



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

Progress by innovation



## COLLABORATIVE INDUSTRIALIZATION

UNIDO's Toolkit for South-South and Triangular  
Industrial Cooperation



**SSTIC**

South-South and  
Triangular Industrial  
Cooperation



## ABOUT THIS TOOLKIT

Welcome to UNIDO's comprehensive catalogue of South-South and Triangular Industrial Cooperation (SSTIC) resources. This brochure serves as your gateway to a wealth of information, showcasing our commitment to fostering sustainable industrial development through collaborative approaches. Within this catalogue, you'll discover a diverse array of materials—from in-depth publications and enlightening case studies to engaging e-learning courses and videos. Whether you're a policymaker, industry professional, or simply curious about SSTIC's transformative potential, this catalogue offers valuable insights into how UNIDO is driving innovation, sharing knowledge, and building partnerships across the Global South.

## ABOUT SSTIC AT UNIDO

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Industrialization drives economic development, yet many developing countries need help accessing essential resources and technologies. South-South and Triangular Industrial Cooperation (SSTIC) is a collaborative approach that enables countries in the Global South to share knowledge, technology, and resources, fostering mutual growth for inclusive and sustainable industrial development. For over a decade, UNIDO has championed SSTIC to advance Sustainable Development Goal 9 on industry, innovation, and infrastructure. Guided by principles of national sovereignty, ownership, equality, non-conditionality, and mutual benefit, SSTIC fosters cooperation in agro-industry, circular economy, green industry, and Fourth Industrial Revolution technologies. By connecting developing countries with global value chains, SSTIC addresses development challenges and promotes inclusive, sustainable industrial growth.

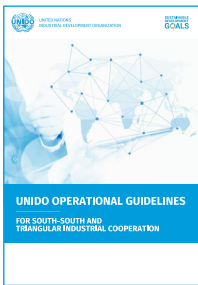
# UNLOCKING PROSPERITY: The Power of SSTIC – An explainer video

SSTIC serves as a complementary pathway to traditional North-South development cooperation. It advances Sustainable Development Goal 9, which focuses on industry, innovation, and infrastructure. UNIDO is a long-standing advocate of SSTIC and assists nations to pool their resources, expertise, and knowledge to boost their industrial sectors, create jobs, build partnerships, and foster economic growth. But how does SSTIC work, and why is it essential for global development? Find out in this short explainer video!

**Watch the UNIDO SSTIC explainer video**



## UNIDO OPERATIONAL GUIDELINES FOR SSTIC



UNIDO's Operational Guidelines for SSTIC provide a comprehensive framework for leveraging South-South and triangular cooperation to promote inclusive and sustainable industrial development. These guidelines outline UNIDO's approach to SSTIC, including objectives, implementation strategies, and monitoring processes. They emphasize UNIDO's role in facilitating knowledge exchange, technology transfer, and partnerships among countries in the Global South.

The document highlights how SSTIC can contribute to achieving the Sustainable Development Goals, particularly SDG 9, by fostering innovation, building resilient infrastructure, and promoting sustainable industrialization.

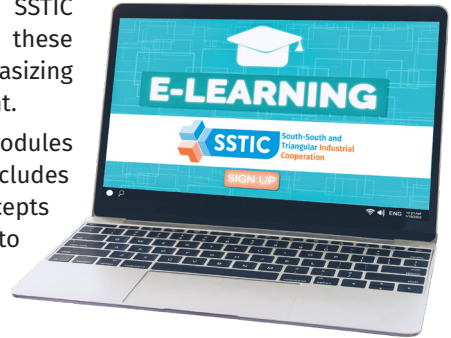
These guidelines serve as a roadmap for UNIDO staff and partners to effectively integrate SSTIC into their projects and programs, enhancing the organization's impact in industrial development cooperation.



# UNIDO E-LEARNING COURSE ON 'INTRODUCTION TO SSTIC'

The UNIDO self-paced e-learning course on SSTIC offers a comprehensive overview of these development cooperation modalities, emphasizing their role in advancing sustainable development.

