



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



**SUSTAINABLE DEVELOPMENT GOAL 9**  
INDUSTRY, INNOVATION AND INFRASTRUCTURE

## Inter-agency Expert Group Meeting on Implementation of the Third United Nations Decade for the Eradication of Poverty (2018-2027)

**“Promoting inclusive and sustainable industrial development  
amid the multiple crises ”**

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# OUTLINE

1. INTRODUCTION & CONTEXT OF UNIDO TECHNICAL COOPERATION IN AFRICA
2. UNIDO'S INNOVATIVE APPROACH FOR TECHNICAL ASSISTANCE DELIVERY
3. EXAMPLES OF UNIDO PROGRAMMES AND PROJECTS BY THEMATIC AREA
4. UNIDO AND THE PRIVATE SECTOR
5. OUTLOOK



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## UNIDO Worldwide

- Number of projects: 659
- Beneficiary countries: 126
- Total Budget: \$1446.47M
- Budget 2023: \$340.51M



# 1. INTRODUCTION & CONTEXT OF UNIDO TECHNICAL COOPERATION IN AFRICA:



## The 2030 Agenda for Sustainable Development:

UNIDO contributes to several of the SDGs with a special focus on SDG 9 focused on Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation”.

## The African Union 2063 Agenda:

Recognizes the importance of Industrialization under its Goal 5 “Transformed Economies and Jobs”. The priority areas and indicative strategies include accelerated manufacturing as the generator of decent jobs.



Towards One African Market

## African Continental Free Trade Area:

Signed in March 2018 in Rwanda. Fully ratified in April 2019  
Launch of its operational phase in July 2019.

Largest Free Trade Area: Market of 1.2 billion people and GDP of \$2.5 trillion.

## Inclusive and Sustainable Industrial Development through Progress by Innovation

UNIDO’s mandate, as described in the Lima Declaration, is to promote and accelerate ISID in Member States.



**ISID** INCLUSIVE AND SUSTAINABLE INDUSTRIAL DEVELOPMENT



## THE THIRD INDUSTRIAL DEVELOPMENT DECADE FOR AFRICA: 2016-2025



### IDDA III

- Proclaimed by the United Nations General Assembly Resolution A/70/293 in July 2016.
- UNIDO designated to lead IDDA III implementation

### IDDA III implementation gaining momentum

- **IDDA III High Level Event** in the margins of the 72nd and 73rd UNGA
- Launch of the **IDDA III Champions initiative** → 7 African IDDA III Champions: Presidents of Côte d'Ivoire, Egypt, Ethiopia, Kenya, Niger, Rwanda, Senegal and Zambia
- Development of a **UNIDO Roadmap** for IDDA III implementation
- Various multilateral and bilateral partners are enhancing their support towards IDDA III implementation
- UNIDO's active role in implementation of UNSDCFs in countries
- Development and implementation of a **Joint Roadmap and Joint Programmes and Projects**





# 1. UNIDO IN AFRICA: KEY FACTS

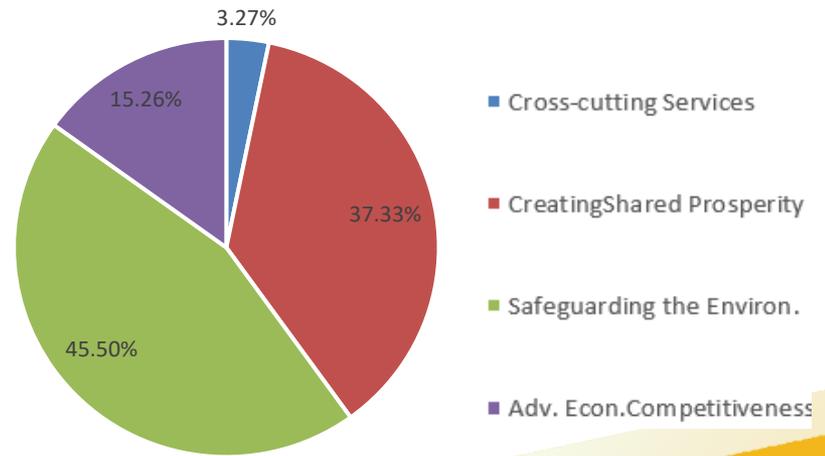
## Levels of intervention:

- Continental level (e.g. AU)
- Regional level (e.g. RECs)
- Country level (e.g. 6 on-going PCPs, 13 CPs and 367 on-going projects in Africa)

