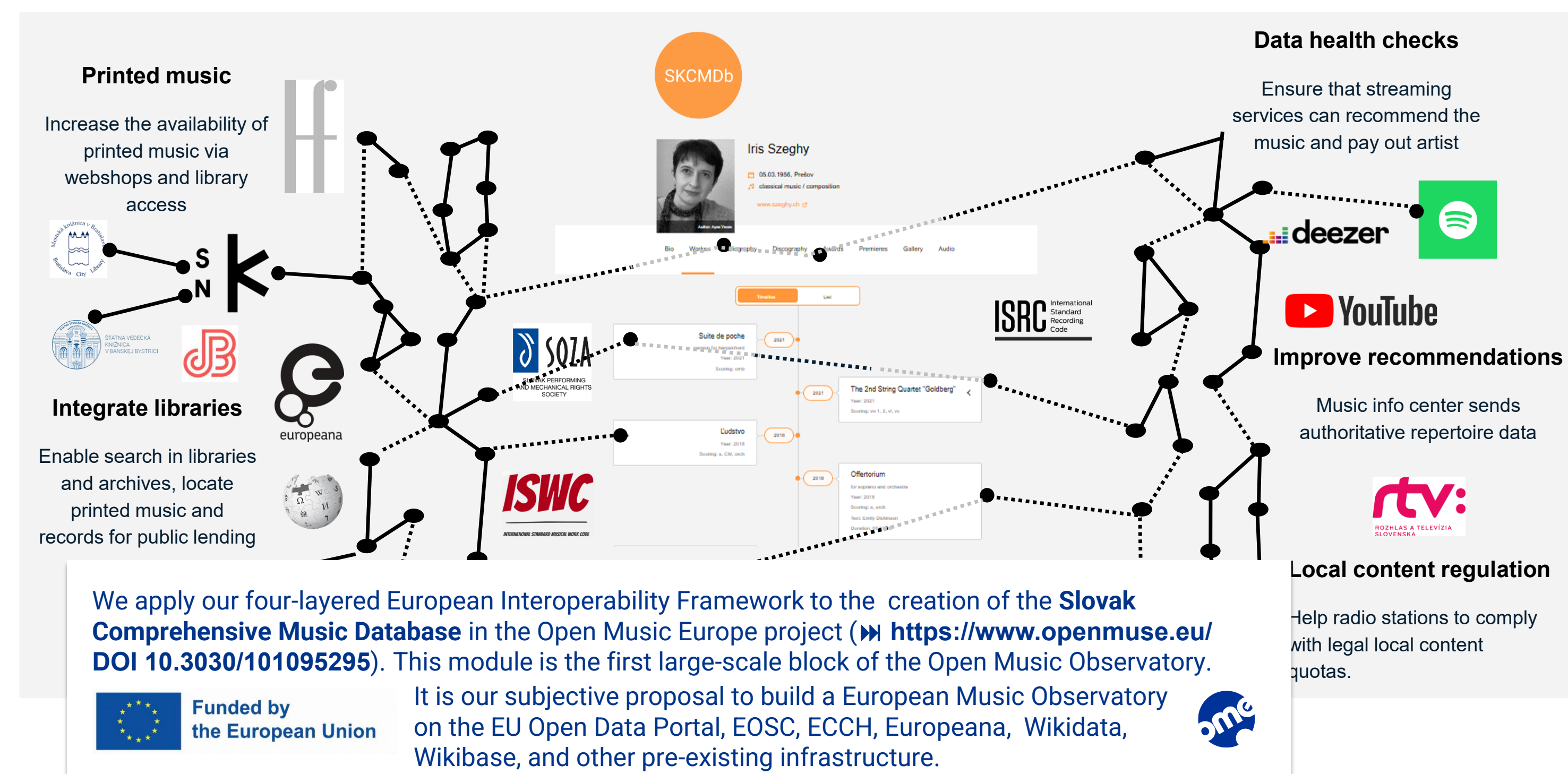


The Open Music Observatory

The Slovak Comprehensive Music Database (**SKCMDb**) connects libraries, the Slovak Music Centre, SOZA, the Music Fund, and platforms through a shared metadata backbone built on open ontologies. It makes Slovak music more discoverable across streaming, archives, and education. As part of OpenMusE, it is a first large-scale module of a decentralised **European Music Observatory** integrated with European open science and data platforms. Developed by Reprex, it uses open-source AI to support even the smallest institutions.

