DCED 41ˢᵗ Annual Meeting
Vienna / Austria, 14 June 2019

MEMBER UPDATE:
SELECT DEVELOPMENTS

- UNIDO -

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CONTENT

- Recap: mandate, priorities, functions

- Strategic management priorities 2019

- Upscaling:
  - Highlights: trade – investment – innovation
  - Programme for Country Partnerships (PCPs)

- "New" topics

- Gender equality/WEE

- Business sector partnerships

- Forthcoming: Industrial Development Report 2020

UNIDO MANDATE:

Inclusive and sustainable industrial development (ISID)

3 THEMATIC PRIORITIES:

I. CREATING SHARED PROSPERITY

- Agribusiness and rural development
- Women and young people in productive activities
- Human security and post-crisis rehabilitation

II. ADVANCING ECONOMIC COMPETITIVENESS

- Investment, technology and SME development
- Competitive trade capacities and corporate responsibility
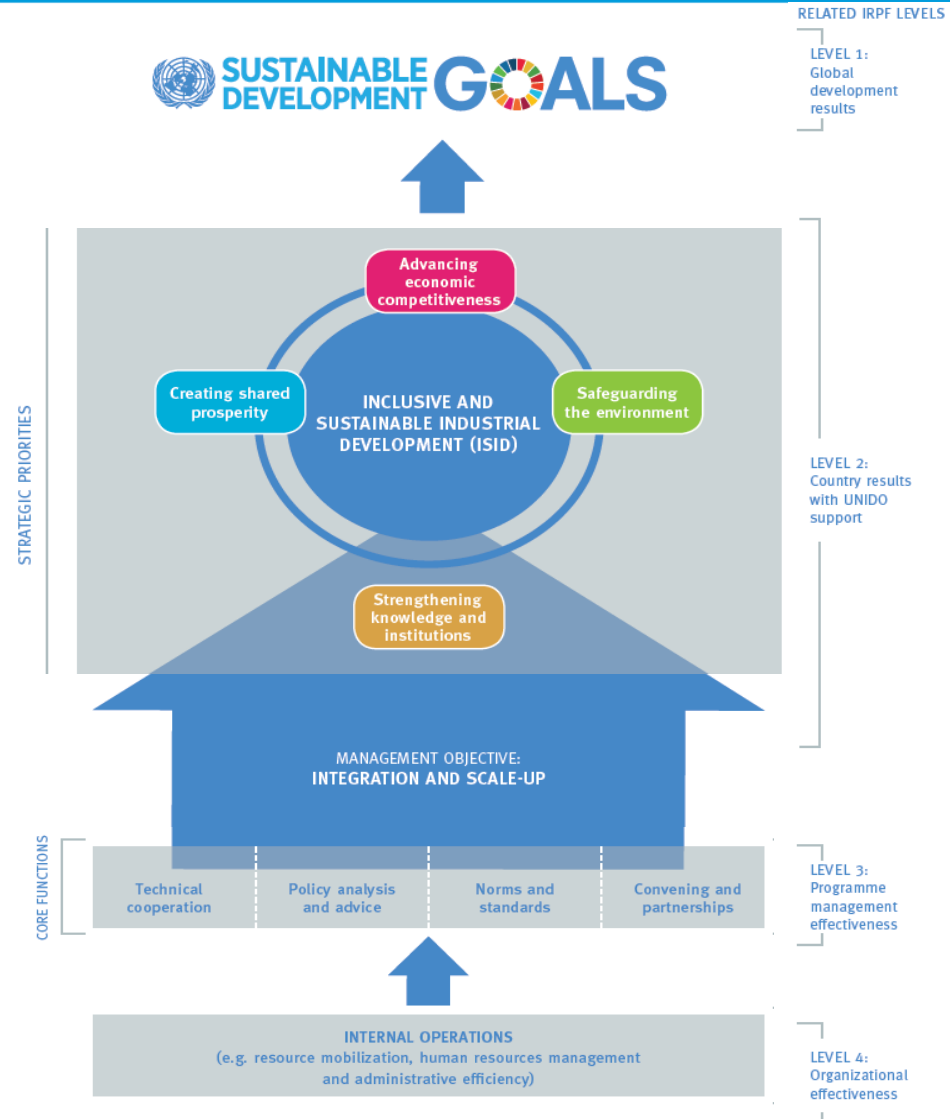- Entrepreneurship development

III. SAFEGUARDING THE ENVIRONMENT

- Resource-efficient and low-carbon industrial production
- Access to clean energy for productive use
- Implementation of multilateral environment agreements

PSD (SME/ enterprise) development is at core of most/all UNIDO work

MEDIUM TERM PROGRAMME FRAMEWORK 2018-2021

- **MTPF 2018-2021**: a comprehensive framework to help UNIDO achieve its mandate

- Integrates UNIDO's strategic, programmatic and results frameworks

- (**Simplified) Theory of change** of UNIDO's **contribution** to sustainable development

- **Strengthening knowledge and institutions =** new strategic priority as an **enabler** to the existing (thematic) priorities

- **4 core functions**
  - Technical cooperation
  - Policy analysis and advice
  - Norms and standards
  - Convening and partnerships

- Connecting levels: Integration and scale up

RELATED IRPF LEVELS

LEVEL 1: Global development results

SUSTAINABLE DEVELOPMENT GOALS

STRATEGIC PRIORITIES

Advancing economic competitiveness

Creating shared prosperity

INCLUSIVE AND SUSTAINABLE INDUSTRIAL DEVELOPMENT (ISID)

Safeguarding the environment

Strengthening knowledge and institutions

LEVEL 2: Country results with UNIDO support

MANAGEMENT OBJECTIVE: INTEGRATION AND SCALE-UP

CORE FUNCTIONS

| Technical cooperation | Policy analysis and advice | Norms and standards | Convening and partnerships |

LEVEL 3: Programme management effectiveness

INTERNAL OPERATIONS
(e.g. resource mobilization, human resources management and administrative efficiency)

LEVEL 4: Organizational effectiveness

STRATEGIC MANAGEMENT PRIORITIES 2019

I. Integrating and scaling up in a global context

- **Improve measurement and monitoring of UNIDO's contribution to 2030 Agenda and SDG9**
- **Effective integration of UNIDO's four core functions**
- **Take concrete steps towards emerging issues, industry 4.0, circular economy, etc.**
- **Address opportunities, risks of the SG's repositioning of the UN development system**

II. Improvements towards effective implementation and innovation

- **Enhance quality and quantity and improve internal system to support result-based programme management, quality assurance, results reporting**
- **Continue efforts to access further financial resources**
- **Develop innovative platforms and tools to present activities**