Africa is **UNIDO's largest technical assistance recipient.**  
In 2018, UNIDO's technical assistance to Africa amounted over **\$65,582,135.**

**45 countries covered** (Physical presence in 22 countries)  
**2 Regional Hubs:** Ethiopia and Nigeria  
**1 Regional Office:** South Africa  
**16 Country Offices:** Burkina Faso, Cameroon, Côte d'Ivoire, DRC, Ghana, Guinea, Kenya, Madagascar, Mali, Mozambique, Rwanda, Senegal, Sierra Leone, Uganda, United Rep. of Tanzania, Zimbabwe  
**11 National Cleaner Production Centre (NCPC)**  
 Cape Verde, Ethiopia, Kenya, Mauritius, Mozambique, Senegal, South Africa, Rwanda, Uganda, United Rep. of Tanzania, Zimbabwe  
**Regional Energy Centers**  
 Nigeria and Cape Verde

## Technical Assistance delivery in Africa by thematic area.





## 2. UNIDO'S INNOVATIVE APPROACH - PROGRAMME FOR COUNTRY PARTNERSHIP (PCP) APPROACH



GOVERNMENT OWNERSHIP



PRIORITY SECTORS/AREAS



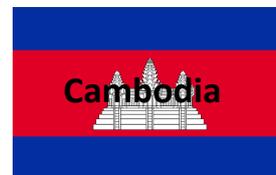
MULTISTAKEHOLDER  
PARTNERSHIP



FACILITATION OF PUBLIC  
AND PRIVATE FINANCE

- 4 Key Features of the PCP
- Since 2019, UNIDO has initiated the formulation of new PCPs for **Côte d'Ivoire**, **Egypt**, **Rwanda** and **Zambia**.

### Ongoing PCPs





## PCP ETHIOPIA



### UNIDO's support:

- Development and completion of master plans, feasibility studies, engineering designs, and environmental and social impact assessment studies for the establishment of four pilot **Integrated Agro-Industrial Parks (IAIPs)** and the **Modjo Leather City**.

### Results to date

#### IAIPs

- Construction of the 3 out of 4 IAIPs completed in 2021.
- Public investment: USD 600 million from the GoE for infrastructure.
- Business sector engagement: >300 applications for occupancy; 8 operational, 5 international enterprises.

#### Modjo Leather City (MLC)

- Investment of around USD 100 million through blended financing - EU grant of EUR 8 million (LISEC project)
- EUR 100 million under advanced discussions (EIB, Italy and others).

### PCP Ethiopia



- Supported the **Growth and Transformation Plan II**
- Supports the **Home Grown Economic Reform**
- **3 Priority areas:** Agro-Food Processing, Textile and Apparel, Leather and Leather products
- **Key Partners:** AfDB, EIB, EU, FAO, IFAD, World Bank, AfDB UNDP, China, Italy, Germany



## PCP SENEGAL



Programme for  
Country Partnership



### UNIDO's support

- Development of a business model and incentive package;
- Development of legal, regulatory and institutional aspects related to management and administration of IP and SEZ;
- Feasibility studies for the establishment of 3 Agro Poles in various regions

### Results to date

- Establishment of Diamniadio Industrial Park which also has SEZ status.
- Public investment: The Government of Senegal has invested USD 44 million in building the now operational Diamniadio park
- Private investment: Several companies are now operating in the park, producing garments, PVC-pipes, packaging, magnetic e-cards and electric bikes. Total investment so far is around USD 60 million

### PCP SENEGAL



- Supports the “Plan Sénégal Emergent”
- **5 Priority areas:** Industrial Policy, Agro-Poles, Industrial Parks, Renewable energy and energy efficiency Regional Mining Hub, Special Economic Zones and Incentive Package Reform
- **Key Partners:** AfDB, AFD, EU, FAO, GEF, IDB, IFAD, WB, Japan, China, Italy, Belgium



## PCP MOROCCO



Programme for  
Country Partnership



- PCP Morocco was **signed on 26 March 2019**.
- The PCP focuses on sectors with high growth potential, to pool additional resources and expertise from various public and private actors, as well as international partners and finally, to generate the greatest impact regarding the SDGs in Morocco.