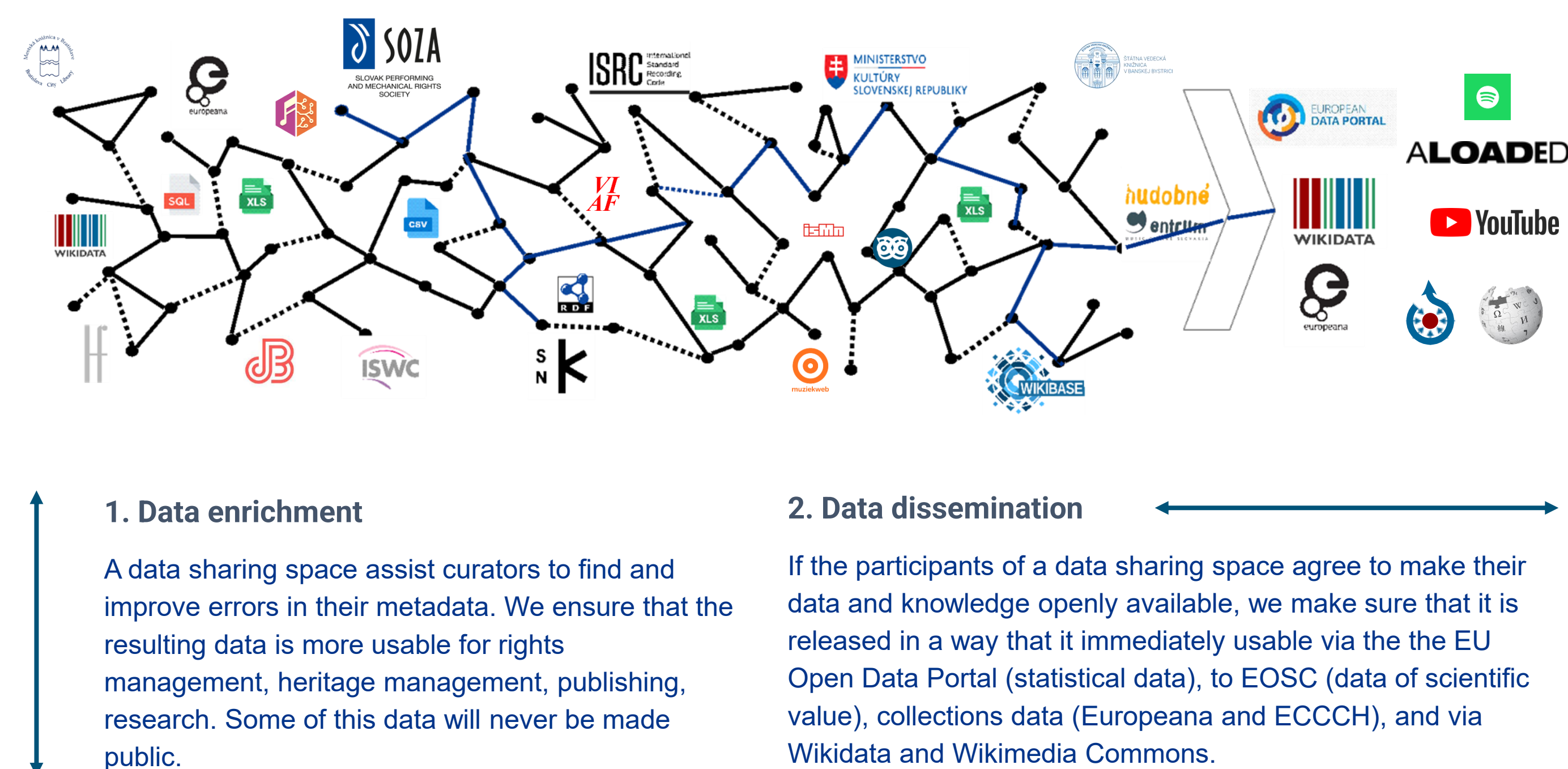
Libraries as Portals to the Digital Life of Music

SKCMDb enables music libraries and national music centres to offer modern, interconnected discovery, loan, and access services. Using a semantic browser backed by a Wikibase and knowledge graph, libraries can expose their holdings—such as scores or CDs of Iris Szeghy—alongside streaming platforms, print retailers, and video archives. This helps educators, curators, and performers explore Slovak works more easily, even in countries where music libraries face resource constraints and low public visibility. Libraries become portals to the full digital life of music.