III. Strengthening partnerships

- **Scale up UNIDO's operations, the implementation of the PCPs, and the impact of activities through various forms of partnerships**
- **Listen and respond to needs of Member States**
- **Expand and take concrete actions to utilize relations with international financial institutions**
- **Increase the involvement and contribution of UNIDO's own and UNIDO-affiliated institutions**

UPSCALING IN TRADE AND INVESTMENT

GLOBAL QUALITY AND STANDARDS PROGRAMME (GQSP)

CHF 17,349,455
€ 14,956,426
8-12 countries

PROGRAMME FOR MARKET ACCESS THROUGH QUALITY AND COMPLIANCE

PA € 250,000
€ 6,000,000
5 countries

INVESTMENT PROGRAMME IN AFRICAN, CARIBBEAN, AND PACIFIC GROUP OF STATES (ACP)

€ 8,000,000
10 countries

WEST AFRICA QUALITY AND COMPETITIVENESS PROGRAMME

Approx. € 30,000,000
5 countries
(+ Kenya € 3,700 000)

EXAMPLE: INVESTMENT IN THE ACP

IDDA 3

INNOVATION

DATA

LARGEST UNIDO PROGRAMME IN INVESTMENT PROMOTION

INTEGRATION OF ALL UNIDO INVESTMENT PROMOTION TOOLS (ITPO, SPX, IPANETS, COMFAR)

DATA-DRIVEN APPROACH OF MONITORING OF INVESTORS

+ QUALITY COMPONENT

IN PARTNERSHIP WITH ITC AND WORLD BANK + WAIPA

INVESTMENT PROGRAMME IN AFRICAN, CARIBBEAN, AND PACIFIC GROUP OF STATES (ACP)
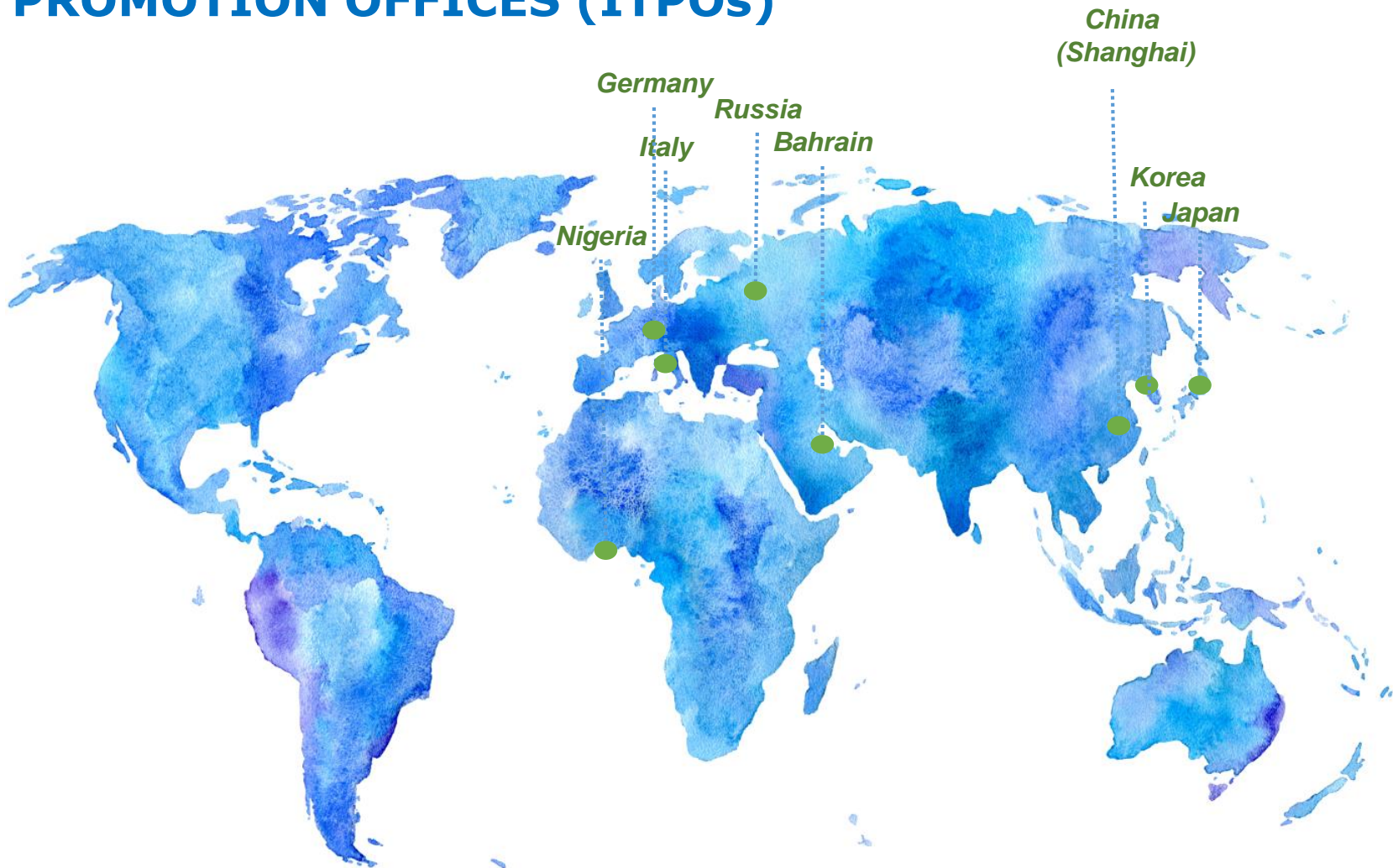
WAIPA

International Trade Centre

THE WORLD BANK

TOTAL € 34,000,000
UNIDO € 8,000,000
10 COUNTRIES

UNIDO NETWORK OF INVESTMENT AND TECHNOLOGY PROMOTION OFFICES (ITPOs)

China (Shanghai)

Germany

Russia

Italy

Bahrain

Korea

Japan

Nigeria

ITPO SUPPORT, ADVISORY AND TECHNICAL SERVICES

- **Advisory services:** To enterprises and business development organizations to identify investment and technology transfer opportunities in developing countries.

- **Business matchmaking:** Organization of B2B/B2G meetings, assistance in business negotiation and follow-up, organization of project site visits and study tours for project sponsors and potential investors.

- **Fora:** Organization of international investment promotion events, technology exhibitions and country presentations.

- **Delegate Programme:** Hosting delegates from government and business organizations (IPAs, Ministries, chamber of industries, etc.) in developing countries for selected periods to provide on-the-job training.

