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The Africa United Nations Knowledge Hub

ROLE OF THE SDG TAXONOMY (KOS) IN HARNESSING, EXPLORING, AND NAVIGATING UN KNOWLEDGE

NKOS WORKSHOP, 20TH OCTOBER 2024

Background and Context

Access to information cross-cutting on SDGs & Agenda 2063

Access to contextualized information is a development catalyst

Secretary General's Report - 71/243

- KM to improve capabilities to generate, retain, use and share knowledge & collaborative approach for a common and accessible knowledge base

Secretary General's Report - A/74/73 – E/2019/4

- "I plan to establish *strong knowledge management hubs* in each region, by pooling together policy expertise, by or across sectors, available through our almost 8,000 human assets today." (Par 113)

Leveraging on existing Opportunities

- Mandate from the SG
- Reforms – pooling of resources and comparative advantages "One UN"
  - *OIBCs Consultative process*
  - *Africa Knowledge Management Task Team*
- Wealth of UN knowledge & KM systems
- Existing KOS (UN Thesaurus, SDG Taxonomy etc.)
- Existing KM expertise within the UNDS

About The Africa Knowledge Hub

One-stop-shop to knowledge from the Africa region UNDS and member states in real-time

Powered by an intelligent federating search engine Accessing knowledge in real-time Single in 5 different languages (En, Fr, Ar, Sp, Pt)

Knowledge Resources: data, blogs, commentaries, guidelines, policies, publications, news, social media, multimedia

Collaboration space for OIBCs – Vehicle for the Regional Collaboration Platform implementation

An online interactive space facilitating consultation, networking and Peer–Peer Learning

Service layer for African UNDS vs. Autonomy in Agencies Knowledge Management Services

Vision for the Africa Knowledge Management Hub -Architecture

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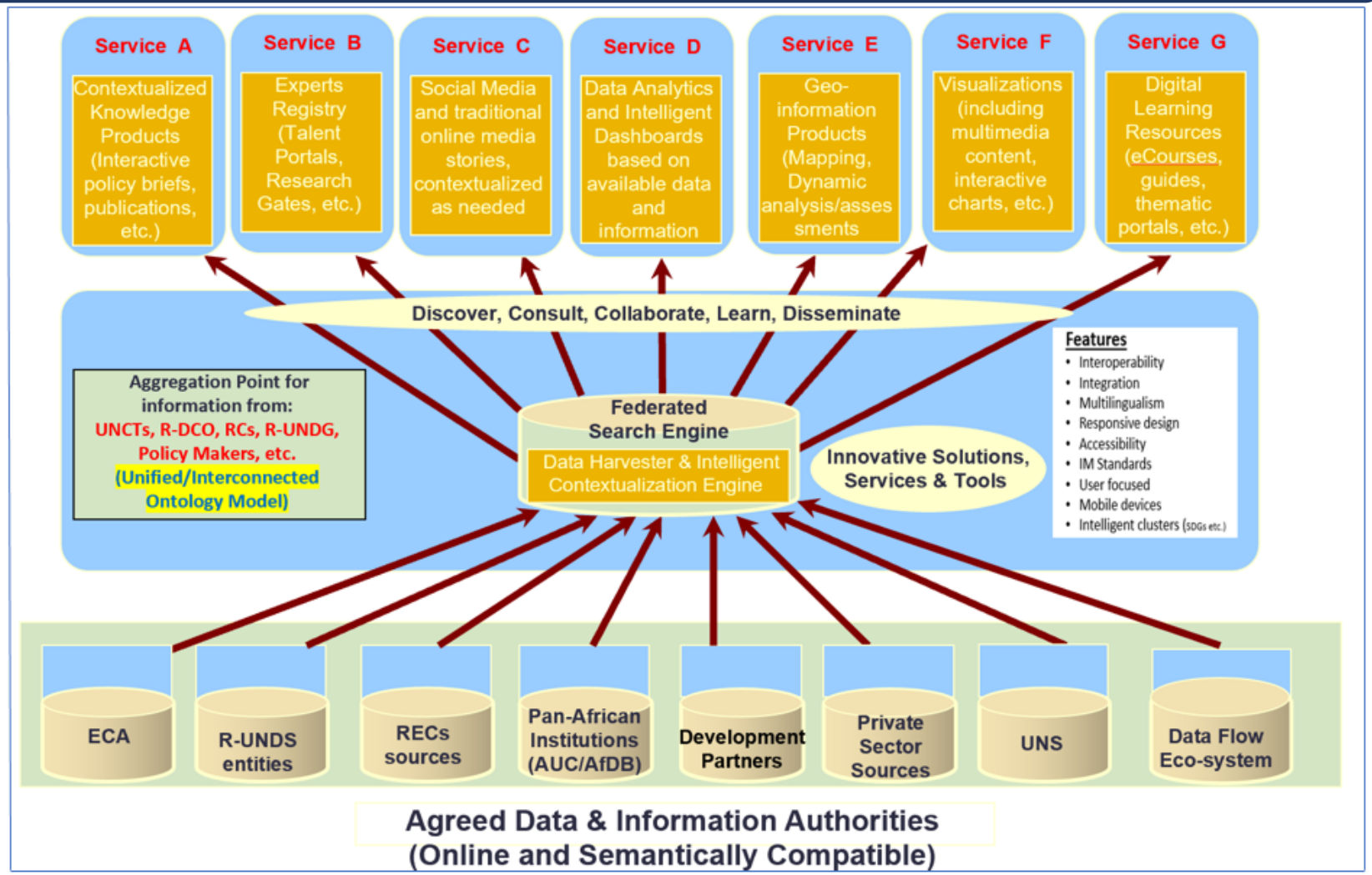

