



UNIDO and Science, Technology and Innovation-STI for SDGs & SCP



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ศุภรศิริ แจ่มสุข





Outline



Introduction



The mission - ISID



STI for SDGs



UNIDO's Expertise on STI for SDGs



Selected UNIDO's Projects



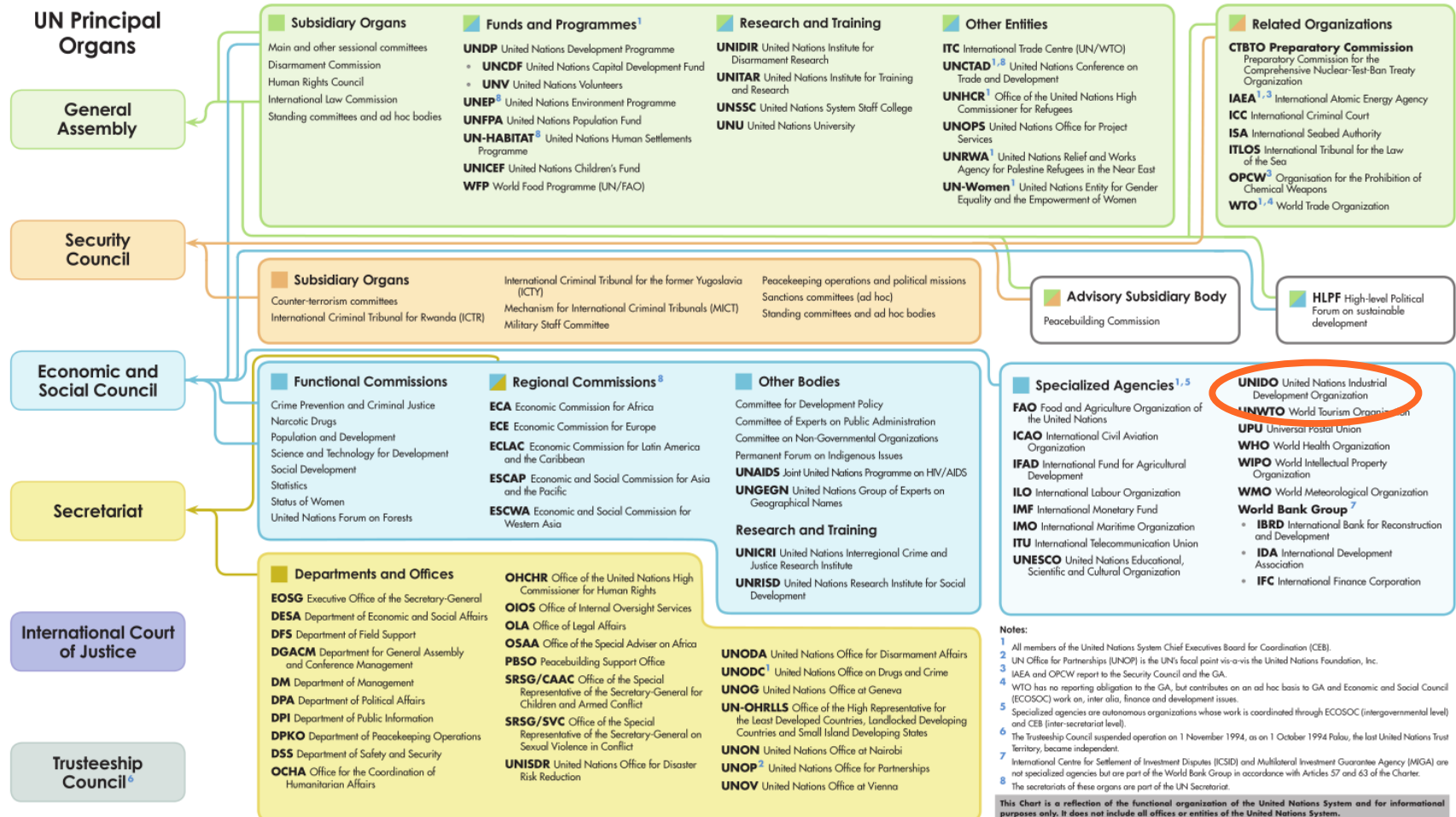


Our HQ is in Vienna.