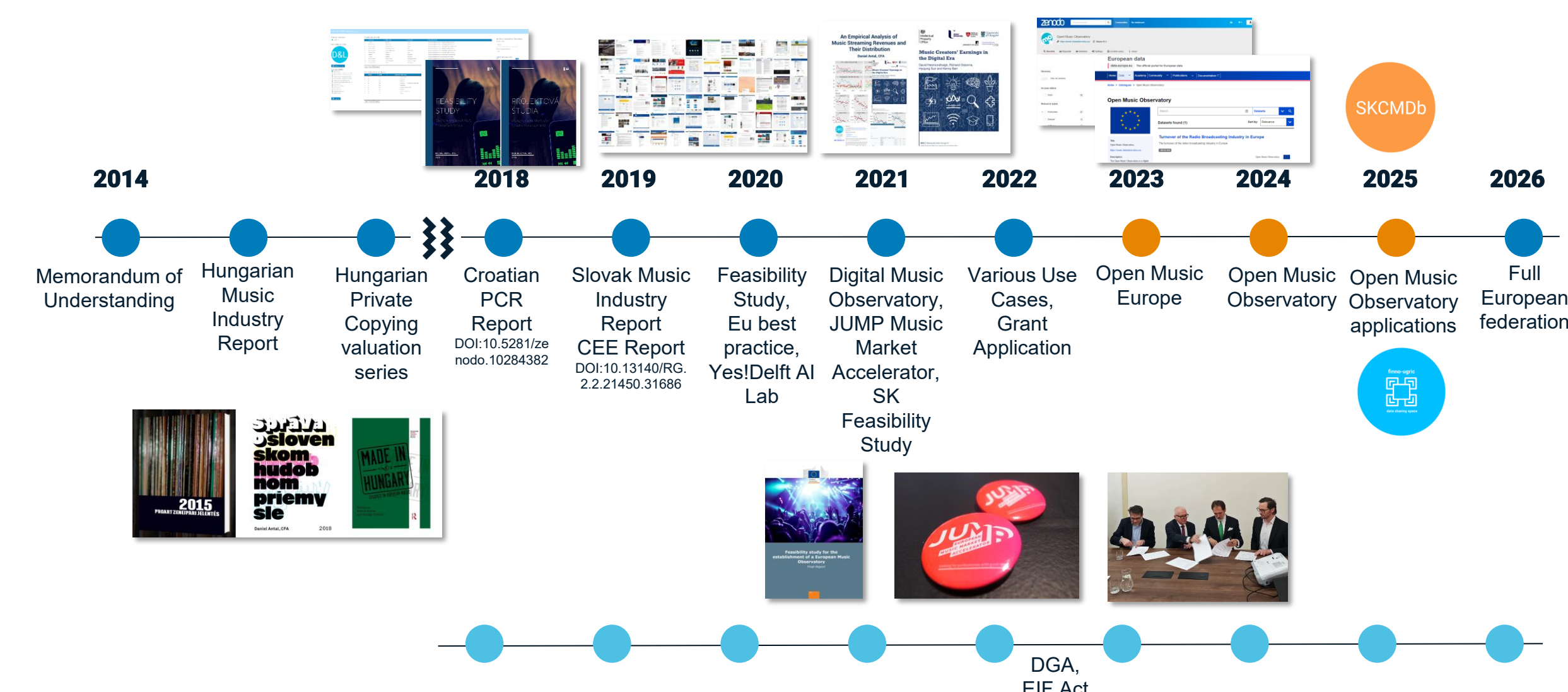
Cooperation to Avoid Redundant Metadata Work

Low metadata depth, shallow archival coverage, and economic limits make traditional, siloed documentation unsustainable. Describing a collected work and its movements—then linking it to scores, recordings, and rights—should not be done in parallel by libraries, rights societies, labels, and platforms. SKCMDb offers a shared metadata backbone where stakeholders contribute once, and reuse across the ecosystem. Cooperation replaces redundancy with interoperability, saving effort and increasing visibility.