- ✓ Identify, document, disseminate and transfer *knowledge* and *expertise*
- ✓ Facilitate quick response to specific national member states requests -Agenda 2030 & 2063

Objectives of the SDG Taxonomy

Accessed @ http://metadata.un.org/sdg/?

The SDG Taxonomy is developed by the DESA, United Nations ensuring:

- a system of Internationalized Resource Identifiers (IRIs) linking the SDGs Goals, Targets, Indicators, and related data series
- a UN-wide knowledge ecosystem based on Linked Open Data (LOD) principles

The identifier facilitate use of the Semantic Web technologies:

- Facilitating accessibility, inter-operability & re-usable of SDG data and knowledge assets
- Organically discover relevant and authoritative SDG data and knowledge online
- Develop applications that integrate authoritative data, concepts and definitions e.g. *ASKIA FSE*

The SDG Ontology

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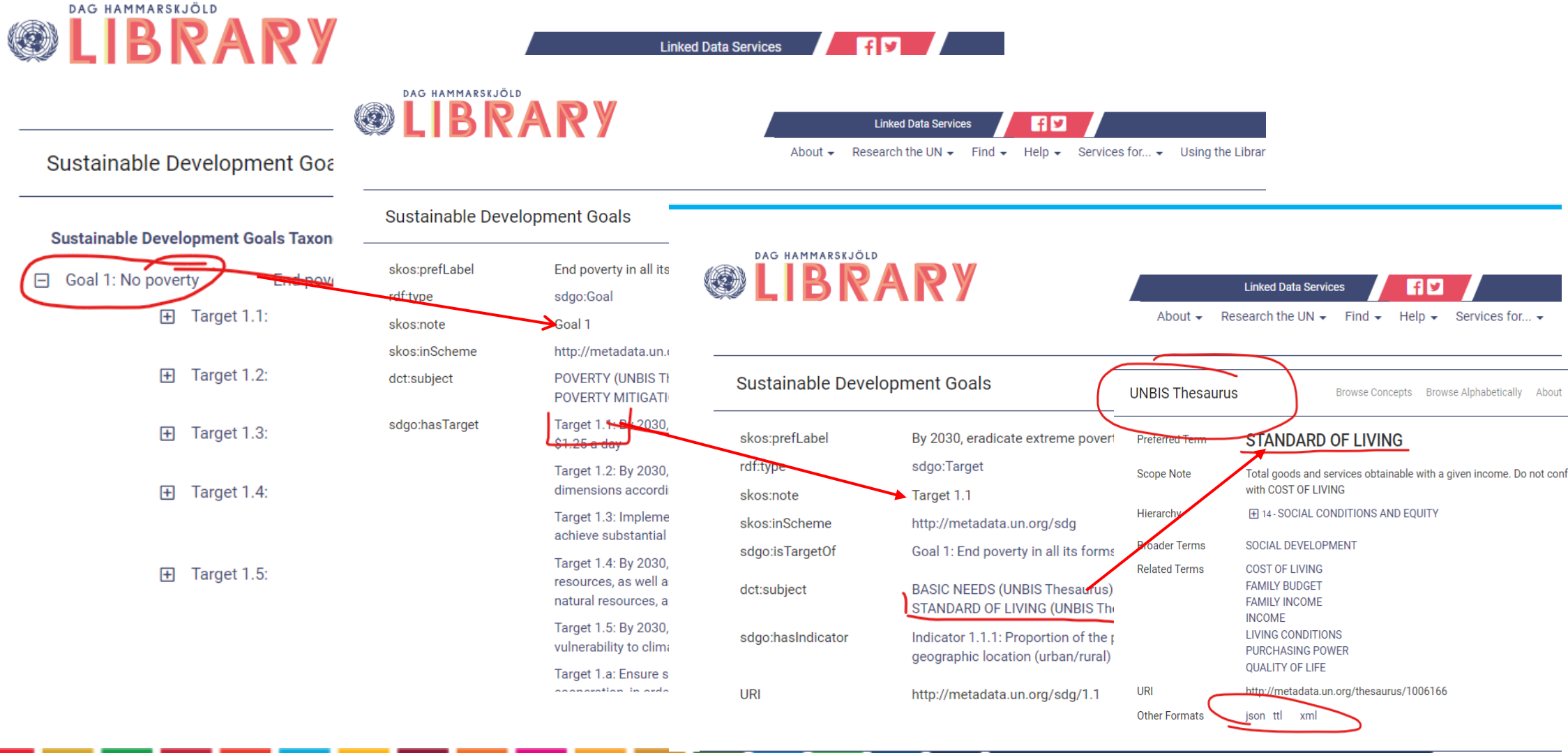
