

5th monthly meeting
2 June 2026

Tuesday 2 June 2.30 – 5.30 pm CET

2.30 **Welcome** by Anna Vuopala, Ministry of Education and Culture Finland

2.35 **Introduction of new participants / initiatives / use case query** relating to copyright infrastructure, AI etc., 10 min./introduction

3.15 **Exchange with the winners of the Web3 Copyright Innovation Challenge** (45 min in total)

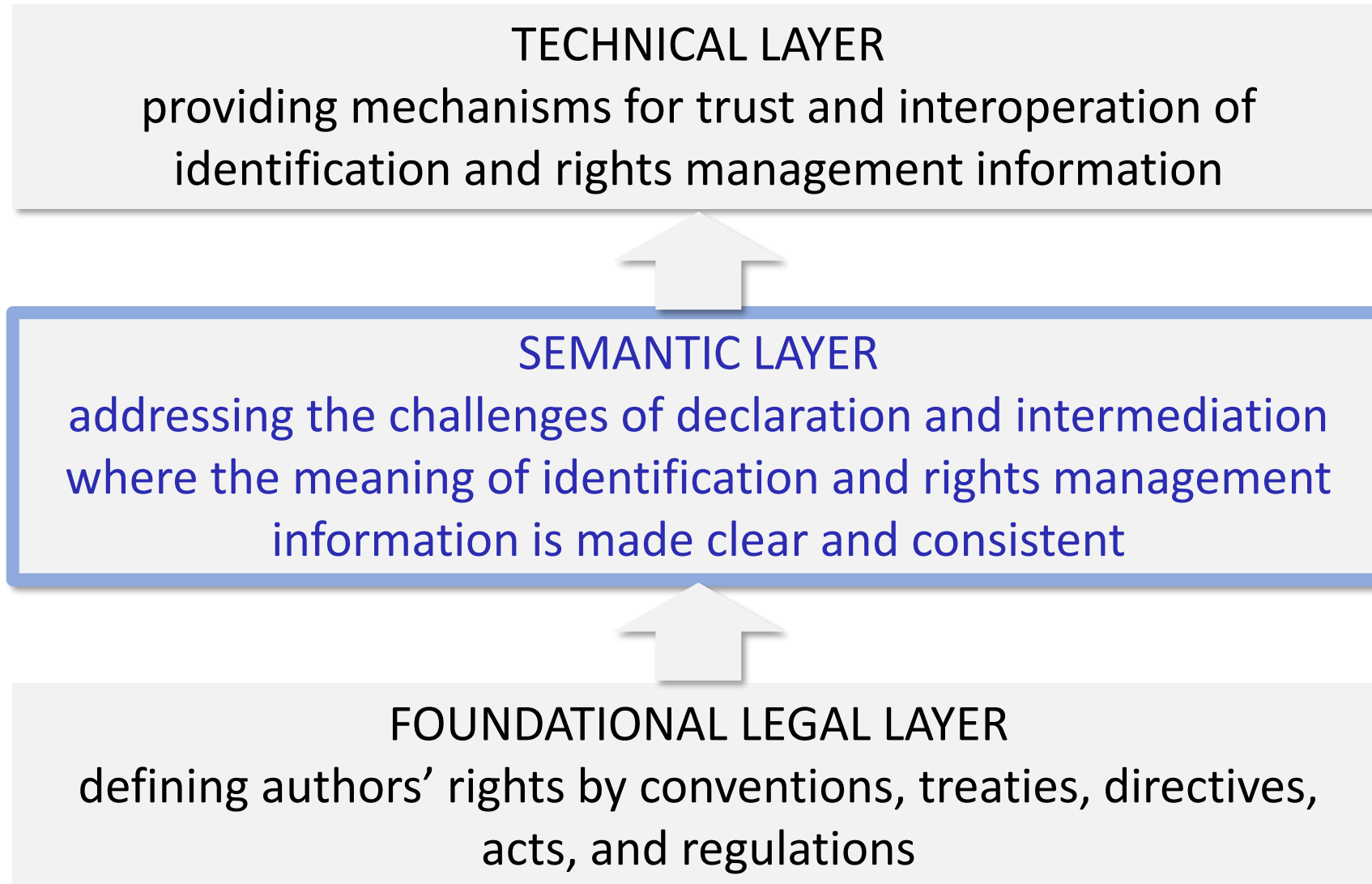
4:00 **5-minute break**

4:05 **Draft Status Report of the CITF**, Anna and Philippe

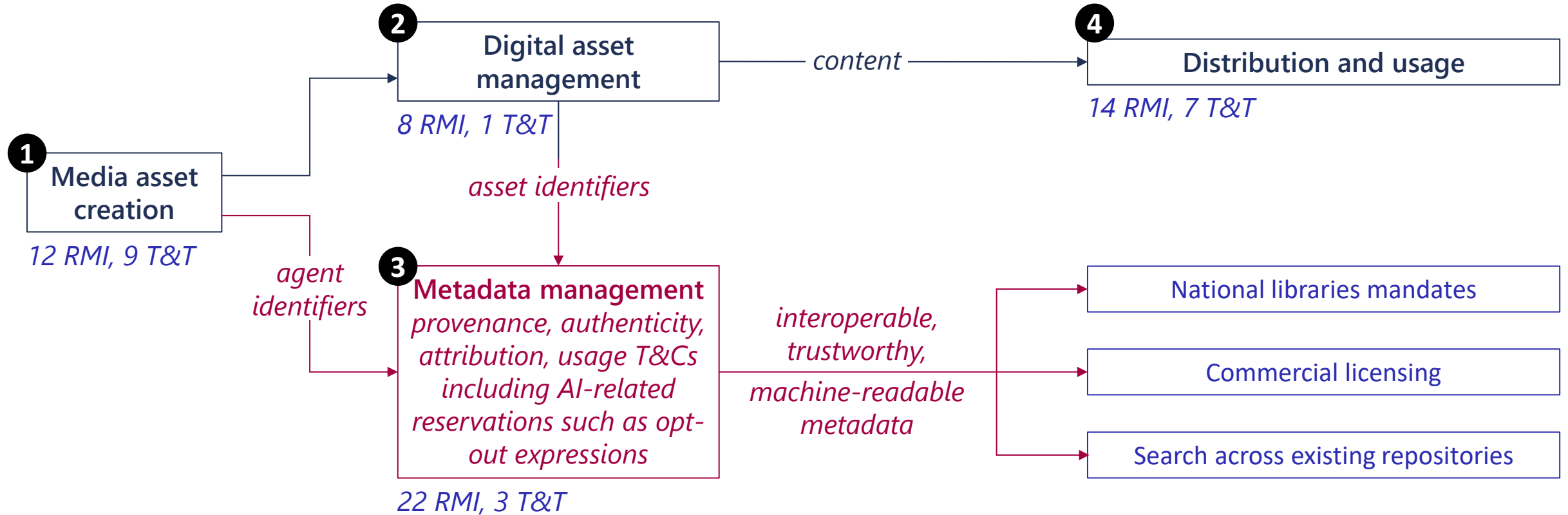
4.30 **Working Groups:** Presentation and discussion of the objectives, scopes, and liaisons of the working groups, 15 min/working group

5:30 **End of the meeting**

— The three layers of the copyright infrastructure



Context of 4 life cycle steps in 2030 and 3 main purposes across → 75+ requirements to discuss and validate

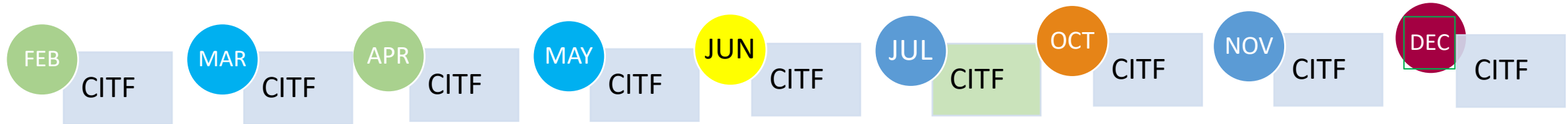


56 requirements related to rights management information (RMI)
21 requirements related to traceability and transparency (T&T)



— Summary of 2026

5 CITF Monthly meetings: 2 February, 3 March, 7 April, 5 May and 2 June 2026...and beyond



Work plan
2026

Funding/
governance
alternatives

Standardisation
organisations

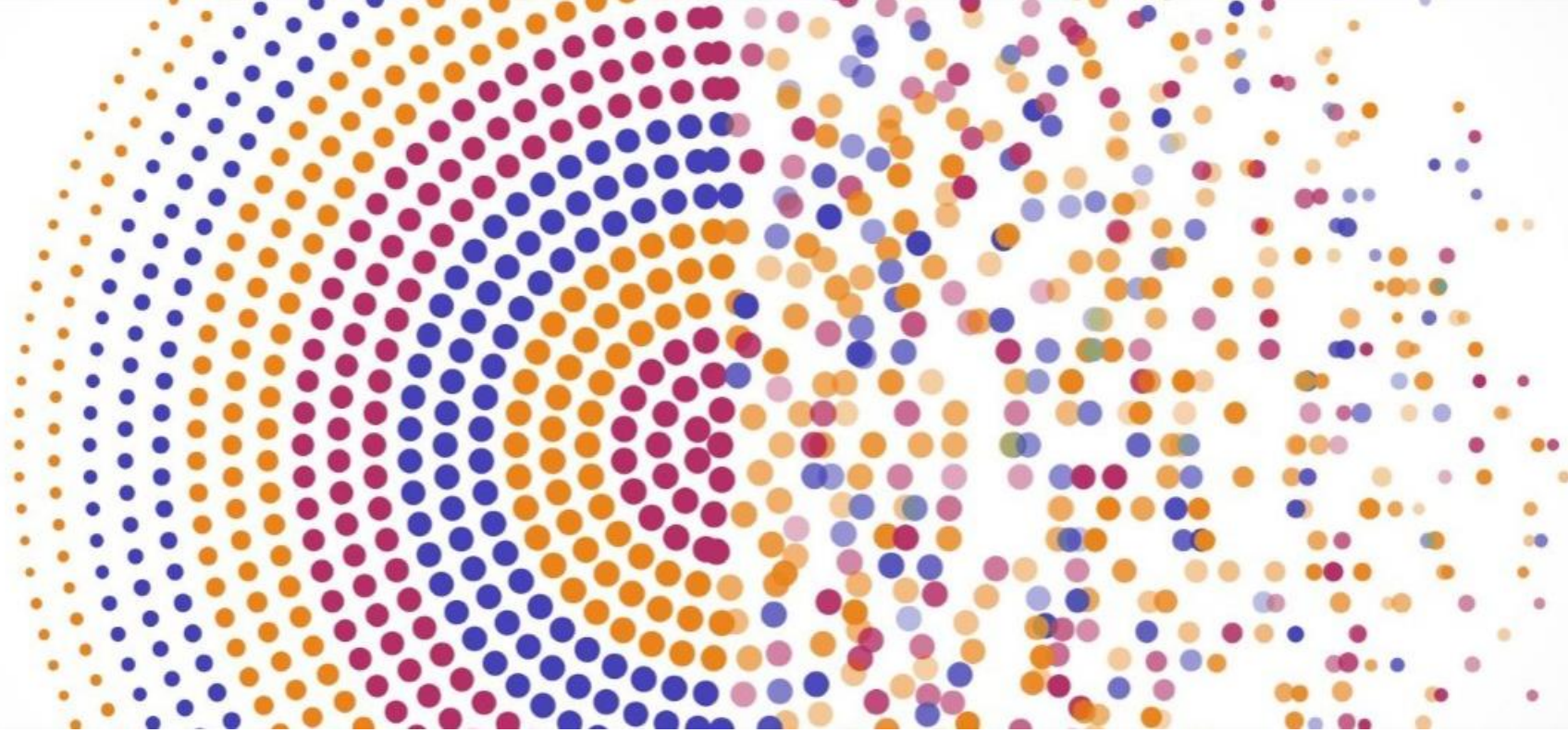
Rightholders'
meeting

Web3 Innovation
Challenge,
Use cases,
Draft ORDF,
Working groups

*“The Copyright Infrastructure
Task Force (CITF)
– Status quo and way forward”
ceremony* in Geneva

Irish Presidency
conference ?

Conferences



2.35 Introduction of new participants / initiatives / use case query

- 1) Hojun Ryu, IT department, Korean Music Copyright Association, KOMCA
 - 2) Daniel Antál, Founder, Reprex
 - 3) Zen Jelenje, Founder, Nascent Studios
 - 4) *Camilla Kaeraa, European Commission (DG CNCT)*
- tbc

Daniel Antal, Reprex



CITF Monthly meeting— Introducing two new projects

OpenSync
PAJRA

Daniel Antal (Reprex B.V.)
<https://openmusicobservatory.eu/>

Finno-Ugric Data Sharing Space

Livonian, Karelian music database in the context of Finno-Ugric languages, material and immaterial heritage.

[Click to visit](#)

SKCMDb

Slovak Music Dataspace: connecting the Slovak Music Centre, SOZA (rights), the Music Fund, music libraries and music services.

[Click to visit](#)

Open Music Observatory

Connecting data, research, services about music in four pillars: economy, diversity, society and sustainability, and innovation.

[Click to visit](#)

Hungarian Music Database

Hungarian artist namespace, commercially distributed and archived repertoire.

[Click to visit](#)

About

Read more about the Open Music Observatory, and the Open Music Europe Horizon Europe Research and Innovation Action.

[Click to visit](#)

Federated, non-centralised copyright and music data infrastructure

The **Open Music Observatory** operationalises existing EU policy analysis (CITF, EMO feasibility, Culture Compass) through real implementations, not abstract architecture



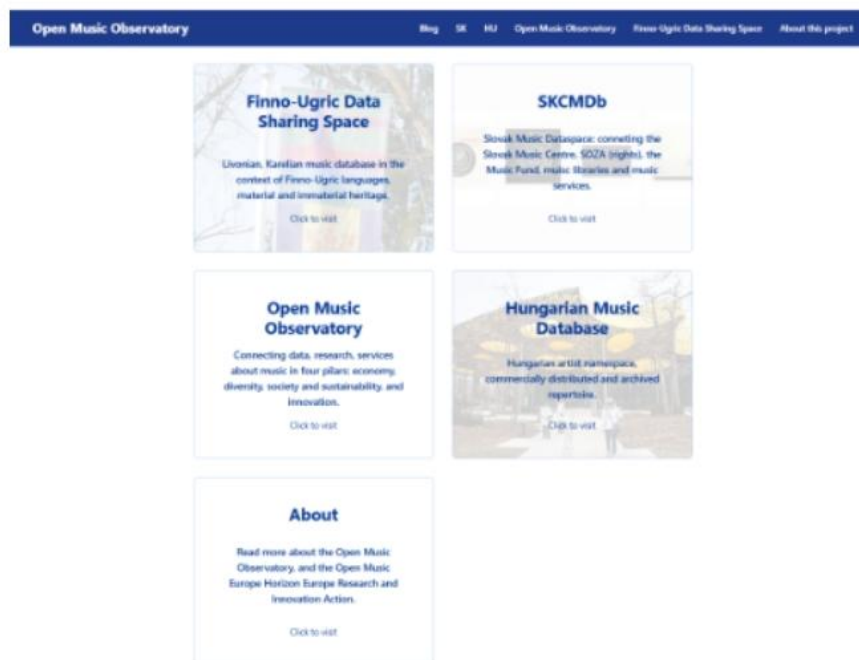
OKM_2025_23.pdf
1.73 MB

CC BY-ND 4.0



[Download pdf](#)

A Green Paper on AI, Data Governance, and Metadata Policies for Europe's Music Ecosystem



Data sharing and exchange in the Slovak music data sharing space

Printed music

Increase the availability of printed music via webshops and library access



Integrate libraries

Enable search in libraries and archives, locate printed music and records for public lending



Improve statistics
Satellite business register coordination for better surveys of music



Data health checks

Ensure that streaming services can recommend the music and pay out artist



Improve recommendations

Music info center sends authoritative repertoire data



Local content regulation

Help radio stations to comply with legal local content quotas.