- **Partnerships**: establish/maintain contacts with business community and institutions, facilitate business contacts between project sponsors and potential foreign investors

UPSCALING: STRENGTHENING THE PHARMACEUTICAL MANUFACTURING INDUSTRY IN AFRICA

New module on Boosting Pharmaceutical Production

To support the development of the pharmaceutical industry in Africa, helping it reach international quality standards and remain competitive. This will improve access to medicines and contribute to continent's economic development and the implementation of the SDGs.

UNIDO has adopted a **holistic approach** that recognizes the current reality, establishes a realistic technical pathway for **manufacturers** to upgrade their operations, supports **governments** in implementing a conducive environment for businesses to make the requisite investments, and to provide technical support to the manufacturers thus helping them develop and implement plans for upgrading.

QUALITY POLICY PROGRAMME

3 Documents available!

Based on Research

Normative Principles

Guide to Technical Cooperation

Convening Partners

QUALITY POLICY
Guiding Principles

QUALITY POLICY
Technical Guide

QUALITY POLICY
A Practical Tool

TII KNOWLEDGE HUB: INTERACTIVE ONLINE PLATFORM

TRADE

INVESTMENT

INNOVATION

GENERAL INFORMATION

LATEST NEWS & UPCOMING EVENTS

TECHNICAL PUBLICATIONS

INTERACTIVE WEB TOOLS
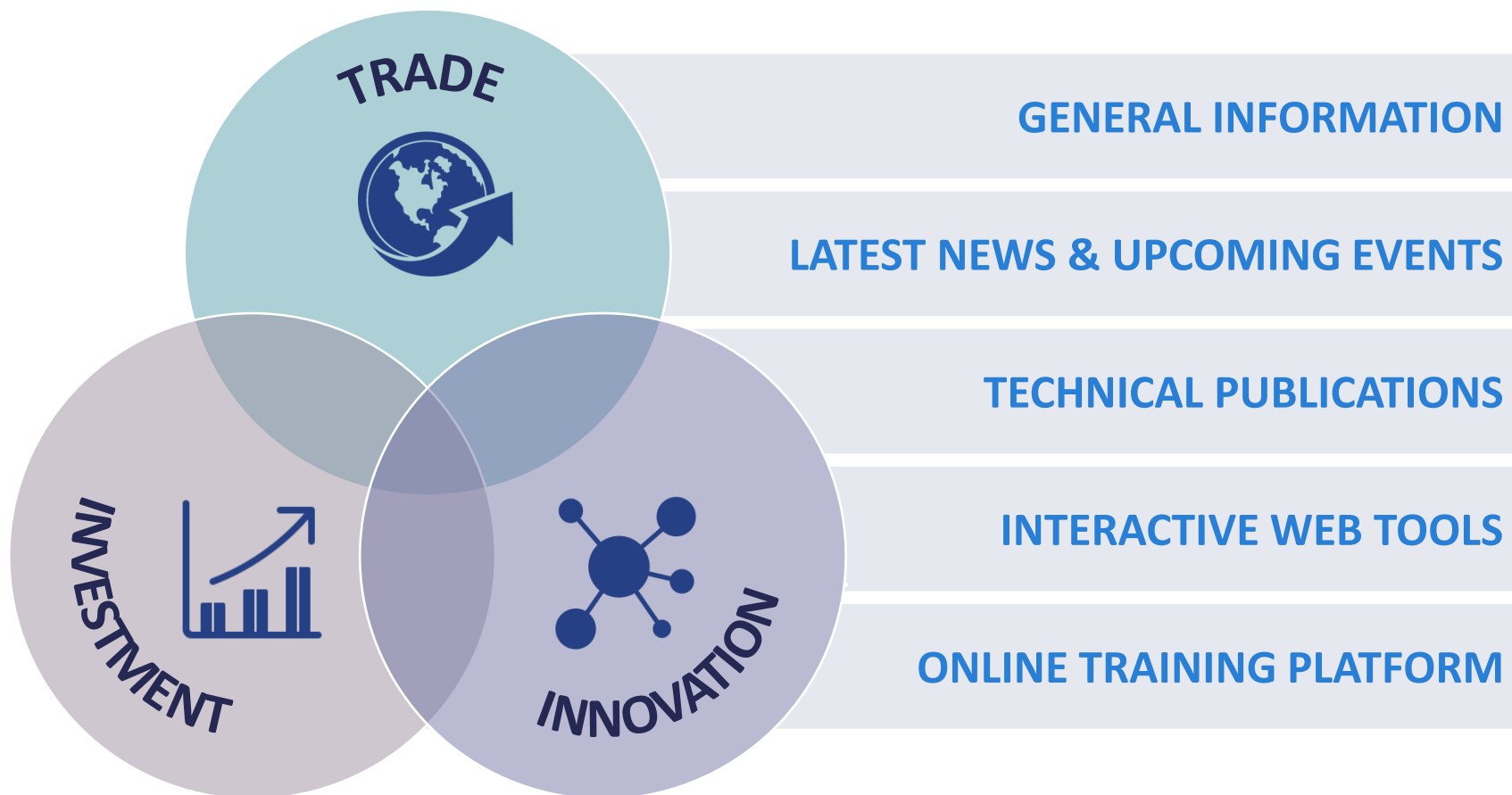
ONLINE TRAINING PLATFORM

ONLINE TRAINING PLATFORM

TRAINING

TRADE

INVESTMENT

INNOVATION

QUALITY INFRASTRUCTURE AND TRADE

QUALITY POLICY METHODOLOGY

GUIDE ON ISO 17025:2017

E-COMMERCE

INTRODUCTION TO INDUSTRY 4.0

INNOVATION MANAGEMENT
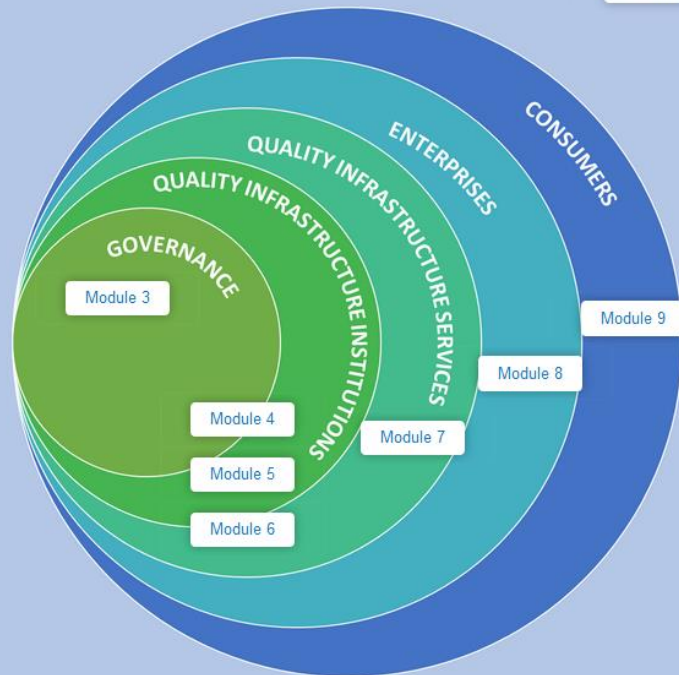
IMPACT INVESTMENT
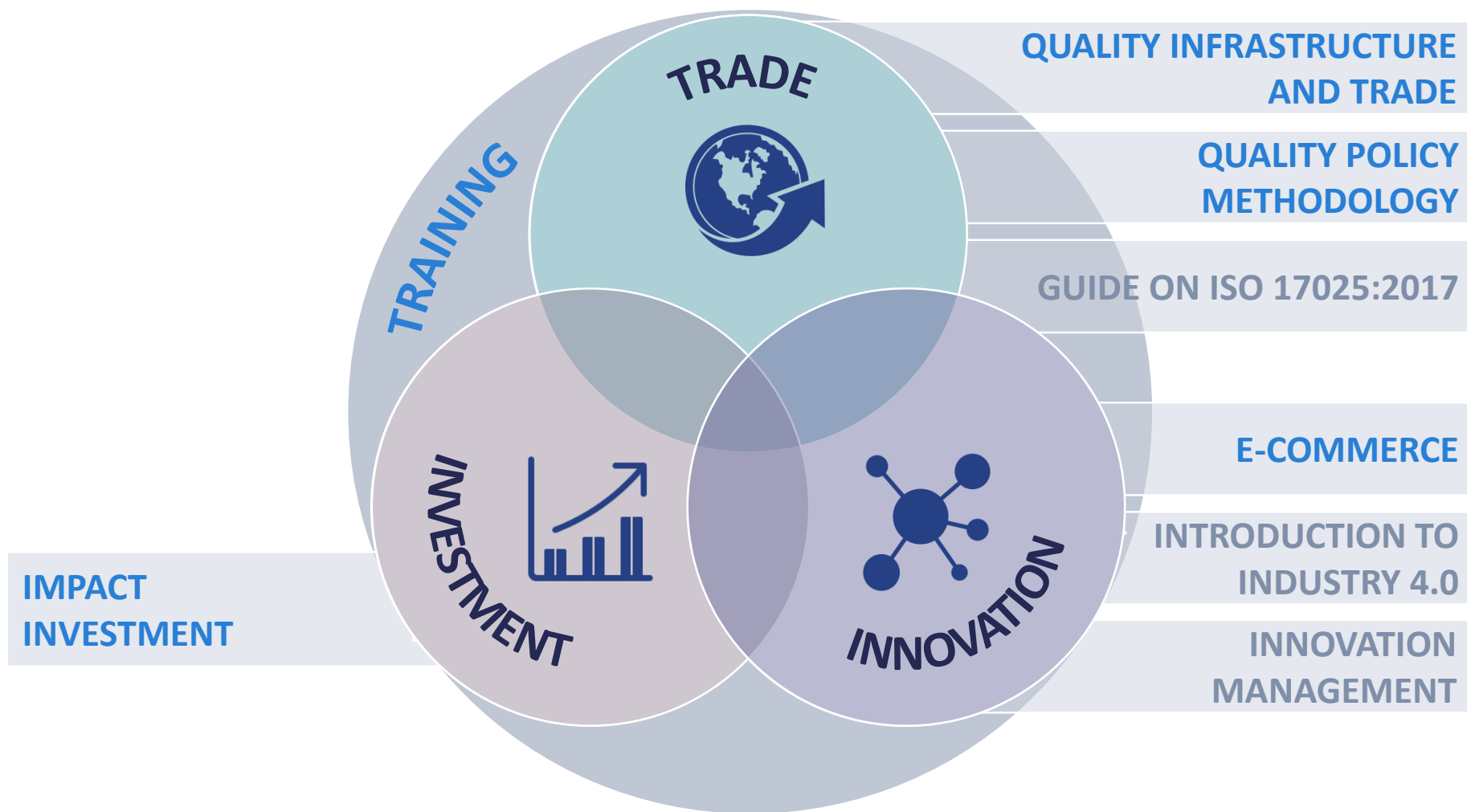
ONLINE TRAINING:
QUALITY INFRASTRUCTURE AND TRADE

