

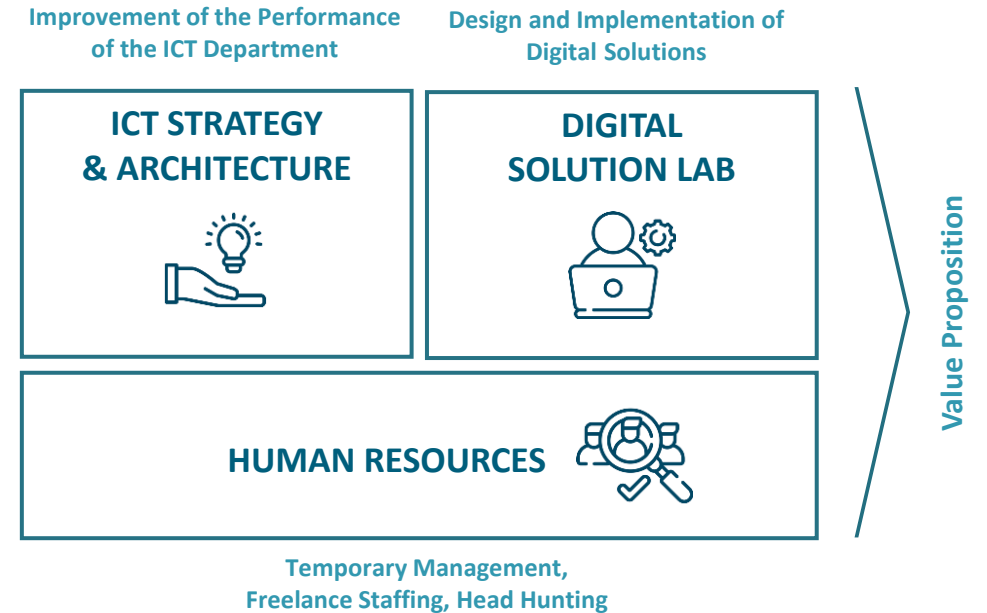
Purpose, Scope and Applicability of Data Strategy

2022

Company Profile

ISA Digital Consulting is an independent company, founded in **1994**, specialized in ICT Strategy & Architecture, Digital Solution and Human Resources. **ISA provide both ICT Consulting Services and Digital Solution to organizations to improve the quality and value of ICT services.** Constituted and managed by Managers and Consultants from the main International IT Management Consulting Companies, ISA operates in **Italy** and **Europe** (with active projects with the European Commission, the Cyprus Government, the UN, etc.)

With an average of about **100 professionals** employed over the last 3 years, ISA success is based on the quality of its human resources, the gender balance in our management team and the attention paid to the clients in terms of satisfaction, reliability, and response times.



Data Strategy is part of the **ICT Strategy & Architecture** services.

Purpose, Scope and Applicability of Data Strategy

Data is a shared and highly valuable asset for organizations. It has become critical to provide a strong data Strategy by having visibility and control over it in order to deliver its best business value. To achieve data quality and security, data Strategy helps organizations to implement the right processes and ownerships.



What ISA can do for you

Our Data Strategy services are intended to provide you with a data classification (based upon sensitivity) process to where the data is being stored. Data surveys are conducted to provide metadata that identifies where data originates, where it resides, how the access to it is restricted. The services provides guidance for developing Data Strategy and management programs to address gaps and safeguard enterprise assets, resources from evolving data security threats.

Data Strategy Objectives



Align data definition

Develop a common understanding of data across all services and business branches



From “controlling” to “managing” data

Organizations must adapt to change operating models from just “controlling” towards more managing the “data”. Data Strategy is not only about maximizing the value of data for operational effectiveness, decision making and regulatory requirements, but also about minimizing the risks associated with poor data management