Key Takeaways From Our Work

The AI Act and GDPR Revisions Offers Room for Legal Interoperability Improvements

- 1. The GDPR review creates a rare window to address unintended effects on copyright infrastructure.**
Experience from music and other creative sectors shows that legal uncertainty around personal data, attribution, and identifiers leads to defensive data silos. This is not a failure of GDPR's objectives, but an implementation gap. The review offers an opportunity to clarify how lawful attribution, moral rights recognition, and copyright documentation can be treated as legitimate, proportionate data processing in the public interest. The AI Act makes copyright data infrastructure a precondition, not a side issue.
- 2. The AI Act assumes the existence of trustworthy, machine-readable copyright and provenance data for training transparency, opt-outs, and compliance.** Where such infrastructures do not function across public and private actors, obligations risk becoming symbolic rather than enforceable. Improving interoperability of copyright data is therefore essential for the AI Act to work as intended.
- 3. Data sharing spaces offer a practical bridge between GDPR, copyright, and AI governance.** Rather than reopening substantive copyright law, data sharing spaces allow regulators to test governance solutions that respect GDPR, preserve attribution, and enable controlled reuse. They provide an implementation-level response aligned with the European Interoperability Framework, capable of operating across public institutions, collective management organisations, platforms, and SMEs.

Anchoring in the Interoperable Europe Act

1. Both **CITF** and the **Open Music Observatory** start from the **same diagnosis**: authoritative copyright information exists, but it is fragmented, inconsistently accessible, and loses reliability across institutional boundaries.
2. **CITF's three-layer model (foundational, semantic, technical)** maps well onto interoperability needs. In our implementation work, we found that explicitly applying the **European Interoperability Framework** adds practical value at the points where copyright data breaks down in practice: between national libraries and CMOs, between public heritage institutions and private platforms, and across differing national mandates.
3. In building a copyright data infrastructure that must integrate authors', performers', and producers' rights data—much of it privately governed—we relied on **EIF's explicit separation of legal and organisational interoperability** from semantic and technical interoperability. This helped us address governance, mandates, and access conditions before attempting semantic alignment.

The screenshot displays the IOPEU Monitoring website interface. At the top, there is a navigation bar with links for Policy, Solutions, Support Centre, Governance, Academy, and Sign in. The main header includes the IOPEU Monitoring logo and a 'Join this collection' button. Below the header, there is a 'Policy Context' section with a 'Bookmark' button and a 'Translate' button. The central part of the page features a diagram titled 'DIGITAL EUROPE PROGRAMME' with a central 'European Digital Single Market' hub. Surrounding this hub are several key policy documents and regulations, including the Open Data Directive, Interoperable Europe Act, Data Governance Act, AI Act, eIDAS 2, and Data Act. Below the diagram, there is a section titled 'Regulations' with a list of key policy documents and their dates.

There are several key policy documents and programmes that set the strategic and legislative foundation for advancing digital transformation and interoperability across the European Union.

Funding Programmes

DIGITAL EUROPE PROGRAMME

COMPETITIVENESS COMPASS | **DIGITAL DECADE**

Frameworks

- OPEN DATA DIRECTIVE**
Directive (EU) 2023/3764
10 July 2023
- INTEROPERABLE EUROPE ACT**
Regulation (EU) 2024/963
15 April 2024
- DATA GOVERNANCE ACT**
Regulation (EU) 2023/2868
27 June 2023
- AI ACT**
Regulation (EU) 2024/5445
1 August 2024
- eIDAS 2**
Regulation (EU) 2024/1180
28 May 2024
- DATA ACT**
Regulation (EU) 2023/2864
12 January 2024

Regulations

They guide national efforts and enable coordinated progress at EU level:

- The [Interoperable Europe Act](#) (IEA), adopted in 2024, provides a binding legal framework to enhance cross-border interoperability and cooperation in the public sector.
- The [European Interoperability Framework](#) (EIF), adopted in 2017, sets out principles and recommendations to guide public administrations in delivering interoperable digital services (a revision is currently underway).
- The [Digital Decade](#) (DD) policy programme, launched from 2021 until 2030, defines the EU's digital objectives for 2030 and establishes a governance framework to monitor and support national progress.
- The [Digital Europe Programme](#) (DEP), in place from 2021 to 2027, allocates funding to strengthen Europe's digital capabilities, including in areas such as interoperability, cybersecurity, and artificial intelligence.

Below the main content, there are three smaller diagrams illustrating the Interoperable Europe Act's impact on the EIF, the Digital Decade, and the Digital Europe Programme.

Data sharing and exchange in the Slovak music data sharing space

Work

Rightsholder

Permission

Work

Manifestation

Manifestation

Rightsholder

Rightsholder

Rightsholder

Rightsholder

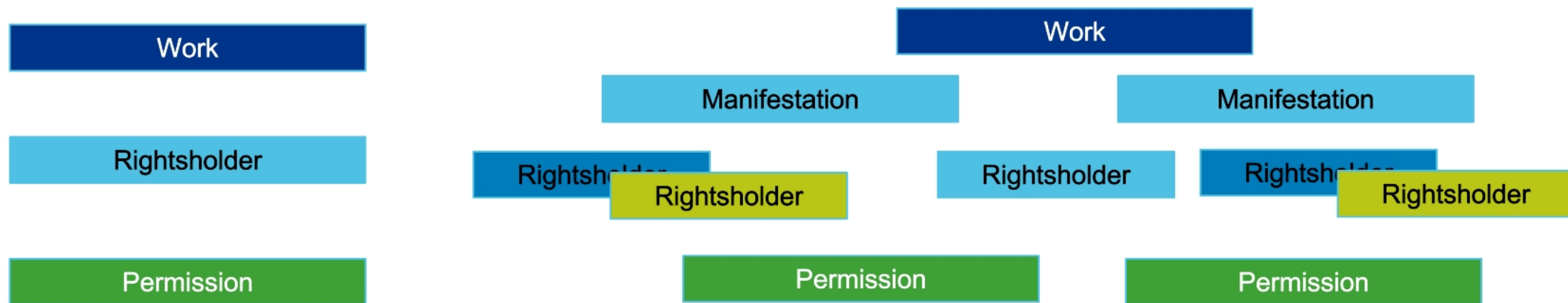
Rightsholder

Permission

Permission



Data sharing and exchange in the Slovak music data sharing space

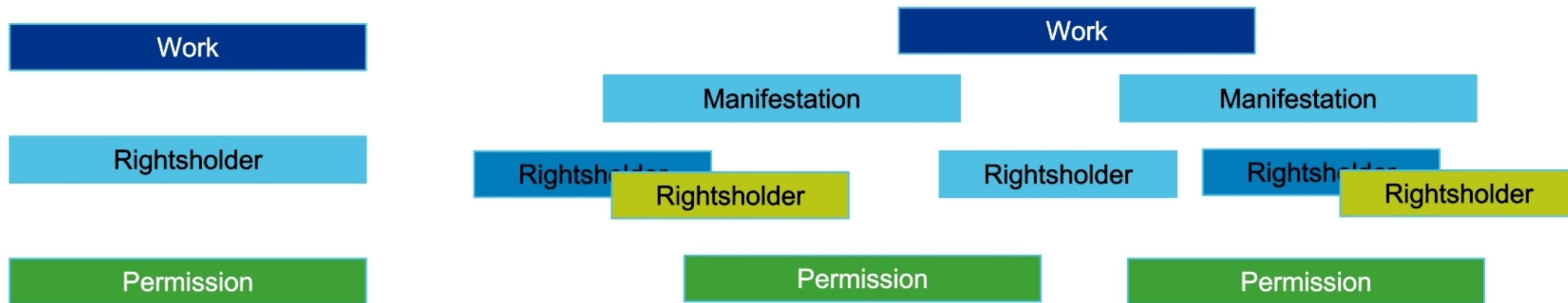


1. Data enrichment

Reprex consolidates the data Excel, CSV, SQL and other database (data file) formats of SOZA, Slovak Music Centre, Music Fund, and other organisations into a graph format. We assist curators to find and improve errors in their metadata. We ensure that the resulting data is more usable for rights management, heritage management, publishing.



Data sharing and exchange in the Slovak music data sharing space



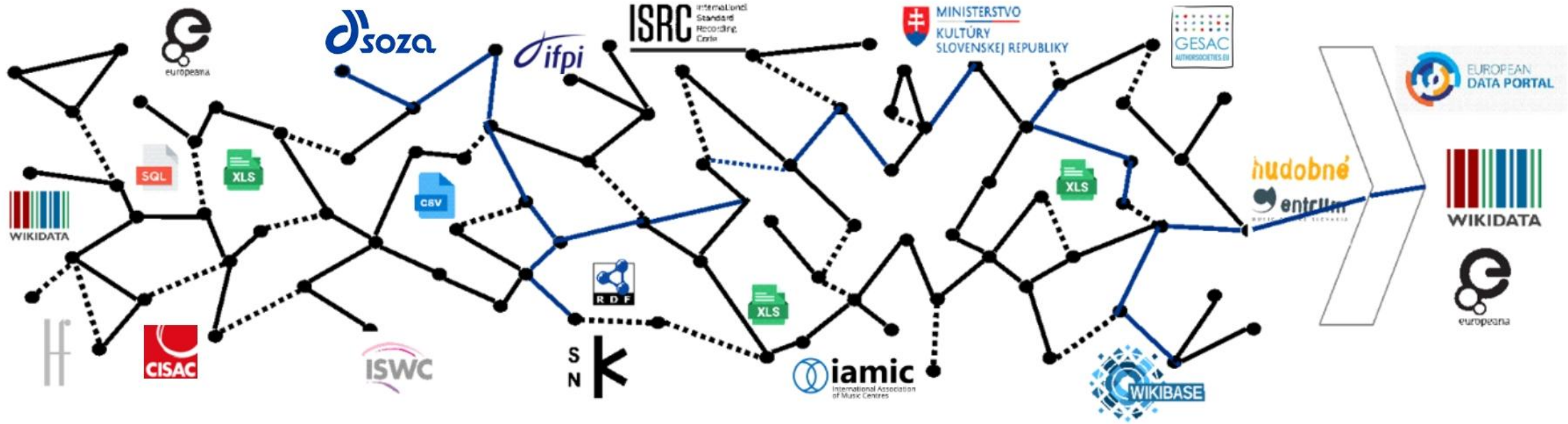
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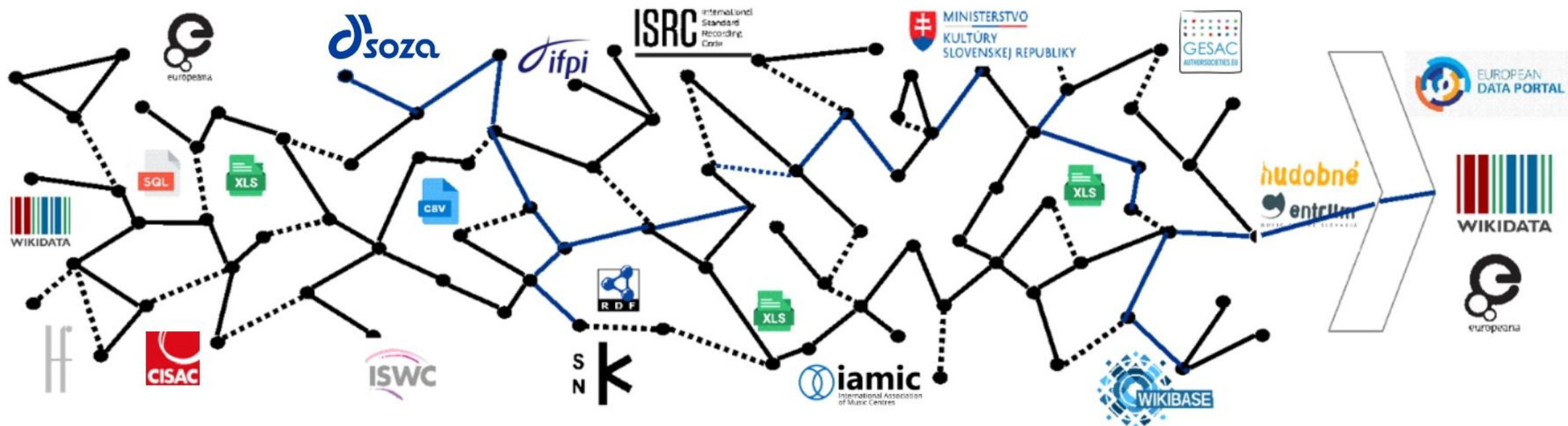
2. Data dissemination

We send the enriched and proprietary (confidential) data to the systems of SOZA, Slovak Music Centre, Music Fund or other participants. We send the public data to the EU Open Data Portal (statistical data), to EOSC (data of scientific value), collections data (Europeana and ECCH), and biographical and repertoire data to Wikidata and Wikipeida. This way streaming providers can use reliable data about Slovak music.