INTERNATIONAL TRADE AND THE WTO — Module 1

QUALITY INFRASTRUCTURE SYSTEM — Module 2

CONSUMERS

ENTERPRISES

QUALITY INFRASTRUCTURE SERVICES

QUALITY INFRASTRUCTURE INSTITUTIONS

GOVERNANCE

Module 3
Module 4
Module 5
Module 6
Module 7
Module 8
Module 9

CROSS-CUTTING MATTERS — Module 10

10 MODULES

1. The Global Context

2. Quality Infrastructure System

3. Governance

4. Metrology

5. Standardization

6. Accreditation

7. Conformity Assessment

8. Enterprises

9. Consumers

10. Cross-cutting matters

FEATURES

USER PROFILE

10 TECHNICAL MODULES

INTERACTIVE EXERCISES

VIDEOS

FURTHER READING MATERIAL

DISCUSSION FORUM
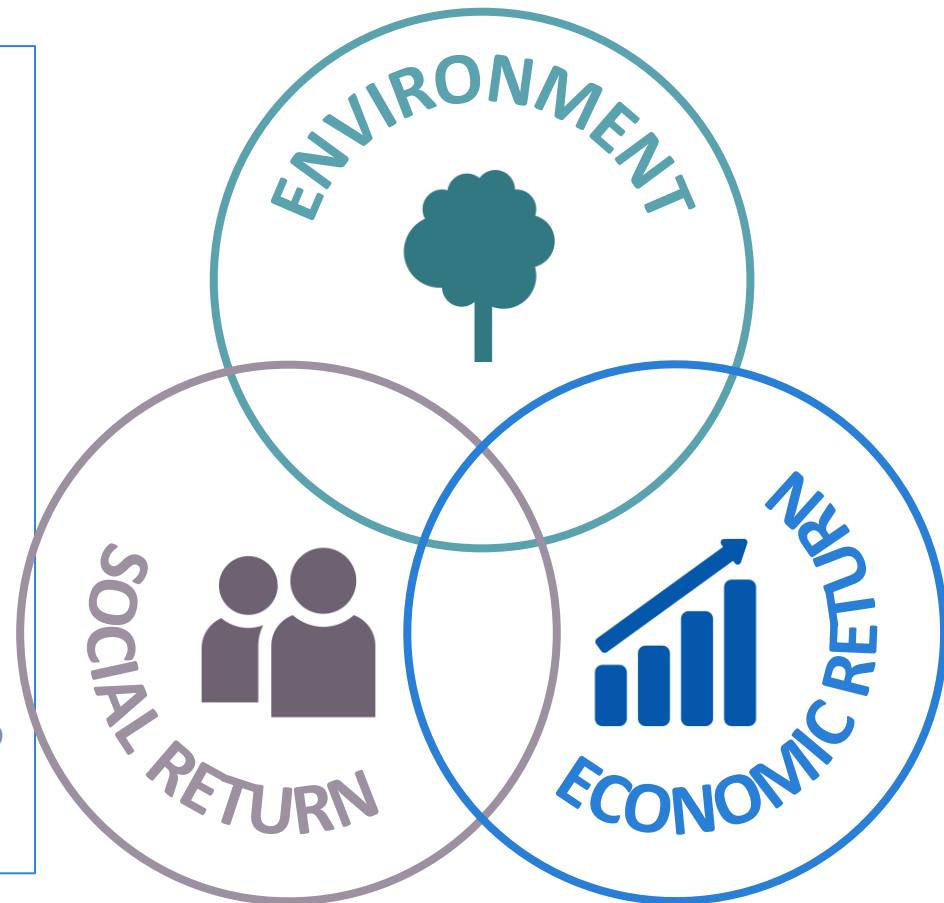
FINAL TEST

CERTIFICATE

ONLINE TRAINING: IMPACT INVESTMENT

This training course has been designed to raise awareness on and give an introduction to the concept of impact investment, which – besides economic return – takes into account environmental and social considerations.

4 MODULES

1. **What is impact investment?**

2. **Impact investment in action**

3. **Impact management and measurement**

4. **Why and how to attract impact investors?**

ONLINE TRAINING: E-COMMERCE

This training course has been designed to provide a strong foundation on the basics of e-commerce, which aims to promote increased e-commerce adoption among SMEs.

8 MODULES

1. Introduction

2. Business Model Strategies

3. Logistics

4. E-commerce, quality and standards

5. Regulations

6. Payment Modalities

7. Security

8. Step by Step Guidance E-Commerce Platforms

UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

TII
TRADE
INVESTMENT
INNOVATION
KNOWLEDGE HUB

E-COMMERCE

A FACILITATING GUIDE FOR SMALL AND MEDIUM-SIZED ENTERPRISES (SME)

ONLINE TRAINING COURSE

https://tii.unido.org

Global industrial stakeholders are applying innovative solutions such as the "Internet of Things" (IoT), cloud computing, artificial intelligence, Big Data and 3D printing which are enabling them to engage in are enabling them to participate in frontier industrial processes that are interoperable and flexible as well as introduce autonomy and intelligence to manufacturing. The physical components of industrial production are being transformed by smart, digital networking into cyber-physical systems (CPS), allowing for the management of production processes in real-time across great distances and customized products – all of which encompasses what is commonly referred to as the new industrial revolution.

E-commerce is a tremendous facilitator and component of this new revolution. This sector acts as a platform and link which allows manufacturers to integrate their customers into their business model in a direct and modern way. Global development of e-commerce has been progressing very rapidly with Business-to-Business (B2B) and Business-to-Consumer (B2C) e-commerce facilitating and catalyzing this growth.

This training course has been designed to provide a strong foundation on the basics of e-commerce, which aims to promote increased e-commerce adoption among SMEs. The training modules have been designed in a way that other target stakeholders such as policymakers, NGOs and consumers can benefit from the content. UNIDO encourages participants to connect with e-commerce platforms to enhance the performance of their business and commercial activities.

UPSCALING: PROMOTING THE DEVELOPMENT OF TECHNOLOGY PARKS AND AREAS OF INNOVATION

OBJECTIVE: Assisting developing countries in leveraging the potential of technology parks and areas of innovation with the aim of promoting technological learning, innovation and development of new technologies as a path to inclusive and sustainable industrialization.
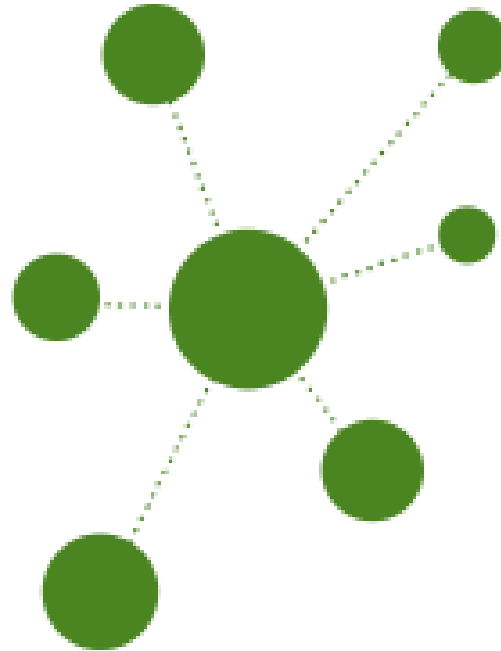
UNIDO's APPROACH: Firmly believing that technoparks and knowledge cities help foster prosperity and competitiveness, environmental and social sustainability, UNIDO has developed a programme and a set of tools.

UPSCALING: ENTERPRISE MODERNIZATION AND INNOVATION PROGRAMME (EMIP)

INNOVATION

POLICY

Roadmaps, strategies, policies, needs assessment related to Industry 4.0

INSTITUTIONS

Improving services, build capacity related to Industry 4.0, strengthen support institutions

ENTERPRISES

Pilot interventions, in-depth diagnosis for Industry 4.0 readiness (digitalization, innovative technologies, etc.)

UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

METHODOLOGICAL GUIDE
INTEGRATED INDUSTRIAL UPGRADING AND MODERNIZATION

UPSCALING: ENABLING A SMOOTH TRANSITION BY DEVELOPING COUNTRIES TO INDUSTRY 4.0

OBJECTIVE: To advance the economic competitiveness of developing countries based on their diverse needs, and to ensure that they benefit from the rapid technological progress related to the new industrial revolution, or Industry 4.0, at all levels of economic development. This applies to all disadvantaged population groups as well as small and medium-sized enterprises (SMEs).

