



*Archives, Citizenship and Interculturalism*

2017

ALA-ICA

CONFERENCE

MEXICO CITY

## THE FUTURE OF RECORDS MANAGEMENT IN A SMART WORLD

28 November 2017 – 16:00-17:30

Chairman – Alison North (UK)

# PANEL MEMBERS



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Agency

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AN Information Ltd



# Introduction

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Citizen Profiling      Artificial Intelligence      Integrity      Security      Privacy  
Blockchain      Ethics      Mediatization      Analytics  
Algorithmic Decision Making      Weaponising Information

# PURPOSE

SMART WORLD

How does records management fit into a world of information created and analysed by machines?

Is there a place for the type of work we do today or are we going to be obsolete?

How do we make a transition from where we are now into the future?



What do we  
really mean by  
Records  
Management?



# RECORDS MANAGEMENT 2017 DEFINITION

Records management may be defined as the management of information, including current and non-current records, that it is considered necessary to maintain, retain, preserve through specified and unspecified periods of time and in accordance with laws regulations and standards of the countries where that information is used. It may be subject to business, organisational and historical requirements that may appear to be in conflict.

# CURRENT PROJECTS

**Appraisal and  
Enterprise Resource  
Planning System  
(ERP)**



**Rewiring Development  
Through Information**



*60 Years*

*Atoms for Peace and Development*

# Appraisal and Enterprise Resource Planning System (ERP)

## Case Study

Gabriella Ivacs, IAEA, Mexico City, November 28, 2017



*60 Years*

*Atoms for Peace and Development*

*Appraisal and Enterprise Resource  
Planning System (ERP) - Case Study*

## Definition of Provenance

It is often defined as “the organization or individual that created, accumulated and/or maintained and used RECORDS in the conduct of business prior to their transfer to a RECORDS CENTRE or ARCHIVES.”

## Definition of Record

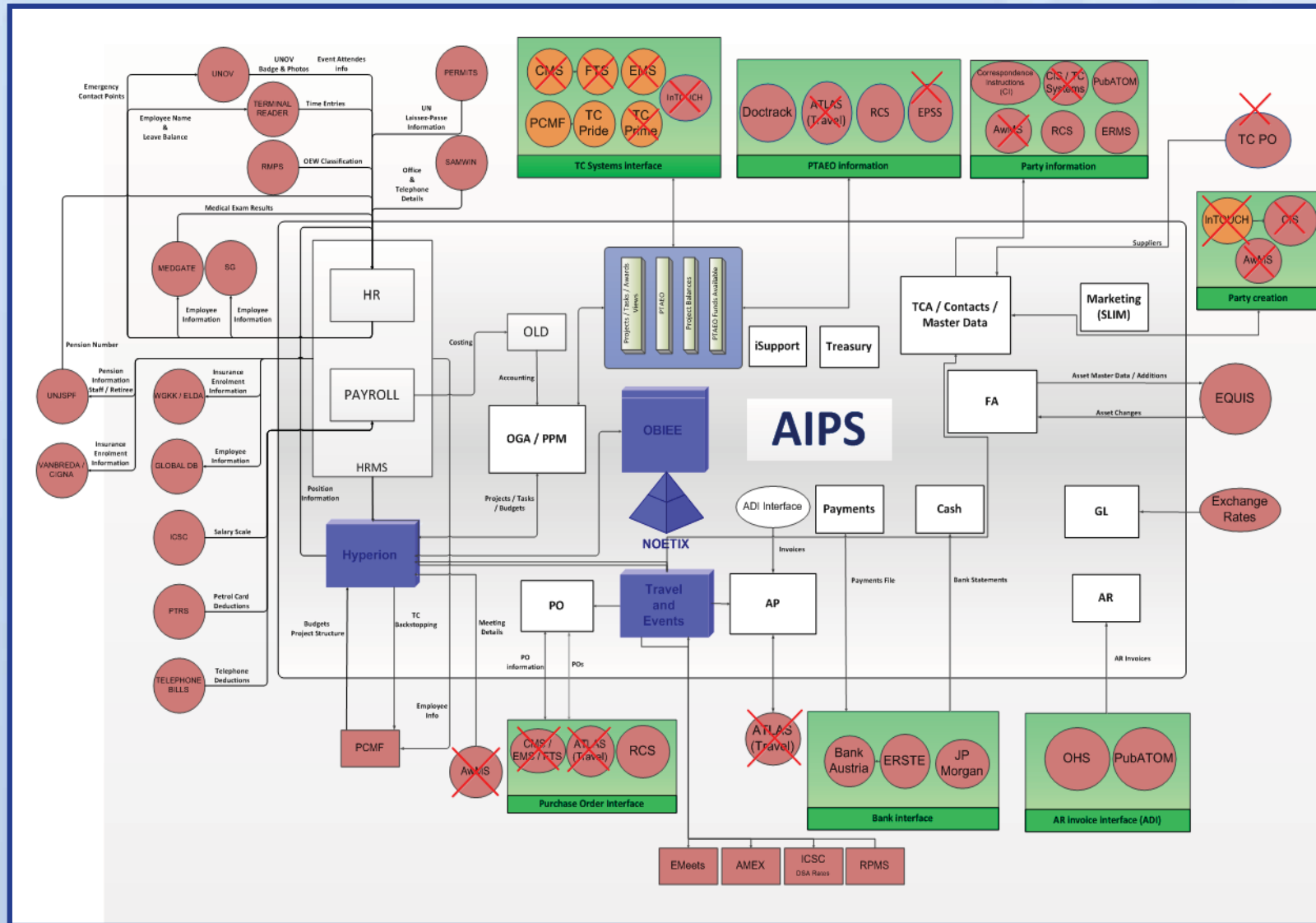
- Views records as “representations of occurrent,” using the term “occurrent” to refer to activities, steps, processes, functions, and other related phenomena. (Geoffry Yeo: 2007)
- “The record is a type of information system that serves as a persistent representation of set of beliefs about the assignment of status of actors within a certain domain of discourse when they engage about the assignment of status which is created by actors within a certain domain of discourse when they engage.” (Victoria Lemieux: 2014)

