# UNE STANDARDS FOR PROPER DATA GOVERNANCE

## 1. DATA QUALITY MANAGEMENT

**ISO 8000:** frameworks for improving data quality. **Includes**:

- ISO 8000-1, ISO 8000-2 and ISO 8000-8: General concepts of data quality.

- ISO 8000-6: data quality management processes:

- ISO 8000-60: overview.

- ISO 8000-61: reference model of management processes.

- ISO 8000-62: application and maturity assessment of organisational processes.

- ISO 8000-100 to ISO 8000-150: inter-organisational master data exchange.

- ISO 8000-311: guide for the application of product form data quality.

**ISO/IEC 25012:** general quality model applicable to data stored in a structured form in an information system.

**2. QUALITY MEASUREMENT**

**ISO 25024:** System and software quality requirements and evaluation (SQuaRE).

**3. DATA GOVERNANCE**

**ISO/IEC 38505-1:** Data governance framework and a data accountability map that identifies the areas of the organisation where data governance should be applied.

**ISO/IEC 38505-2:** Implementation of ISO/IEC 38505-1 providing guidance on data governance.

**4. CROSS-CUTTING STANDARDS FOR DATA SECURITY AND PRIVACY**

**4.1. Information Security:**

**ISO/IEC 27001:** ISMS (Information Security Management System) requirements.

**ISO/IEC 27002:** ISMS code of practice.

**ISO/IEC 27018:** PII (personally identifiable information) in the public cloud.

**4.2. Privacy and Data Protection:**

**ISO/IEC 27701:** IPMS (Information Privacy Management System) requirements.

**ISO/IEC 29100:** privacy framework.

**ISO/IEC 29151:** protection of personal information. Code of practice.

**ISO/IEC 29134:** Privacy impact assessment.

**ISO/IEC 20889:** privacy-enhancing data de-identification techniques.

**4.3. Security and Privacy by Design/Defect:**

**PNE-prEN 17529:** data and privacy protection by design and by default.

**ISO/DIS 31700:** consumer protection. Privacy by design for consumer goods and services.