### PCP MOROCCO



- Supports the **Industrial Acceleration Plan**
- **6 Priority areas:** industrial zones; agro-industry; energy efficiency; the circular economy; Industry 4.0 ; and e-commerce.
- **4 cross-cutting components:** South-South and triangular industrial cooperation; multi-stakeholder partnerships; gender mainstreaming; and industrial statistics



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## **4. EXAMPLES OF UNIDO PROGRAMMES AND PROJECTS**

**A. ADVANCING ECONOMIC COMPETITIVENESS**

**B. SAFEGUARDING THE ENVIRONMENT**

**C. CREATING SHARED PROSPERITY**



## A. ADVANCING ECONOMIC COMPETITIVENESS

# West Africa Competitiveness and Quality Infrastructure Project



## Competing with quality in regional value chains

### At a Glance

**Location:** 16 West African countries

**Focus Area:** Improving competitiveness and quality infrastructure

**Donors:** European Union

**Implementing agency:** UNIDO

**Other stakeholders:** ECOWAS and UEMOA

Commissions; UEMOA Member State governments and national agencies; ITC; the private sector in the region (FEWACCI, FEWAMA, FEBWE)

### Key Results to date

- Regional (ECOWAS) Quality Policy developed and adopted.
- Establishment of the ECOWAS Agency for Quality
- 3 accreditation bodies established (2 with the support of UNIDO)
- 16 national quality policies aligned with regional policy developed/and under adoption
- 42 regional standards adopted
- 12 countries are ISO members
- 173 Conformity Assessment Bodies strengthened (mainly laboratories)
- 350 technicians trained in metrology
- 16 National Quality Awards and 2 Regional Quality Awards
- 4,105 technicians trained in various quality fields
- 26 companies certified with the support of Quality Programmes
- 490 consultants trained



## A. Youth employment for socio-economic stability



**Contributing to diversifying the local economy, promoting inclusive and sustainable investment and enhancing the employability of young women and men**

### At a Glance

**Geographic scope:** Egypt

**Focus area:** Human Security and post conflict rehabilitation

**Funding partners:** Japan

### Key Results

- 1778 technical secondary school students trained on entrepreneurship
- 316 youth equipped with upgraded skills and career prospects in agribusiness
- 67 million EGP mobilized for upgrading Luxor industrial zone
- 57 business opportunities in agribusiness, waste management, sustainable energy, creative industries promoted
- 22 enterprises kick-started and grew their businesses in agribusiness, waste management, sustainable energy
- 96 technical secondary school teachers improved pedagogical and entrepreneurial skills



## B. SAFEGUARDING THE ENVIRONMENT

### RESOURCE-EFFICIENT AND LOW-CARBON INDUSTRIAL PRODUCTION

- Supporting the development of resource efficient and cleaner production
- Eco-industrial parks and sustainable cities
- Climate-sensitive business development in Africa

Examples

- ❑ Resource Efficient and Cleaner Production Programme in Nigeria
- ❑ Abidjan Integrated Sustainable Urban Planning and Management in Côte d'Ivoire
- ❑ Low Carbon and Climate Resilient Industrial Development (LCCR) (Egypt, Kenya, Senegal, South Africa)

- ❑ Establishment and first Operational Phase of the Secretariat of the SADC Centre for Renewable Energy and Energy Efficiency (SACREEE)
- ❑ ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)
- ❑ Mini-grids based on Small Hydropower Sources to Augment Rural Electrification in Tanzania
- ❑ GEF-UNIDO Cleantech Programme for SMEs in South Africa

Examples

### ACCESS TO CLEAN ENERGY FOR PRODUCTIVE USE

- Renewable energy, small hydropower for sustainable industrial development
- Global Cleantech Innovation Programme

### IMPLEMENTATION OF MULTILATERAL ENVIRONMENTAL AGREEMENTS

- Stockholm Convention on Persistent Organic Pollutants
- Minamata Convention on Mercury
- Montreal Protocol on Substances that Deplete the Ozone Layer
- Circular Economy

Examples

- ❑ Capacity Strengthening and Technical Assistance for the Implementation of Stockholm Convention NIP's in African LDC's of ECOWAS sub-region
- ❑ Minamata Initial Assessment in various countries
- ❑ The Low Carbon Low Emission Clean Energy Technology (LCET) Programme (Morocco, Kenya, Ethiopia)
- ❑ Enabling activities for HFC phase-down in Somalia
- ❑ SDG Accelerator Fund to be piloted on Circular Economy



