



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Improving Industrial Policy through Advice and Capacity Development



The Capacity Development and Policy Advice Unit

UNIDO's Capacity Development and Policy Advice Unit (TCS/CPS/CDA) maintains and enhances the Organization's technical, policy and normative knowledge base to support sustainable industrial development in Member States.

It further responds to the need of developing countries to build the capacities to formulate and implement industrial policies and strategies to pursue industrial development with the greatest potential for attaining the sustainable development goals contained in the 2030 Agenda.

In this context, the Unit supports Member States in identifying, designing, implementing and evaluating policies and strategies that aim to expand and diversify their manufacturing capacity and advocates for sustainable industrialization strategies at the global, regional and national levels.

In discharging these responsibilities, the Unit design and implements projects and collaborates closely with relevant organizational entities of UNIDO, including those providing technical cooperation services.

UNIDO's capacity development and policy advisory services and support is geared towards a self-reinforcing and dynamic policy learning process over time.

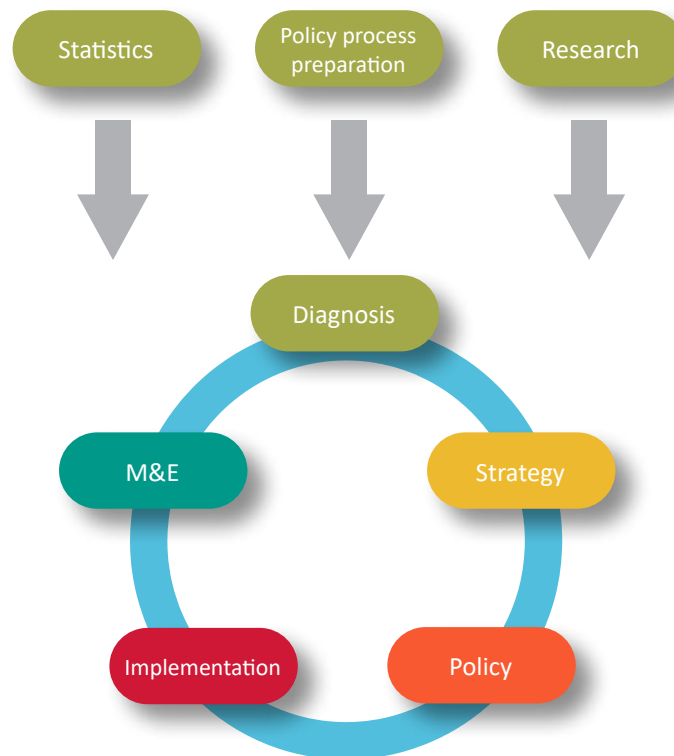


Evidence-based industrial policymaking

Developing countries often lack the ability to produce, engage and systematically act on evidence to set strategies and design industrial policies, and for the subsequent policy implementation, monitoring and evaluation.

Additionally, developing countries insufficiently engage multi-stakeholders in policy processes in general and specifically for industrial policy development to achieve alignment of policy with industrial, societal, and sustainable development goals. Furthermore, ministries mandated to develop these policies often outsource the delivery of industrial strategies and policies, without due consideration of the learning and accumulation of policy capacities that go with policy development. Also outsourcing policy making capabilities fails to propel ownership by the Government and the multi-stakeholder processes required to achieve buy-in of stakeholders, particularly in the private sector.

Therefore, the guiding principle for UNIDO's capacity building services for IP is policy design based on evidence and multi-stakeholder engagement. The capacity building process is about enhancing the ability of ministries and policy analysts to engage with evidence, and to carry out strategy formulation and policy design systematically along different stages of the policy cycle.