Improve Data Quality

Improve the quality of shared data for better inter service collaboration



Accelerate Digital Transformation

Accelerate the implementation of the digital transformation



Simplify business processes

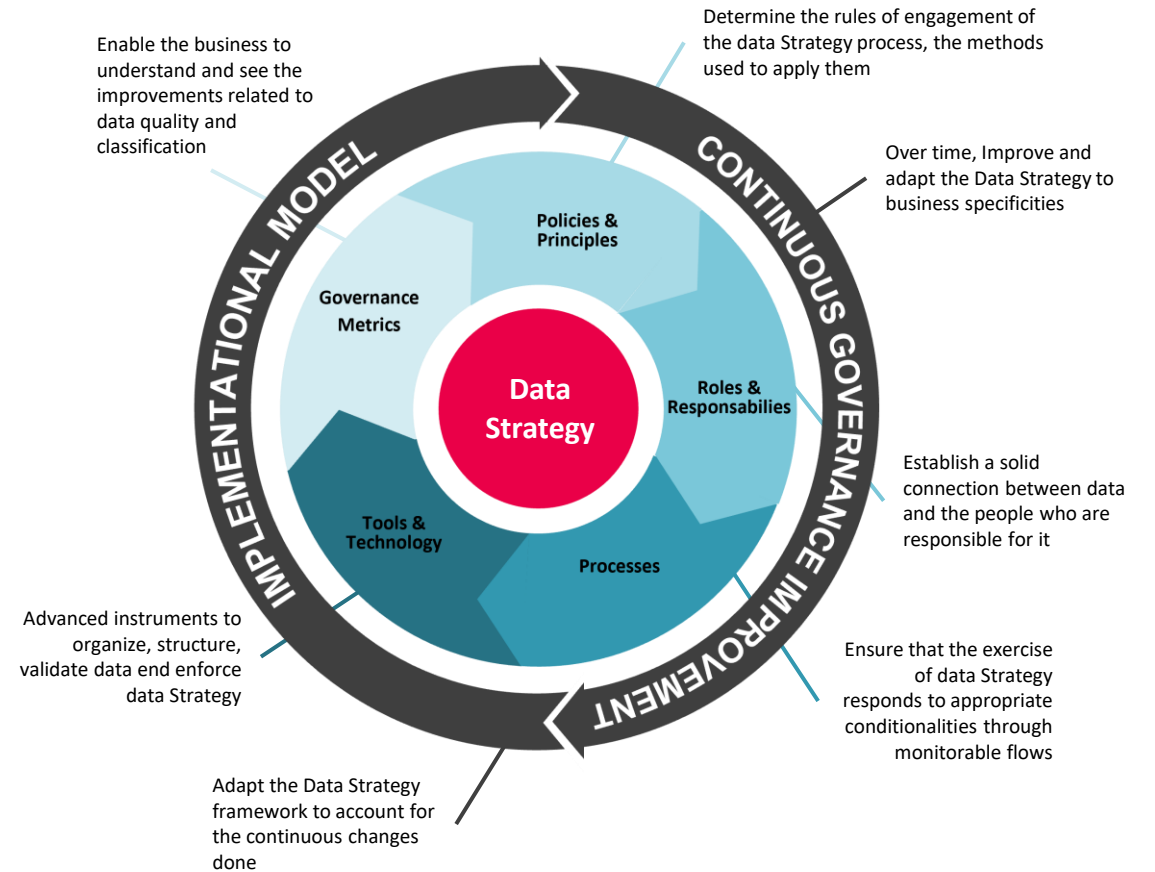
Simplify business processes and implement a common data source to facilitate clear and commonly accepted reporting