# Macroappraisal

- **Governance** rather than the structures and functions of government per se.
- **Dialogue and interaction of citizens and groups with the state** as much as the state's own policies and procedures;
- **Documenting the impact of the state on society**, and the functions and activities of society itself;
- **All media** rather than privileging written text;
- **Multiple narratives** and hot spots of contested discourse between citizen and state, rather than accepting the official policy line;

(Terry Cook:2005).

ERP Systems Integration Diagram



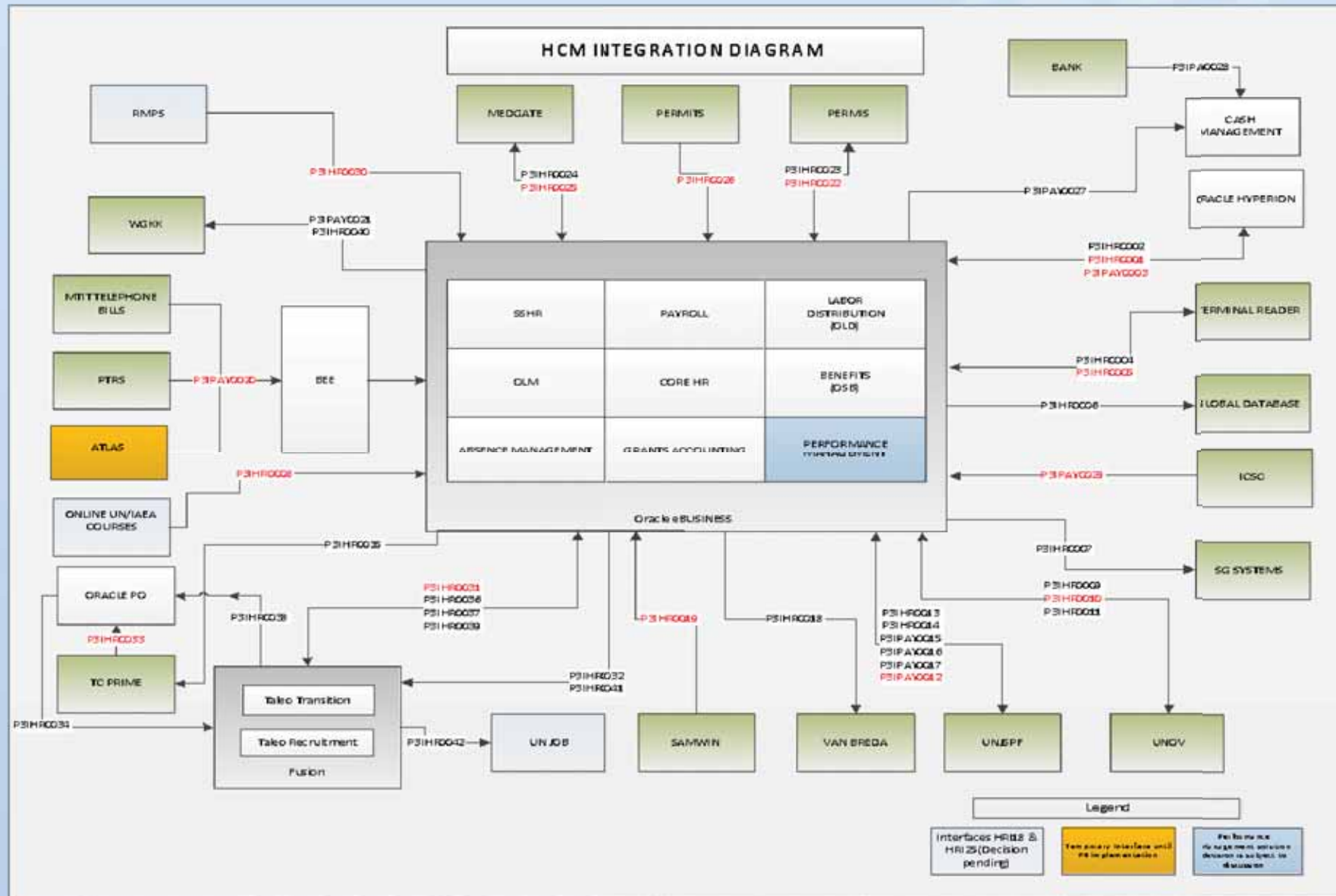


60 Years

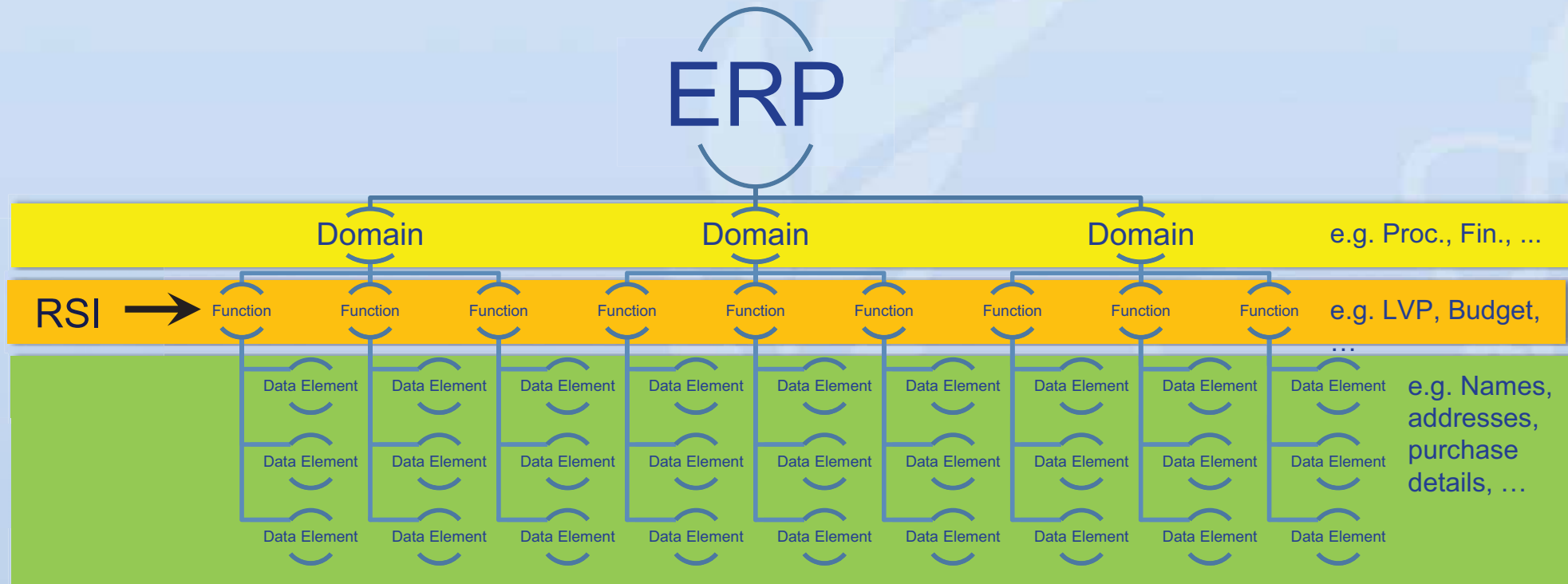
IAEA

Atoms for Peace and Development

# HCM Integration Diagram



## Appraising Procurement Records



## Data structure

Domain	Functions	Main Data Element (record)	Source	Type	Original source
Procurement	Purchasing	Purchase Requisition	Oracle	Electronic	AIPS
Procurement	Purchasing	RFQ/RFP	Oracle	Electronic	AIPS
Procurement	Purchasing	Purchase Order	Oracle	Electronic	AIPS
Procurement	Contracts	Contract	Oracle	Electronic	AIPS
Procurement	Receiving	Receipt	Oracle	Electronic	AIPS
Assets	Assets	Asset	Oracle	Electronic	AIPS
Master Data	Suppliers	Supplier	Oracle	Electronic	AIPS
Master Data	Contacts	Person Party	Oracle	Electronic	AIPS
Master Data	Contacts	Organisation Party	Oracle	Electronic	AIPS

## Example: Low-value Purchases

- Identify Data: (*Data does not have to be in one location*)

Business Process provides specific data sets used for certain functions, e.g. specifications, service provider details, purchase price, quantities, deliverables, etc.

- Create Taxonomy and/or Ontology:

Functions define data sets which are mapped to records classifications.

- Apply RSI:

Records Series Identifier (RSI): The Records retention policy is system and medium agnostic.



