



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



UNIDO NETWORK OF INVESTMENT AND  
TECHNOLOGY PROMOTION OFFICES  
BAHRAIN

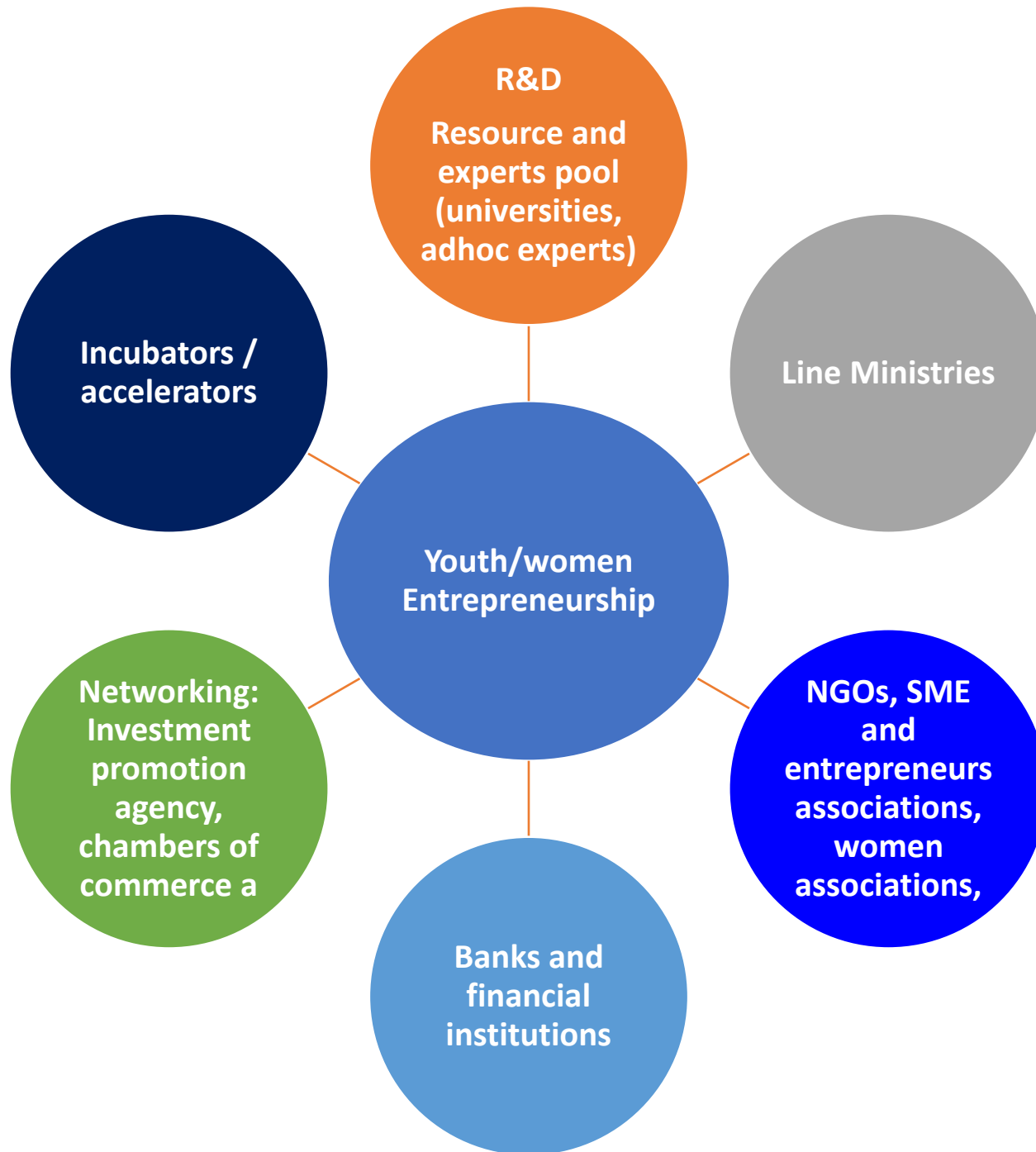
# Fostering AI innovation Entrepreneurship and Innovation Ecosystem