Towards a Truly Inclusive European Music Observatory that works for music libraries and librarians

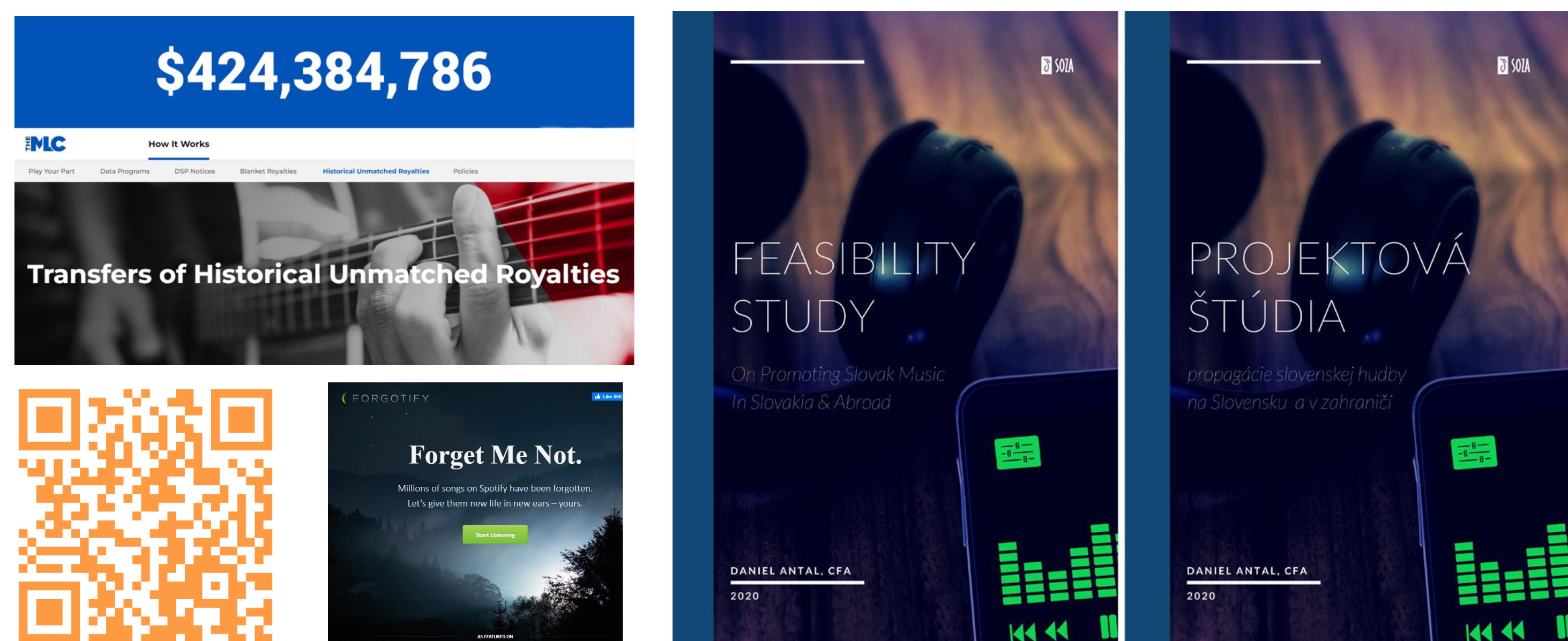
Music data is fragmented across public and private actors, competing rights groups, and legacy systems. Decades of centralisation efforts have failed. OpenMusE, funded by the European Commission, is building a decentralised European Music Observatory based on modern governance, interoperability, and trustworthy AI. SKCMDb and the Finno-Ugric Data Sharing Space are federated pilots that integrate music library metadata and services—and we invite IAML and its members to help shape an inclusive observatory that supports national libraries and small-town music collections alike.