## B. Mini-grids based on Small Hydropower Sources to Augment Rural Electrification



### At a Glance

**Geographic scope:** Tanzania

**Focus Area:** Renewable Energy

**Partners:** Global Environmental Facility

### Key Results

- 8 micro / mini hydropower based mini grids with a cumulative installed capacity of 4,881 kW were established
- A technical hub was established at Dar es Salaam's College of Engineering and Technology, which offers consultancy and training and manufactures its own micro/mini hydropower turbines



## B. Low Carbon and Climate Resilient Industrial Development



### At a Glance

**Location:** Egypt, Kenya, Senegal and South Africa

**Focus Area:** Climate adaptation for industry

**Funding Partners:** Japan

**Partners:** Taiyo Electric (Kenya), Mayekawa (South Africa),  
Mitsubishi (Egypt), local suppliers (Senegal)

### Key Results

- Energy efficient measures were taken at 5 food processing factories in Egypt, Kenya, Senegal and South Africa.
- Interventions led to more than 40% of energy consumption in these factories.
- In Kenya assessments were carried out in 3 sectors – Tea, Sugar and Milk
- Taiyo Electric, improving control of the drying and withering process of tea leaves and saving energy usage by 60%.
- Innovative drying method were applied in 3 millet processing factories in Senegal
- Solar power is tapped at 1 company in Egypt



## B. Minamata Initial Assessment in Francophone Africa



### At a Glance

**Location:** Mali, Senegal and Guinea

**Focus Area:** Minamata Convention

**Partners:** UNITAR, WHO

### Key Results

- With an overall budget of \$600,000, the project identified institutional gaps and established national and regional coordination on mercury.
- Existing mercury related regulations were reviewed and needed policy reforms identified to prepare for implementation of the Minamata Convention completed.



## C. CREATING SHARED PROSPERITY

### Agribusiness and rural entrepreneurship

#### Examples

- ❑ 3ADI+
- ❑ UNIDO-AfDB staple crops processing zones (SCPZs)
- ❑ Modjo Leather City in Ethiopia
- ❑ Growth pole programme (PDPC) in the DRC

- ❑ Creative Industries Value Chain Development in Madagascar
- ❑ Carpentry as a tool for female empowerment in Liberia
- ❑ Value addition of the cotton value chain in Egypt

#### Examples

### Women and youth in productive activities

### Human security, post-crisis rehabilitation and migration issues

#### Examples

- ❑ Promoting nutritional food security in South Sudan
- ❑ Daldhis (Build Your Country): re-establishing the state-citizen link in Somalia
- ❑ Community stabilization in Southern Somalia

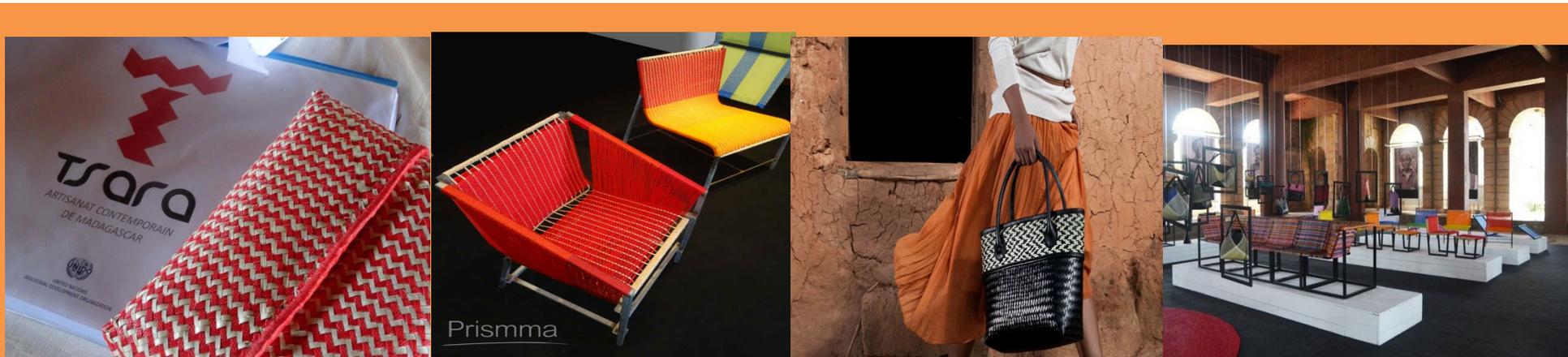


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## Promoting creative industries in Madagascar



### At a Glance

**Location:** Madagascar

**Focus Area:** creative design development

**Donor:** Norway

### Key Results to date

- 7,515 students across 6 schools receive entrepreneurship education acquiring trade and entrepreneurial skills.
- The project is delivering trade and entrepreneurship education to 6 high schools in Bauchi, Adamawa and Gombe states.