Accessed @ SDG Ontology/KOS in VoID/LIME @ http://metadata.un.org/sdg/void.ttl



Building blocks of the SDG Taxonomy

SDG 4	SDG 5	SDG 6
DEVELOPMENT FINANCE (UNBIS Thesaurus)	WOMEN'S ADVANCEMENT (UNBIS Thesaurus)	FRESHWATER (UNBIS Thesaurus)
EDUCATIONAL FINANCING (UNBIS Thesaurus)	ADOLESCENTS (UNBIS Thesaurus)	INTERNATIONAL INSTRUMENTS (UNBIS Thesaurus)
EDUCATIONAL FACILITIES (UNBIS Thesaurus)	DOMESTIC VIOLENCE (UNBIS Thesaurus)	WATER SUPPLY(Target 6.4|Indicator 6.4.1)
SCHOLARSHIPS (UNBIS Thesaurus)	GENDER-BASED VIOLENCE (UNBIS Thesaurus)	WATER QUALITY MANAGEMENT(Target 6.3|Indicator 6.3.2
HUMAN RESOURCES (UNBIS Thesaurus)	VIOLENCE (UNBIS Thesaurus)	WATER POLICY(Target 6.a|Indicator 6.a.1)
TEACHER TRAINING (UNBIS Thesaurus)	HARMFUL TRADITIONAL PRACTICES (UNBIS Thesaurus)	SANITATION SERVICES(Target 6.2|Indicator 6.2.1)
TEACHERS (UNBIS Thesaurus)	FEMALE CIRCUMCISION (UNBIS Thesaurus)	WASTE MANAGEMENT(Target 6.3|Indicator 6.3.1)
EDUCATIONAL SYSTEMS (Target 4.7|Indicator 4.7.1)	UNPAID WORK (UNBIS Thesaurus)	WOMEN(Target 6.2)