Our presentation takes place in the 7 July session of **Music Libraries of Tomorrow: Reaching out to Wider Audiences** at the Mozarteum University E.001 HS Thomas Bernhard room (16:00–17:30) <https://reprex.nl/event/2025-07-07-iaml2025/>

Invisible Music in the Digital Ocean

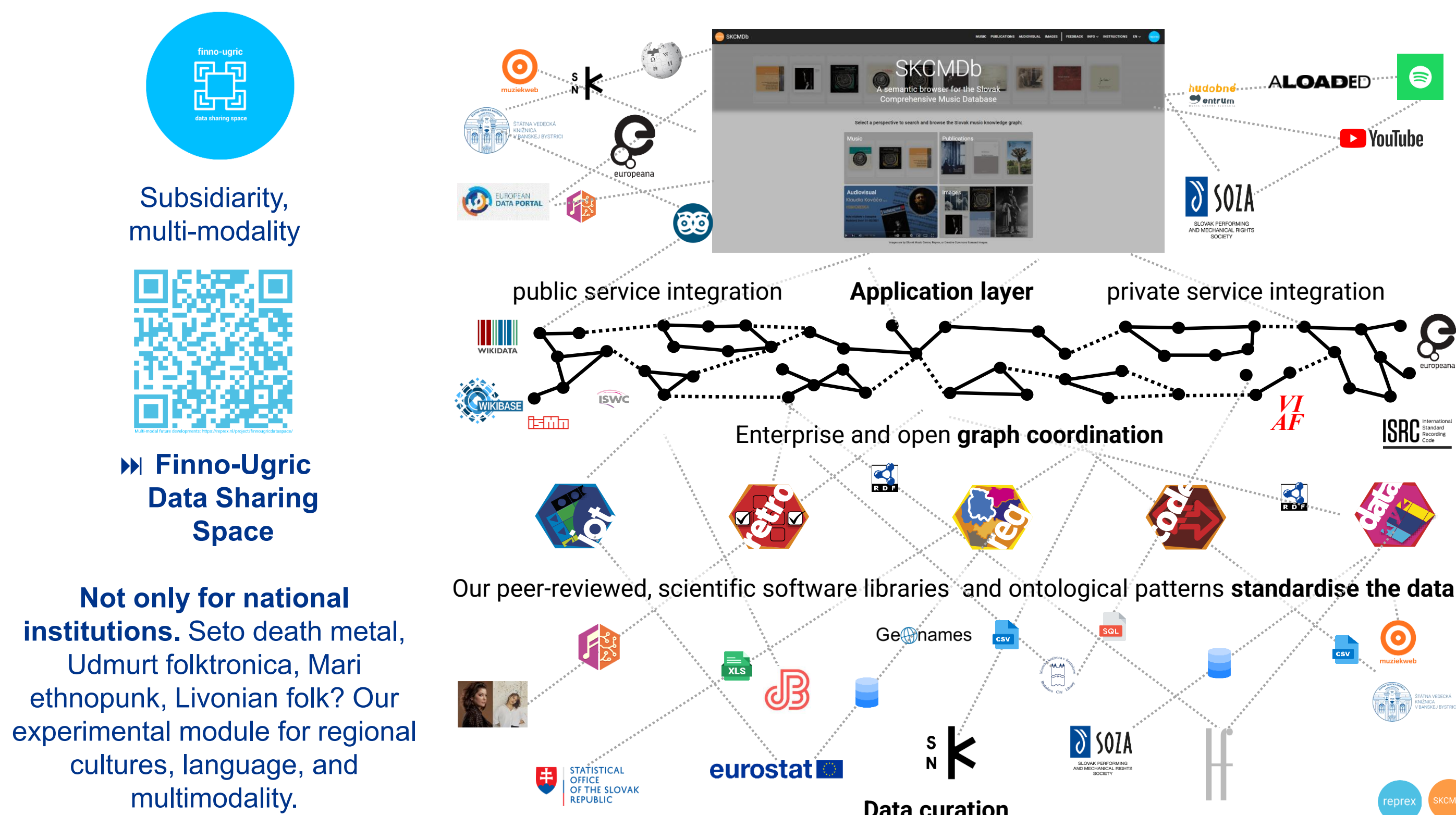
Our feasibility study, funded by the Slovak Arts Council, found that valuable Slovak music is often invisible to both listeners and algorithms. Metadata gaps lead to works being omitted from recommendations or misattributed—undermining royalties and discoverability. With 55% of top artists reporting delayed or missing payments, the problem is systemic: underfunded libraries, low documentation by small music labels, and fragmented cataloguing. Music platforms cannot repair metadata when both public and private data are incomplete—and the entire ecosystem suffers.