Our guidelines to Data Strategy

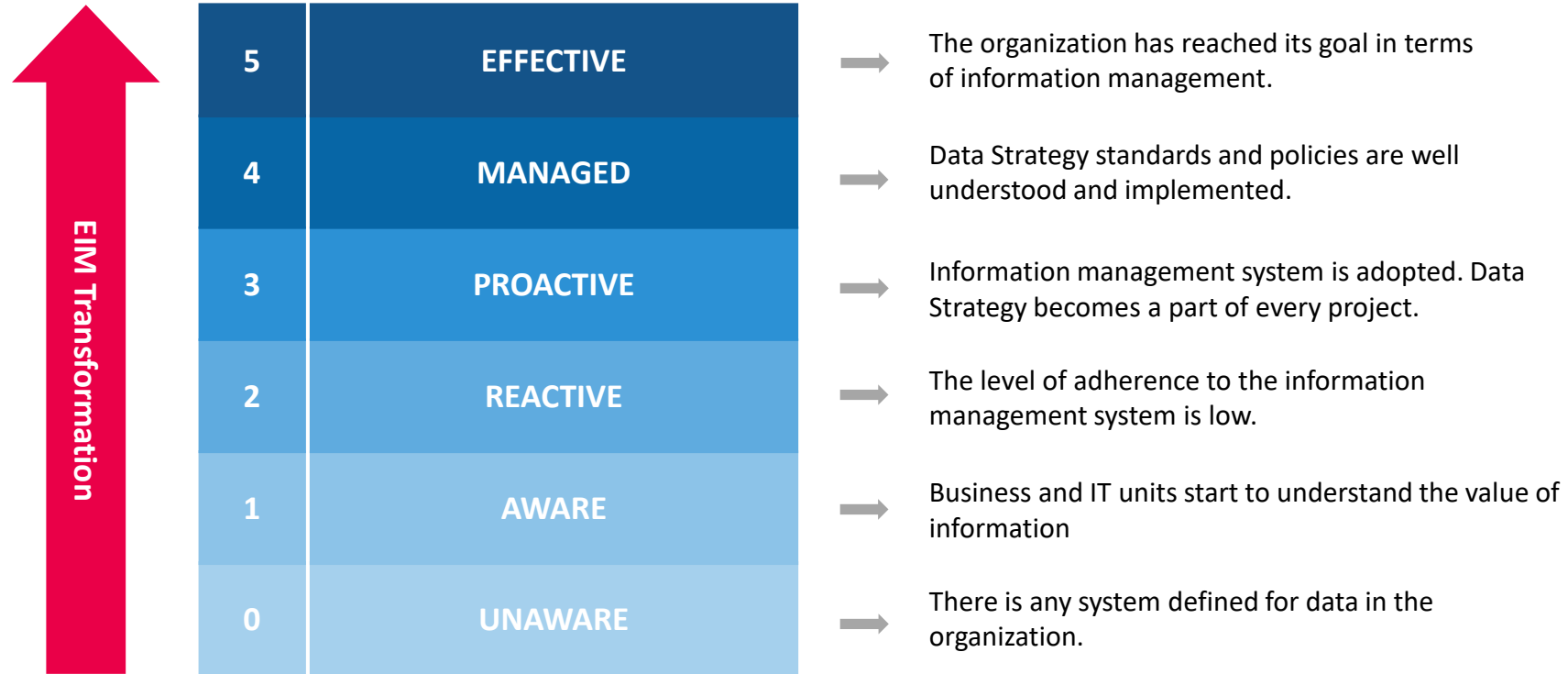
Our comprehensive Data Strategy services establish a standardized framework for enterprise Data Strategy and data management, data discovery methodology, data classification standards and methods, data-level access control rules and permissions, continuous data monitoring and reporting standards.

A formal framework helps to **define a Data Strategy strategy** and **embed all the Data Strategy elements in an organized and structured way.**