UNBIS Thesaurus Browse Concepts Browse Alphabetically About Search

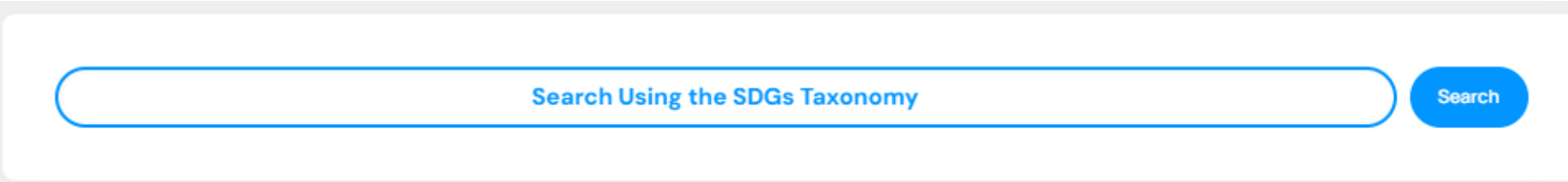
Preferred Term	WASTE MANAGEMENT
Scope Note	Before November 1991, use WASTE DISPOSAL
Hierarchy	03 - NATURAL RESOURCES AND THE ENVIRONMENT
Broader Terms	SANITATION WASTE DISPOSAL
Narrower Terms	RADIOACTIVE WASTE MANAGEMENT RECYCLING SOLID WASTE MANAGEMENT TOXIC WASTE MANAGEMENT WASTE DISPOSAL WASTE TREATMENT WASTE UTILIZATION
Related Terms	ELECTRONIC WASTE SANITATION SERVICES VALUE CHAINS WASTES
URI	http://metadata.un.org/thesaurus/1006934
Other Formats	json ttl xml

Language Equivalents

ar	إدارة النفايات
zh	废物管理
en	WASTE MANAGEMENT
fr	GESTION DES DECHETS
ru	Обращение с отходами
es	ADMINISTRACION DE DESPERDICIOS

The ASKIA Federated Search Engine

"The ASKIA FSE is an application or service that allows users to submit a **real-time** search **in parallel** to **multiple, distributed** information sources and retrieve **aggregated, ranked and de-duplicated** results."



One query…multiple distributed databases…single result set…

ASKIA FSE – Features at a glance

Contextualized Sources

Publications
Experts maps
Raw Data

Expertise

Localization

French
English
Arabic
Portuegese
Spanish

Simple & Advanced Search

Spell check
incremental
ranked
Intelligent
clusters
refinement
browse

Multi-Lingual

Translation
language of
sources

Optimization

IOS, Android,
portable gadgets

Customization

Preferences,
Citation, RSS,
email/print

Facet browsing

SDG Goals
Indicators
Author
Subject
Format

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Accessed at https://akmh.uneca.org/

Search Using the SDGs Taxonomy

Search

About Us

Africa UN Knowledge Management Hub

The Africa Knowledge Management Hub is developed by the United Nations Development System in Africa and acting as a one-stop-shop for data, information, actions, and knowledge resources relevant to 2030 global development agenda, the Sustainable Development Goals (SDGs) and other continental development agendas . The Hub harnesses information and resources from credible sources and brings together researchers and policy expertise across sectors, to easily identify and facilitate a response to emerging national needs to ultimately accelerate the implementation of the 2030 Agenda. By ensuring that no one is left behind, the objective is to build together the Africa we want.