Data sharing and exchange in the Slovak music data sharing space



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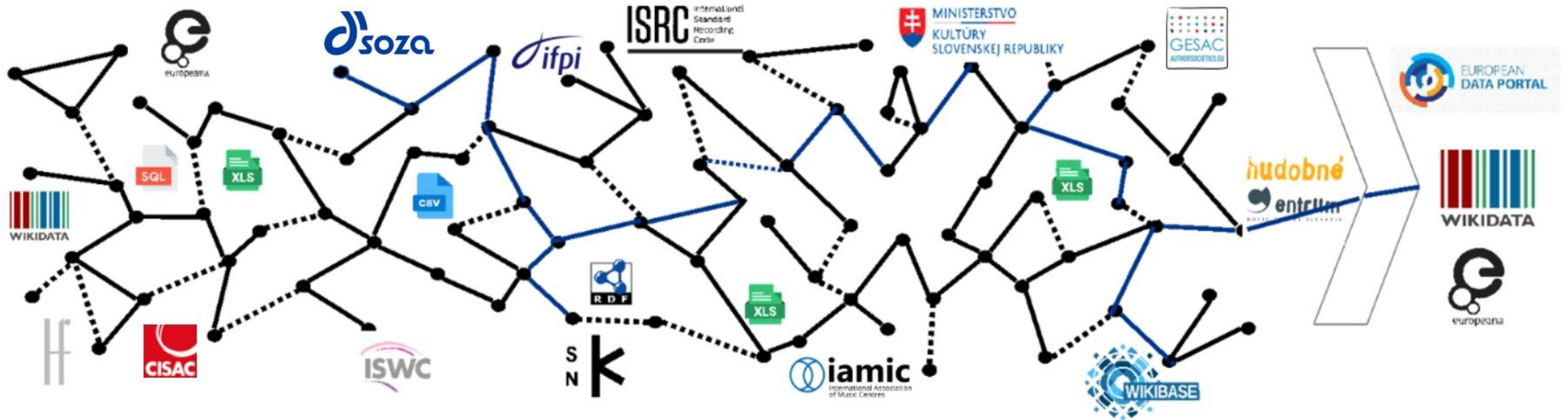


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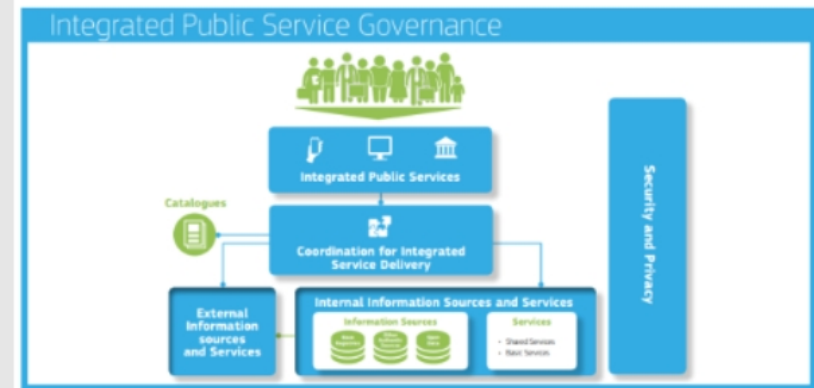
IOPEU Potential for Public-Private Governance

1. The **European Interoperability Framework** has strong legal and policy grounding. It is however, primarily written from the perspective of delivering public services to citizens and businesses, which means that public–**private cooperation is often treated implicitly, mainly as a backend issue** involving data sources, service providers, or technical operators.
2. Our work with the Open Music Observatory shows that **in practice** the creation, operation, and use of digital public services are already **deeply intermingled across public and private actors**, with authoritative data, core workflows, and governance frequently located outside public administrations.
3. By making this interdependence explicit, the CITF and OMO approach complements the EIF and provides concrete evidence for the **Interoperable Europe Act and IOPEU** monitoring that many European public services now function as shared public–private infrastructures by design, not as purely public systems.

Figure 3 Interoperability model



Figure 4 Conceptual model for integrated public services



Broad Interoperability: From Archive To Spotify

Our data model supports only “patterns” of important standard library, archive, museum, rights management conceptual models; functionality is not optimised for libraries but for cross-institutional use

The screenshot shows a Wikidata page for the entity 'Dziedi ar Hildu Grīvu' (Q6145). The page includes a sidebar with navigation options, a main content area with a description, a table of labels in different languages, a 'Statements' section with property-value pairs, and a cover image.

Item Discussion

Dziedi ar Hildu Grīvu (Q6145)

a single containing two Livonian dance song recordings of Hilda Grīva

[+ 30 more languages](#)


Language	Label	Description	Also known as
English	Dziedi ar Hildu Grīvu	a single containing two Livonian dance song recordings of Hilda Grīva	

Statements

instance of **single** [+ 0 references](#) [edit](#) [add reference](#) [add value](#)

has part(s) **Tīlpa, tīlpa (sound recording)** [+ 0 references](#) [edit](#) [add reference](#) [add value](#)

Tšitšōrlinki, tšitšōrlinki (sound recording) [+ 0 references](#) [edit](#) [add reference](#) [add value](#)

cover image  [+ 0 references](#) [edit](#)

The screenshot shows a Spotify playlist page for 'Dziedi ar Hildu Grīvu' by Hilda Grīva. The page features a cover image, a play button, and a list of tracks.

Dziedi ar Hildu Grīvu

EP

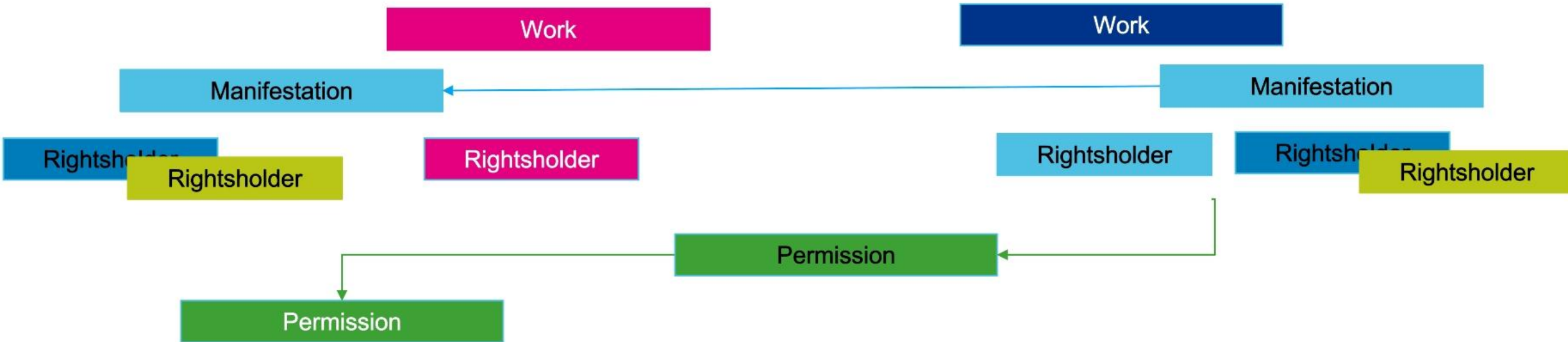
Hilda Grīva • 2025 • 2 songs, 2 min 49 sec

Title

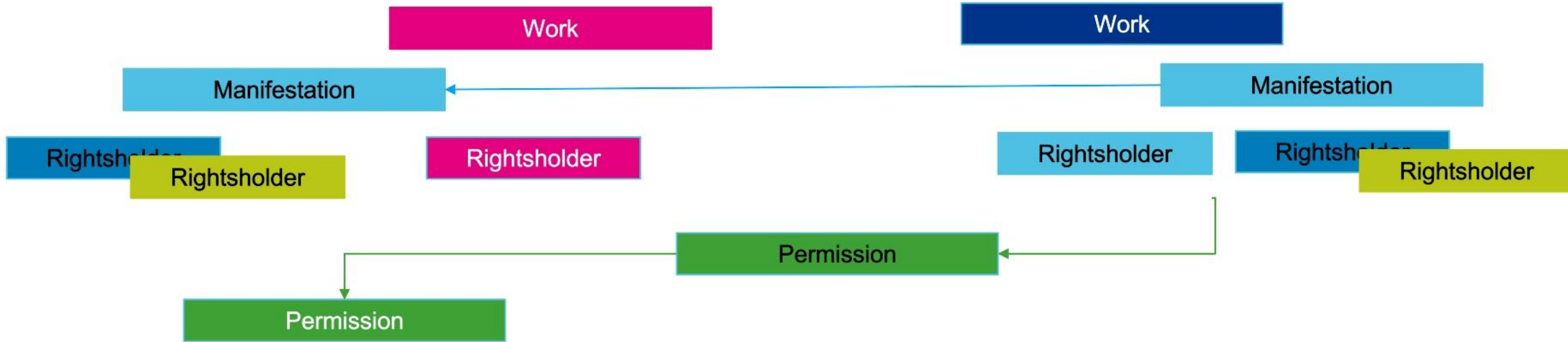
- 1 **Tīlpa, tīlpa**
Hilda Grīva
- 2 **Tšitšōrlinki, tšitšōrlinki**
Hilda Grīva

May 15, 2025
© 2025 Archives of Latvian Folklore
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OpenSync: embedded rights and synchronisation of identities and claims



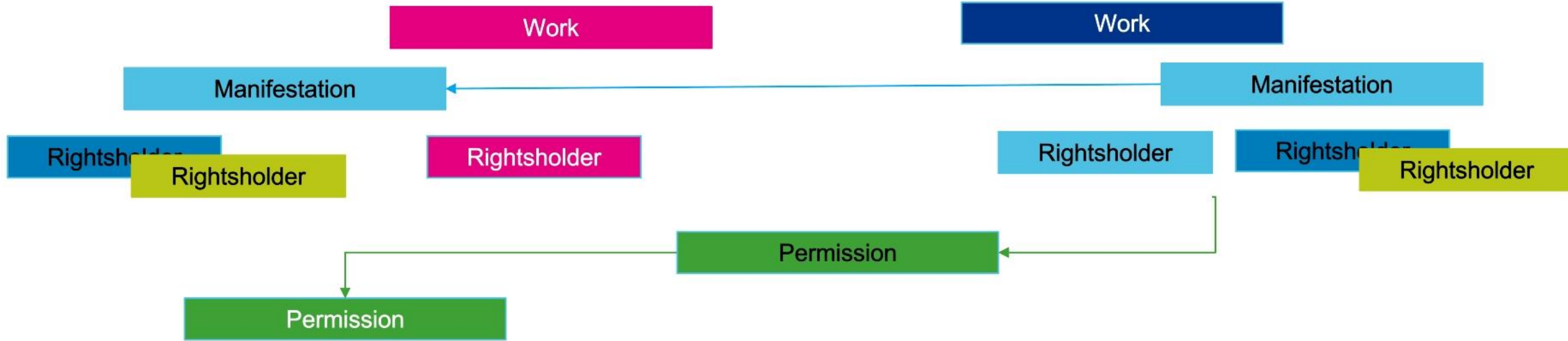
OpenSync: embedded rights and synchronisation of identities and claims



1. Rights clearance

The chain of identification of rightsholder, protection terms, permission is the same as in CITF base case.

OpenSync: embedded rights and synchronisation of identities and claims



1. Rights clearance

The chain of identification of rightsholder, protection terms, permission is the same as in CITF base case.

2. Synch

Sync rights need the identity changes (rightsholder or representative name changes) and identity changes (inheritance, buyout) to be synced, not only the permissions.

Interoperability Governance under the EIF



Legal interoperability

Legal interoperability is about ensuring that organisations operating under different legal frameworks, policies and strategies are able to work together.



Organisational interoperability

Documenting and integrating or aligning business processes and relevant information exchanged. It aims to meet the requirements of the user community by making services available, easily identifiable, accessible and user-focused.



Semantic interoperability

The semantic aspect refers to the meaning of data elements and the relationship between them. It includes developing vocabularies and schemata to describe data exchanges, and ensures that data elements are understood in the same way.



Technical interoperability

A major obstacle to interoperability arises from legacy systems. Historically, applications and information systems were developed in a bottom-up fashion, trying to solve domain-specific and local problems. This resulted in fragmented ICT.

Integrated service governance

OpenSync

A.

At least 80% of
Europe's
audiovisual
works not
visible

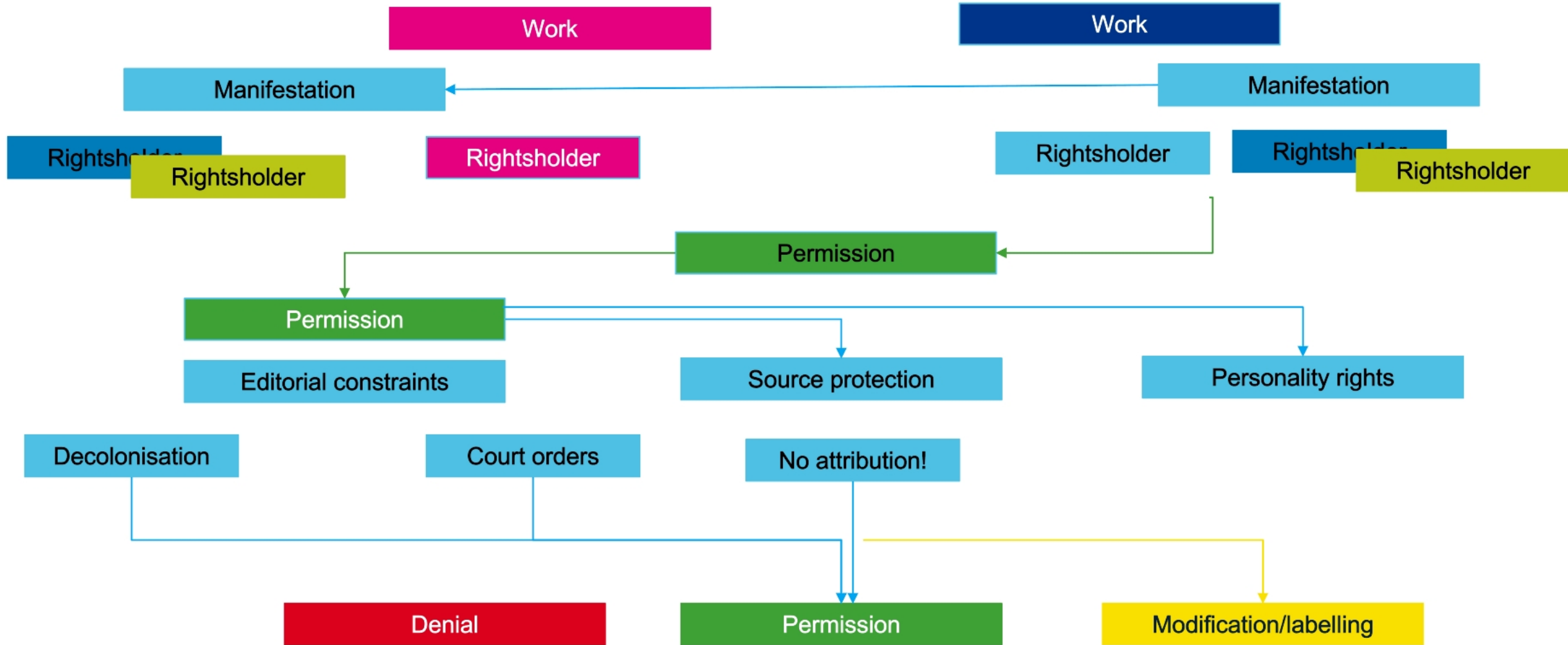
B.

