

# Understanding the data we have

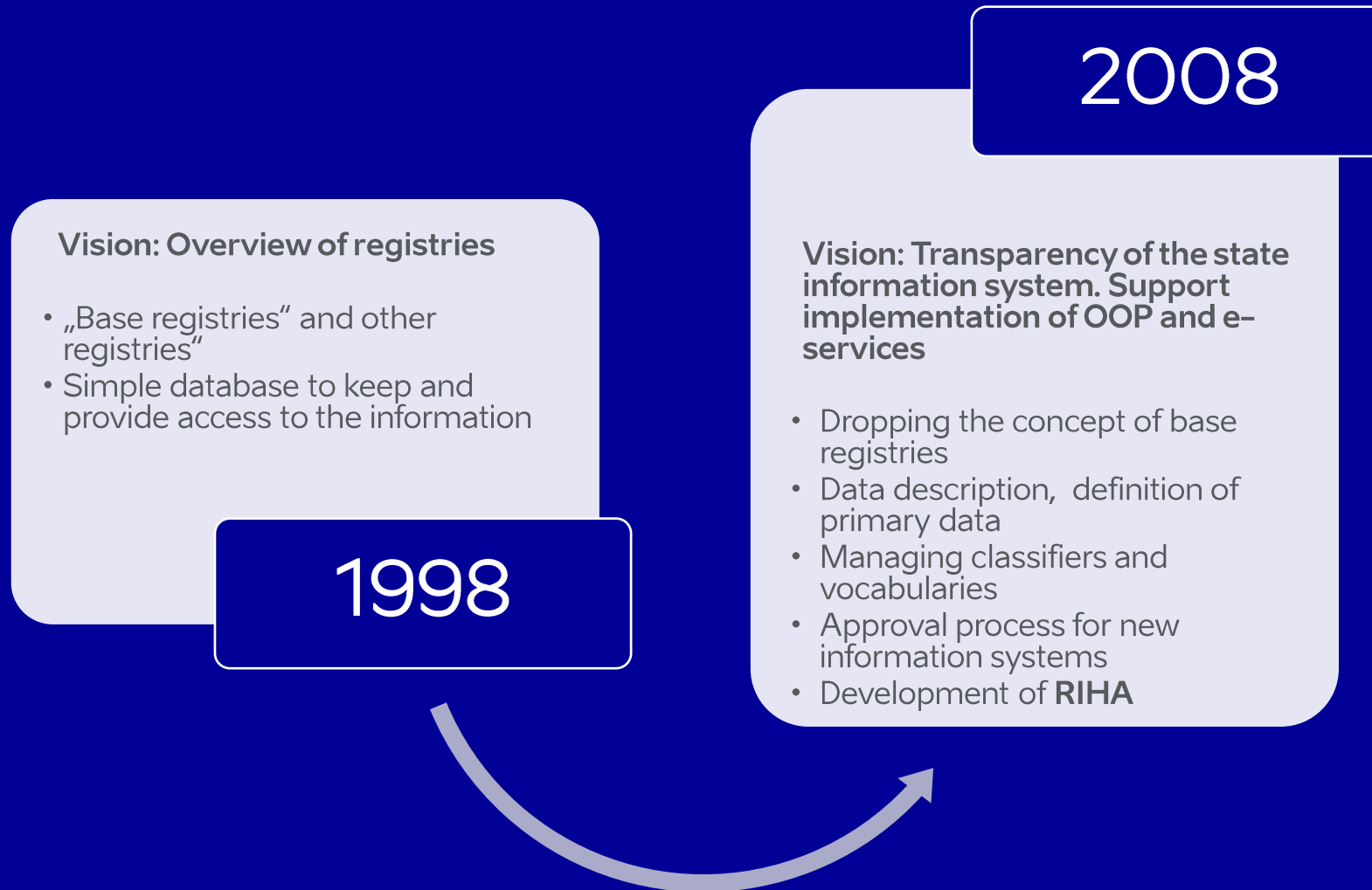
estonia

## The Estonian way of A(B)R

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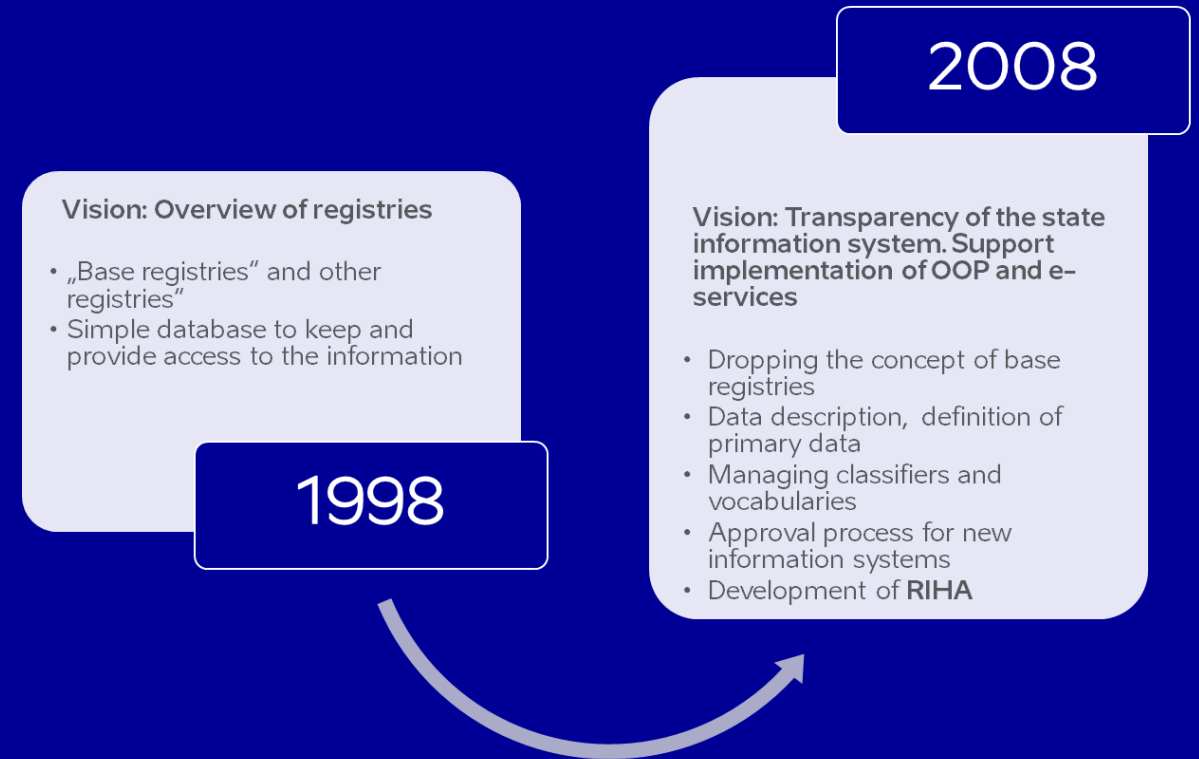