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## Promoting social stabilization through entrepreneurship development for youth



### At a Glance

**Location:** Nigeria

**Focus Area:** Skills development for youth

**Donor:** Government of Japan

**Coordinating Partners:** Federal Ministry of Education (FME), Nigerian Educational Research and Development Council (NERDC) and 3 State Ministries of Education in northeastern Nigeria

### Key Results to date

- 7,515 students across 6 schools receive entrepreneurship education acquiring trade and entrepreneurial skills.
- The project is delivering trade and entrepreneurship education to 6 high schools in Bauchi, Adamawa and Gombe states.





## C. Promoting social stabilization through vocational training and job creation for vulnerable people and communities in post-Ebola Liberia



### At a Glance

**Geographic scope:** Liberia  
**Focus area:** Human Security and post conflict rehabilitation  
**Funding partners:** Japan

### Key Results

- 206 individuals with an average age of 29.5 years old, 22.3% of which were female, received carpentry and entrepreneurship training
- 36 persons received special wood processing training
- A seminar was hosted in Tokyo to mobilize the Japanese private sector with the participation of 27 Japanese companies
- 35 individuals from local businesses and carpentry unions received entrepreneurship training



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## 5. UNIDO AND THE PRIVATE SECTOR

### Examples of Partnerships:

**AEON**



**METRO Group**



**PHILIPS**



### Modalities of partnership:

- Programme for Country Partnership (PCP)
- Thematic multi-stakeholder partnerships
- Projects-level partnerships



## UNIDO Partnership with illycaffè and Ernesto Illy Foundation



### Improving the Sustainability and Inclusiveness of the Ethiopian Coffee Value Chain through Private and Public Partnership

#### At a Glance

**Location:** Ethiopia

**Focus Area:** Coffee value chain development

**Partners:** illycaffè and Fondazione Ernesto Illy, Italian Agency for Development Cooperation

#### Key Results

- Capacity building and training for more than 9000 coffee farmers in Aleta Wondo (Southern Nation Nationalities and People Regional State) and Delo Mena (Oromia State)
- Renovation of 15 coffee farmers' cooperatives washing stations and coffee drying stations
- Development of a comprehensive communication strategy for the Ethiopian Coffee and Tea Development and Marketing Authority, as well as for the creation of national branding and marketing strategy for "Ethiopian Coffee".



## Promoting youth employment by supporting technical and vocational education



Contributing to diversifying the local economy, promoting inclusive and sustainable investment and enhancing the employability of young women and men

### At a Glance

**Geographic scope:** Liberia

**Focus area:** Human Security and post conflict rehabilitation

**Funding partners:** Japan

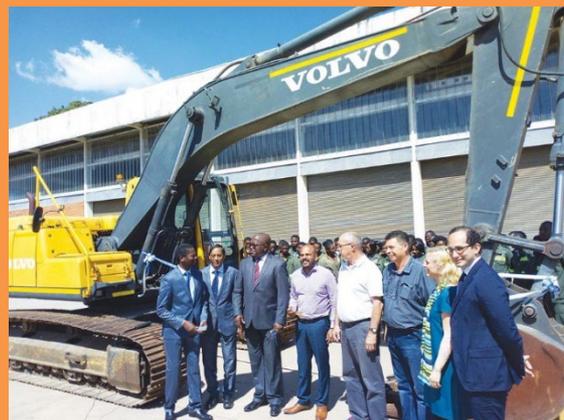
**Other partners:** Komatsu Ltd., Booker Washington Institute

### Key Results

- A **modern operator school** was established to address the skills need in the mining, construction and roads sector
- Project has managed to attract further government and donor interest. **30 million USD (EU + Government of Sweden)** has been made available to support vocational and technical training in the country with a plan to establish similar schools in 6 locations in the country.
- **500 Liberian students** to date have received technical and vocational training at the Japan Heavy Equipment Operator School in Kakata.
- **98 graduates** took apprenticeships in various industries and gained practical experience with a view to possible regular employment in Liberia's heavy-duty equipment sector.