Documentation
cost of
relicensing is
prohibitive

C.

Prisoner's
dilemma: all
rightsholders
suffer

PAJRA: Provenance-Aware, Machine-Readable Rights for Journalistic Archives



PAJRA

A.

Legal, moral
and ethical
constraints

B.

source
protection
vs.
attribution

C.

Permission
Modification
Denial

Thank you for your attention!

Reprex: reprex.nl/contact

Daniel Antal: www.linkedin.com/in/antaldaniel



Zen Jelenje, Nascent Studios



Introduction

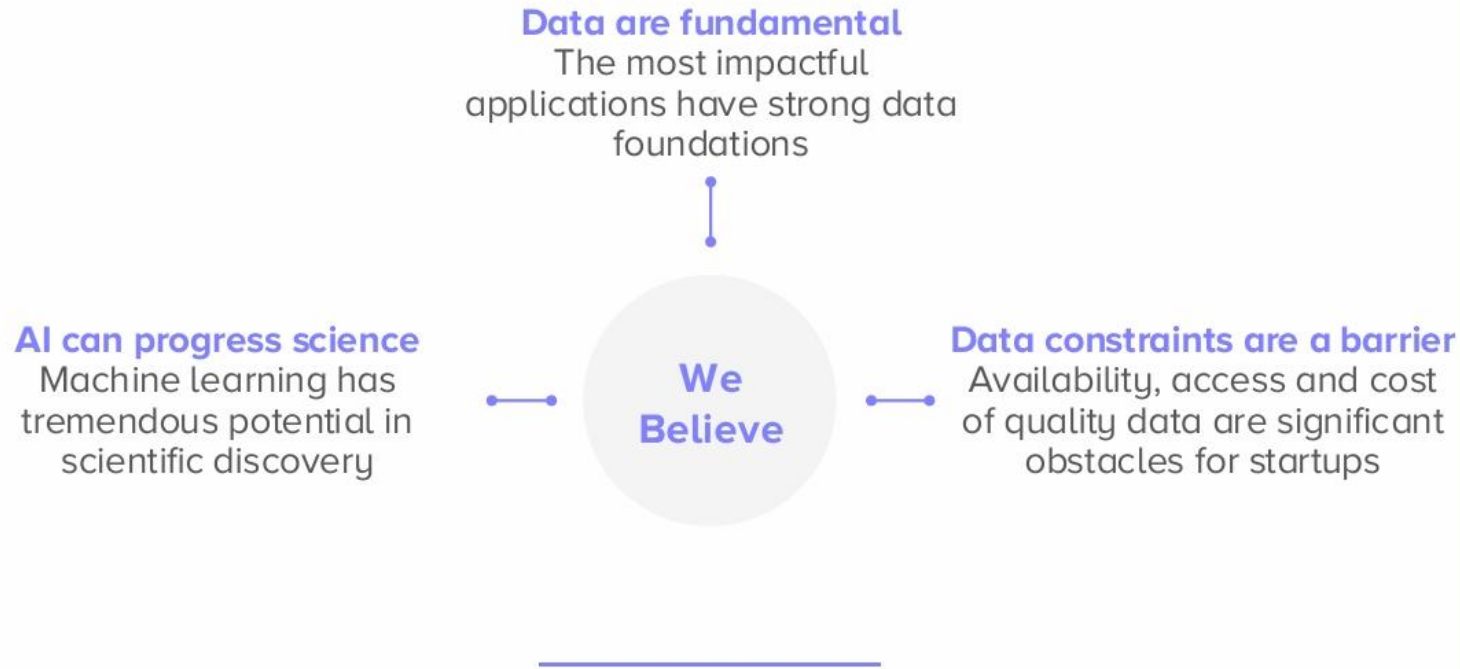
Nascent Studio



Nascent Studio: Breaking data barriers and building effective AI for science

Nascent Studio is a venture builder, dedicated to accelerating translation for ideas applying AI to science.





We use our data and domain expertise to **build and operate companies** that are addressing scientific problems using AI. We also **advise startups on data strategy** and **providers on data licensing**

Nascent Studio's companies develop AI applications in areas previously limited by data...


AquilaGen



AquilaGen

Automated, expert-level genetic intelligence for target validation in drug discovery

Cleanly



Cleanly

AI-powered anti-doping compliance for elite athletes and their support teams

NSC-00141



Coming Soon

Infrastructure for experimental validation and machine learning in synthetic chemistry



...We also advise startups and data providers, including collaborating with them

Start-ups



Data Strategy – Recommend options for data foundations

Data Acquisition – Secure agreements with providers

Data Curation – Prepare data for ML workflows

Commercial data providers



Opportunity Research – Define and value uses of data with AI

Technical Requirements – Define infrastructure needed to provide data (e.g. delivery, format)

Commercial Execution – Recommend licensing model (rights, pricing & sales approach)

Non-profit data providers



Opportunity Research – Define and value potential uses of data with AI

Research Collaborations – Collaborate and publish research using data with AI



Acquiring data for an AI research tool and advising a clinical data provider are two project examples



Startup • AI literature research tool

Worked with startup on data strategy and acquisition for its research tool, including:

- Recommending architecture that solves copyright compliance & data availability
- Adding user control features to decide which internal and licensed data to use
- Negotiating licensing agreements with data providers to expand data sources

Data Strategy

Data Acquisition



Data Provider • Medical and clinical data provider

Advised medical data provider on licensing strategy including:

- Researching latest uses of AI with data, and value in clinical research and practice
- Developing a pricing structure for provider data reflecting realistic value
- Training sales teams on discovery for AI projects... and more

Opportunity Assessment

Commercial Execution



Forums like CITF are vital for collaborating with policy makers, data providers and other stakeholders

Why is CITF important for Nascent Studio?



Questions?

Contact:

www.nascentstudio.co

founders@nascentstudio.co

Camilla Kaeraa, CNECT



Data Union Strategy

The next phase of the
European Trusted Data Framework

*DG CNECT G.1
Data Policy & Innovation*

European Trusted Data Framework



European Data Strategy 2020-2025

Data legislation

Data Act

Data Governance Act

Open Data Directive

High-value Data Sets

GDPR

...

Common European Data Spaces



Health



Industrial & Manufact.



Agriculture



Finance



Mobility



Green Deal



Energy



Public Admin.



Skills



EOSC



Tourism



Cultural heritage



Media



Language

High Value Datasets from public sector

European Data Innovation Board

- Facilitate the sharing of best practices
- Prioritisation of cross-sectoral interoperability standards

Data Spaces Support Centre

- Blueprint, glossary, maturity model, etc.
- Support of data space projects

Technical infrastructure

Standards: European Trusted Data Framework

Digital identity (eIDAS)

Smart Middleware solutions (Simpl)






High-Performance Computing

Testing and Experimentation Facilities

Standardisation request

European Trusted Data Framework

Five requested deliverables

	Trusted Data Transaction standard
	Data catalogue implementation framework
	Semantic assets implementation framework
	Data governance standard for data space participants
	Maturity model for Common European Data Spaces

Standardisation request Status

- ✓ **Request formally adopted (Jul-2025)**
- ✓ **Mandate M/164**
https://ec.europa.eu/growth/tools-databases/enorm/mandate/614_en
- ✓ **Accepted by CEN/Cenelec (Aug-2025)**
- ✓ **Accepted by ETSI (Aug-2025)**
- ✓ **Joint work programme received**
- ✓ **Second status report received (Mar-2026)**
-- the work is largely on track

Deliverable	SR deadline
Harmonised standards on Trusted Data Transactions Part 1: Terminology, concepts and mechanisms	1 June 2026
Harmonised standards on Trusted Data Transactions Part 2: Trustworthiness requirements	1 November 2026
Harmonised standards on Trusted Data Transactions Part 3: Interoperability requirements	1 May 2027
Technical specification(s) on a data catalogue implementation framework	1 March 2026
Technical specification(s) on an implementation framework for semantic assets	1 September 2026
European standard on a quality framework for internal data governance	1 March 2027
Technical specification(s) on a maturity model for Common European Data Spaces	1 September 2026



European Trusted Data Framework Foundations and ongoing work



SEMIC Support Centre

- Data Catalogue (DCAT)
- Vocabularies
- Ontologies



- Data Spaces Blueprint
- Data Spaces Maturity Model



- CEN workshop 'Trusted Data Transaction' (closed)
- CEN/CENELEC **JTC 25** on 'Data management, Dataspaces, Cloud & Edge'
- ETSI: **TC DATA**



International
Electrotechnical
Commission



- JTC 1 SC 38 Cloud computing and distributed platforms

And many more...



Data Spaces Support Centre



DSSC (2022-26)

Some key outcomes:

- [DSSC Blueprint Version 3 is out!](#)
- [DSSC Toolbox](#)
- [DSSC Maturity Model.pdf](#)
- [DSSC T2.5 maturity assessment report.pdf](#) **New!**
- [European Data Spaces Awards 2025](#)

DSSC phase 2 (2026-28)

- Kick-off meeting held on 12 May 2026

The DSSC projects are funded under the Digital Europe Programme



Data Spaces Symposium, Madrid, 10-Feb-2026



Data Union Strategy

Further evolution of the European Trusted Data Framework



European Data Union Strategy



Political Guidelines for the next European Commission 2024–2029, Ursula von der Leyen

“To support the development of AI and other frontier technologies, Europe needs to exploit the untapped potential of data.

Europe needs a data revolution.

*This is why we will put forward a **European Data Union Strategy**. This will draw on existing data rules to ensure a **simplified, clear and coherent legal framework** for businesses and administrations to share data seamlessly and at scale, while respecting high privacy and security standards.”*

See also:

- ***Much More Than A Market***, Enrico Letta
- ***The future of European competitiveness***, Mario Draghi

European Data Union Strategy

“You will present a **European Data Union Strategy** drawing on existing data rules to ensure a simplified, clear and coherent legal framework for businesses and administrations to share data seamlessly and at scale, while respecting high privacy and security standards.”

Mission Letter to Henna Virkkunen
EVP for Tech Sovereignty, Security and Democracy



Data Union Strategy

Unlocking data for AI

The Three Pillars

1. Scale up access to high-quality data for AI and innovation

2. Streamlining data rules

3. Safeguarding the EU's data sovereignty through a strategic international data policy



Data Union Strategy

“The European trusted data framework already sets rules for sharing, metadata, and governance, but further work is needed to address emerging issues”

- Standardisation request for a **European data quality standard** covering completeness, consistency, provenance, semantic clarity, and governance, giving businesses, regulators, and researchers **shared benchmarks** for reliable datasets.
- Dedicated initiative to standardise **annotation and labelling practices**, making data easier to find, combine, and reuse while ensuring trust in its origin and conditions of use, which is critical for scaling AI training and cross-sector reuse.
- Multi-stakeholder workshop to investigate standards for **data capture** from connected products, sensors, and cameras

***Rolling Plan for ICT
Standardisation 2026***

***Annual Union Work
Programme for European
Standardisation 2026***

***Standardisation request +
other initiatives***



Standardisation request (2026)

European Data Quality Standard

- Stakeholder consultation started on 22 April
- Proposing two deliverables:



Data Quality Metrics standard



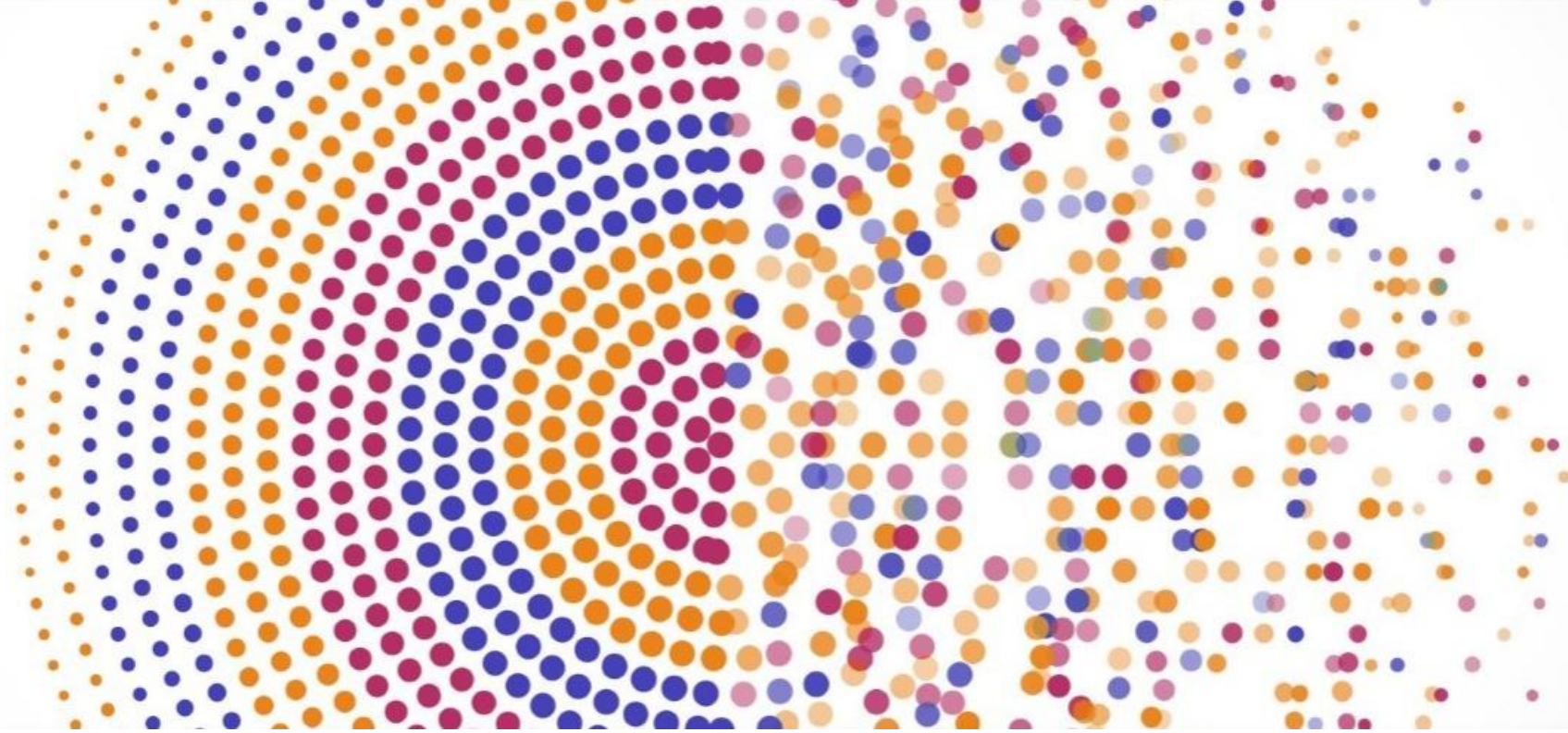
Collaborative Data Quality Management standard

- Both standards are to become integral parts of the European Trusted Data Framework.