# History

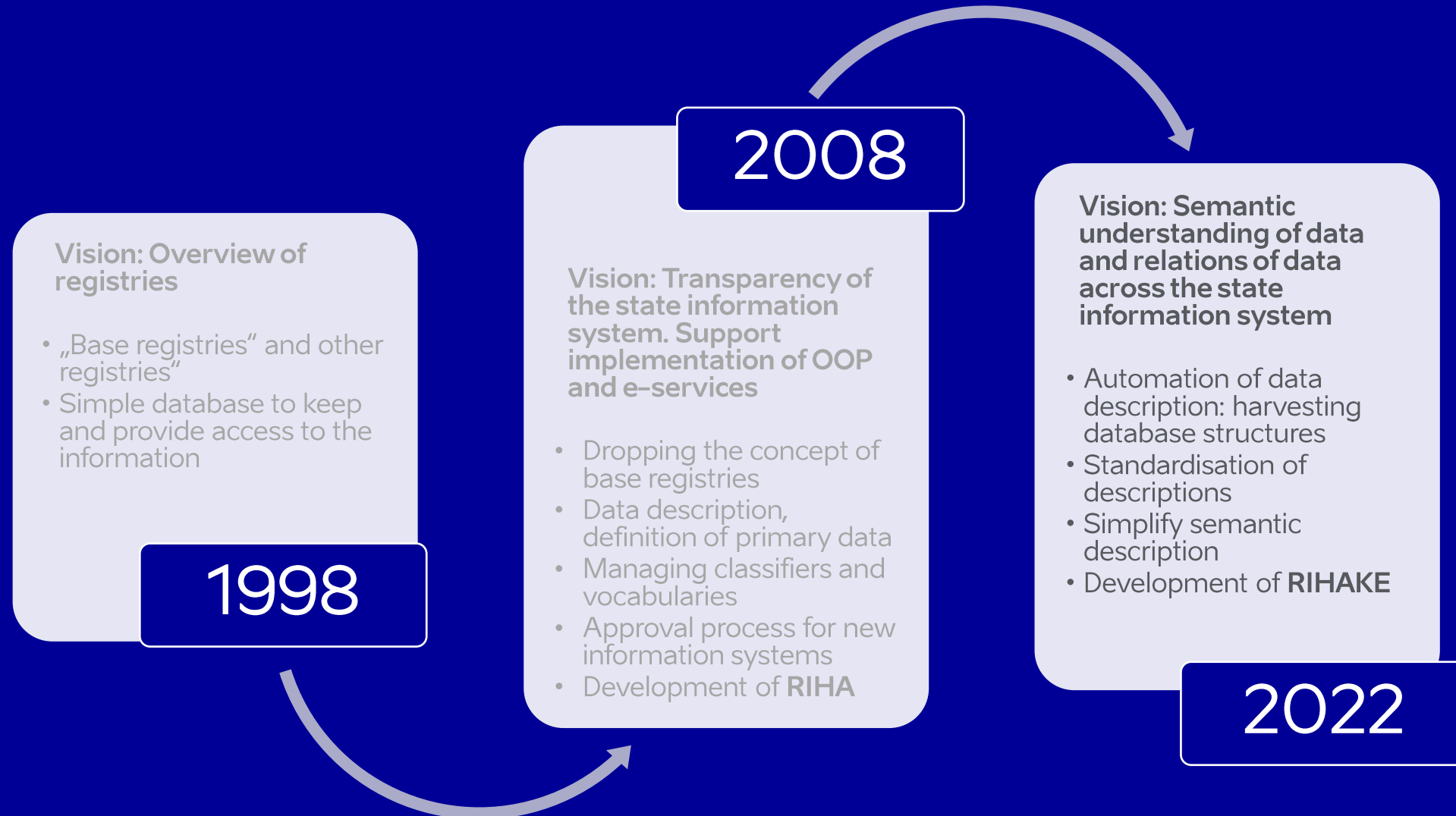


# RIHA 2022

- + More than 1300 information systems described in RIHA
- + Update of descriptions is manual (and many agencies don't bother..)
- + Agencies lack the interest and skills to develop and maintain semantic assets (vocabularies), and to reuse these in data description
- + **RIHA data quality is low, descriptions are often out of date**

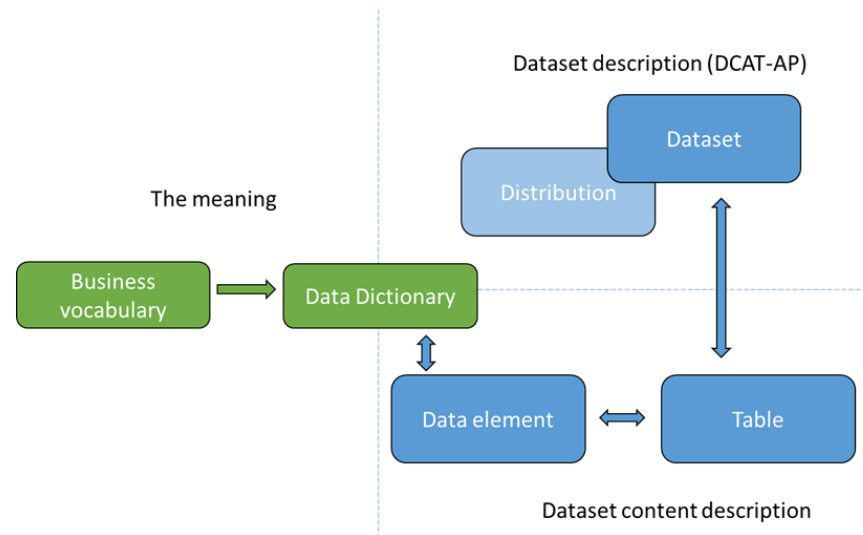


# RIHAKE: the concept



# Key capabilities of RIHAKE

- + To be installed at agencies
- + Create dataset descriptions according to DCAT-AP 2.1.0
- + Establish a connection to a relational database and harvest data descriptions (tables, data elements)
- + Upload (or create) and manage business vocabularies
- + Maintain an inventory of classifiers
- + Connect data elements to business terms and classifiers
- + Send all descriptions to RIHA



The screenshot shows the RIHAKE web application interface. On the left is a blue sidebar menu with the following items: 'Kitsendan menüü', 'Avaleht', 'Andmestikud', 'Sõnastikud', 'Klassifikaatorid', and 'Haldus'. The main content area is titled 'Avaleht' and shows a user login section with 'Kasutaja: Ly Test' and 'Organisatsioon ja roll: Riigi Infosüsteemi Amet | andmehaldur'. A 'Logi välja' button is in the top right. Below the login section, there is a form for 'Andmestiku metaandmed'. The form includes fields for 