# REWIRING DEVELOPMENT THROUGH INFORMATION



**WORLD BANK GROUP**

Daniele Balduzzi

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28 November 2017

Mexico City

# The World Bank Group



- Established July 1944 to rebuild Europe after World War II
- Comprises 5 institutions: IDA, IBRD, MIGA, IFC and ICSID
- Provides finance and technical assistance
- Twin Goals:
  1. End extreme poverty by decreasing the percentage of people living on less than \$1.25/day to no more than 3%
  2. Promote shared prosperity by fostering the income growth of the bottom 40% for every country

# The World Bank Group

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**10,000+**  
Staff from 174  
countries

**189**  
Member Countries

**+120**  
Offices Worldwide



# Rewiring Development Through Information

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Some current or recent Records & Information Management initiatives at the WBG:

- Blockchain Lab
- Bots & Automation
- Data Hub
- Digital Signatures
- Digital Vault
- Exploring Capstone
- Intranet Lifecycle Management
- **Semantics & Text Analytics**

# Semantics & Text Analytics - Now

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The goals of this initiative are:

1. Make the WBG knowledge more accessible by automating metadata gathering and metadata enrichment;
2. Help discover information buried in unstructured content;
3. Enable extraction of semantic relationships among elements that appear in different context.





# Rewiring Development Through Information

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## Conclusion

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# Records Management

Curating the past, preserving the present, looking at the future...





# FUTURE THINKING

## Different Lenses

- **Privacy**
- **Security**
- **Health and Safety**
- **History**
- **Technology**
- **Legal**