Thank you!





3.15 Exchange with the winners of the Web3 Copyright Innovation Challenge (45 min in total)

Moderator: **Philippe Rixhon**

Introduction, José Manuel Panizo Plaza

1) Ignasi Oliva / Jose Ruiz, i2CAT

2) Julia Tsabolova, Spherity

3) Jean-Christophe Barat, Allfeat



Protecting Creativity in the Digital Age

How web3 can support European creativity?



The European Parliament launched a preliminary action.

To examine how NFT-based and decentralised approaches could support the creative sector and IP, structured around a three-step exploratory process.

1

UNDERSTAND

Initial phase to understand the landscape of ongoing European projects addressing product and document authenticity, as well as IP rights management, using distributed ledger technologies.

2

ASSESS

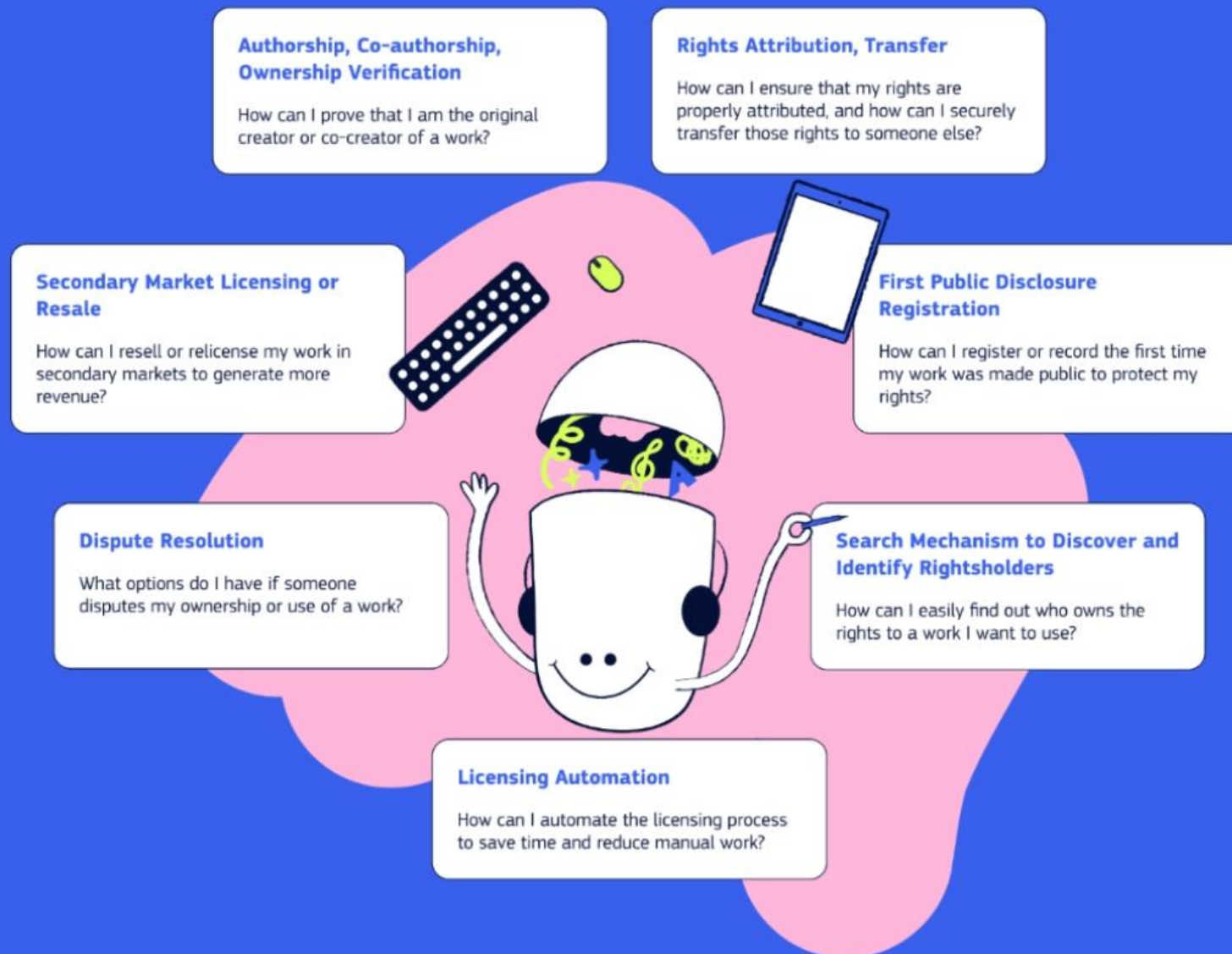
Analytical phase focused on understanding current copyright challenges, through the review of NFT-based and other decentralised approaches for IP protection, informed by exchanges with solution providers and market actors.

3

STIMULATE

Forward-looking phase exploring new approaches to copyright management, aligned with existing European Commission initiatives such as the European Blockchain Services Infrastructure and the EU Digital Identity Wallets.

What are the challenges and needs of the creators in the Digital Age?



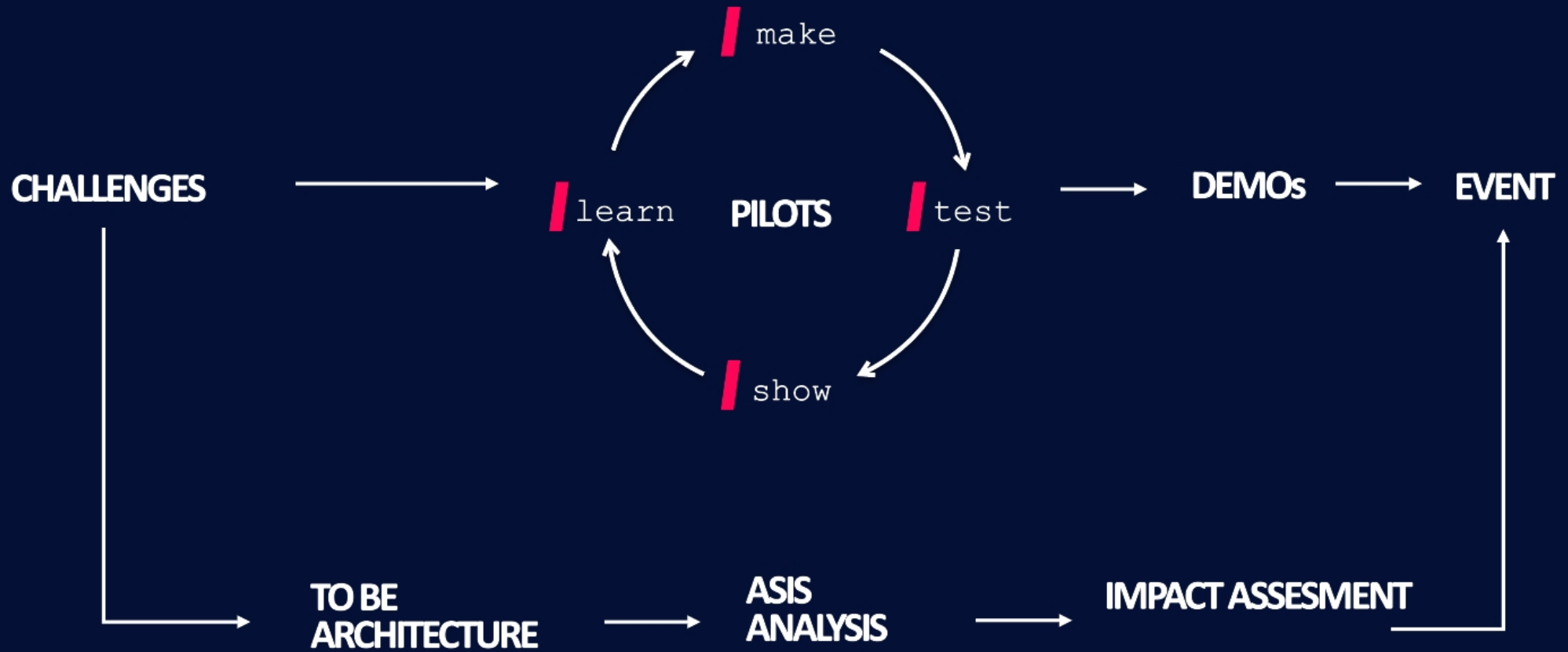


W Tokenisation refers to the process of converting assets, rights, or tangible items into digital tokens on a blockchain, enabling secure, transparent, and easily transferable ownership.



The approach.

A good mix of top-down VS bottom-up

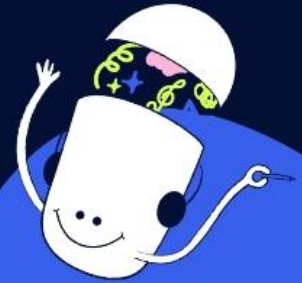


The 2025 Copyright Innovation Challenge.

The first open challenge that invites **startups, developers, designers, legal experts, creatives and researchers** across Europe to reimagine the next generation of copyright solutions – open, creator-centric, interoperable.



07/25
TO
04/26



The journey

01 - CHALLENGE



JUL.

**Challenge
Launch**



SEP.

**Info
session**



OCT.

**Online
pitch day**



NOV.

**Evaluation &
selection**



Scope validation

02 - PILOT



DEC.

**Pilot
Kick-off**



DEC-FEB

**Pilot and
coaching**



FEB

**Pilot
review**

Pilot validation

03 - PITCH



MAR

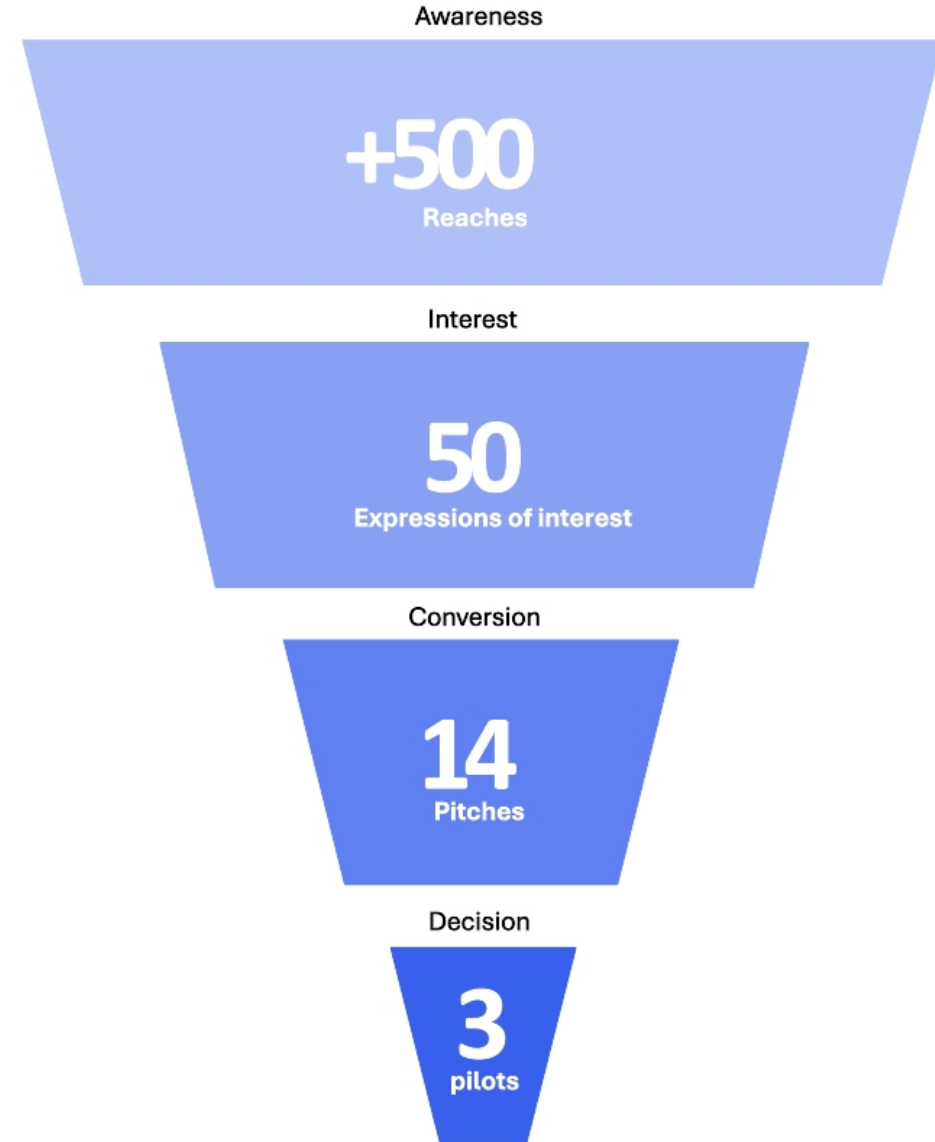
**Demo
Rehearsals**



22/04

**Final pitch at
event.**

W This call to the market confirmed both strong interest and practical readiness.





Three pilots, three markets.

Addressing three different layers of the digital copyright economy



**Creator & consumer
economy market**

Euterpe (i2Cat)

A Web3 platform addressed to creators and rights-holders to empower them to register, certify and monetise authorship.



**Professional/enterprise
licensing market**

Digital Copyright Passport

A verifiable IP licensing system addressed to licensors, licensees and product partners to enable them to certify, approve and verify rights across products and borders.



**Institutional &
infrastructure market**

Allfeat

A public metadata infrastructure addressed to industry operators and institutions to allow them to anchor, timestamp and certify music catalogs at scale.

W What will they deliver?

Concrete

A Working prototype...

A working prototype covering one or more core aspects of the lifecycle of digital rights management.

Compliant

Compliant with regulation...

A clear approach for complying with EU digital identity framework regulation.

Reuse

Based on Web3 & reusing EBSI...

Based on Web3 architecture (e.g. DLT, tokens, smart contracts) and proven to reuse EBSI capabilities or enriching them when appropriate

Compatible with relevant industry identifiers and metadata models

Mobilisation

With an inspiring story to scale.

A clear path to scale or integrate with other copyright-related applications solutions that show potential for real-life application, cross-border use, and collaboration with other existing tools or stakeholders will be prioritised.

W The event

Sharing lessons and perspectives emerging from the preliminary action

01

PART 1

(Plenary)

Understanding the Copyright challenges

- The Case for Tokenisation in Europe
- How web3 can support European creativity?
- LIVE DEMOS - 3 scenarios, 3 markets, 3 Live Demos



02

PART 2

(Break out discussions)

Exploring tokenisation use cases beyond copyright

- Creativity and IP
- Climate, sustainability and traceability
- Investment Bonds case
- Tokenisation in context: synergies with other EU initiatives?



03

PART 3

(Plenary)

How to launch a Tokenisation Platform EU-Wide?

