

# **Women in STEM Workforce Readiness and Development Program**

International Labour Organization (ILO)

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# The fourth wave of technological advancement



# INDUSTRY 4.0

# How technology is **changing jobs and enterprises**

**Automation has 3 distinct economic impacts in Thailand**

✓ Potential displacement of labour

✓ Increases labour productivity

✓ Raises investment in the economy



# Women and less qualified more at risk

**Vulnerable workers** at high risk of automation in Thailand



**Women** are

**50%**

more likely than men



Those with **primary education** are

**90%**

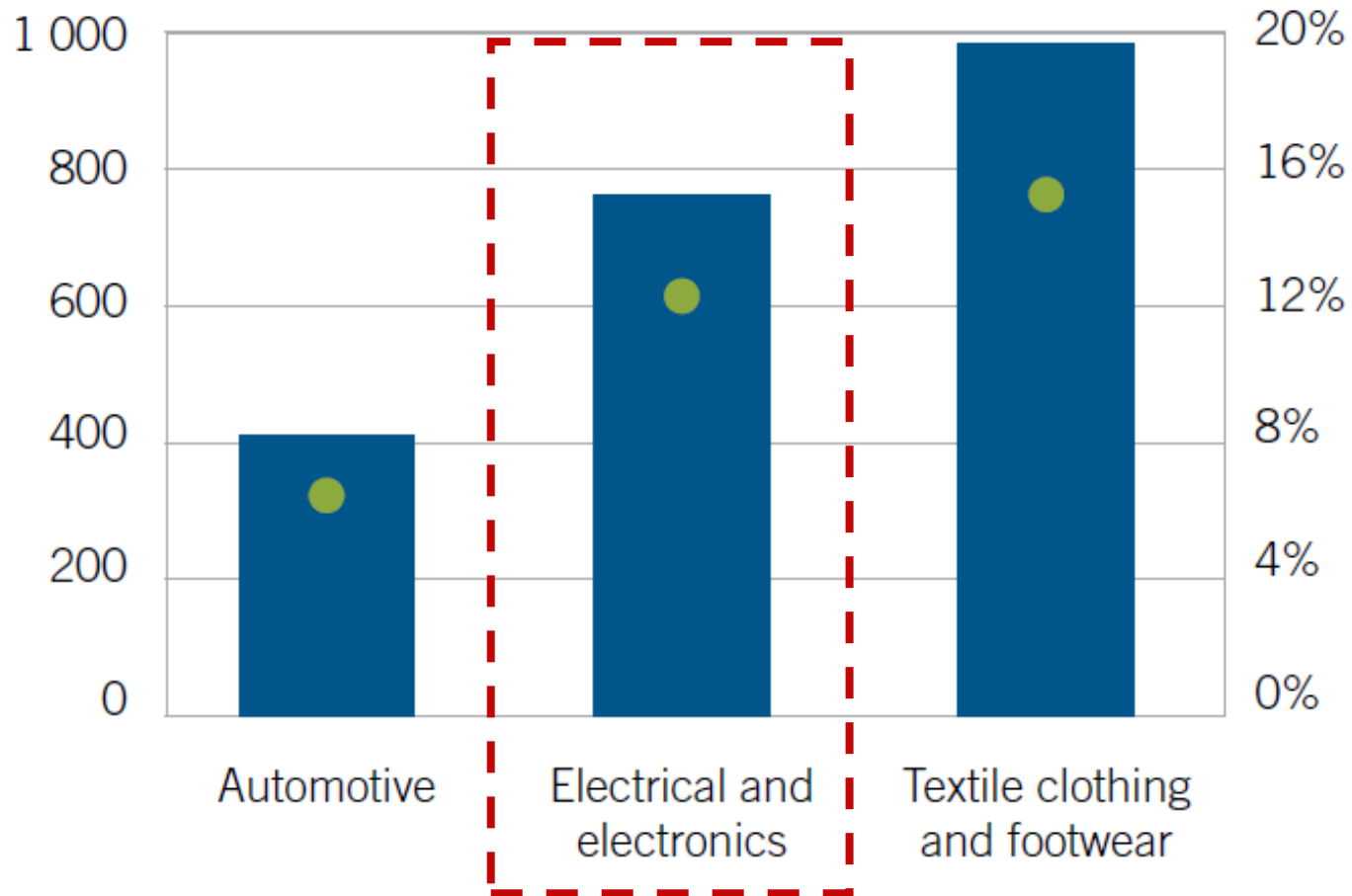
more likely than those with tertiary

# **ILO Women in STEM Progam**

## *Electrical and Electronics sector*



# Employment data – Why the Electrical and Electronics sector?



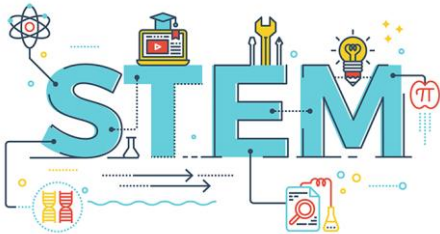
- Employment (thousand), left axis
- % of manufacturing employment, right axis

# The future of jobs in the **Electrical and Electronics** sector

## Key challenges and opportunities for enterprises



✓ **75% of workers** are at a high automation risk.