EDUCATION

(M)SME DEVELOPMENT & SUPPORT

SECTOR-SPECIFIC INDUSTRY 4.0 UPTAKE

SMART CITY PLATFORM

INNOVATION: BRANDING FOR COMPETITIVENESS AND SUSTAINABLE GROWTH

CREATE a unique brand identity for locally produced goods

POSITION and identify niches for the brand's products at national, regional and international markets

PROMOTE the brand and its products at the industry-specific fora (fairs, exhibitions, B2B meetings, etc.)

LINK manufacturers, technical support institutions, academia and the public sector

INTEGRATE regionally and internationally for export

ICONVIENNA BRAND GLOBAL SUMMIT

10 April 2019, Vienna International Centre

INNOVATION
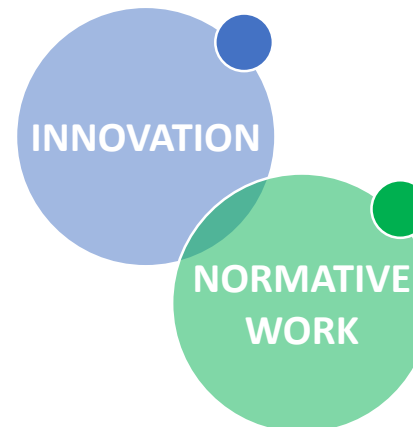
NORMATIVE WORK

Standard on Brand Evaluation (ISO 20671)

INTERNATIONAL CONFERENCE ON ENSURING INDUSTRIAL SAFETY 2019

THE ROLE OF GOVERNMENT, REGULATIONS, STANDARDS AND INDUSTRY 4.0 TECHNOLOGIES

NORMATIVE WORK

UPSCALING:
PROGRAMME FOR COUNTRY PARTNERSHIP (PCP)   1/3

OBJECTIVE

- Accelerate inclusive and sustainable industrial development (ISID) by facilitating the mobilization of partners, expertise and resources

- Triggers a long-term development process, contributing to the achievement of SDG 9 and other relevant SDGs

DEFINITION

Programme to support a country in achieving its long-term ISID goals. Key features:

- **Tailored to country needs**, aligned with the national development agenda and **owned by the host government –>** Highest level of political leadership and governed by inter-ministerial coordination body

- Founded on a **multi-stakeholder partnership** to **ensure synergy** between different interventions and **maximize impact**

- **Integrated service package** by combining UNIDO's advisory and normative services, technical assistance and convening function

- Aims to **unlock public and private investment** in selected priority industrial sectors

PROGRAMME FOR COUNTRY PARTNERSHIP (PCP) 3/3

UNIDO'S ROLE

- Facilitates the **convening of partners** and the **overall coordination** of the PCP

- **Designs** and develops a holistic **programme** aimed at upscaling development results and building synergies with partner interventions in the country

- **Provides** normative, policy and **advisory services** to the government on industry-related issues

- **Delivers** integrated and multidisciplinary **technical assistance**

- **Supports the government in mobilizing large-scale industrial investments** from public and private partners