## The Zambian Industrial Training Academy (ZAMITA)



### Private-Public Development Partnership (PPDP) within Zambia's Mining Skills and Training Framework

#### At a Glance

**Geographic scope:** Zambia

**Focus area:** Heavy-duty machinery

**Business sector partner:** Volvo Group

**Other partners:** Sida, Embassy of Sweden in Zambia and NORTEC technical school

#### Key Results

- The ZAMITA Programme in Heavy Equipment Engineering was officially opened on 7 November 2016.
- With support of international partners, a modern curriculum was developed; infrastructure was upgraded and hi-tech training equipment was installed
- In 2018, the Zambian Government and the AfDB provided bursaries to 280 students, while 9 students were sponsored by Canadian company, First Quantum Minerals, and the Zambia National Service.
- The ZAMITA had 87 female students in 2017, as opposed to just one in 2016.
- Career service points were established to facilitate apprenticeships and the transition of graduates into the workforce.



## UNIDO Partnership with Volvo Group



### Specialized skills development to improve access of Ethiopian youth to gainful employment opportunities

#### At a Glance

**Location:** Ethiopia

**Focus Area:** Poverty reduction

**Implementing partners:** UNIDO, the Swedish International Development Cooperation Agency (SIDA)

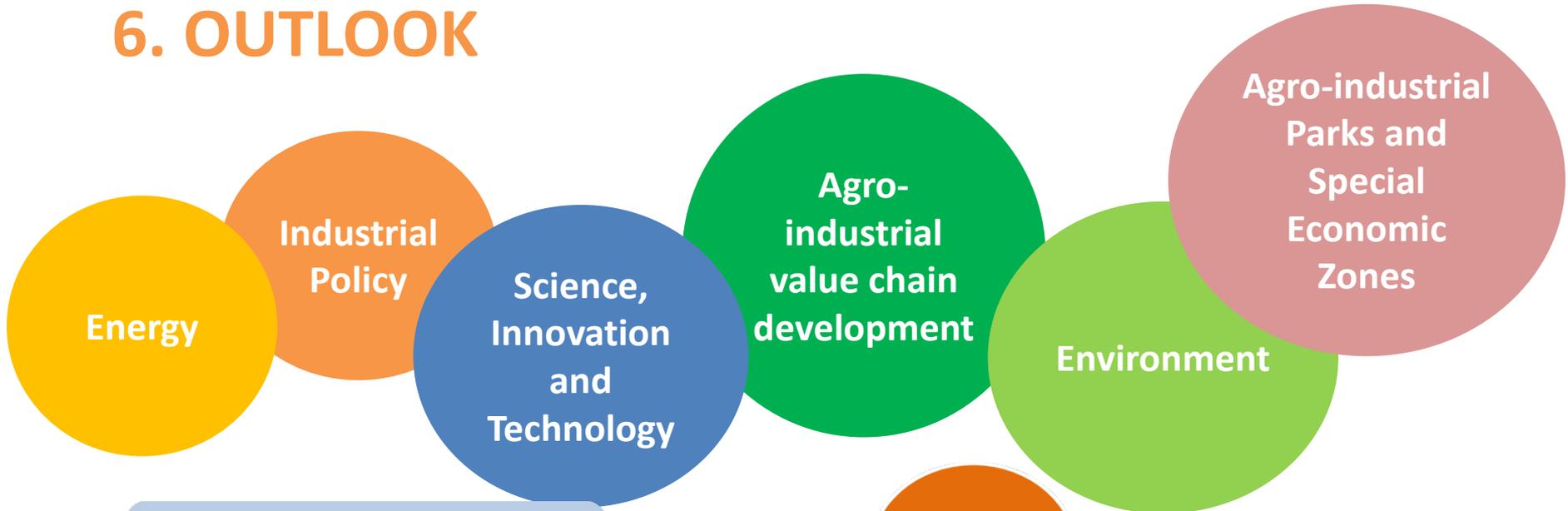
**Business partner:** Volvo group

#### Key Results

- Volvo provided new equipment, training material, teacher training, ongoing curriculum development and apprenticeship opportunities for students.
- Training or trainers was conducted focused on provision of up-to-date technical skills to deliver high level technical training.
- 25-30 young trainees graduate annually in operations and maintenance of commercial vehicles.
- More than 100 local technicians and SMEs benefit annually from short-term skill upgrading trainings.



# 6. OUTLOOK



1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 <sup>th</sup> INDUSTRIAL REVOLUTION
4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	
7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	INDUSTRY 4.0
10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS		





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# Thank You!



## IDDA3

Third Industrial Development  
Decade for Africa 2016-2025