**UNIDO ITPO Bahrain**

# AI Contribution to major economic sectors

- **Global Economic Impact:** AI is expected to **contribute up to \$15.7 trillion to the global economy by 2030**. (*\$6.6 trillion increased productivity / \$9.1 trillion from consumption*)
- **Healthcare:** AI applications could **save \$150 billion annually by 2026 through efficiencies in diagnosis, treatment planning, and patient care**.
- **Finance:** AI is projected to **add \$1 trillion in value** to the global banking industry by 2030 through *enhanced fraud detection, risk management, and customer service*.
- **Retail:** AI-driven personalization and inventory management could **increase retail profits by 60%**.
- **Manufacturing:** AI could **boost manufacturing productivity by 20%** through predictive maintenance and quality control.

- **Transportation:** Autonomous vehicles and AI-driven traffic management systems could **reduce traffic accidents by 90% and save \$190 billion annually** in the U.S. alone.
- **Agriculture:** AI in precision farming could **increase crop yields by 30% and reduce costs by 20%**.
- **Energy:** AI applications in smart grids and renewable energy management could **save the energy sector \$200 billion annually**.
- **Education:** AI in education market was valued at \$2.5 billion in 2022 and is **projected to reach \$54 billion by 2032**
- **Orange economy valuation in 2023 reached \$985 billion; AI-driven personalization in media and entertainment can **increase user engagement by 20-30%****