NEW TOPIC: CIRCULAR ECONOMY

NEW TOPIC: INDUSTRY 4.0
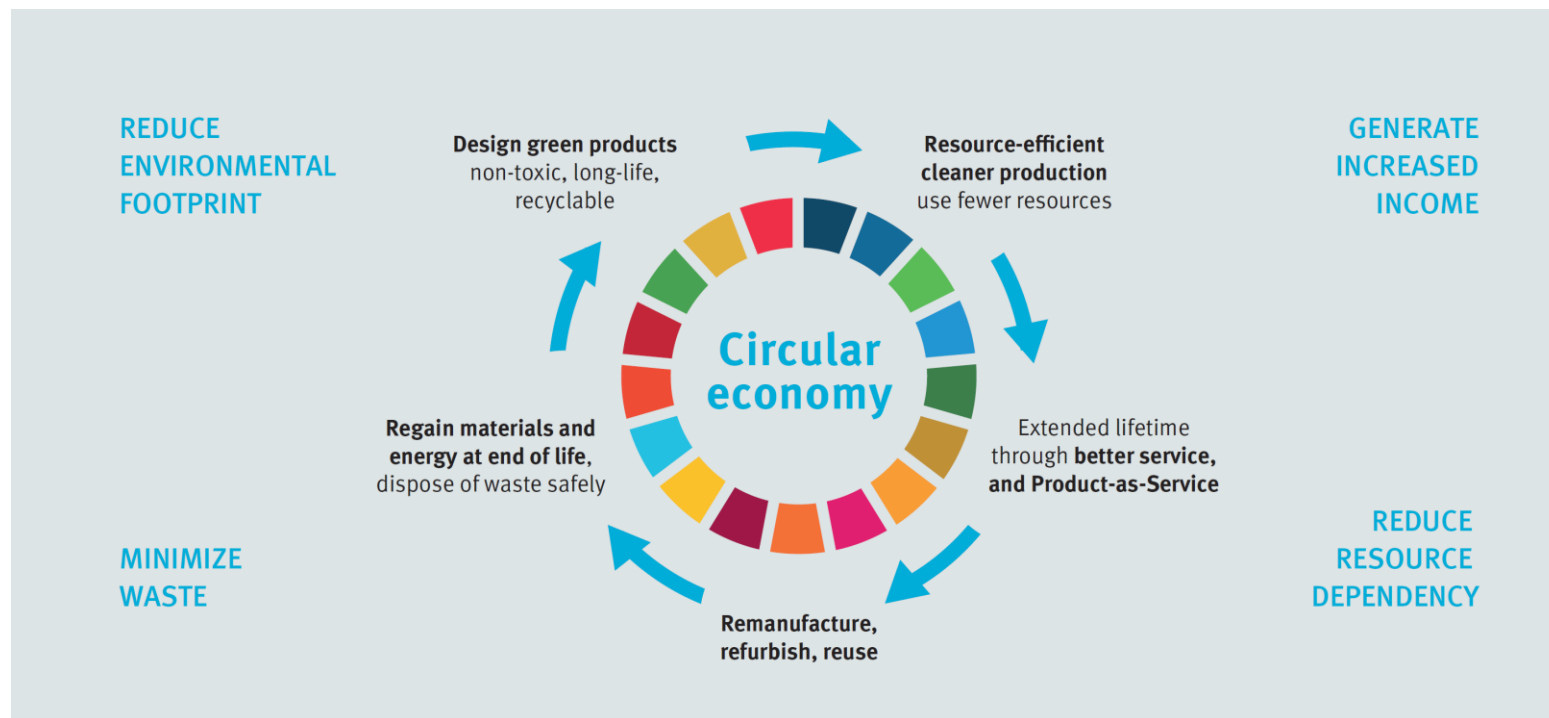
4th INDUSTRIAL REVOLUTION
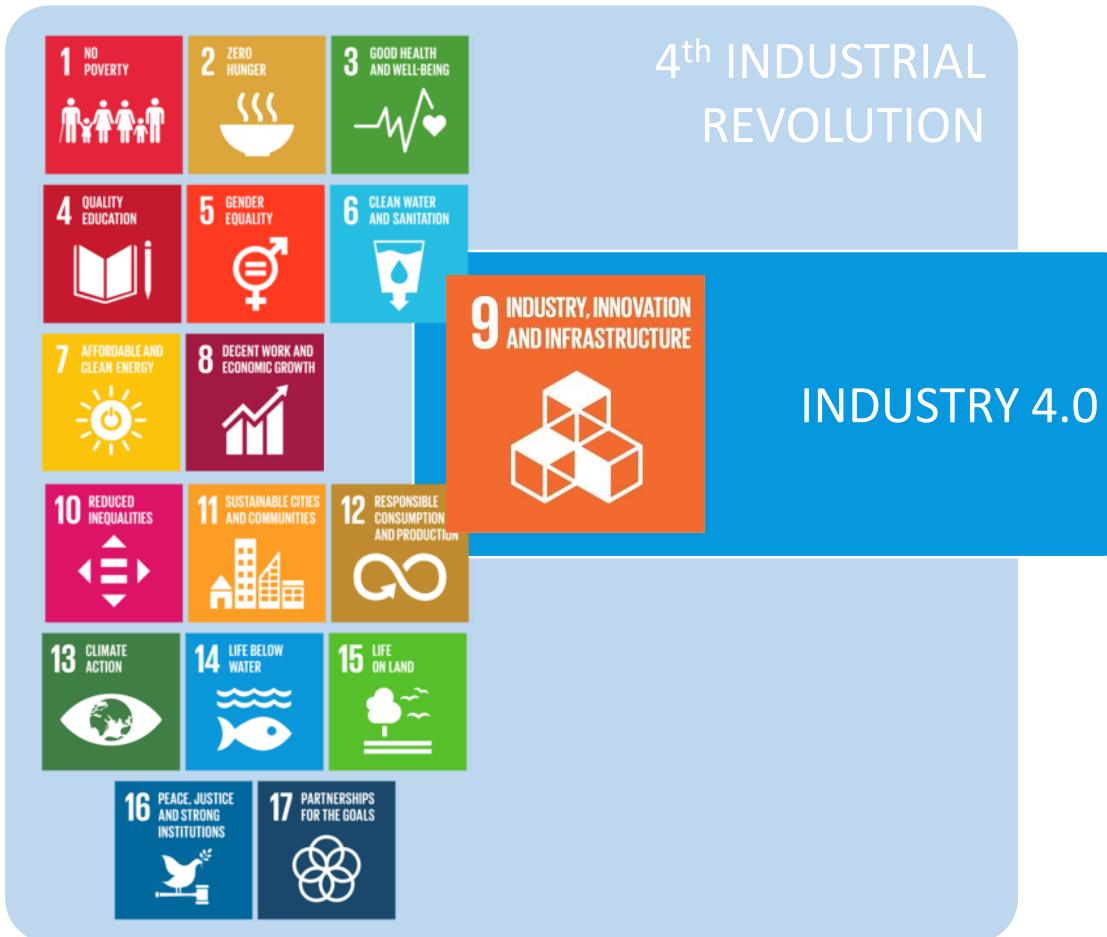
INDUSTRY 4.0

The 4th industrial revolution describes a technologically driven paradigm change that affects all spheres of life

Industry 4.0 represents the economic point of view, focusing on industry and smart manufacturing