The course is structured into four interactive modules and can be completed in 60-90 minutes. It includes real-world case studies to illustrate key concepts and aims to enhance participants' abilities to evaluate, communicate, and apply SSTIC initiatives effectively.



## Course Highlights:



Four interactive modules



Duration : 60-90 minutes



Includes real-world case studies

## Key learning objectives:

- 1 Understand the 2030 Agenda, SDGs, and SSTIC's role as per BAPA+40.
- 2 Assess and communicate the value of SSTIC initiatives.
- 3 Explore SSTIC's place in development cooperation and global partnerships.
- 4 Learn about UNIDO's SSTIC Operational Guidelines for project implementation and reporting.

## The course structure



### SSTIC Basics:

Key concepts and UNIDO role



### Project Success:

Guidelines, classification, case studies



### Policy Frameworks:

Documents, strategies, funding



### Final Assessment

Scan the QR CODE or Click the link to access the course.

<https://hub.unido.org/node/12317>

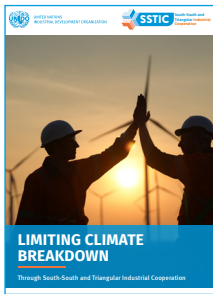


# UNIDO SSTIC PUBLICATIONS

Hunger, poverty, climate change, and environmental degradation are significant global challenges, exacerbated by 208 million unemployed individuals and two billion people in informal, unprotected jobs, with women and youth disproportionately affected. UNIDO is at the forefront of addressing these issues through sustainable industrial development by implementing industrial policies, fostering technical cooperation, and promoting investment for economic transformation and job creation. The UNIDO SSTIC publication highlights how South-South and Triangular Industrial Cooperation (SSTIC) supports these crucial efforts focusing on UNIDO three main priorities: Limiting Climate Breakdown, Ending Hunger and Supporting Sustainable Supply Chains.



## 1 Limiting climate breakdown through SSTIC



As we face an escalating climate crisis, the relevance and importance of SSTIC have never been more pronounced. SSTIC, as an international cooperative mechanism, holds significant potential to address and limit climate breakdown strategically. This publication outlines the technical and economic dimensions of how SSTIC supports global climate change mitigation and, importantly, fosters a sustainable, resilient future. It delves into three primary areas: Decarbonization, which focuses on low-carbon production, carbon capture, and green job creation; Sustainable Energy, which covers renewable technologies and energy efficiency for a circular economy; and Climate Technology, which explores technology transfer and adaptation for integrating climate-friendly technologies into industries.



## 2 Sustainable supply chain through SSTIC

As a key axis of international cooperation, SSTIC bridges global value chains and sustainability. This publication highlights SSTIC's role in fostering economic resilience, environmental stewardship, and social inclusion through sustainable supply chain development. It covers three main areas: Sustainability Standards, focusing on norms and benchmarks for sustainable operations; Skills Development, building technical capabilities for supply chain management; and Value Chain Development, detailing efforts in industrial diversification and value addition for economic growth and competitiveness.



### 3 Ending Hunger through SSTIC



As the global community grapples with the persistent challenge of hunger, SSTIC offers a dynamic platform for innovative solutions and coordinated action. SSTIC leverages industrial cooperation and shared experiences to combat hunger by promoting the transfer and adaptation of advanced agricultural technologies like precision farming and modern storage methods and encouraging best practices for productivity and food security. This publication explores UNIDO's approach through four key domains: Agribusiness Development, demonstrating SSTIC's role in technology transfer and agricultural practices; Food Security and Food Safety, focusing on policy advice and market access for farmers; Agro-Industrial Parks, highlighting efforts in diversification and rural entrepreneurship; and Bioeconomy, showcasing value addition in agricultural products to create opportunities and strengthen food systems.

