



SUSTAINABLE
RECYCLING
INDUSTRIES

Sustainable Recycling Industries Impact on Egypt

5 September 2023



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs SECO



Empa

Materials Science and Technology



WORLD
RESOURCES
FORUM

Egypt



Introduction

Egypt's first international e-Waste Management Forum held in Cairo in 2009

Egypt, required to enhance its policies and regulations on e-waste, to reach an optimal economic potential and job creation opportunities within this sector.

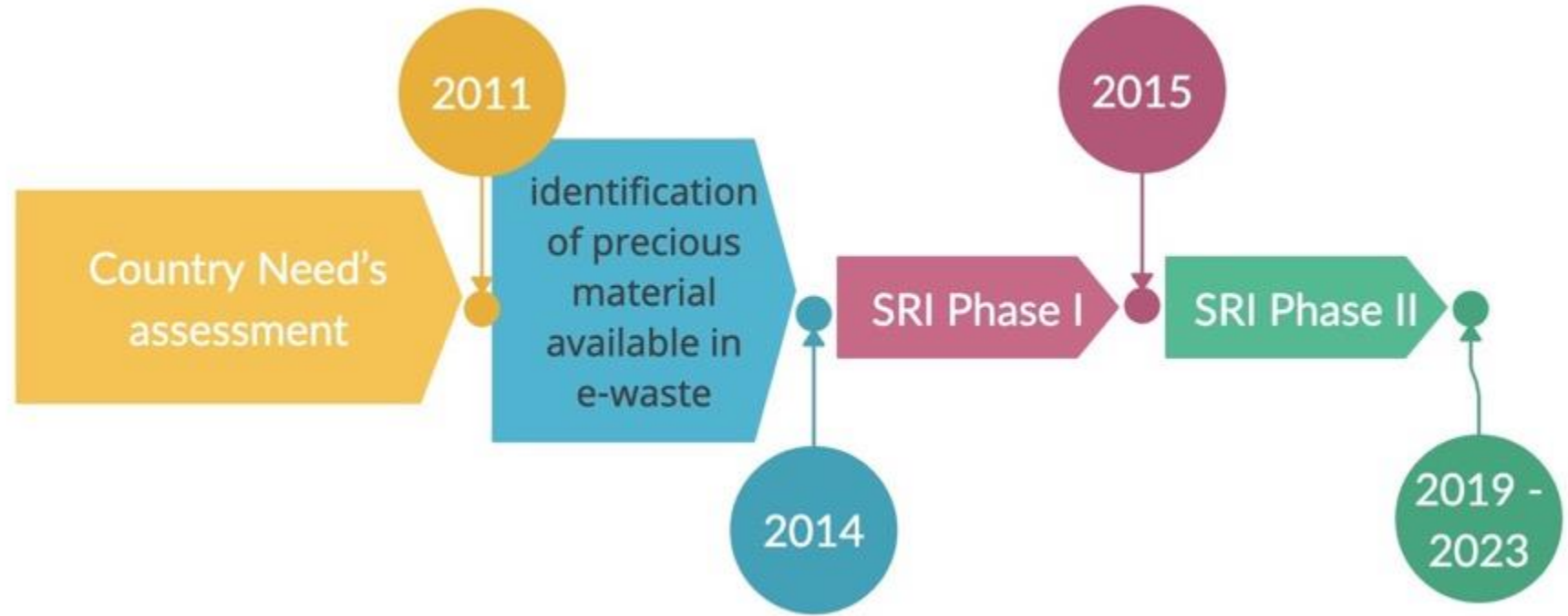


Egypt's involvement and speed indulgence in digital transformation





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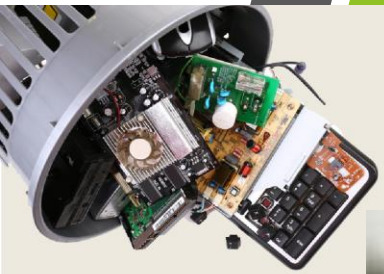


Normative



The Sustainable Recycling Industries (SRI) project launched by the State Secretariat of Economic Affairs (SECO)

SRI is built on 4 pillars; Policy, Normative & Conformity, Business & partnerships, Hazardous fractions



EXTENDED

PRODUCER
RESPONSIBILITY
ASSESSMENT
REPORT



2017



Entrepreneurship Support & Intervention Programme



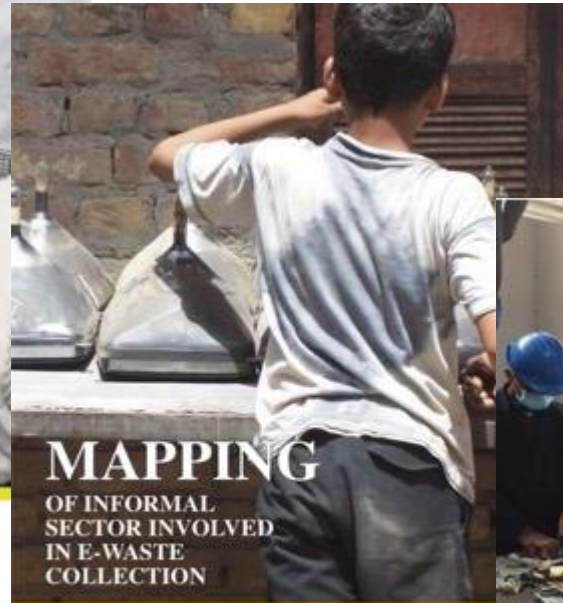
2017



ASSESSMENT OF WEEE DISMANTLING BUSINESS OPPORTUNITIES - FORMAL SECTOR



2017



MAPPING OF INFORMAL SECTOR INVOLVED IN E-WASTE COLLECTION



2017



FORMAL Sector Needs Assessment Report



2017



Sustainable Recycling Industries (SRI) Project, LEGISLATIONS REPORT



2017



Impact on the E-waste Industries

➤ Policy Component

- E-waste recycling industry in Egypt
- E-waste is mentioned and defined as a hazardous waste with special conditions.
- Legal guidelines, & Technical guidelines
- EPR concept and financial mechanisms

➤ Normative & Conformity

- Precious metals extraction audit
- Train-of-Trainers on auditing checklist
- Developing a centralized auditing system



Impact on the E-waste Industries

➤ Business & partnership

- Incubating creative ideas from entrepreneurs
- Technical assistance to existing recyclers
- The SRI project has also developed a full curriculum for both technical and managerial personnel on e-waste management
- Capacity building and awareness programs
- Field trips were an essential pillar in knowledge and experience transfer
- The integration of the informal sector into the industry was addressed through the establishment of an NGO

➤ Hazardous fractions

- Opportunity study and baseline assessment
- Feasibility study for investors



SUMMARY



Through all these activities, the SRI project in Egypt

has not only had an impact on e-waste management

but has also established a platform for cooperation between five Ministries as well as

Thank you