The Enhancing the Quality of Industrial Policies (EQuIP) toolkit



EQuIP

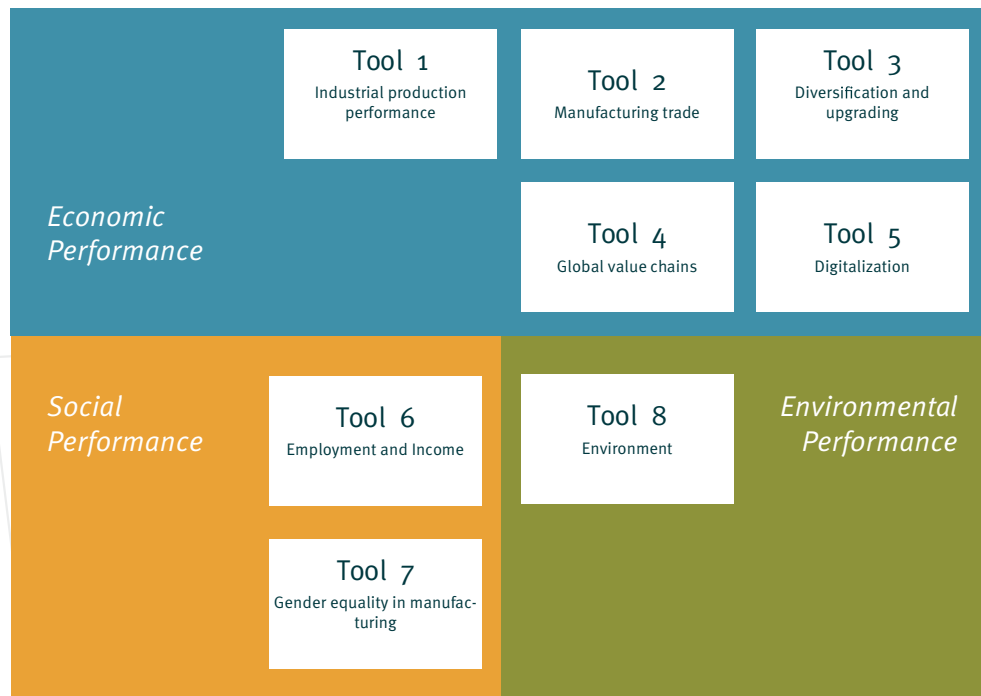
The **Enhancing the Quality of Industrial Policies (EQuIP)** toolkit is an institutional capacity-building package to train public servants and analysts for public policy to be based on informed decisions and a critical examination of empirical evidence. It has

been designed and is continuously further developed jointly with the German Federal Enterprise for International Cooperation (GIZ).

The toolkit contains 8 tools covering all three dimensions of inclusive and sustainable industrial development. It contains indicators to assess a country's manufacturing sector's performance for evidence-based strategy development and links them with related policy instruments.

The EQuIP toolkit has supported policymakers in several countries globally by empowering them to take the lead in designing industrial policies and reflect the countries unique context, capacities and objectives.

For more information, visit: <https://www.equip-project.org>



The Global Industrial Policy Advice Facility (GIPAF)

Apart from implementing full-fledged policy projects, UNIDO's policy team offers several [short-term policy services](#). These may include strategic advice to Member States to help them accelerate industrial development, trainings and workshops, engagement with stakeholders and build policy capacity, and reviews of strategies and policies. Governments can apply for such services through the [Global Industrial Policy Advice Facility \(GIPAF\)](#).

The Facility supports policy processes in developing countries globally. Activities can be conducted on the national, regional and sub-regional level, involving one or several countries at once.

The Facility provides direct short-term demand-driven policy advisory services to support different moments in the policy-making process – from policy design to implementation - and indirectly through sharing of knowledge products and best practices, including policy studies, reviews and briefs.

The Facility can be accessed at:

<https://www.unido.org/unido-global-industrial-policy-advice-facility>



Training and workshops - topics and delivery

Science, technology and innovation in modern industrial policy

This workshop aims to enhance the capacity of policymakers to design and develop policies that support productivity performance and competitiveness through technology and innovation.

The workshop covers the measurement of the performance of target countries, core concepts, their theoretical foundations and empirical measurement. It will make use of the implications provided by a structural model that relates R&D expenditures to innovation and productivity outcomes. An important segment is the focus on understanding and using data. The course will also discuss the meaning of applying proxies in innovation policymaking.

Drawing from the insights arrived at in combination with the context at hand, the course will discuss evidence-based policies to further productivity and competitiveness. A potential action plan will be sketched for each participating country.