✓ **Shortage** of technical backgrounds in **STEM**.



✓ Tapping the **female talent pool** is a key area for workforce development.

# **ILO Women in STEM Program**

## *Program Outline*





# Overview of the ILO Women in STEM Program



The Women in STEM Program aims to deliver training to **1,760 women** to help women and enterprises **close skills gaps and create quality employment.**

## What is included in the program?

### HARD SKILLS

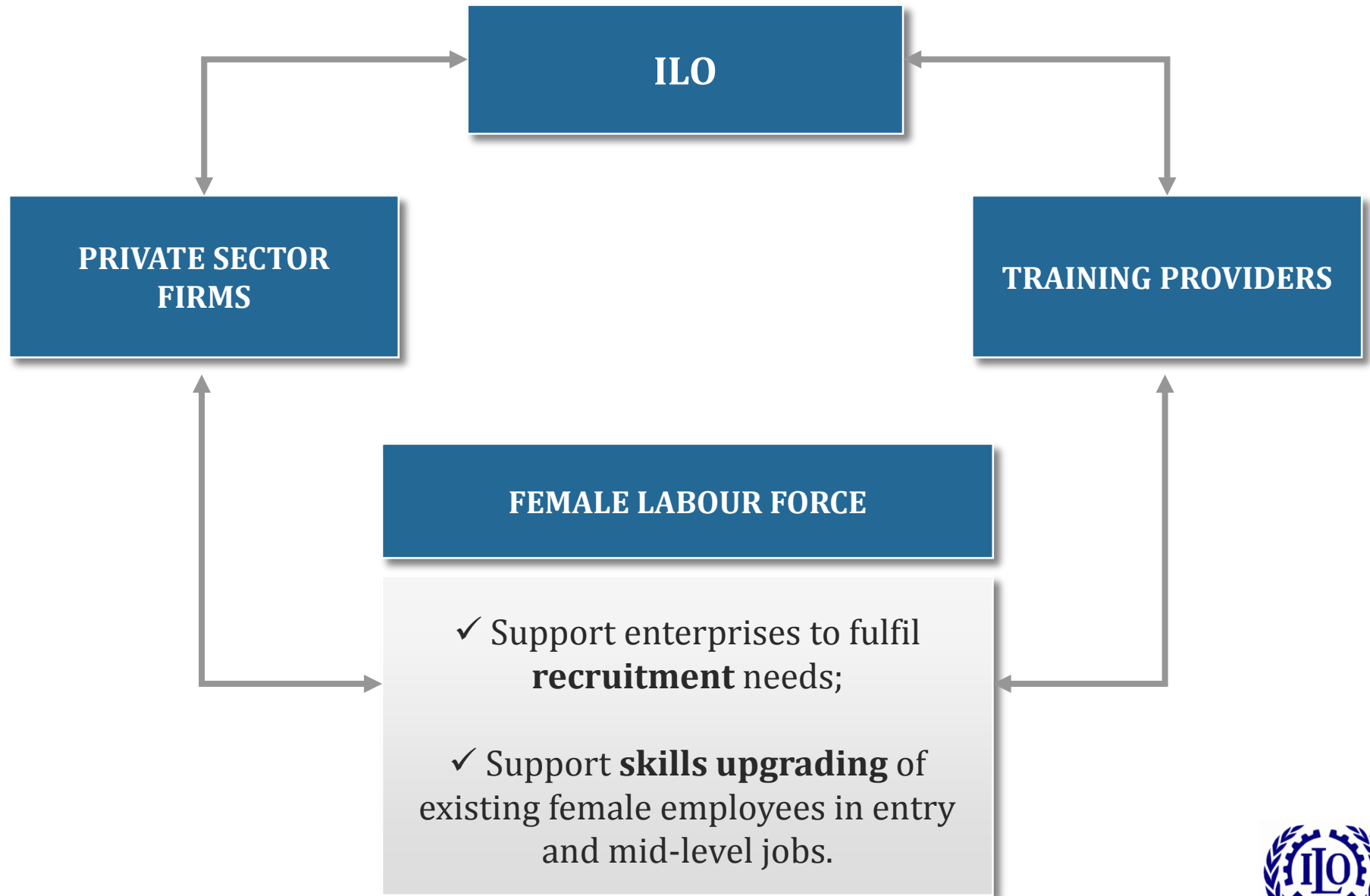
### SOFT SKILLS



The ILO program is developed to provide **both critical soft and industry-specific STEM-related skills.**



# Program strategy – Technical skills development



## ILO *In Business* methodology



- ✓ An innovative learning approach designed by the ILO to **boost critical soft skills, leveraging peer learning networks to support development, growth, and enhancement of enterprises.**

# Further actions

**1. Work with your members to improve their recruitment and workplace-based training;**

**2. Share practical enterprise development training tools for you to provide to your members;**

**3. Schedule individual meetings with each interested Chamber to reach out and engage your members in the Women in STEM program;**





# Do you want to participate?

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