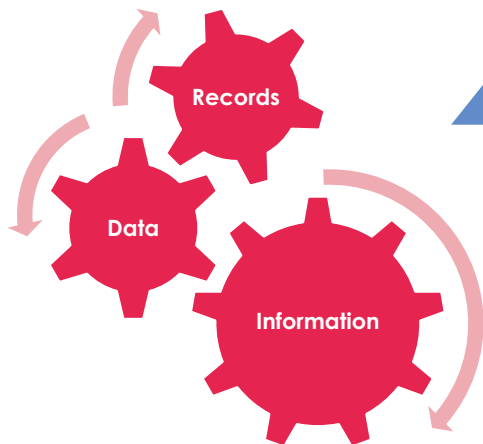
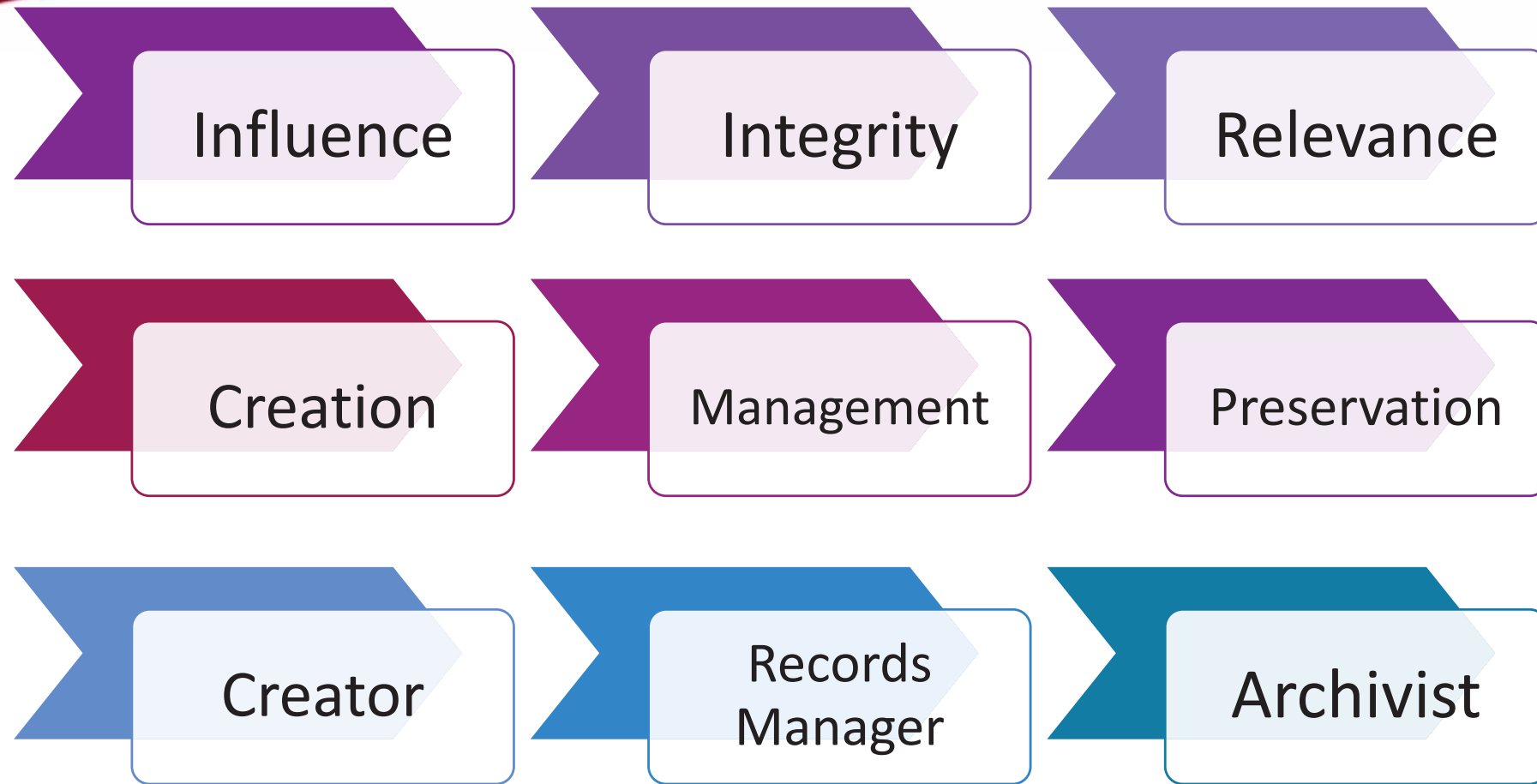
## Different Perspectives

- **Profit**
- **Power**
- **Propaganda**
- **Social responsibility**

## Different Times

- **Citizens**
- **Governments**
- **Businesses**
- **Criminals**

Simplified view of the immediate future of Information and RM\*



***Technology - Analytics | Research - Development***

***Regulations***

***Social Responsibility - Collaboration***



DISCUSSION TIME

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**THANK YOU**