UNIDO-wide, cross-departmental strategy under finalization

INDUSTRY 4.0

FROM GLOBAL FORUM

TO ADVOCACY

TO TECHNICAL
COOPERATION

... TO NORMATIVE WORK

GLOBAL FORUM

ADVOCACY

TECHNICAL COOPERATION

NORMATIVE WORK
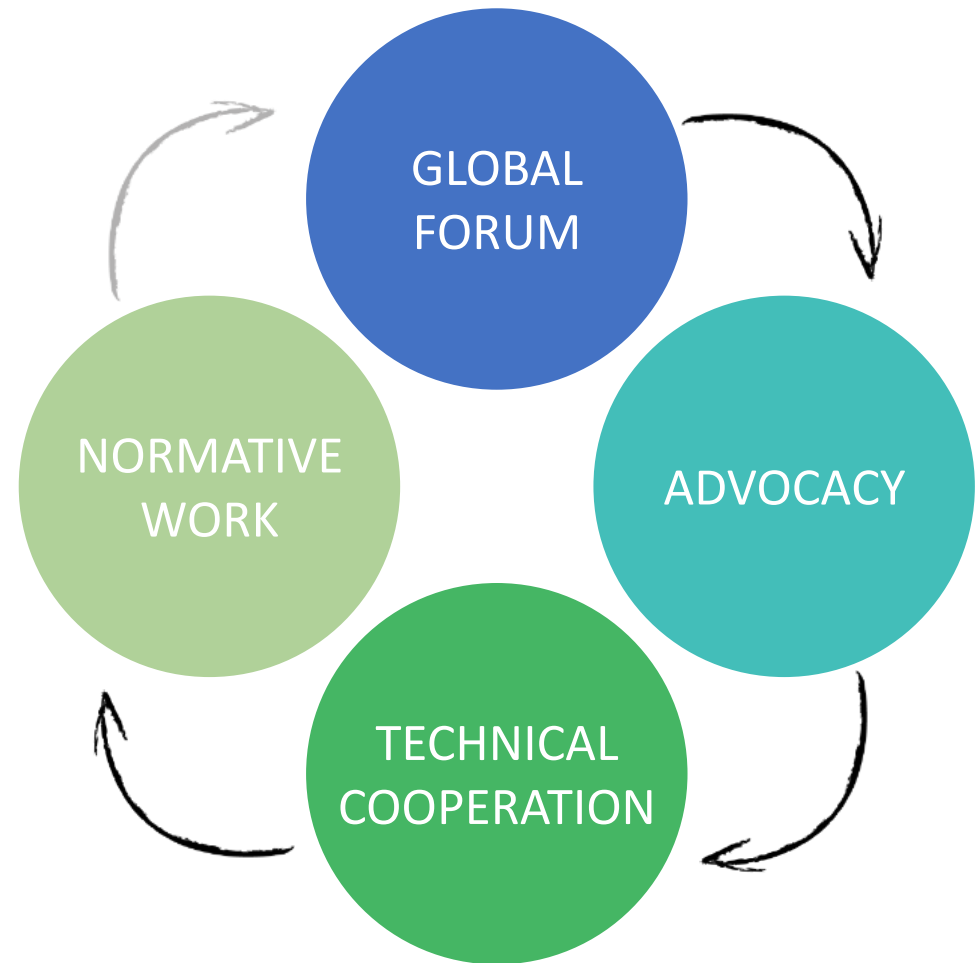
BUSINESS SECTOR PARTNERSHIPS

Focus in 2019

01 Large scale: new multi-country/multi-sectoral approach

02 Measurable: with the help of on-line/cloud-based tools.

03 UN wide work: in the context of the UN reform; especially with the UN Global Compact

04 Transparency: automated web functionality

Current number of business sector partners

93
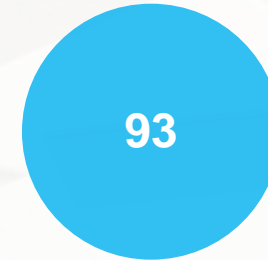
See: Who do we partner with?

Main modalities of partnering

- Programme for Country Partnership (PCP)
- Multi-stakeholder platforms
- Project based
- New innovative ideas?

Focus in 2020 and beyond

Blended resourcing in the context of the PCPs

Morocco, Cote d'Ivoire, Egypt, Rwanda, etc.

New, emerging areas such as Industry 4.0, Circular Economy etc.

Skills, innovation, infrastructure

GENDER EQUALITY AND WOMEN'S EMPOWERMENT AT UNIDO

Organizational:

UNIDO's Gender Policy and Strategy:

o Mid-Term Review: Implementation of UNIDO Policy (2015) and Strategy (2016-2019) on Gender Equality and the Empowerment of Women

o UNIDO's Gender Strategy for 2020-2023 under preparation

o UNIDO recognized by UN Women as part of the UN system-wide action plan on gender equality and empowerment of women (UN SWAP):
  o Entity with most progress in reporting period 2012-2017
  o Best Amongst Technical Entities in 2017

Gender Parity:

o Achieved progress towards closing the gender gap in staff in high-level positions (P5 and up) by 7,2% and among internationally recruited staff by 5% in 2018

o Adopted Gender Parity Action Plan for 2018 to 2023

Enabling environment:

o Harassment workshops on sexual harassment, abuse of power and discrimination given to almost 800 employees

o UNIDO's policy on the prohibition, prevention and resolution of harassment was updated with a guide for managers

Programmatic:

Research and Statistics:

o UNIDO Working Paper "Inclusive and sustainable Industrial Development: The Gender Dimension" (2019)

o Various capacity-building events, i.e. regional training for national statisticians on collecting and analyzing gender-gap indicators in industrial statistics (w/ UN Women & UNECA)

Outreach and technical assistance:

o Increasing engagement on gender issues in international fora (CSW63, COP 24, 2nd Eurasian Women's Forum)

o Continued efforts to advance gender equality and women's economic empowerment through technical cooperation
  o In 2018, almost ¼ of all projects paid significant attention to gender or had gender as their main focus
  o **New gender compliance and marker form** launched and associated training for project staff
  o **Project examples GCIP and PAMPAT**

GLOBAL CLEANTECH INNOVATION PROGRAMME (GCIP)

GCIP catalyzes investment to support and accelerate development and commercialization of innovative cleantech ideas of start-up entrepreneurs (Donor: mainly GEF, ~$12,000,000 in total)

1500 women were mobilized trough the advocacy campaign (Pakistan)

25% Women-led ventures in 2017 (Turkey)

53% Women-led GCIP ventures at the 2018 GCIP Global Forum

Pictures courtesy of GCIP Cleantech

PAMPAT MOROCCO

PAMPAT aims to improve market access and socio-economic conditions of producers in the argan oil and prickly pear value chains of Morocco (Donor: Switzerland, budget: €2,500,000)

950 women trained on compliance to hygienic and safety standards and to the code of practices of the Argan Geographical Indication for market access.

12 women cooperatives (of 454 women) strengthened, new products developed and branding and marketing strategy in place.

41 new value added products developed creating new opportunities for women cooperatives

*Pictures courtesy of PAMPAT Morocco*

FORTHCOMING

UNIDO INDUSTRIAL DEVELOPMENT REPORT (IDR) 2020 – THE FUTURE OF INDUSTRIALIZATION

- Launch at UNIDO General Conference, Abu Dhabi/UAE, 3-7 Nov 2019
  - Biannual publication that addresses the most pressing issues of inclusive and sustainable industrial development facing the world
  - Combines UNIDO's own research with inputs from leading experts in the field
  - A recurrent dimension analyzed by the IDRs since 2002 relates to the role of new technologies driving industrial development
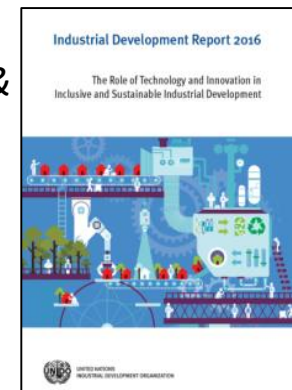
IDR 2002:
Innovation & Learning

IDR 2005:
Capacity Building for Catching-up
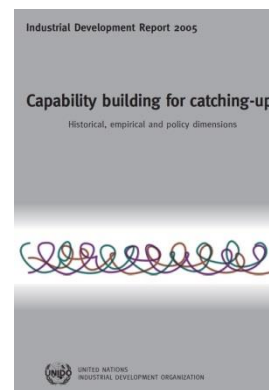
IDR 2016:
Technology & innovation

IDR 2020 - MAIN GOALS

- To **analyze the way in which countries are coping with the new technologies** and the conditions under which ISID can be achieved in this context.

- The report addresses these issues along **four dimensions of analysis**:

    1. <u>Global</u>: *how are the new technologies being created and diffused around the world? What challenges and windows of opportunities do they open for developing countries?*

    2. <u>Country</u>: *how are the new technologies reshaping the process of structural change and GVC integration in countries at different levels of development?*

    3. <u>Firm</u>: *to what extent are the new technologies being adopted by developing countries' manufacturing firms? What are the main challenges and barriers? What the main outcomes?*

    4. <u>Policy</u>: *what strategies are developing countries implementing to cope with the new technologies? What role could international policy coordination play to support this process?*