The United Nations System



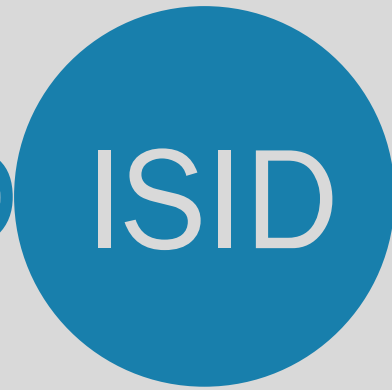
Notes:

- All members of the United Nations System Chief Executives Board for Coordination (CEB).
- UN Office for Partnerships (UNOP) is the UN's focal point vis-à-vis the United Nations Foundation, Inc.
- IAEA and OPCW report to the Security Council and the GA.
- WTO has no reporting obligation to the GA, but contributes on an ad hoc basis to GA and Economic and Social Council (ECOSOC) work on, inter alia, finance and development issues.
- Specialized agencies are autonomous organizations whose work is coordinated through ECOSOC (intergovernmental level) and CEB (inter-secretariat level).
- The Trusteeship Council suspended operation on 1 November 1994, as on 1 October 1994 Palau, the last United Nations Trust Territory, became independent.
- International Centre for Settlement of Investment Disputes (ICSID) and Multilateral Investment Guarantee Agency (MIGA) are not specialized agencies but are part of the World Bank Group in accordance with Articles 57 and 63 of the Charter.
- The secretariats of these organs are part of the UN Secretariat.

This Chart is a reflection of the functional organization of the United Nations System and for informational purposes only. It does not include all offices or entities of the United Nations System.

Published by the United Nations Department of Public Information (DPI/2017 rev.4 - 15-00000 - 14-V-2015)