'Andmestiku nimetus RIHAs' (set to 'Riigi infosüsteemi haldussüsteem (riha)'), 'Lühinimetus' (set to 'test-riha'), 'Nimetus' (set to 'Riigi infosüsteemi haldussüsteemi testkeskkond'), and 'Kirjeldus' (set to 'Riigi infosüsteemi haldussüsteemi eesmärk on riigi infosüsteemi haldamise lähinaistvuse tanamine riigi infohalduse planeerimine ning...'). At the bottom, there is a footer with the RIHAKE logo, version '0.0.1', and contact information: 'Vajate abi? Kirjutage meile: help@ria.ee'. Logos for the European Union and the Estonian Government are also present.

# Skills and competencies

- + Extensive training programs for data managers in 2021 – 2022
- + Data Governance Centre of Excellence established in early 2022 (Statistics Estonia)
- + National Data Governance Board to be established by July 2022





# Potential next steps

- + Further standardisation
  - + Data element description, data dictionary, business vocabulary
- + Extensions to RIHAKE and RIHA
  - + Services (CPSV-AP, DCAT-AP)
  - + Access conditions (incl. connection to „data reuse approval service“)
  - + Data quality assessments (BRegDCAT-AP)
  - + Connection to datasets and distributions in national open data portal
  - + Implementation of data lineage, support for data warehouses
- + **No national standards – collaborate with similar initiatives abroad!!!**



# Thank you!

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