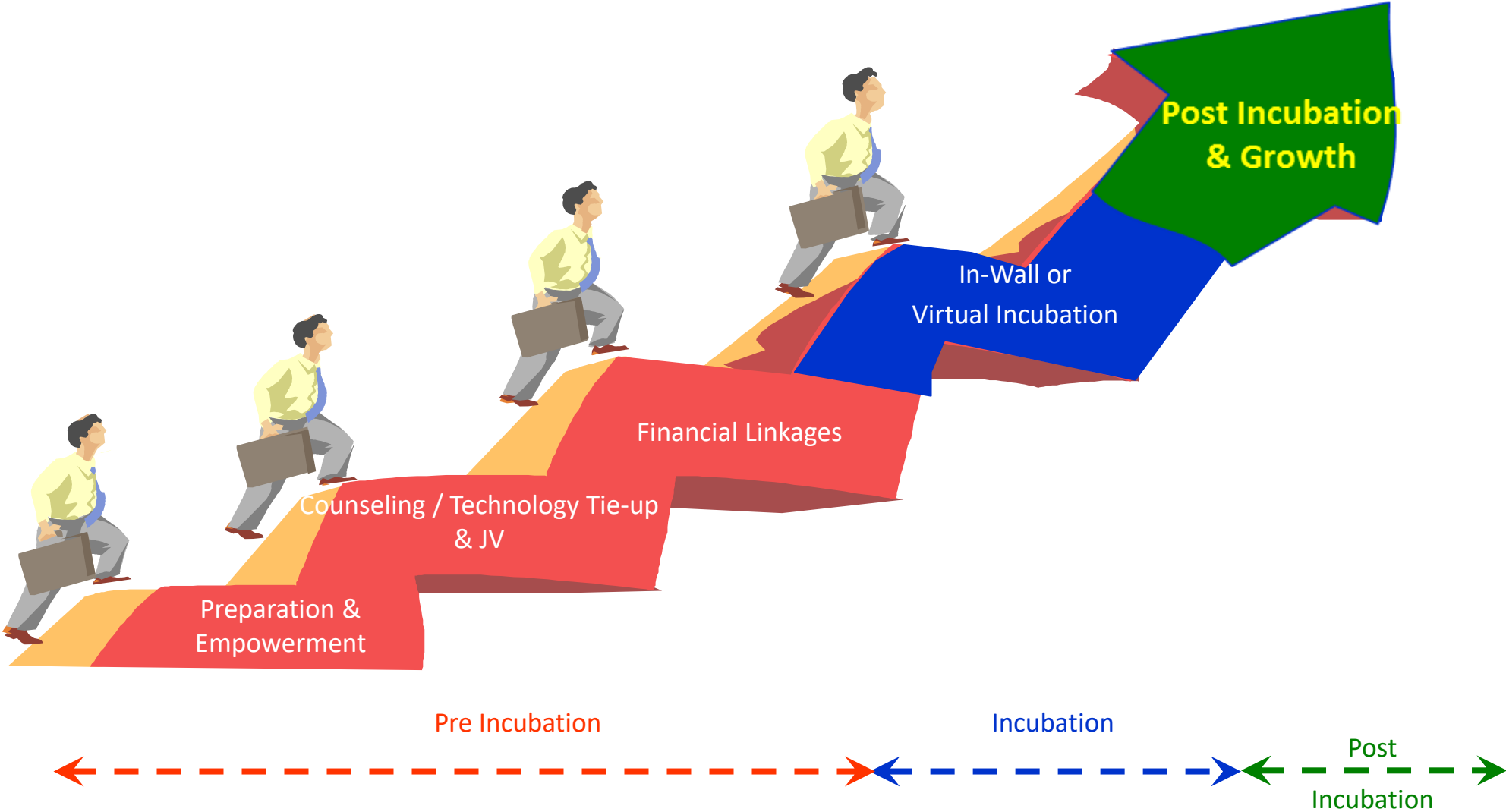


# Kingdom of Bahrain

- In 2022, the National AI Strategy 2030 and Digital Government Strategy was launched
- Regional Financial Hub accounts for around 19% of Bahrain's GDP
- CBB in 2023, the average daily value of Murabaha Sukuk transactions was approximately BD 30 million (\$80 million USD)
  - Regulatory Sandbox: AI-powered solutions
  - Digital Finance Advice
  - Digital AI Transformation Strategy
  - Bahrain Supernova FinTech Challenges
- Bahrain Incubators and Accelerators (Bahrain Fintech Bay, Brinc, etc.)
- 70% of Government services are online with a usage rate of 90%
- Incubators and accelerators in various fields
- Amazon Web Services in 2019

# Enterprise Development & Investment Promotion Program (EDIP)

## “The Bahrain Model”



# EDIP “The Bahrain Model” – Adopted Globally



# UNIDO – Intel “Virtual Innovation & Entrepreneurship Hub”

<https://e-entrepreneurs.org/>

Virtual Innovation and Entrepreneurship Hub

HOME ABOUT SUCCESS STORIES EVENTS RESOURCES Q&A PARTNERS CONTACT

Submit Login Register  Search

Teamwork

JOIN THE CHALLENGE! COMPETITION & TURN YOUR IOT IDEA INTO REALITY

Get Started

## ABOUT THE PROGRAM

Economic growth required for the eradication of poverty and the achievement of the other associated MDGs depends on capital accumulation (investment) and technical change going hand in hand. Foreign direct investment (FDI) in particular is an important driver of industrial performance, as it is expected to improve industrial productivity growth directly by infusing new capital, technologies and managerial know-how, and by improving the average skills and efficiency levels of industry.

An important factor, inter alia, which would influence the success of FDI promotion efforts, is the availability of qualified local entrepreneurs/investors backing the investment projects.

intel | UNIDO UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION | UNCTAD

Read More





UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



UNIDO NETWORK OF INVESTMENT AND  
TECHNOLOGY PROMOTION OFFICES  
BAHRAIN

# Fostering AI innovation Entrepreneurship and Innovation Ecosystem

**UNIDO ITPO Bahrain**

- Comprehensive AI Regulatory Governance Framework
  - Ethics and transparency committee
  - Monitoring
- Conducive Ecosystem that supports Entrepreneurship and Innovation

# Incorporating AI can significantly enhance efficiency, decision-making, and customer experience

- Identify Business Needs:
- Set Clear Objectives:
- Gather Data:
- Identify the AI technology available
- Choose the Right AI Tools
- Funding
- Develop a Pilot Project:
- Incorporate the AI technology in the existing system
- Build a Skilled Team:
- Monitor and Evaluate:
- Scale Up:
- Stay Updated:





World **Entrepreneurs**  
**Investment** Forum





UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



# Fostering AI innovation Entrepreneurship and Innovation Ecosystem

**UNIDO ITPO Bahrain**