- Recap of key insights from the three breakout discussions
- From pilots to platform: scaling challenges and enablers
- Vision for an EU-wide tokenisation platform

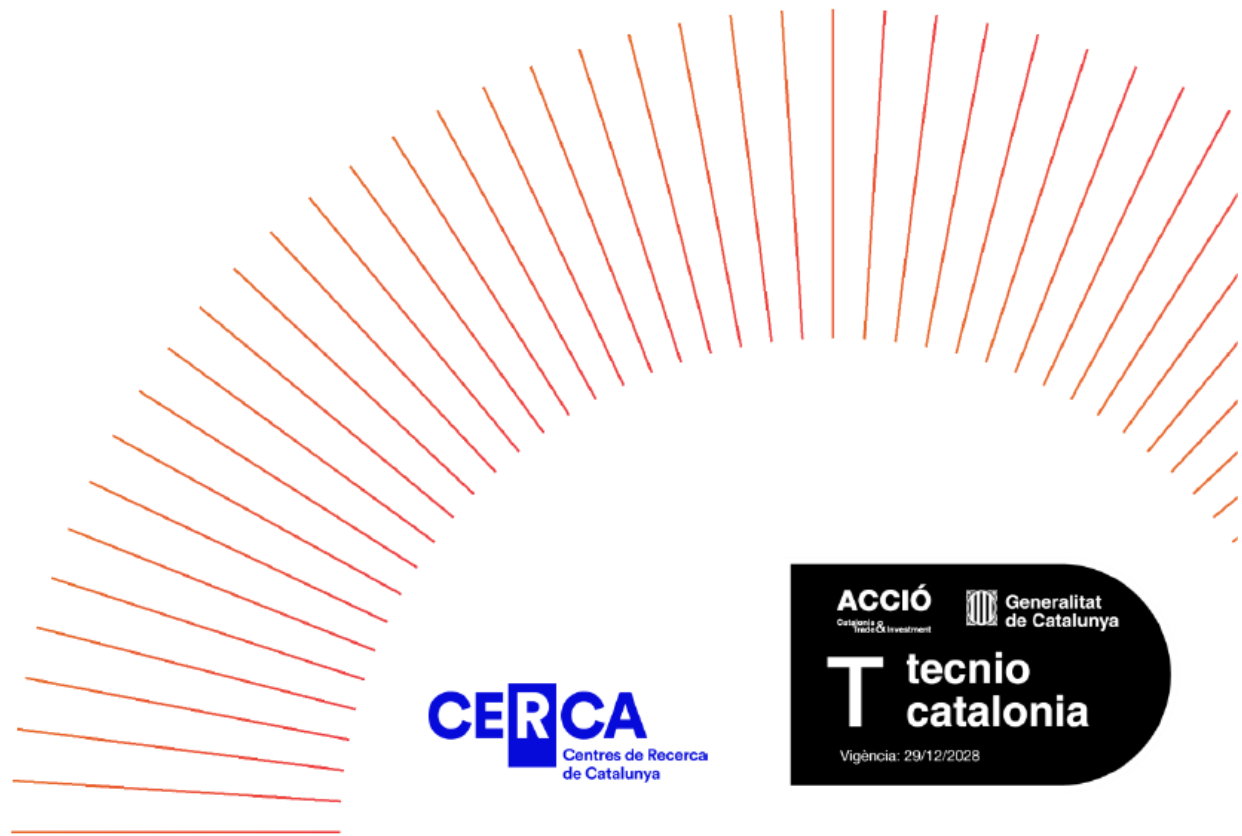
Ignasi Oliva, i2Cat

Euterpe

An interoperable Web3 infrastructure for
Copyrights.

Ignasi Oliva Corrales
Head of Innovation Blockchain and DLT
Cybersecurity & Blockchain DLT Research Group

02/06/2026



01

Context

Bring together and promote the music technology industry to generate synergies to assist the digital transition in the music sector.

⚡ Powered by Blockchain & Verifiable Credentials

Certify Creations, **Protect Your Rights**

Leverage blockchain technology to certify your creative works, prove ownership with NFTs, and license your creations through a decentralized marketplace.



Euterpe is

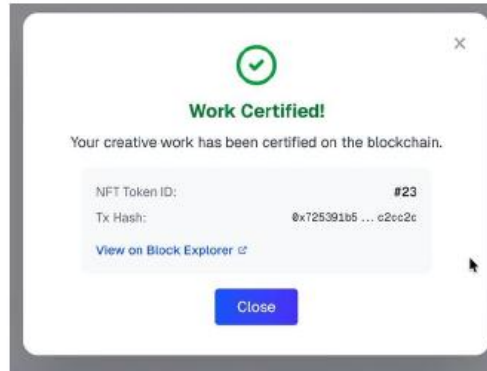
an interoperable and trusted Web3 infrastructure enabling creators and rights-holders to seamlessly register, certify, and monetize copyrights with real-time earnings visibility.

Face challenges - Authorship

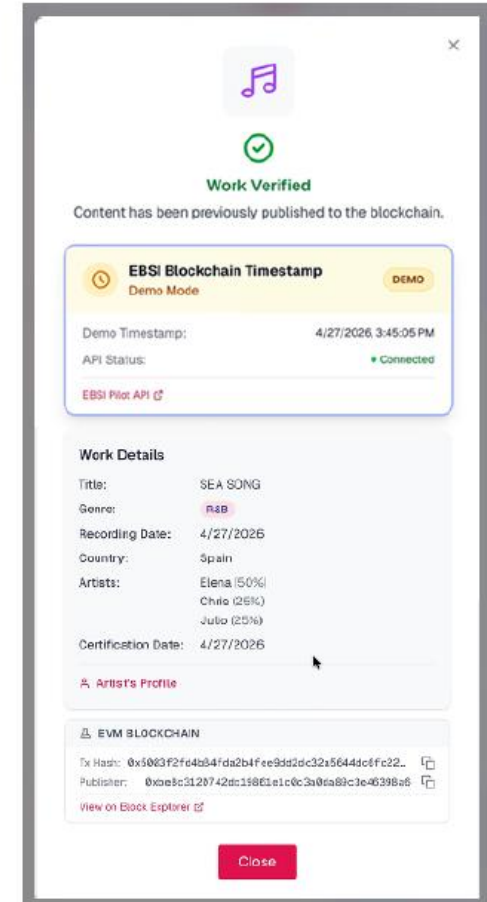
Identity



Register Ownership



Owner Verification



Face challenges - Rights attribution and transfer

Right Programming

List for Rent

Work
TUESDAY CHILL

Price per Hour (EUR)
0.01

Listing Expiration
dd/mm/yyyy, --:--

Rights Transfer
 Include rights transfer with this listing

License Type

- Streaming Platform License Coming soon
- Mechanical License (Reproduction) Coming soon
- Performance License
- Arrangement License Coming soon
- Synchronization License Coming soon
- Master License Coming soon
- Creative Commons Coming soon

Confirm Listing

Licensing automation

Rental Activity

Rented Out Rented In

ACTIVE

WAKA WIKI SONG

0.8 EUR

Apr

WAKA WIKI SONG

.mp3

Active Rental

Owner: 0xbe8C ... 98a6

Type: Rental

Status: Expires in 3h 59m

Tx: 0x2db6 ... 4d52

Renew License

Marketplace

Marketplace

Search by title, Artist name, Min EUR, Max EUR, Newest

WAKA WIKI SONG

Artist: 0xbe8C ... 98a6 #23

NFT Token ID: 0.2 EUR

Price per hour: 0.2 EUR

Listing expires: 1/1/2027 12:00:00 AM

Registered: 4/30/2026

License type: Performance License

Rights transfer: Not included

Rent This Work

Duration (hours): 4

Total cost: 0.8 EUR

0.2 EUR/hr x 4hrs = 0.8 EUR

Rent for 0.8 EUR

Rental Successful!

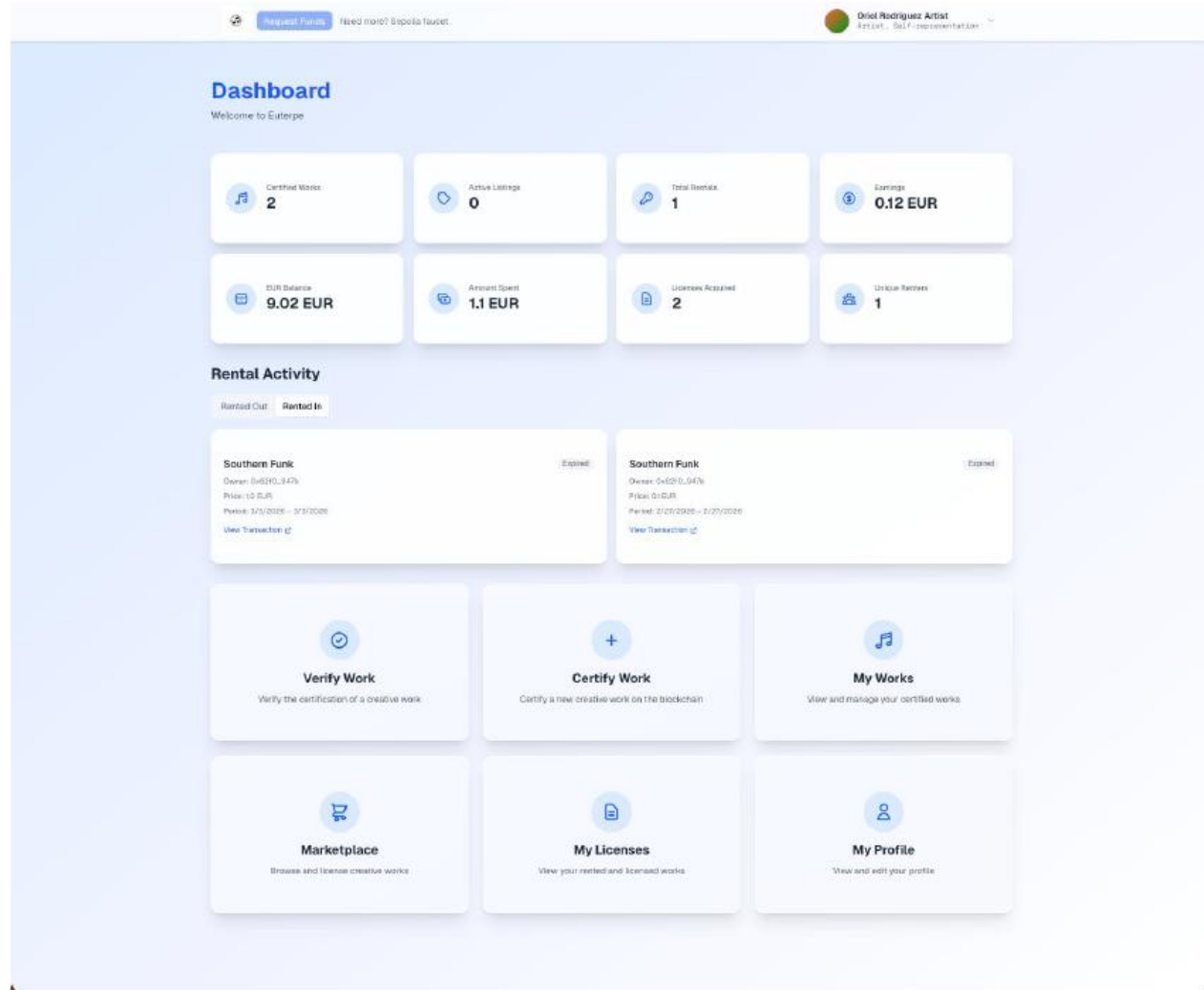
You have rented this work for 4 hours.

View Transactions of

Close

Face challenges - Live analytics dashboard

real-time earnings visibility.



02

Interoperability

Standards

Identity

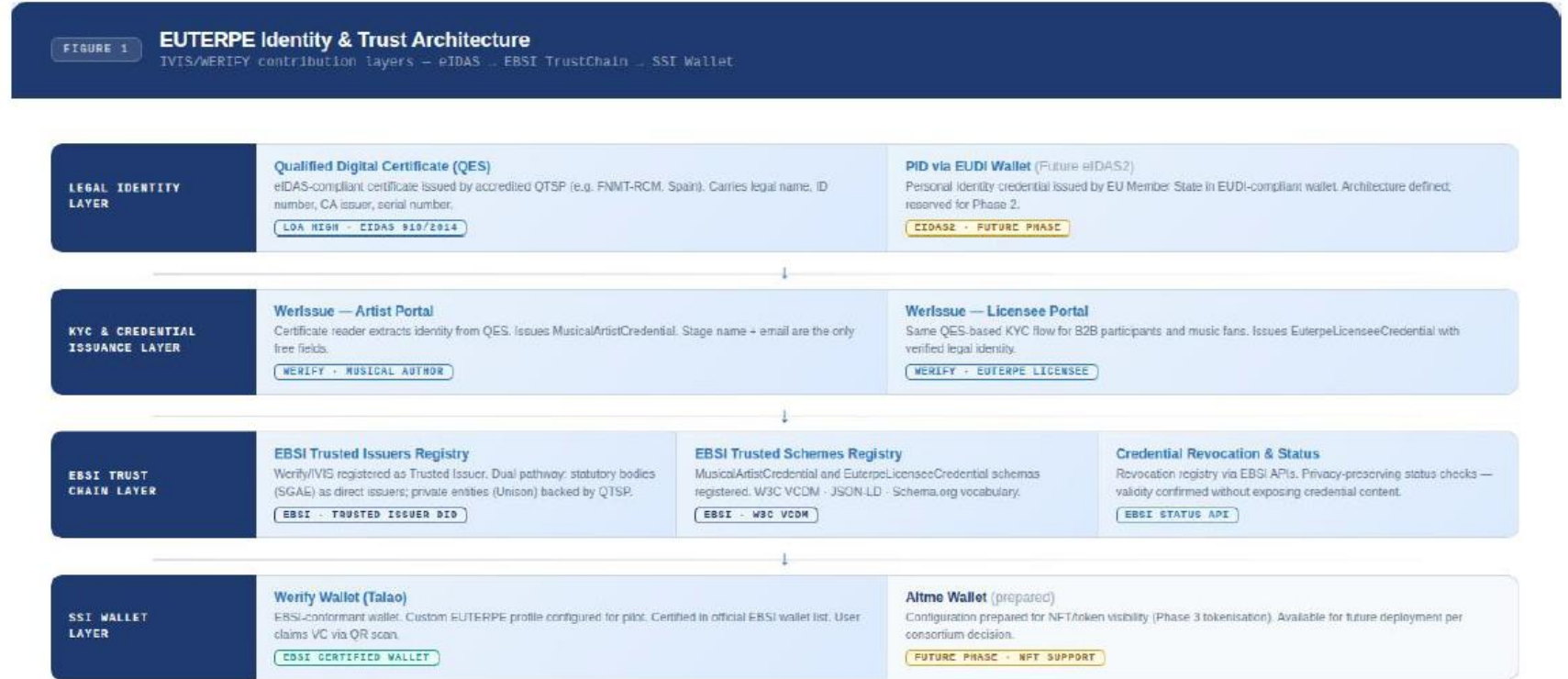
EBSI & EUDI Framework

Qualified Electronic Signature (QES)

Verifiable Credentials

Decentralized Identifier

SSI Wallet



Standards

Trustworthy

BLOCKCHAIN
(EVM Compatible)

ERC-721 / ERC-4907

EBSI's timestamping

The dashboard shows various metrics for the artist's creative works:

- Certified Works: 2
- Active Licenses: 0
- Total Rentals: 1
- Earnings: 0.12 EUR
- EUR Balance: 9.02 EUR
- Amount Spent: 1.1 EUR
- Licenses Acquired: 2
- Unique Partners: 1

Rental Activity

Rented Out	Started In
Southern Fusk Owner: 0x02f1c347b Price: 10.000 Period: 2/1/2026 - 3/31/2026 View Transaction	Southern Fusk Owner: 0x02f1c347b Price: 10.000 Period: 2/1/2026 - 3/31/2026 View Transaction

Navigation options:

- Verify Work: Verify the certification of a creative work
- Certify Work: Certify a new creative work on the blockchain
- My Works: View and manage your certified works
- Marketplace: Browse and license creative works
- My Licenses: View your rented and licensed works
- My Profile: View and edit your profile

Work Certified!
Your creative work has been certified on the blockchain.

