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ABS PARTNERSHIP PROJECT

IT ENABLED MONITORING TOOL FOR EFFECTIVE IMPLEMENTATION OF
ACCESS & BENEFIT SHARING

The Challenge

- Most of the users of bio-resources are outside the preview of authority
- Unauthorized access to BR/GR
- No medium to track the access of BR/GR
- Minuscule benefit sharing



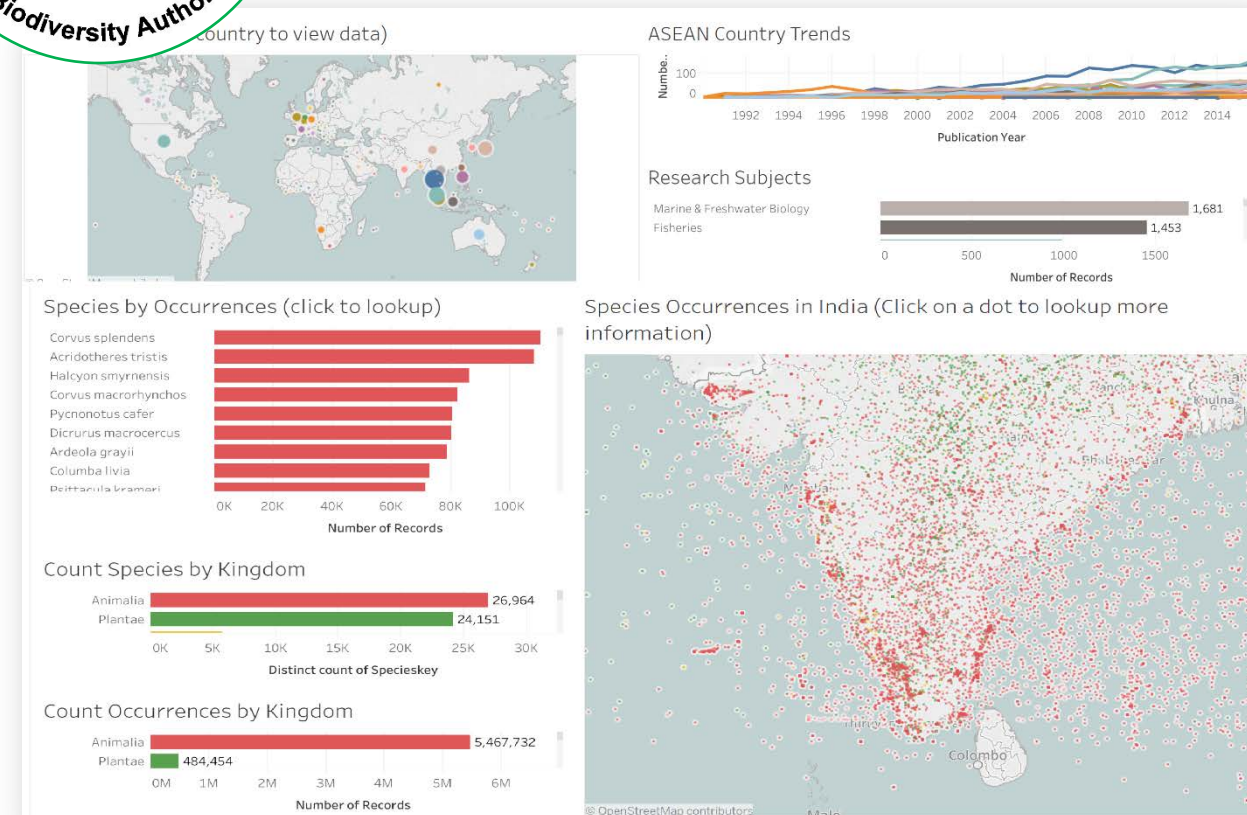
The Solution

- Under the scope of ABS Partnership Project, Develop **IT enabled Monitoring System** for tracking the use of BR & associated TK within & outside India
- Objective of the System is the monitor utilization under two scenarios:
 - Access and utilization are undertaken with approval of NBA- **Track their activities**
 - Access and utilization are undertaken without approval of NBA- **Potential Users**

