

D2.1 PRE-PILOTING DIAGNOSTICS & NEEDS

D2.1 establishes the **baseline understanding** required for EXCENTRIC to design human-centred, collaborative data ecosystems across six pilot organisations. It provides the **shared vocabulary, situational awareness, and strategic grounding** for subsequent work.

DIAGNOSTICS ANCHOR DESIGN, DEVELOPMENT, MENTORING, & EXPERIMENTATION

4 STEPS

THE DIAGNOSTIC APPROACH

The methodology combines **qualitative inquiry, values-oriented facilitation**, and **structural maturity assessment**.



ONLINE INTERVIEWS

Mapping organisational structures, decision-making, data practices, ecosystems, and challenge definitions.

FOLLOW UP INTERVIEWS & DESK RESEARCH

To refine challenge scope, clarify data-sharing possibilities, and explore contextual constraints (technical, legal, organisational).



ON-SITE WORKSHOPS

Using Value-Sensitive Design (VSD), value warm-ups, stakeholder and operational-flow mapping to surface processes, tensions, and data flows grounded in lived organisational realities.

DIGITAL MATURITY ASSESSMENT

Two instruments::

- **BenDRMarking Survey** (governance density, alignment, "phantom zones")
- **Digital Maturity Assessment** (operational confidence, blind spots, domains of consistency/silos) followed by sense-making workshops.



THE CORE AMBITION ACROSS PILOTS

Although operating at different scales and in different contexts, the six pilots share a **common ambition**:

→ TO WORK WITH DATA IN WAYS THAT STRENGTHEN RELEVANCE, ENGAGEMENT, AND ORGANISATIONAL OR SOCIETAL VALUE.

ROMA EUROPA FOUNDATION

ROMAE understanding audience loyalty and social value

COMPUTER HISTORY MUSEUM

DRM interpreting cultural tastes and qualitative patterns

OULU CULTURE FOUNDATION

OULU enabling real-time operational coordination for complex cultural ecosystems

KRAKOW FESTIVAL OFFICE/EFA

KBF assessing social impact and informing programming through indicators

DORTMUND THEATER

DT/ATD developing value-aligned, non extractive performative data practices

CULTURAL TREND LISBON

CTL embedding diversity and accessibility into programming

UNDERSTANDING DATA SHARING

THIS REFLECTS LEGAL, ETHICAL, ORGANISATIONAL, AND CONTEXTUAL CONSTRAINTS, AND ALIGNS WITH A FEDERATED, DECENTRALISED APPROACH SUCH AS SOLID PODS.

The deliverable emphasises that **sharing rarely means exchanging raw datasets**. Instead, pilots foresee sharing:

- Simulation data
- Aggregated insights
- Indicators, trends, derived values
- Methods and interpretive frameworks
- Analytical structures and workflows

IDENTIFIED CROSS-PILOT PATTERNS

Fragmented Technical & Organisational Infrastructures

→ data is stored in multiple systems, with uneven interoperability and undocumented workflows.

Diversity of Starting Conditions

→ differences in scale, mission, resource availability, and sector position shape readiness for collaborative data practices

Governance & Policy Visibility Gaps

→ low awareness of existing digital policies; inconsistent or unclear responsibilities regarding data protection, IP, AI ethics

Data Practices as Cultural & Organisational Issues

→ challenges relate to values, incentives, roles, and internal alignment—not only tools. This includes concerns about trust, consent, legitimacy, and risk

Uneven Digital Maturity

→ from highly codified environments to informal, trust-based cultures with limited documentation.

FROM RAW DATA

PROCESSED INSIGHTS

EXCHANGEABLE KNOWLEDGE