NFT Token ID: #23
Tx Hash: 0x725391b5 ... c2cc2c
[View on Block Explorer](#)

Close

Work Verified
Content has been previously published to the blockchain.

EBSI Blockchain Timestamp
Demo Mode DEMO

Demo Timestamp: 4/27/2026, 3:45:05 PM
API Status: Connected
[EBSI Pilot API](#)

Work Details

Title: SEA SONG
Genre: R&B
Recording Date: 4/27/2026
Country: Spain
Artists: Elena (50%),
Chile (25%),
Julio (25%)
Certification Date: 4/27/2026
[Artist's Profile](#)

EVM BLOCKCHAIN

Tx Hash: 0x5063f2f64b94fda2b4fee9dd2dc3215644dcffc22...
Publisher: 0xbe3c3128742db19863e1c6c3a0ea893e46398e8
[View on Block Explorer](#)

Close

03

Trustworthiness

High Level of Assurance (LoA)

Uses EBSI-anchored Verifiable Credentials to create a trusted, dynamic, and decentralized system.

Powered by Blockchain & Verifiable Credentials

Certify Creations, Protect Your Rights

Leverage blockchain technology to certify your creative works, prove ownership with NFTs, and license your creations through a decentralized marketplace.



Create Account

Use your Verifiable Credential to get started

[Sign up — Artist Access](#)


[Sign up — Licensee Access](#)

Use [Atrio](#) or [Tala](#) wallet to obtain your Verifiable Credential.

[Use email & password instead](#)

Already have an account? [Sign In](#)

Network: sepolia



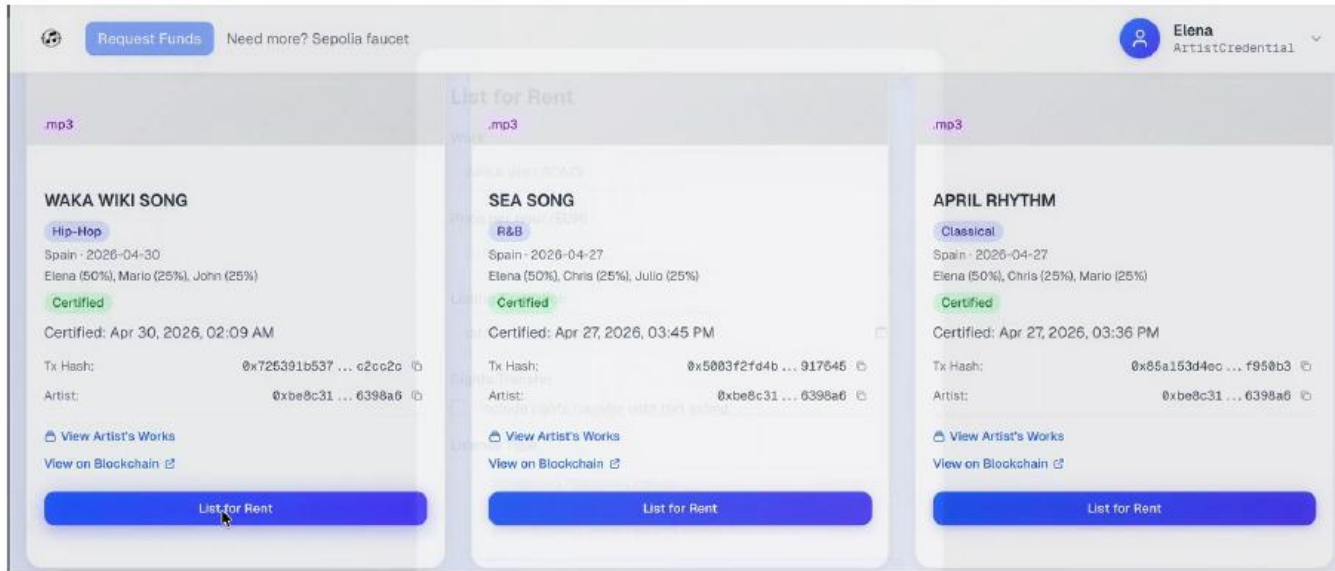
Musical Author Form

[Pre-fill with Certificate](#)

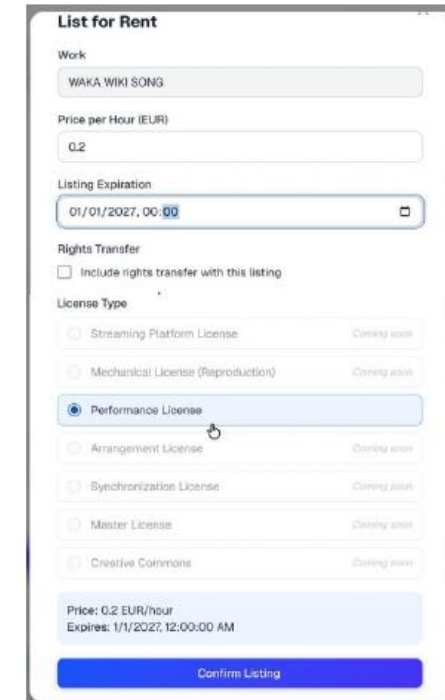
Name: <input type="text"/>	Family Name: <input type="text" value="I"/>	Document Type: <input type="text"/>
Document Number: <input type="text"/>	Artist Name: <input type="text"/>	Email: <input type="text"/>
Onboarding Level: <input type="text" value="Low"/>	Onboarding Credential: <input type="text"/>	Certificate Serial Number: <input type="text"/>
Issuer CA: <input type="text" value="Issuer CA"/>	Country: <input type="text"/>	Expiration Date: <input type="text" value="2027-12-31T23:59:59Z"/>

[Submit](#)

The platform records proof of authorship and ownership on the blockchain (EVM-compatible).



Tokenise rights (ERC-721 and ERC-4907) for publication on a marketplace.



04

Machine-readability

Explore new economic models based on the tokenization of property rights, as well as the rental of such rights.

WAKA WIKI SONG
Hip-Hop
Spain · 2026-04-30
Elena (50%), Mario (25%), John (25%)
Certified
Certified: Apr 30, 2026, 02:09 AM
Tx Hash: 0x725391b537 ... c2cc2c
Artist: 0xbe8c31 ... 6398a6
[View Artist's Works](#)
[View on Blockchain](#)
[List for Rent](#)

SEA SONG
R&B
Spain · 2026-04-27
Elena (50%), Chris (25%), Julio (25%)
Certified
Certified: Apr 27, 2026, 03:45
Tx Hash: ...
Artist: ...
[View Artist's Works](#)
[View on Blockchain](#)
[List for Rent](#)

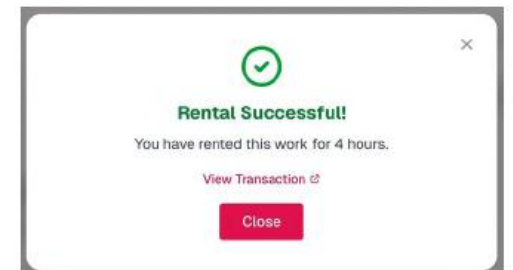
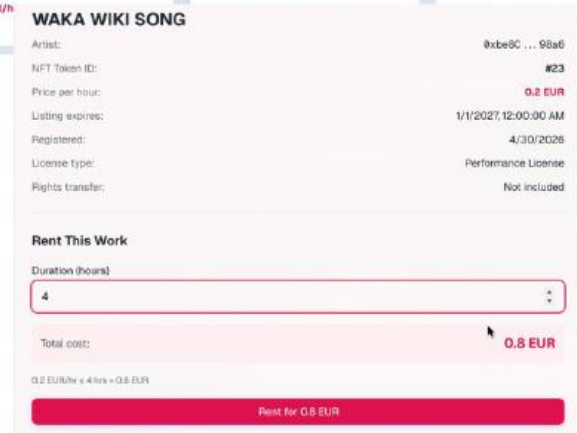
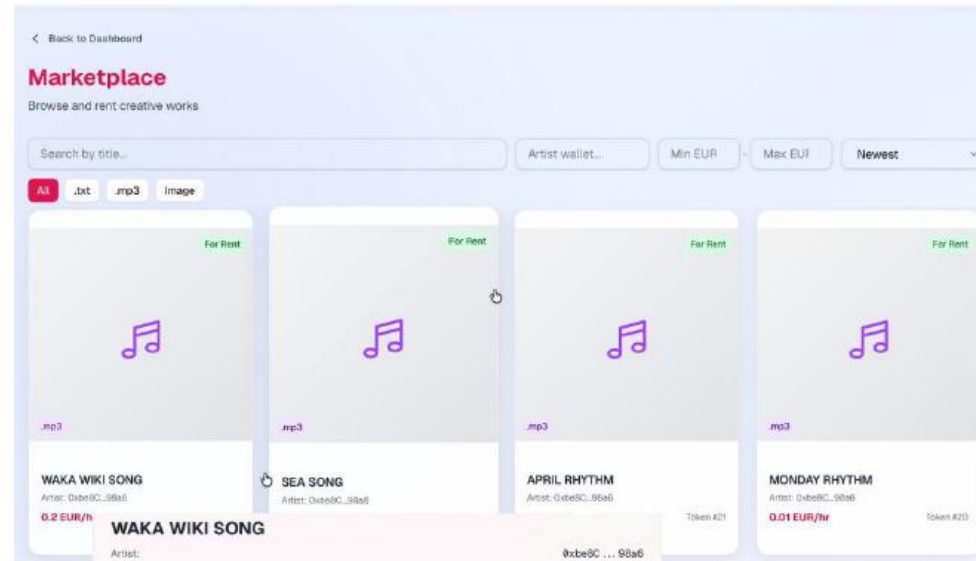
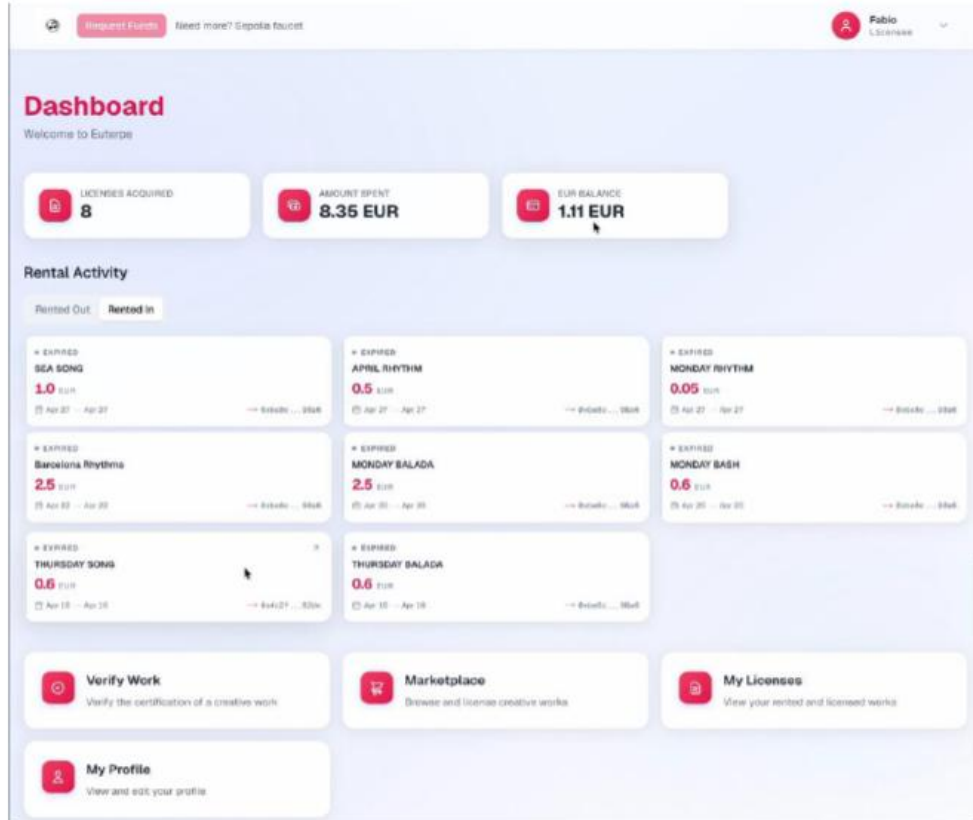
APRIL RHYTHM

List for Rent
Web: TUSGIFT CHILL
Price per Hour: EUR
Listing Duration: 60 minutes
Rights Transfer: Include rights transfer with this listing
License Type: Performance License
 Streaming Platform License
 Mechanical License (Reproduction)
 Arrangement License
 Synchronization License
 Master License
 Creative Commons
[Confirm Listing](#)

Listed Successfully!
Your work has been listed on the marketplace.
[View Transaction](#)
[Close](#)

WAKA WIKI SONG
Hip-Hop
Spain · 2026-04-30
Elena (50%), Mario (25%), John (25%)
Certified
Certified: Apr 30, 2026, 02:09 AM
Tx Hash: 0x725391b537 ... c2cc2c
Artist: 0xbe8c31 ... 6398a6
[View Artist's Works](#)
[View on Blockchain](#)
[Edit](#) [Cancel](#)

Offers an alternative to the traditional market-based economy.



Creators and rights holders register, certify and monetize copyrights seamlessly, with real-time earnings visibility.