The workshop will cover the following topics:

- Productivity empirics
- Core concepts in innovation, technology and productivity
 - Linking productivity to competitiveness, growth and welfare
 - Linking productivity to technological change, innovation and R&D using the Crepon, Duguet and Mairesse (CDM) structural model
 - Types of R&D and links to invention and innovation
 - The Oslo Manual, Global Innovation Index and the concept of the National System of Innovation
 - Embodied and disembodied technological change
 - Labor productivity versus Total Factor Productivity
- Policy responses towards enhanced productivity and competitiveness
- Towards building the innovation capacity and capability of target countries

Faculty includes experts from internationally renowned academic institutions, high-level policymakers, UNIDO staff members, as well as senior representatives from host country institutions and the private sector.

Global value chains

This workshop presents the theoretical underpinnings of the role of industrialization and global value chains (GVCs) in economic development. Participants will learn about the different dimensions of industrialization and GVCs and use these frameworks to analyse challenges and opportunities for their countries.

Participants will also learn about the data tools and indicators which can be used to evaluate the country's position within global and regional value chains at the industry level. Participants will draw lessons from success stories and experiences of other countries, and gain insights into how to develop effective industrial policy that could leverage GVC participation to accelerate inclusive and sustainable industrial development.

The workshop makes ample use of UNIDO's Industrial Analytics Platform (IAP). The workshop consists of presentations and a mix of other interactive activities, including group discussions and exercises.

The workshop has the following objectives:

- Expose participants to the basics of industrial development within the context of international production sharing.
- Build practical skills backed by data analysis in policymaking.
- Enhance industrial policy required to support development of local industries and firms in reaping opportunities offered by global value chains.



Value chain diagnostics

This course teaches participants how to qualitatively and quantitatively analyse the situation of a value chain in a national or regional context (including perspectives of international markets and competitiveness vis-a-vis global production).

Such diagnostics enables the analyst to establish the status quo of primary production, value addition and marketing in the value chain and project on scenarios to improve the situation via technological, product and functional upgrading as well as innovation in processes.

Participants will be introduced to UNIDO's tool for Industrial Value Chain Diagnostics as well as the latest version (2.0) of the Chain Analysis Tool (CAT) which helps to develop business models for improved production along the value chain.

The training covers the following topics:

- Overview on value chain analysis approaches and core concepts of qualitative and quantitative diagnostics
- Analysis of 7 dimensions of value chains including inputs and supplies, production, markets and trade, value chain governance, value chain finance, environmental hotspot analysis and cleaner production and energy solutions, as well as socio-economic and policy environment
- Analysis of costs and profit margins across the various parts of the value chain
- Development of strategies for development of the chain
- Development of business models for firm development of the chain
- Development of policy measures to support value chain development

The workshop targets analysis and decision makers in value chain development relevant programmes and projects in the Government and beyond.

The CAT can be downloaded here:

<https://www.unido.org/api/opentext/documents/download/17148011/unido-file-17148011>



Digitalization and the Fourth Industrial Revolution

The programme aims at raising the awareness on the preparation needed for the implementation of the Fourth Industrial Revolution (4IR). Inter alia, the program will discuss investment needs, related technologies and attendant policies. The program will also discuss challenges and opportunities related to 4IR.

The workshop features a series of lectures and exercises by UNIDO Staff, experts from the Organization's partner institutions, international experts and senior policymakers.

Through these activities, participants will be able to:

- Better understand 4IR and related concepts and technologies
- Have an overview of policy options and best practice globally
- Identify major areas of intervention regarding 4IR in their countries
- Actively engage in a multi-stakeholder dialogue regarding the formulation of proactive policies to better confront 4IR

The workshop addresses the following overarching topics:

- Requirements for the digitalization of the economy
- How are different countries getting ready for 4IR
 - Preparing for implementation/adoption of 4IR
 - Preparing for the impact of other countries' (both developed and developing) implementation/adoption of 4IR
- Which institutional setups, what sort of infrastructure and which reforms in educational systems are required to increase the readiness of a country's manufacturing sector towards 4IR?
- What can/should be done in the short-term vs long-term?



Diversification and upgrading

Understanding the concepts of diversification and upgrading greatly affects the choice of future policy pathways. Both concepts are related and have a domestic as well as a trade dimension. Diversification is considered to involve increasing the number of products, activities, markets or sectors while upgrading refers to a movement towards the production (and export) of goods that require higher capabilities, that are more sophisticated and complex, and that allow for high value-added capture.