Learn More »

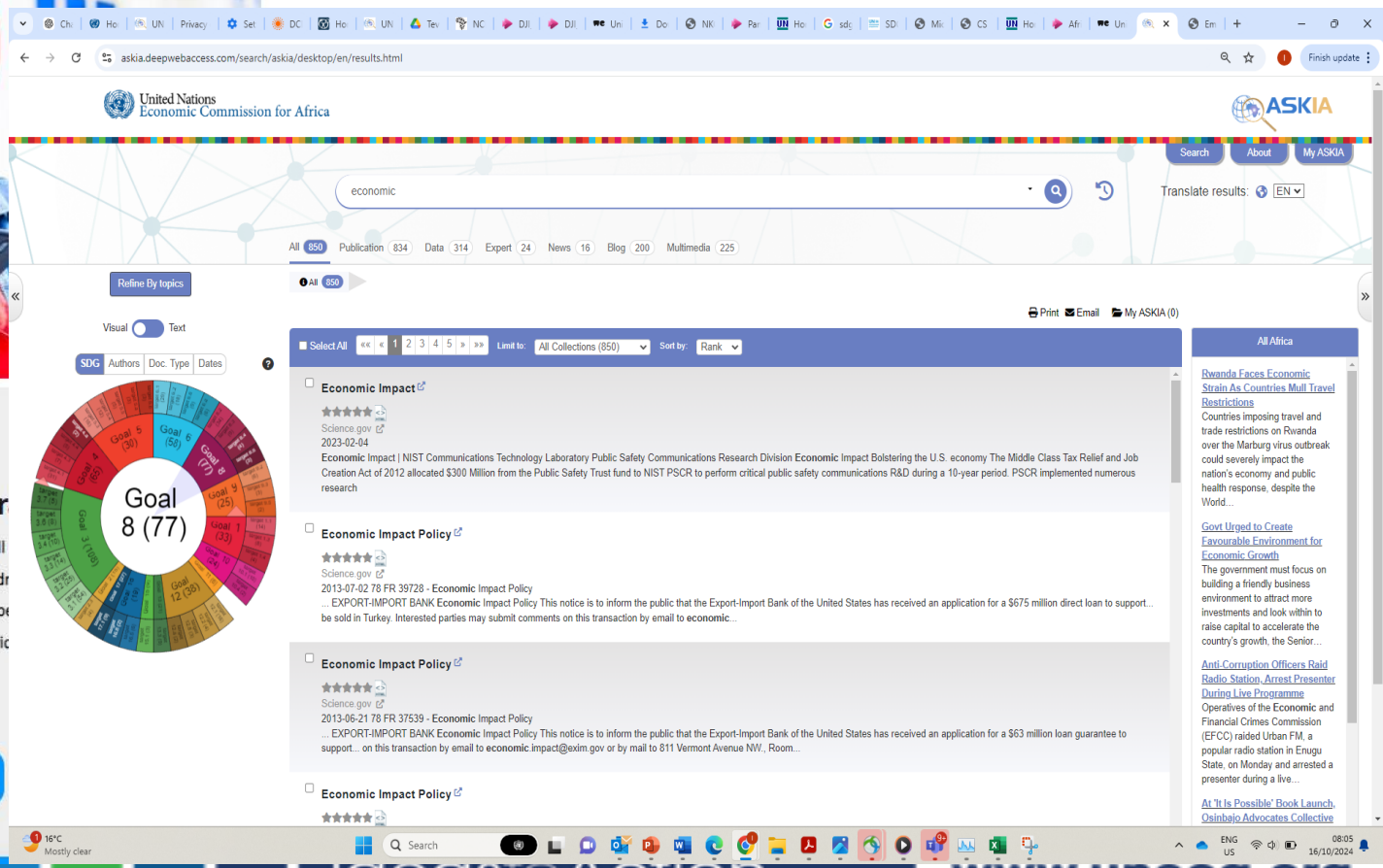
Serving as One UN

Africa United Nations Regional Collabor

The United Nations Regional Collaborative Platforms (RCP) unite all development to ensure full coordination of UN regional assets in addr country borders and effectively pool expertise at the service of the sp are chaired by the Deputy Secretary-General and co-chaired by two vic Commissions and the United Nations Development Programme.

Africa-RCP Secretariat

UNCTs-Africa



Q&A

Thank You!