Dashboard
Welcome to Eutrope

Creator: Daniel Rodriguez Artist

Contract Works: 2	Active Licenses: 0	Total Rentals: 1	Revenue: 0.12 EUR
EUR Balance: 9.02 EUR	Amount Spent: 1.1 EUR	Licenses Acquired: 2	Unpaid Rentals: 1

Rental Activity

Rented Out | Rented In

Southern Park	Southern Park
Owner: 0x201c...98a6	Owner: 0x201c...98a6
Price: 1.0 EUR	Price: 0.0 EUR
Period: 3/31/2028 - 3/31/2028	Period: 2/21/2028 - 0/21/2028
View Transaction	View Transaction

Verify Work
Verify the certification of a creative work

Certify Work
Certify a new creative work on the blockchain

My Works
View and manage your certified works

Marketplace
Browse and license creative works

My Licenses
View your rented and licensed works

My Profile
View and edit your profile

Rental Activity

Rented Out | Rented In

ACTIVE WAKA WIKI SONG 0.8 EUR Apr 30 - Apr 30 0xbe8c...98a6	EXPIRED SEA SONG 1.0 EUR Apr 27 - Apr 27 0xbe8c...98a6	EXPIRED APRIL RHYTHM 0.5 EUR Apr 27 - Apr 27 0xbe8c...98a6
EXPIRED MONDAY RHYTHM 0.05 EUR Apr 27 - Apr 27 0xbe8c...98a6	EXPIRED Barcelona Rhythms 2.5 EUR Apr 22 - Apr 22 0xbe8c...98a6	EXPIRED MONDAY BALADA 2.5 EUR Apr 20 - Apr 20 0xbe8c...98a6

WAKA WIKI SONG Active Rental
.mp3

Owner: 0xbe8c...98a6
Type: Rental
Status: Expires in 3h 59m
Tx: 0x2db6...4d52

[Renew License](#)

Thank you!

Plaça de Pau Vila, 1
Palau de Mar Building, Sector B - 1st Floor
08039 Barcelona
Tel. (+34) 935 532 510

[X/Twitter](#) | [Linkedin](#) | [YouTube](#) | [Bluesky](#) | [Instagram](#)



Julia Tsabolova, Spherity



From Creation to Protection: Spherity's Trusted *Digital Copyright Passport* (DCP)

Empowering solo-creators and professional IP companies
with secure authorship verification, automated licensing,
clear rights attribution & dispute resolution.

Dr. Carsten Stöcker, CEO Spherity GmbH
carsten.stoecker@spherity.com, +49 1520 8930 990

Dr. Doruk Sahinel, Technical Project Manager
doruk.sahinel@spherity.com, +49 152 5720 4627

Amine Allani, Software Developer amine.allani@spherity.com,
+49 1179 8596 493



Context of Our Work

Digital Copyright Passport
for licensed physical
products

Covers declaration,
attribution, licensing,
authorization proof,
enforcement

QR-linked passport
enables market
verification

Roles: rightsholder,
licensor, licensee,
manufacturer, verifier

CITF Requirements

Trust



European Business Wallet, EBSI, Business-register identity, European Unique Identifier, European Company Certificate

Interoperability



W3C Standards, semantic model, **Digital Product Passport**

Machine-readability



Licences, approvals, provenance, policies as machine-verifiable credentials

Automation



License grant checks, authorization chains, approved concept / artwork approvals

A New Trust Model to Close the Gaps

Key Enablers

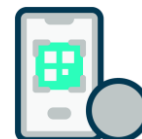
Business Registries, Authorised Issuers



Business Wallets for Legal Persons

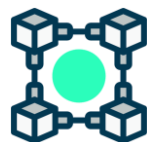
Store all certificates of organizations (Licensors, Licensees, Verifiers)

EU Digital Product Passport Regulation



Digital Copyright Passport

Verifies digital certificates with QR scans
DCPs travel with a product



EBSI Trust Infrastructure

Trust lists of authorised issuers, revocation lists

European Business Wallet



- EV Evonik
- Dashboard
- Credentials
- My Profile
- Organisation Profile
- Credential Presentations
- Power of Attorney
- Applications
- OID Flows

Organisation Profile

Organisation Profile

Overview of the organisation profile



+ Add Credential

This displays data provided by Bundesanzeiger Verlag, which has been verified and certified by them. It offers a comprehensive overview of the shared information, ensuring transparency and clarity in your interactions.

E Evonik Industries AG
DER2503.HRB19474 did:w...d79b62

Address: Rellinghauser Straße, 1-11, 45128, Essen, Nordrhein-Westfalen, Germany
Registration date: 11 October 2006

KYC INFORMATION
Credential status: Active

COMPANY REGISTER INFORMATION
Register type: HRB
Register number: 19474
Register location: Essen
Country code: DE
Register type description: Handelsregister



Credential download
Easily download the company profile or verify the certificate by downloading.

Credential download

LEI Information

LEI	LEI STATUS	LEI NEXT ISSUANCE
41GUOJQTALQHLF39XJ34	issued	5 December 2024

Aligned with the **European Business Wallet** initiative

Developed in the **WE BUILD Consortium**

Together with **EU Business Registries**

One product combines a manufacturer, a franchise, a rights holder, and a character, each being linked to different IP questions.

Why are there so many logos on this box?



Licensee

Franchise/
Brand

Licensors

Copyright
protected
character

Role

Toy Manufacturer

TRANSFORMERS

HASBRO⁽¹⁾

OPTIMUS PRIME

Gaps

Licenses are granted elsewhere with no linking

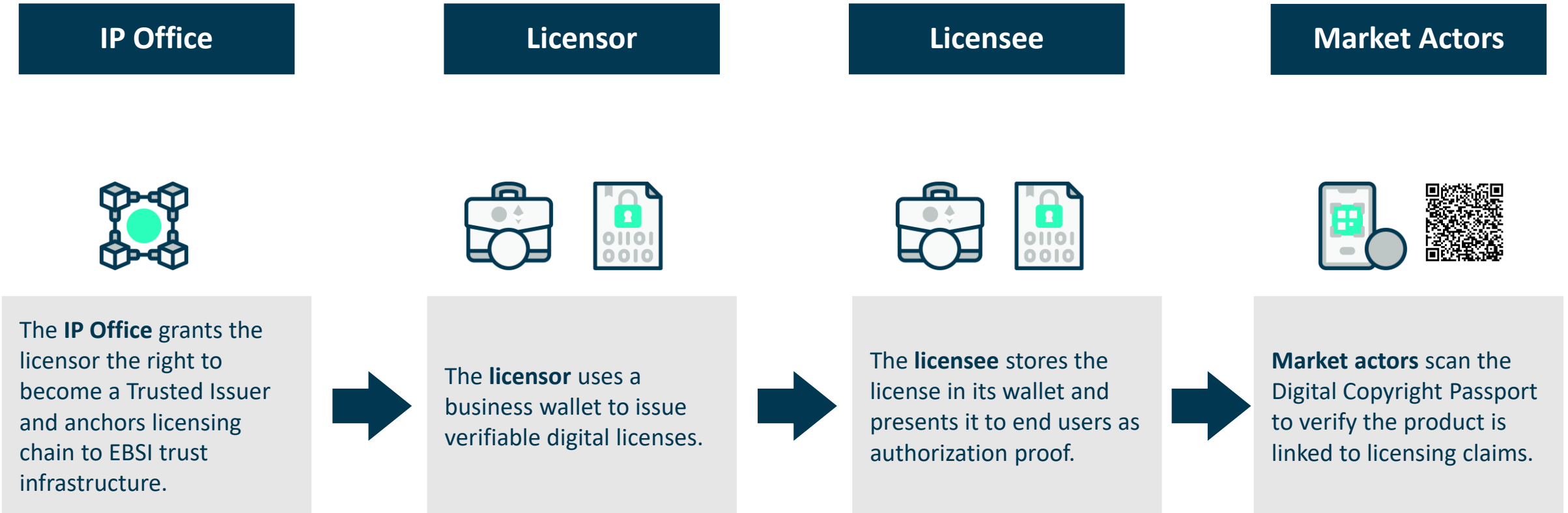
Authorization does not automatically travel with the product

Rights are recorded in different systems

The product moves in the market without reusable proof of authorization

⁽¹⁾ The toy company that created Transformers in 1984 (Rights holder)

How authorization travels in the licensing chain



Application Overview



VERA

A Digital Copyright Passports Solution

Scenario: Licensee * Licensor

A multi-organization verifiable credential flow between
Licensee * Licensor using Digital Copyright Passports.



Licensor

Trusted Issuer



Licensee

[How does this demo work?](#)

[Start demo](#) →

You are logged in as **Julia Tsabolova** · Not you? [Sign out](#)

This is a demo application · Powered by [Spherity](#).

Three clear labels on the flow:

Licensor = Trusted Issuer - accredited via EBSI

Licensee = Credential Holder - Business Wallet

Credentials = License Grant + Approved Concept



VERA



Wallet

Copyright Passports

Wallet

Acting as Licensee

did:ebs1:z23exo5zQPwN0Wuza2bCG2C5

All Received **Accepted** Refused Failed

License Grant

01K5NG3GR6YBNZDBFNWFZEKXQA

Issuer did:ebs1:z231TPea17K3F8aivGm6NZLk Subject did:ebs1:z23exo5zQPwN0Wuza2bCG2C5

Received 27 May 2026 Valid from 27 May 2026 Expires -

Accepted

Approved Concept

01K55CMCEHEG1GPQR3AFARP03G

Issuer did:ebs1:z231TPea17K3F8aivGm6NZLk Subject did:ebs1:z23exo5zQPwN0Wuza2bCG2C5

Received 21 May 2026 Valid from 21 May 2026 Expires -

Accepted

Digital Copyright Passport – Verification Example



1. Scan the QR-Code



Verify Product Passport

Click the button below to verify the credential signatures.

Spherity ▾

Start Verification

The verification interface features a title 'Verify Product Passport' and an instruction 'Click the button below to verify the credential signatures.' Below this is a dropdown menu with 'Spherity' selected and a downward arrow. At the bottom is a red button with a white checkmark icon and the text 'Start Verification'.

2. Click start verification button



Verifying Credentials ✕

Verification complete!

Progress: 3/3 credentials verified.

- ✓ | Work / Asset Provenance v0.1.0 ▾
- ✓ | License Grant v0.1.0 ▾
- ✓ | Approved Concept v0.1.0 ▾

The verification results screen has a title 'Verifying Credentials' with a close button. It displays 'Verification complete!' and a progress bar that is fully green, with the text 'Progress: 3/3 credentials verified.' below it. A list of three verified credentials follows, each with a green checkmark, the credential name and version, and a downward arrow.

3. Verify all credentials



Contact Us

Build secure digital identities for enterprises, machines, algorithms, and other non-human entities with self-sovereign identity solutions.



Address

Emil-Figge-Straße 80,
44227 Dortmund, Germany



Website

www.spherity.com



Email

info@spherity.com

Jean-Christophe Barat, Allfeat



Connect all Music IPs.

Clean Data

Identify Right

More Money

“Music Better With You”

Market value.

Generated by the yearly music industry royalties

*Market expected to grow +7% per year
for the next decade in LatAm, Africa, Asia*

1

Total Addressable Market

Royalties from Masters and Works

44Bn\$.

2

Serviceable Addressable Market

Worldwide Royalties collected from Works

14Bn\$.

3

Serviceable Obtainable Market

Mapping all works and masters in one open-source place

2,5Bn\$.

CONTEXT

**\$2,5Bn lost every year
because of broken data.**

\$14B global music publishing market · **\$2.5B** blocked by broken data, every single year

CONTEXT

5 registers. 6 identifiers. 228 Collectors.
Zero interoperability.

01

CISAC

IPI
ISWC

02

ISO

ISNI

03

IFPI

ISRC

04

SCAPR

IPN

04

GS1

UPC / EAN

01

IPI

AUTHOR
COMPOSOR
PUBLISHER

02

ISNI

CONTRIBUTOR

03

IPN

PERFORMER

04

ISRC

RECORDING

05

ISWC

WORK

06

UPC / EAN

PRODUCT

European music metadata.

2008

2014

2018

2019

2022

2022

GRD

- Failed
- €14Bn

CRM

- IME
- CMO

EBSI

- Peer
- VC

DSM

- Art 19
- Right

DSA

- R2065
- Audit

DMA

- Gatekeeper
- competition

Still lack of interoperability.

Unifies the music data model.

BEFORE 2026

IPI · from CISAC · FRANCE

ISNI · from ISO · SWITZERLAND

IPN · from SCAPR · BELGIUM

ISRC · from IFPI · ENGLAND

ISWC · from CISAC · FRANCE

UPC / EAN · from GS1 · BELGIUM

NO CONNECTION



AFTER 2026

 Allfeat.

IPI

ISWC

ISNI

ISRC

IPN

UPC

1 SOURCE OF TRUTH

Assertion of data model.

AVATAR



PROTOCOL OF METADATA



Open-Source model.

BLOCKCHAIN

- Write data -

- The token AFT is used to pay the transaction fees. Catalogs registry (MIDDS) is the main transactions registry.
- Avatar
- Protocol Of Metadata
- Transaction fees
\$ 0,002 per transaction
- Catalog storage
\$ 0,04 per Album
(500M catalog)

ECOSYSTEM

- Read data -

- Application are using SDK to deploy their use-cases and transaction process. Allfeat builds some applications.
- Royalties paiement (\$45Bn +)
- Advance paiement (\$30Bn)
- Music Defi (\$14Bn)
- TimeStamp (\$100M)
- Indexer (Sub)
- AI Consent (tx fees)
- StableCoin paiement

Built to empower music industry.



Layer 1 Blockchain

Substrate / Rust — Proof of Authority

Architecture built exclusively for music.

No compromises, no generic stack.



6 second Blocks

\$0.002 per transaction

Ultra-fast, near-free, near-zero carbon footprint.



Open Source

Decentralised governance

Governed by music industry stakeholders.

No central owner. Non-profit.



Foundation based in Switzerland

Legal value across the world

Solid, transparent legal framework for all applications using Allfeat

THE TEAM

Founding team.

A musical quatuor driven by technology



CEO

BARAT JeanChristophe

- AFNOR – Blockchain Commission
- Music tech France
- Compensation & Benefit advisor
- Royalties' manager
- Wealth Manager
- Blockchain certified - ALYRA



CTO

LAGOUTTE Lois

- DAW engineer / electro
- RUST Specialist
- Substrate – Blockchain
- Blockchain Advisor
- Blockchain certified - ALYRA



COO

GALEA Joris

- IA, Blockchain certified
- COS of the I4T Knowledge Network (supported by UNESCO)
- ex- CFO/ CHRO: from €2M to €50M Revenue + 14 M&A + 90M€ fundraising in 3 years



Product

GOUT Jerome

- Bass guitarist
- Blockchain certified - ALYRA
- Product/Scrum coordination
- IT Services Company founder
 - Ex-CEO
 - Exit round in 2020

“Music Better With You.”

Foundation for music Sovereignty