TECHNOLOGY, ENVIRONMENT AND DEVELOPMENT A COMPLEX REALITY

التكنولوجيا، البيئة و التنمية واقع معقد

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TAKE - MAKE – WASTE

Economy of the Industrial Age



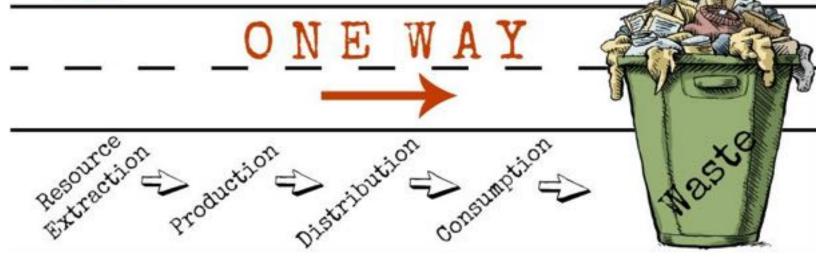




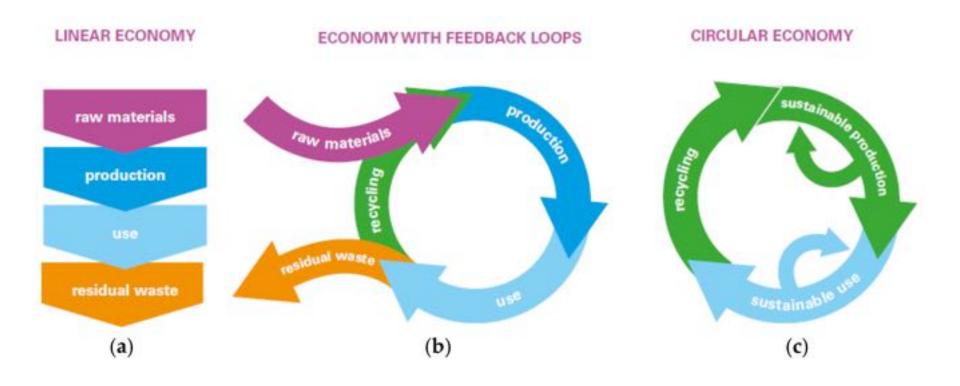


Linear Economy

Take Make Waste!



The paradigm of sustainable development has emerged as a viable alternative to the (Take – Make – Waste)



Sustainable Development



Sustainable technologies helping to construct Ecosystems in different fields



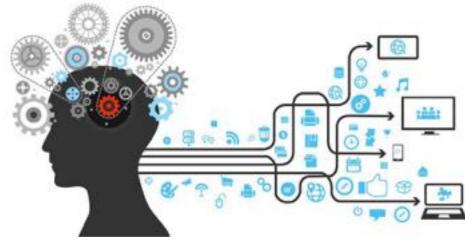
Electrical Cars





Renewable Energies

Artificial Intelligence



3D Printing





Blockchain

Big Data





The 2030 Agenda for the 17 Sustainable Development Goals and 169 targets



The Dilemma.....

Inputs needed for those technologies like Lithium, silicium, rare earth minerals ..etc

are a source of environmental degradation especially in the African Continent

Extraction of "COBALT" in Congo



40,000 CHILDREN WORK IN THE MINES OF CONGO EARNING AS LITTLE AS RS 60-150. THE COBALT THEY MINE IS USED IN YOUR SMART PHONE BATTERY

sky NEWS

Inside the Congo mines that exploit children

The Guardian

When I wake up every morning I feel temble knowing I have to come back here again.

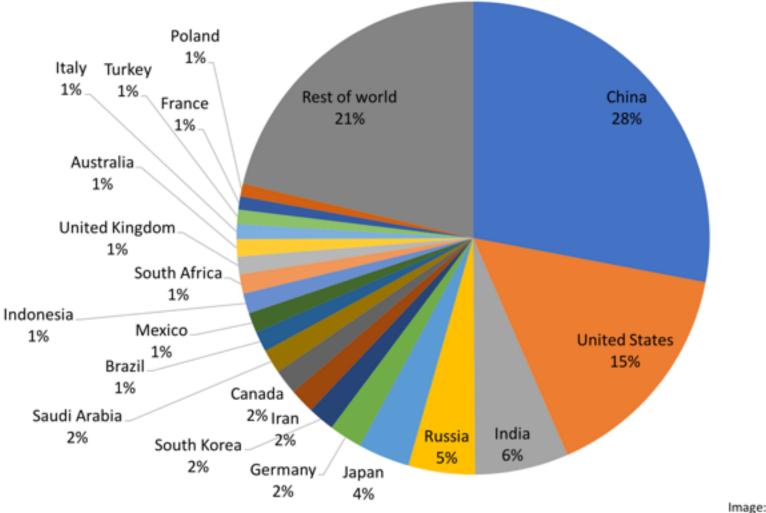


Electronic Waste Shipped from the North and buried in the sands of the Sub-Sahara



The USA, China and other economies are racing full speed ahead to maximize the use of "Fossil Fuels"

Share of global carbon dioxide emissions from fuel combustion (2015)



Data: IEA Image: Union of Concerned Scientists

The trend of environmental threat continues under the powerful business interests of multinationals

A Systemic new approach is urgently required



New mechanisms for the transfer of Green Technologies

Insufficient in the Kyoto protocol

The reduction of the duration required for Property Rights of Green Technologies

A new global governance for multinationals

- A multilateral fund for the green technologies
- South- South cooperation in environmental issues

Changing the consumption practices in advanced economies

Thank you

Sherif Delawar