The workshop aims at providing information and share countries' experiences in the field of promoting economic diversification and upgrading. It has the following objectives:

- To introduce various theoretical concepts related to diversification and upgrading as developed by UNIDO, its partners and others.
- To better understand successful diversification and upgrading policies from economies with successful strategies.
- To share country experiences on promoting economic diversification and upgrading.

The workshop covers both conceptual/theoretical approaches to diversification and upgrading as well as practical policy examples. It will have the following structure:

- Introduction of the importance of economic diversification: why diversification matters;
- Introduction of the importance of economic upgrading
- Pathways towards diversification and upgrading – Measurement and indicators;
- Country case studies
- Group work exercise: Discussion and presentation of results on diversification and upgrading in target countries/region

The workshop targets policymakers and technical experts that are responsible for or involved in the formulation and implementation of strategies and programs related to economic diversification and upgrading. It is participatory and interactively delivered through lectures, panel discussions, and country presentations.

Gender and industrial development

This training programme targets government officials engaged in the design and implementation of industrial policies, gender focal points of the relevant national ministries, regional organizations and representatives of organizations focusing on the economic empowerment of women.

Participants learn how to analyze and measure the links between gender inequalities and industrial development and design policies and programmes to promote women's economic empowerment, based on best practices and country examples.

The training course covers different aspects of the two-way relationship between industrial development and gender equality. Theoretical explanations are illustrated by country case studies as well as examples of UNIDO projects. Training involves a combination of lectures and group exercises.

At the end of the course, participants will be able to:

- Apply basic concepts and principles of gender equality to industrial development issues
- Describe roles, opportunities, and constraints for women in industry, such as gender-wage gaps and the growth of informal economies
- Identify gender patterns in manufacturing, including how industrial development impacts women's economic empowerment and gender inequality impacts industrial performance and competitiveness
- Understand how technology and innovation can impact women and men differently
- Identify bottlenecks and prioritize policy measures to promote women's entrepreneurship in different sectors and contexts

Sessions will be delivered by UNIDO staff and invited experts.



Circular economy and green industrial development

The greening of industries provides stability and resilience to economic development and improves job and income security, energy reliability and human wellbeing. This programme reflects UNIDO's commitment to enabling policymakers to seek innovative solutions and building their capacities in new forms of industrial development.

This training course provides participants with the opportunity to understand the concept of "Circular Economy" and put its principles into practice, thereby helping improve industry's environmental and socio-economic performance.

Participants of the course will:

- Understand the most pressing environmental trends and issues which affect industry today;
- Learn about policy instruments and tools;
- Apply lessons learnt to the situation in their countries.

The following topics will be covered in the course:

- Product design;
- Circularity in the production phase;
- Circularity in the use/consumption phase;
- Remanufacturing;
- Recycling phase;
- Biomaterials in a circular economy.

The course offers a dynamic mix of lecture-based and participatory teaching methods. Course faculty will consist of senior UNIDO staff members and renowned international experts from its partner institutions and beyond.



Post-Covid recovery and readjustment of industries

The COVID-19 pandemic is confronting each of us with unprecedented challenges. Every country is feeling its impact on health care systems, the economy and society as a whole. In the global fight to overcome this virus together, UNIDO is working with its Member States to address this crisis.

As countries respond to the emergency and start to recover from the socio- economic shock, they must work together to ensure that the recovery will focus on building innovative, inclusive and sustainable economies that are more resilient in facing pandemics, climate change and many other global challenges.

UNIDO has much to offer in terms of rebuilding supply chains, creating decent jobs for women and youth, enhancing the infrastructure for innovation and transferring technology, including advanced digital production technology, industrial upgrading, resource efficiency and cleaner production, to name but a few.

This workshop harnesses UNIDO's expertise and integrates different aspects of inclusive and sustainable industrial development, ranging from economic diversification to technology and innovation to gender equality to value chains and circular economy. It gathers leading experts and senior policymakers to discuss how the crisis can be used as a starting point for the building of more resilient and just industries in the future.

The programme covers - inter alia - the following topics:

- Technology and innovation for sustained recovery
- Resilience and recreation of value chains
- Digitalization and manufacturing
- Re-booting domestic supply



Contact us

For more information please visit our website or contact us at:

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