### 4 Event Summary – UNIDO's South-South Investment Forum

The South-South Investment Forum, organized by UNIDO in collaboration with Afreximbank and China Eximbank, highlighted the transformative potential of South-South investments. Held on November 10, 2023, in Cairo, the forum showcased the rapid growth of South-South trade, now surpassing North-South trade-in value. Critical discussions focused on identifying investment opportunities, de-risking, financing frameworks, and catalysts for investment. The event emphasized leveraging the African Continental Free Trade Area (AfCFTA) and presented actionable solutions for overcoming resource constraints and technological gaps. Keynote speakers underscored the importance of strategic collaboration and innovation for sustainable global growth. This event summary provides an overview of the objectives, constructive discussions and take aways from the forum.



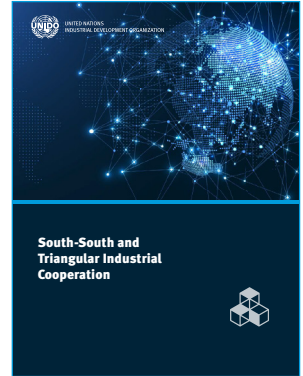
## 5 South-South and Triangular Cooperation (2021) by UNIDO

This 2021 UNIDO brochure presents the organization's SSTIC initiatives. Covering 20 projects along four thematic priorities, it explains how UNIDO employs SSTIC to advance inclusive and sustainable industrial development (ISID) and support the Sustainable Development Goals (SDGs).

The document outlines UNIDO's SSTIC framework and services, along with development frameworks like the Programme for Country Partnership (PCP) and Third Industrial Development Decade for Africa (IDDA III). It provides case studies of SSTIC projects across various sectors and regions, focusing on shared prosperity, economic competitiveness, environmental protection, and strengthening knowledge and institutions. It also introduces tools developed by UNIDO, like the International Guidelines for Industrial Parks, to promote best practices in industrial development.

Key themes addressed include women's economic empowerment, sustainable energy, and industrial park development. Throughout, the document emphasizes knowledge sharing, technology transfer, and capacity building between Southern countries.

The brochure serves as both a record of UNIDO's SSTIC achievements and a guide for future cooperation in industrial development among developing countries. It showcases successful projects and approaches that can be replicated and scaled up across the Global South to promote ISID and achieve the SDGs.



## UNIDO SSTIC IMPACT STORIES

UNIDO's SSTIC Impact stories showcase successful initiatives that leverage South-South and Triangular Industrial Cooperation for sustainable development. These stories highlight effective projects and good practices, encouraging Member States and stakeholders to replicate successful models. By promoting these practices, UNIDO aims to catalyze further SSTIC initiatives, demonstrating SSTIC as a valuable development tool for the Global South.



# UNIDO SSTIC CASE STUDIES VIDEOS

UNIDO's SSTIC Case Studies Videos showcase real-world applications of sustainable industrialization, promoting best practices and reflecting UNIDO's commitment to fostering global development. These videos aim to catalyze further SSTIC initiatives, demonstrating SSTIC as a valuable development tool for the Global South. By leveraging modern media, they make UNIDO's work more accessible and relatable, engaging a broader audience in the mission of sustainable and inclusive industrial development.



## 1 Case study Bhutan – Green electric solutions for urban transport

Thimphu, Bhutan is a city on the verge of a transportation revolution. Supported by UNIDO and Austria's Federal Ministry for European and International Affairs, Thimphu is introducing electric buses and building green infrastructure. This innovative project, guided by South-South and Triangular Industrial cooperation with technology from China and expertise from Austria and New Zealand, aims to replace fossil fuels with clean energy, paving the way for a sustainable transport future in Bhutan.



## 2 Case study Ethiopia – Leather Initiative for Sustainable Employment Creation



Ethiopia, Africa's leader in livestock and leather production, faces challenges like high unemployment and environmental issues. UNIDO's EU-funded Leather Initiative for Sustainable Employment Creation (LISEC) aims to transform Oromia's leather sector through South-South and triangular cooperation. By developing Modjo Leather City (MLC), the project provides training, access to materials, and environmental protections, creating jobs and setting a model for a sustainable leather industry in Ethiopia.