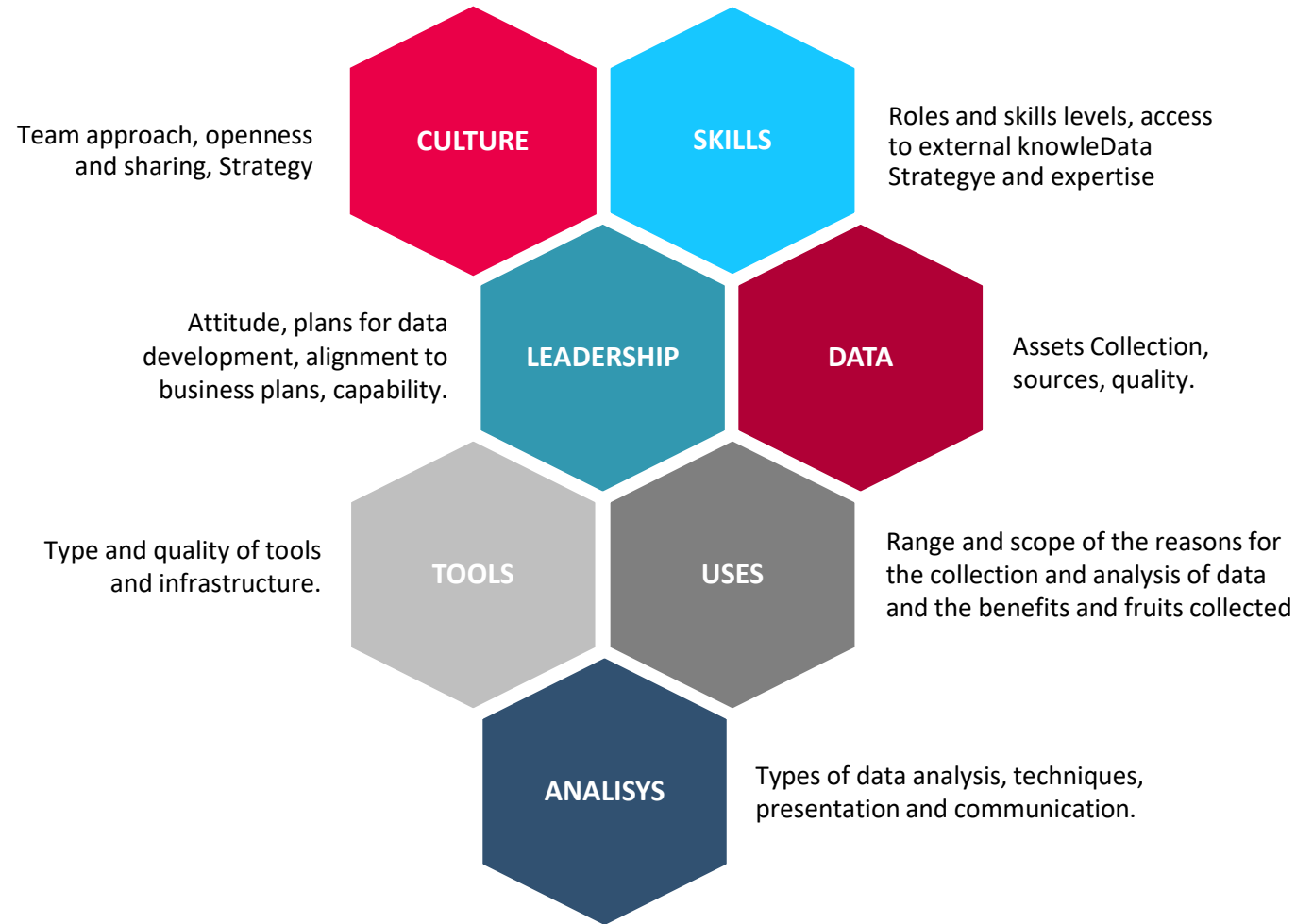
Continuous improvement processes ensure a sustainable Data Strategy function. The Data Strategy framework is foundation to efficiently create rules, ensure that rules are being followed, and to deal with non-compliance, ambiguities and issues.