The Mission - ISID





167 Member states (as of 2018)

The mission => ISID



INCLUSIVE AND
SUSTAINABLE
INDUSTRIAL
DEVELOPMENT





INCLUSIVE AND SUSTAINABLE INDUSTRIAL DEVELOPMENT

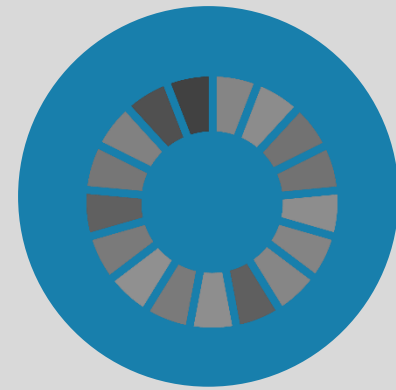




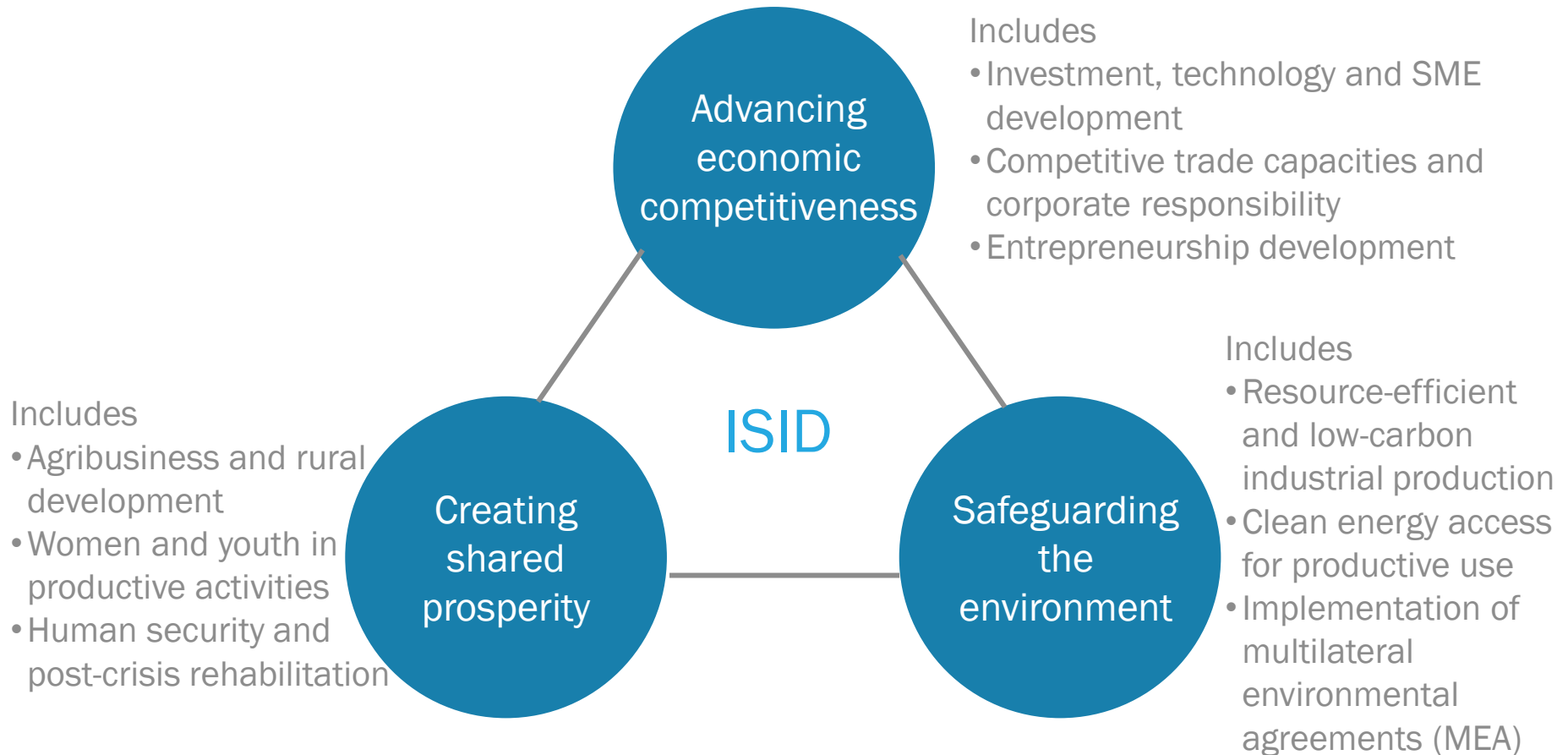
UNIDO Offices around the world



Core thematic areas and SDGs



Main Activity Lines





UNIDO fosters ISID through



Creating shared prosperity



Advancing economic competitiveness



Safeguarding the environment

By providing technical cooperation, analytical and policy advisory services, standard setting and compliance, and by convening for knowledge transfer, partnership and networking





The 2030 Agenda for Sustainable Development: Achieving the industry-related goals and targets



1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



17 PARTNERSHIPS FOR THE GOALS





STI for SDGs

**17 PARTNERSHIPS
FOR THE GOALS**





TECHNOLOGY

- | | |
|--|--|
| <p>17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism</p> | <p>17.6.1 Number of science and/or technology cooperation agreements and programmes between countries, by type of cooperation</p> <hr/> <p>17.6.2 Fixed Internet broadband subscriptions per 100 inhabitants, by speed</p> <hr/> |
| <p>17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed</p> | <p>17.7.1 Total amount of approved funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies</p> <hr/> |
| <p>17.8 Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology</p> | <p>17.8.1 Proportion of individuals using the Internet</p> <hr/> |

