whether on or off campus, people from different cultural backgrounds have the opportunity to listen to live music together, cook and share traditional foods, or team up to play games and network.

## 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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