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### Case Study Ethiopia - Upgrading Livestock Value Chain

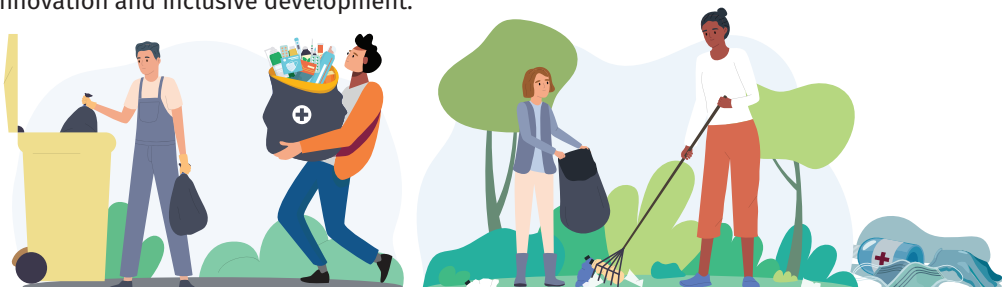


Ethiopia, with one of Africa's fastest-growing economies, relies heavily on its livestock sector, crucial for GDP and rural livelihoods. Despite its potential, the sector faces challenges like inadequate infrastructure, market access issues, and environmental concerns. UNIDO, partnering with China, is addressing these through South-South and triangular cooperation, aiming to boost exports, enhance value chains, attract investments, and ensure sustainability. This initiative empowers women and youth, promotes eco-friendly practices, and fosters a resilient livestock industry, setting a model for other developing countries.

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### SSTIC Case Study Iran – Emergency response assistance to COVID

As COVID-19 spread globally, Iran faced a surge in medical waste, straining its limited disposal capacity. In response, UNIDO, in collaboration with China and Iran, launched an emergency project to ensure safe and eco-friendly medical waste disposal. The project provided essential equipment and training to hospital staff and government agencies. It aimed to strengthen Iran's waste management capabilities and promote sustainable practices. This initiative highlights the power of South-South cooperation in addressing emergencies and showcases UNIDO's commitment to innovation and inclusive development.



## 5 SSTIC Case Study Latin America – E-waste management



E-Waste is a growing threat in Latin America, with only 3% collected responsibly. To address this, 13 countries collaborated to establish a regional e-waste monitor, assessing volume, legislation, and infrastructure. Funded by GEF and implemented by UNIDO, this project empowers national initiatives through South-South and triangular industrial cooperation. It promotes knowledge sharing and capacity building to tackle e-waste. This initiative highlights South-South cooperation's power in addressing environmental challenges and showcases UNIDO's commitment to innovation and inclusive development.

## 6 SSTIC Case Study Southeast Asia – Support to cope with climate change.

Southeast Asia faces rising energy demand and climate challenges. UNIDO launched a program with Malaysia, Thailand, and Korea to address these issues through South-South and triangular industrial cooperation. Supported by Korea and the Korea Energy Agency (KEA), the initiative promotes renewable energy and efficiency, leveraging Korea's expertise in hydrogen, electric vehicles, and carbon neutrality. Collaboration with the private sector is key. The program also promotes gender equality and women's empowerment. This effort highlights UNIDO's commitment to innovation and sustainable growth in Southeast Asia.



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## SSTIC Case Study Venezuela – Industrial Upgrading and Modernization Programme



Venezuela, with significant agricultural potential, relies heavily on food imports, producing only 30% domestically. UNIDO, via South-South and triangular industrial cooperation, launched the Industrial Upgrading and Modernization Program, focusing on maize, beans, soybeans, rice, and sugar cane value chains to boost food security and economic growth. Collaborating with Food and Agriculture Organization (FAO), International Maize and Wheat Improvement Center (CIMMYT), and Latin American Fund for Irrigated Rice (FLAR), the project modernizes farming, showing a 29% corn yield increase. Leveraging Brazilian expertise, it promotes sustainable production. This initiative enhances local capacity and showcases UNIDO's commitment to sustainable development.





## SCAN TO VISIT UNIDO SSTIC WEBSITE



[www.unido.org/south-south-cooperation](http://www.unido.org/south-south-cooperation)



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