From Feasibility Study to working prototype: blog posts, access to our Wikibase Suit and the working prototype of the semantic browser: visit www.reprexbase.eu/skcmdb

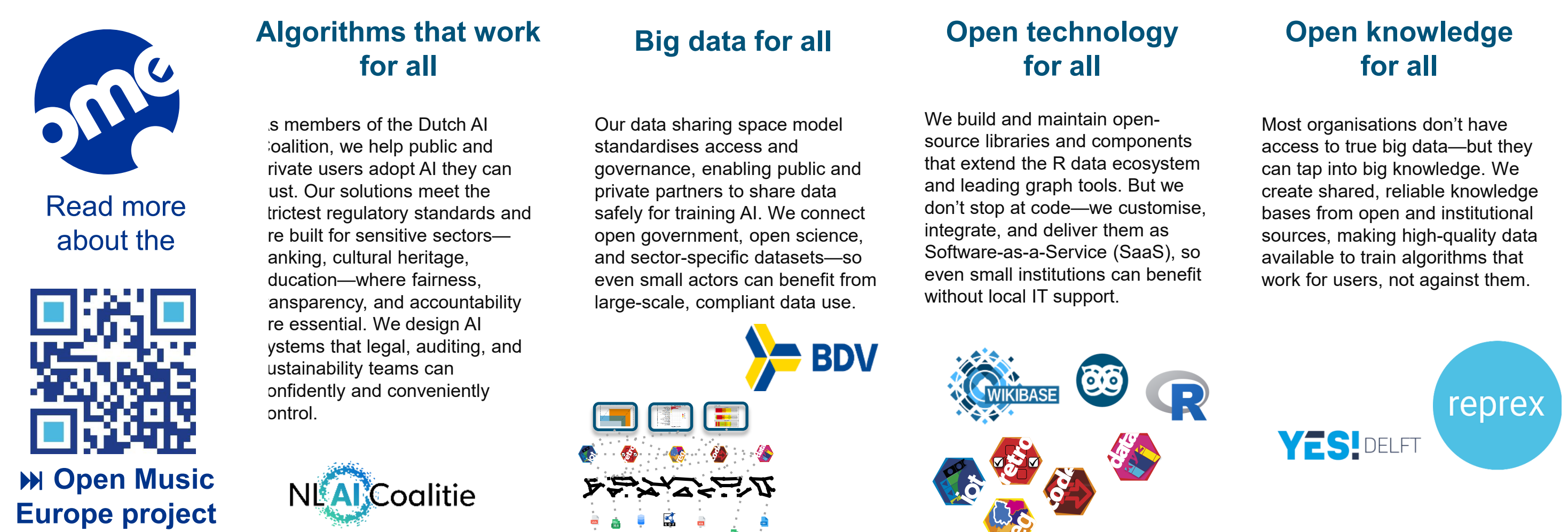
A Data Sharing Space with Shared Ontological Patterns

SKCMDb is a data sharing space where legal and organisational agreements enable semantic and technical interoperability. Built on shared ontological patterns, it aligns the descriptive needs of libraries, archives, rights organisations, and music services. Using a Wikibase, a Blazegraph SPARQL endpoint, and a Sampo-UI semantic browser, it allows stakeholders to co-curate metadata on works, recordings, and scores—ensuring that contributions made once can be reused across platforms and institutions.



Reprex – Cooperative AI and Open Tools for Open Data

Reprex is a small company that emerged from the Yes!Delft AI+Blockchain Incubator and delivers both private services in the music sector and public services through competitive Music Moves Europe and Horizon Europe grants. As members of the Dutch AI Coalition and the Big Data Value Association, we build cooperative, human-controlled AI that librarians, archivists, and rights managers can trust. By integrating open source tools, we help even the smallest music institutions benefit from big data and data-driven innovation—together.



Want to join our **Open Music Observatory** initiative? Test our infrastructure? Any Questions? reprex.nl/contact
Daniel Antal www.linkedin.com/in/antaldaniel