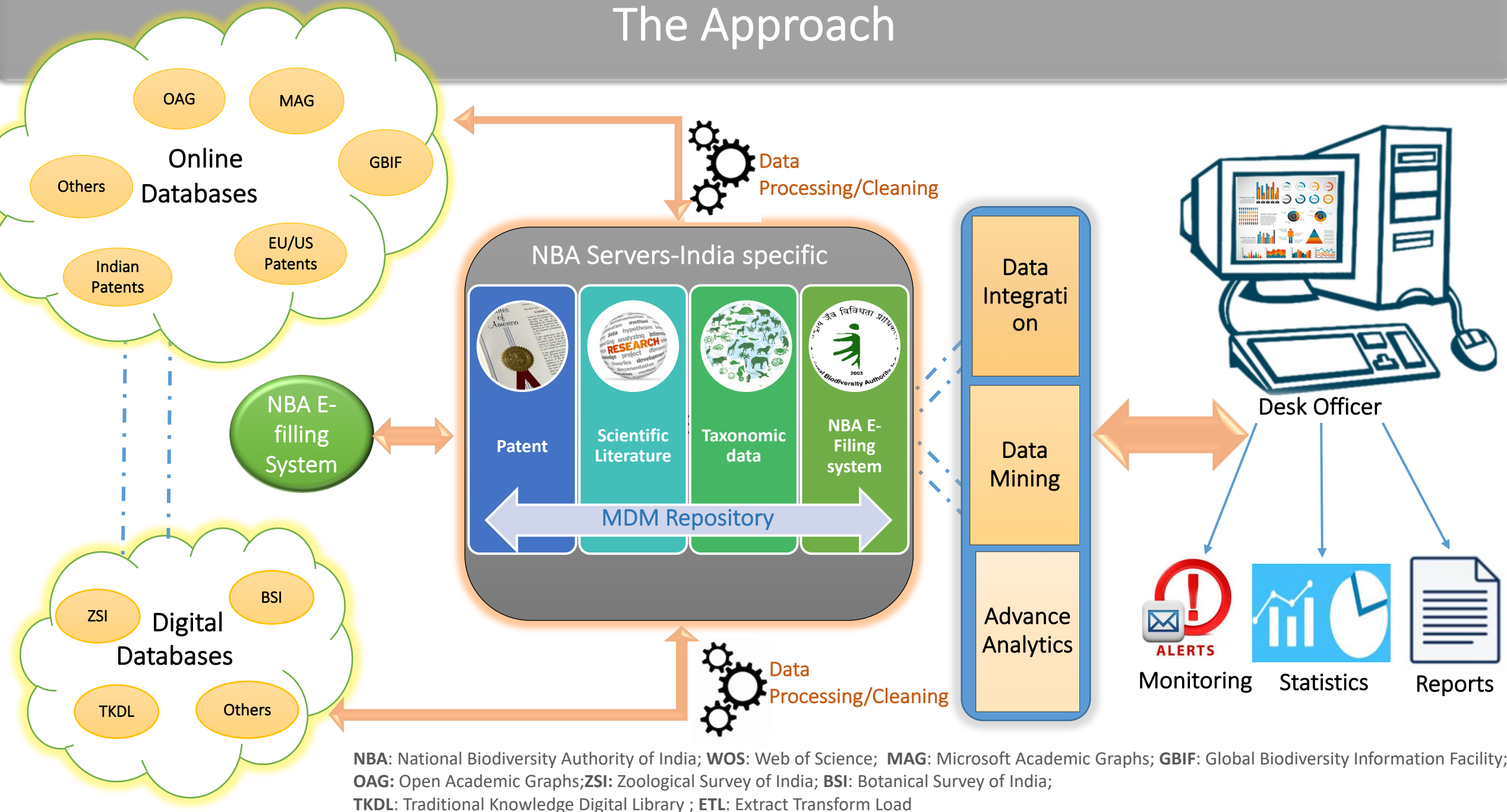


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The Approach



Key Highlights of MDM

Global Databases

116 million*
patent records

330 million*
Scientific literature

6 million*
species

MDM- IT MONITORING TOOL METADATA MANAGEMENT REPOSITORY

Patent

0.2 million*

Indian/EU/US
Patents, WIPO
etc.

patent_id,
author_uid,
title etc.

Scientific Literature

3 million*

WOS, MAG,
Crossref etc.

pub_id,
author_uid,
journal_id etc.

Taxonomic Data

60,000*

GBIF, BSI, ZSI,
TKDL etc.

DNA barcode,
identifier,
taxonomy etc.

NBA E-Filing

1000*

E Filing System,
Offline
applications

Applicant_id,
list_resource,
source etc.

* marked figures are approximate

Key features of IT enabled Monitoring System

APPROVAL NOT TAKEN FROM NBA

- ☐ Date Integration from all major data sources
- ☐ Seamless scanning of complex documents for identifying use of bio-resource having Indian origin
- ☐ Alert mechanism when non-complied access is tracked
- ☐ Scope for dynamic database update
- ☐ Generate automated reports and statistics

APPROVAL TAKEN FROM NBA

- ☐ Automatically capturing the information on users applying to NBA for access permission
- ☐ Tracking applicant's use of bio-resource
- ☐ Check whether the utilization is beyond the scope of granted permission
- ☐ Alert mechanism when non-complied access is tracked
- ☐ Interactive Dashboards

THANK YOU FOR YOUR TIME