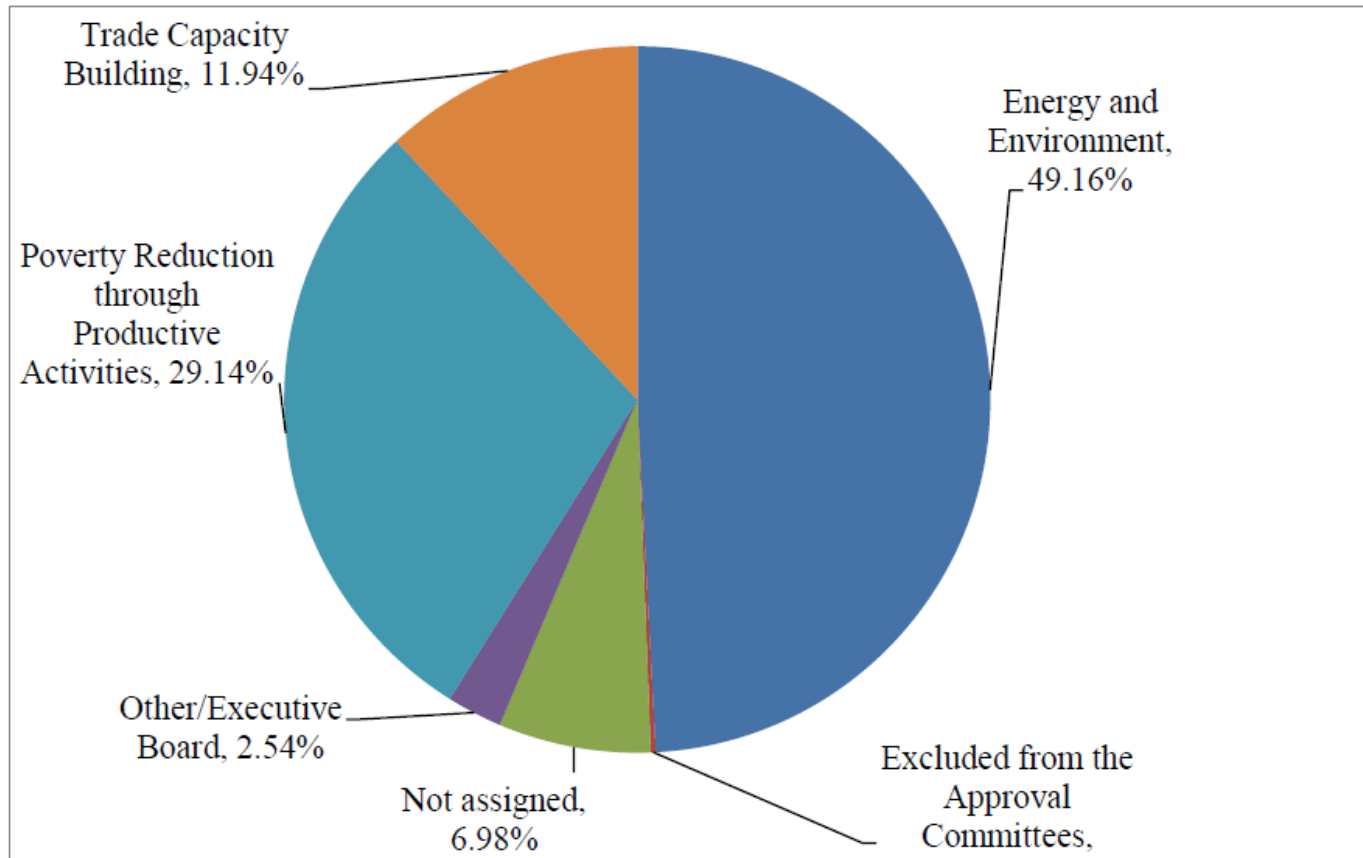


STI for SDGs



UNIDO & STI for SDGs

Figure 1. Projects included in the mapping by main theme

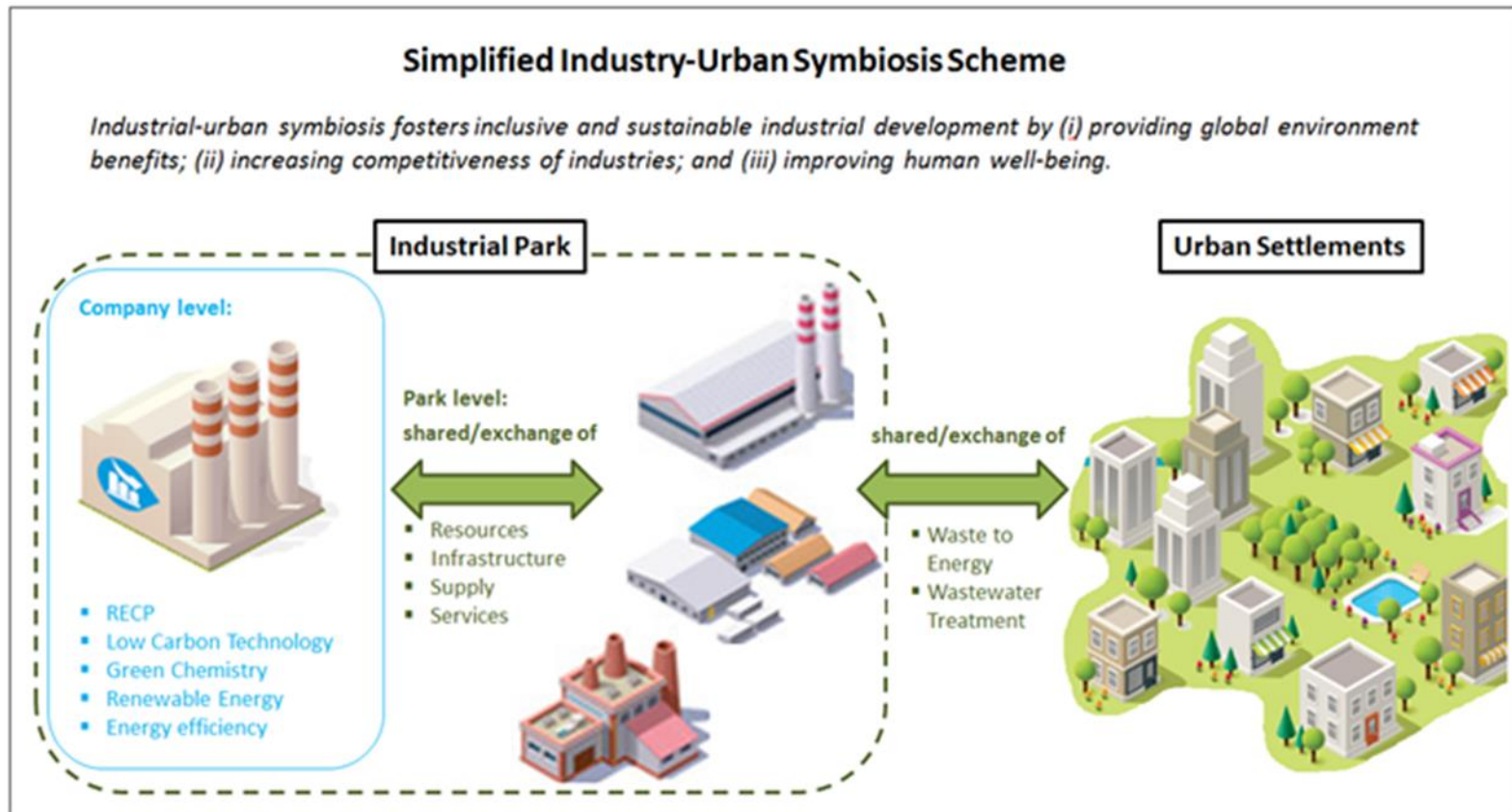


Selected UNIDO's initiatives related to STI and SCP

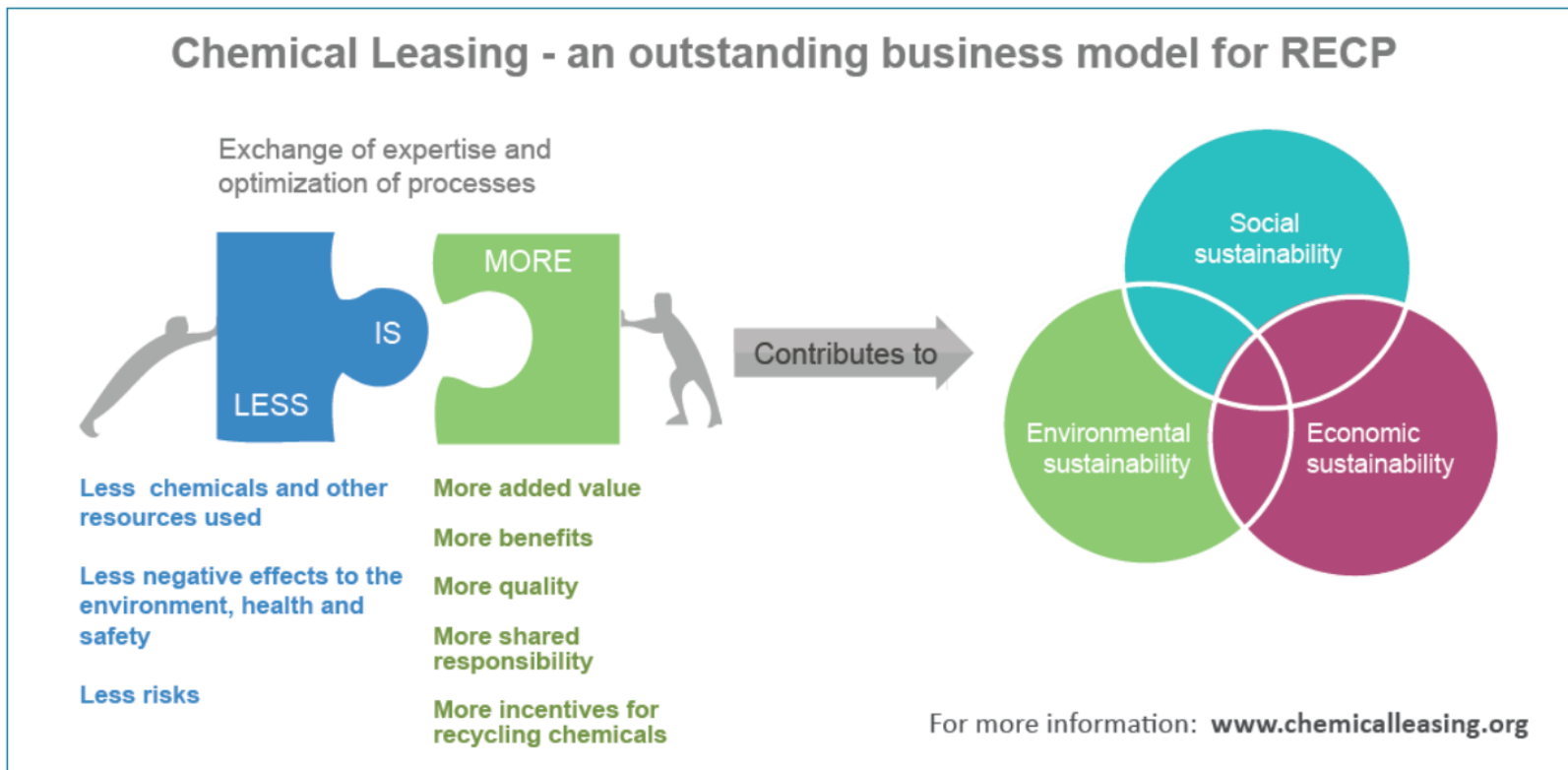


Study of Carbon Dioxide (CO₂) Emissions per Unit of Value Added Indicator for Sustainable Development Goals (SDG) in Thailand

Selected UNIDO's initiatives related to STI and SCP



Selected UNIDO's initiatives related to STI and SCP



Selected UNIDO's initiatives related to STI and SCP



A journey towards responsible gold in West Africa

<https://www.youtube.com/watch?v=tGwS15rMn9M>



Selected UNIDO's initiatives related to STI and SCP

Greening the scrap metal value chain through promotion of BAT/BEP to reduce u-POPs releases from recycling facilities



PROJECT JUSTIFICATION

- Thailand is a scrap-based metal producing and consuming country.
- Secondary metal production is recognized as an important source of U-POPs by the Stockholm Convention
- Thailand signed the Stockholm Convention on 22 May 2002 and ratified on 31 January 2005 and the National Implementation Plan (NIP) prioritizes the application of BAT and BEP in industries which are potential sources of U-PPOs



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