



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

# Industry 4.0

## Business development and sustainable job creation for youth, women and people with disabilities in Iran (140137)

### CONTEXT

Iran is one of the largest economies in the Middle East and North Africa region with a population of more than 80 million people in the third place in the region and per capita production, ranks 6-7 in the region. Iran has experienced stagflation in recent years, and the country's growth rate has been among the lowest in the region. In 2017, the share of ICT in Iran's GDP was 2.5% and the share of digital economy was 4.1%, while these numbers are respectively for global economy were 4.5% and 15.5%. According to IDC, by 2022, with the huge investment in digital transformation, the share of digital economy in the global economy will increased by more than 65%. The initial target is to achieve a 15.5% share in 2023, in Iran. Achieving these goals requires the development of new business models in the IT sector and form new businesses and facilitate the transition from traditional to digital economy.

### STRATEGY

UNIDO In cooperation with the MCLS of Iran and with the participation of the private and public sectors, launched the "IT Sector Development" subproject with the aim of building successful cases in all three aspects of labor supply, labor demand and institutionalization in the IT sector. In the supply side, increase individual employability by holding short-term skills

training courses with the participation of leading IT companies and the use of new training methods has been implemented. In order to improve labor demand, IT market development in the country and internationally has been facilitated and the use of new digital technologies by traditional businesses in various sectors has been promoted, This became even more important during the COVID-19 outbreak. In institutionalization side, establishment of public-private institutions with the focus on leading IT companies, to develop platform-based Ecosystems, has been done.

### IMPACT

- Increased awareness in the private and public sectors on the development of the digital economy.
- Platform based Ecosystems in blockchain, AI, digital content, engineering software, digital health, and biological computation technologies developed by leading six national IT business support institutions.
- Digital transformation and revenue growth in traditional businesses in education, creative industries, and health sectors, facilitated through the development of nine platforms.
- The employment rate of individuals increased through the implementation of new skills training methods and establishment of advanced academies.
- 72 start-ups/MSMEs established by support of provincial and national IT institutions.
- 1400+ jobs opportunities created by provincial and the National IT institutions and leading IT companies.
- 10%+ of the country's video games export, to over 70 countries with the help of four international publishers, achieved by the provincial support institution.

### WORKING TOWARDS



### ASIA



### GEOGRAPHICAL COVERAGE

## ISLAMIC REPUBLIC OF IRAN



### DURATION

2015-2021



### TOTAL BUDGET

USD 3,114,605



### GOVERNMENT COUNTERPART:

Ministry of Cooperative, Labour and Social Welfare (MCLS) of Iran



### CONTACTS

unido@unido.org



## STORIES FROM THE FIELD

**“Upgrading skills, developing the platform-based ecosystems and enhancement of the public-private partnership, have helped the IT sector to use new digital technologies for the digital transformation of traditional businesses.”**

*Sohail Vatandoost  
C.E.O. National Foundation for Technology Development*

SCAN TO ACCESS  
MORE INFO ABOUT  
UNIDO PROJECTS.



Platform based Eco-systems in blockchain, AI, digital content, engineering software, digital health, and biological computation technologies developed by leading six national IT business support institutions



Digital transformation and revenue growth in traditional businesses in education, creative industries, and health sectors, facilitated through the development of nine platforms



72 start-ups/MSMEs established by support of provincial and national IT institutions



1400+ jobs opportunities created by provincial and the National IT institutions and leading IT companies