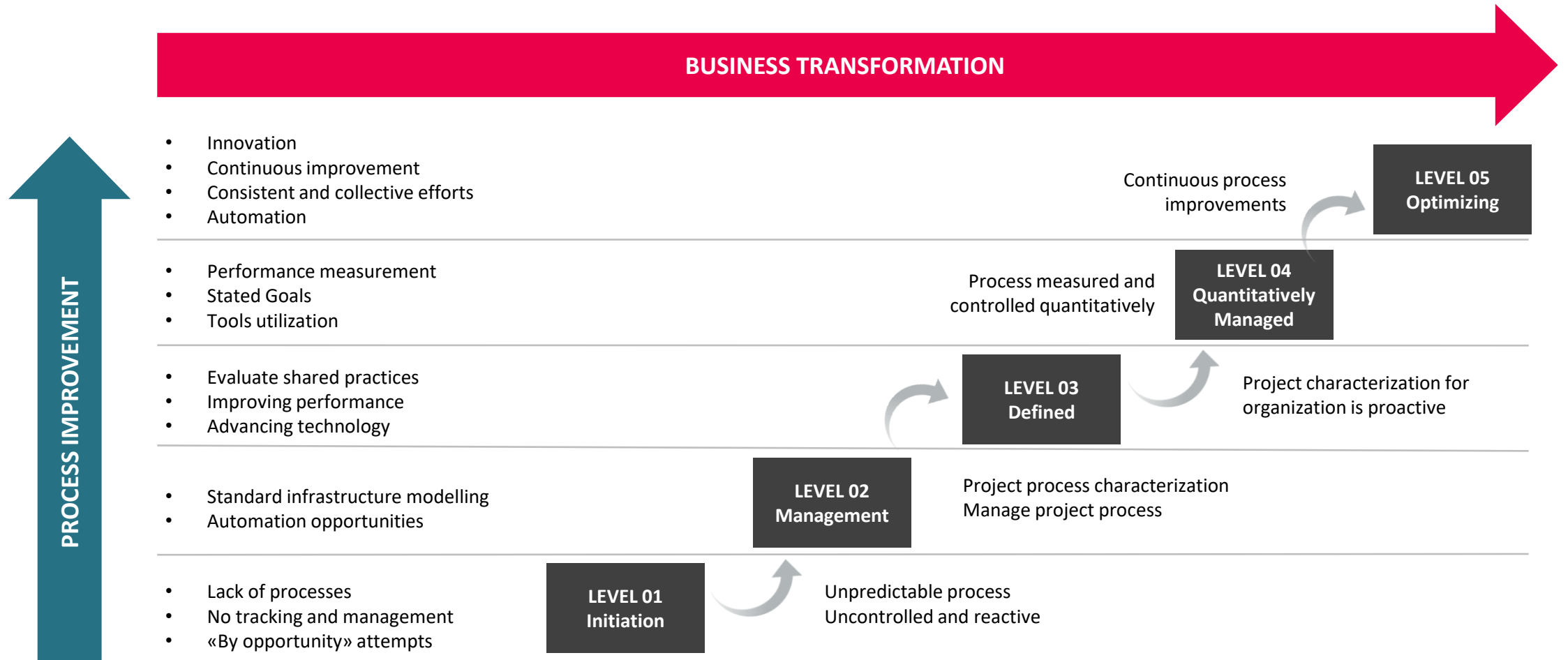
Data Strategy Maturity Model



Key factors on the way to Data Maturity



Data maturity connected to the process of business transformation



Our main Data Strategy projects

International fuel marketing company

Data Strategy Program

Data Maturity Assessment

- Definition and mapping of the datasets and data models
- Analysis and description of the corresponding business processes and workflows, and of the connections between business processes/workflows and related data
- Identification of data exchanged between datasets and data models inside the organization (between offices and departments) and outside, with partner organizations
- Identification and reporting of relations between key challenges and impacted areas for Data Maturity, of maturity levels for key factors of Data Maturity and of improvement tasks and options for Data Maturity

Enterprise Data Strategy

- Strategic roadmap – high level
- Program roadmap – Mid-level
- Working roadmap (higher level of granularity) - Detailed level based on program roadmap
- Strategic roadmap

Court of Justice of the European Union

Data Strategy Framework

- Drafting of a Data Strategy plan (Data Strategy Workbook) including Guidelines, Organizational Model, Process Framework and Metrics, based on a previous Data Maturity Assessment

Italian oil and gas corporation

Data Architecture and Data Migration

- Architecture, based on Oracle and DataStage, of the Data Repository software, a tool that enriches the accounting flow coming from SAP (preparatory to the Excise Declaration) with aggregate information useful for the cost accounting processes examined with a set of reports set up via SAP BO.
- Data migration from the old backend of EGL applications and services in the CRM field (Siebel) to the new CRM platform based on Dynamics365