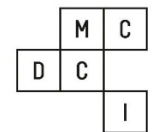




Making Audiovisual Grey Holdings Findable: The AVefi Infrastructure

Team AVefi – Matti Stöhr, Stefan Stretz
Global Forum for Publishers in Grey Literature, Hannover 2026



Agenda



1. Idea & context of AVefi
2. Dealing with heterogeneous collections and data
3. Building and maintaining a robust, user-friendly infrastructure and service [DEMO]
4. Initiating and sustaining a partner and user community
5. Discussion & Feedback



DFG-Project **AVefi**

„Automated interlocking system for audiovisual holdings via uniform film identifiers “

- Building on the preliminary project “Archiving Strategy for Audiovisual Material” (2019–2021) – Context: Long-term archiving
- Funded by DFG-LIS
- Original duration: 11/2023–10/2025
- The second project phase, “AVefi plus”, has commenced seamlessly (duration: 36 months)

Partner



5 joint partner within the consortia

- TIB - Leibniz-Informationszentrum Technik und Naturwissenschaften
- Stiftung Deutsche Kinemathek (SDK)
- Filmmuseum Düsseldorf (FMD)
- Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG)
- Marburg Center for Digital Culture and Infrastructure (MCDI) [seit 1/2026]

Involvement of 15 practice partners across two phases



Project idea & context



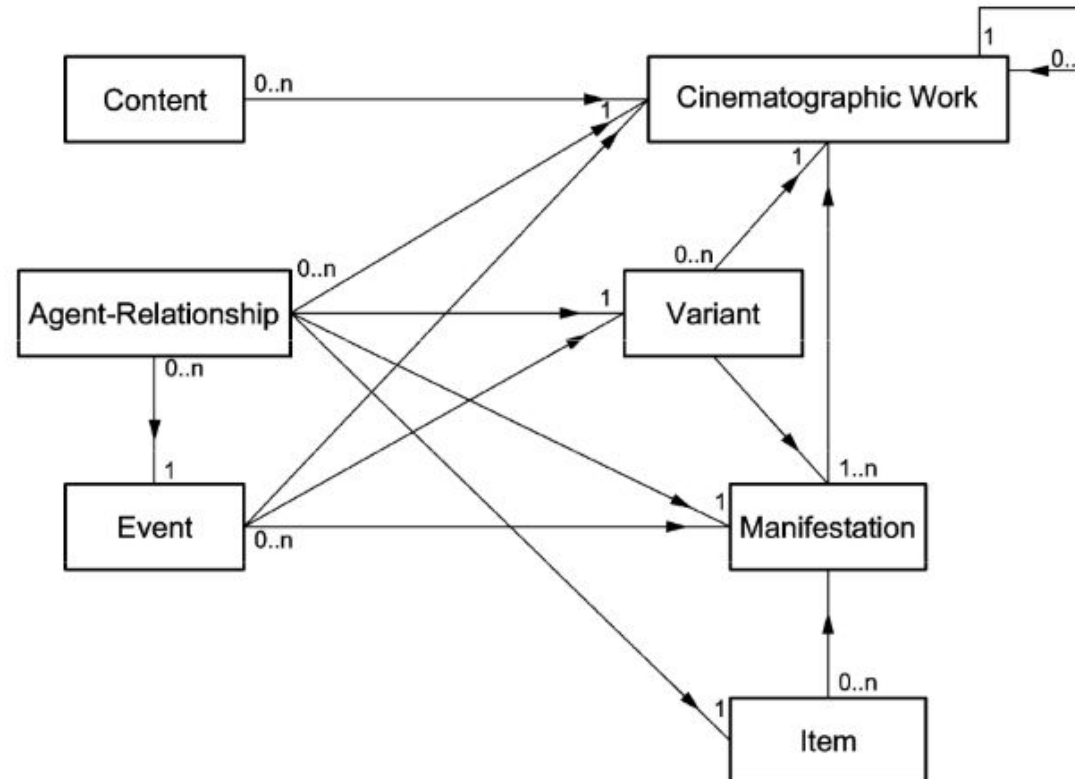
Problem:

- Heterogeneous, difficult-to-use film metadata
- Lack of central identification and cross-institutional search and comparison

Objectives:

- Uniform film identification (efi/PID system)
- Metadata standardisation (where possible)
- Cross-collection and cross-institutional networking
- Comparative search
- Open, sustainable platform for research and archives based on Open Science and FAIR principles

AVefi-Data scheme – Data modell



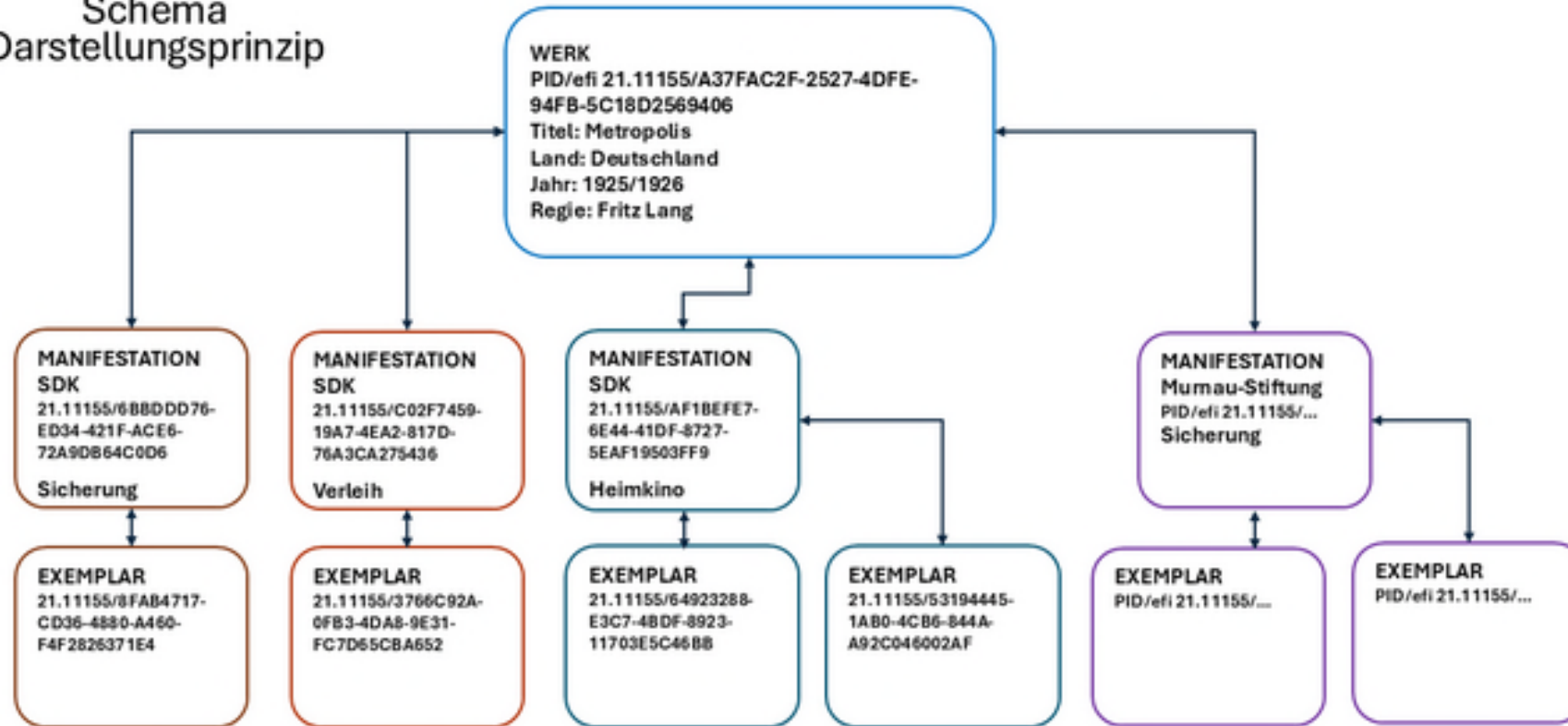
Sources:

FIAFCore <https://fiafcore.org/>
www.filmstandards.org, EN15907

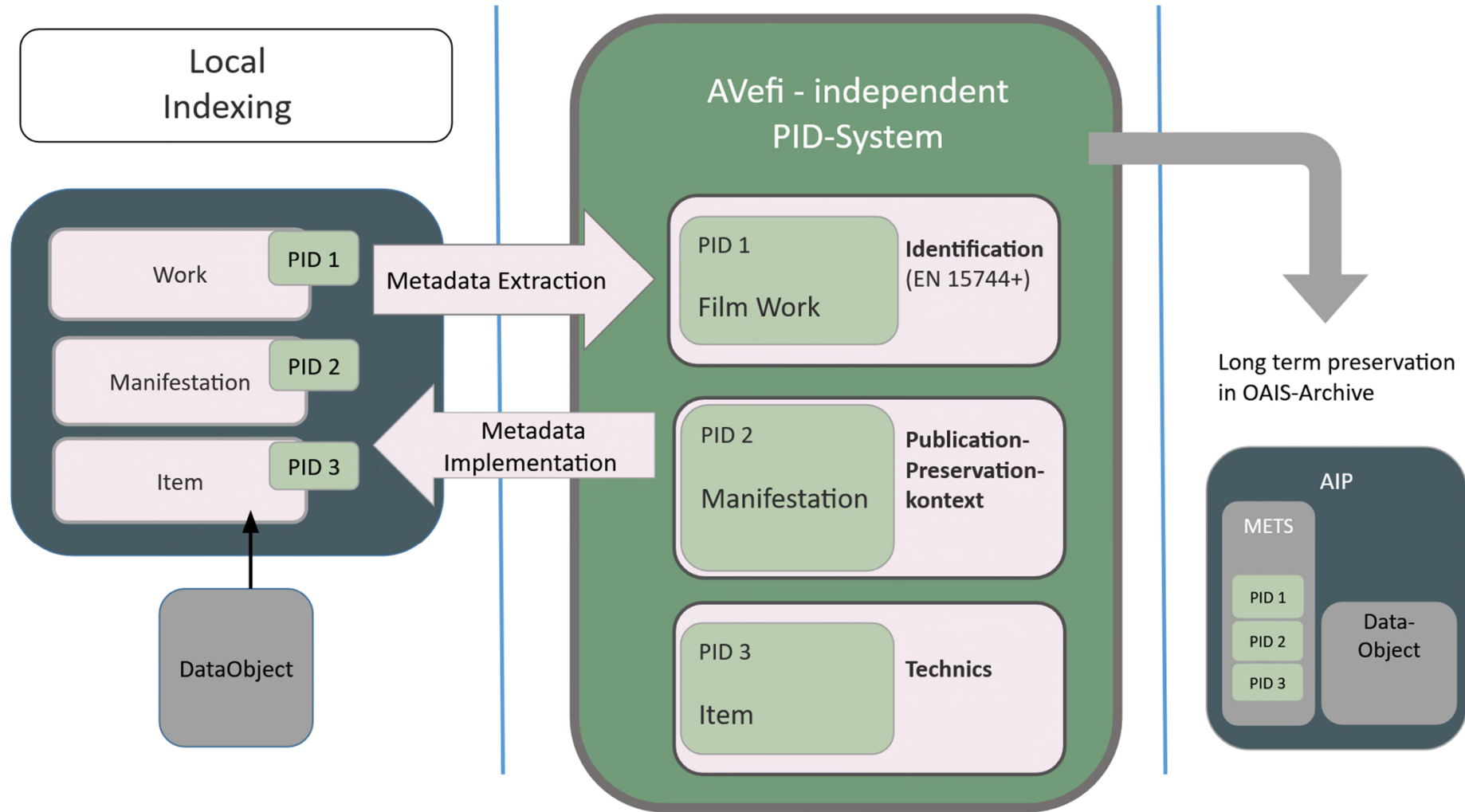
AVefi-Data scheme – Data modell



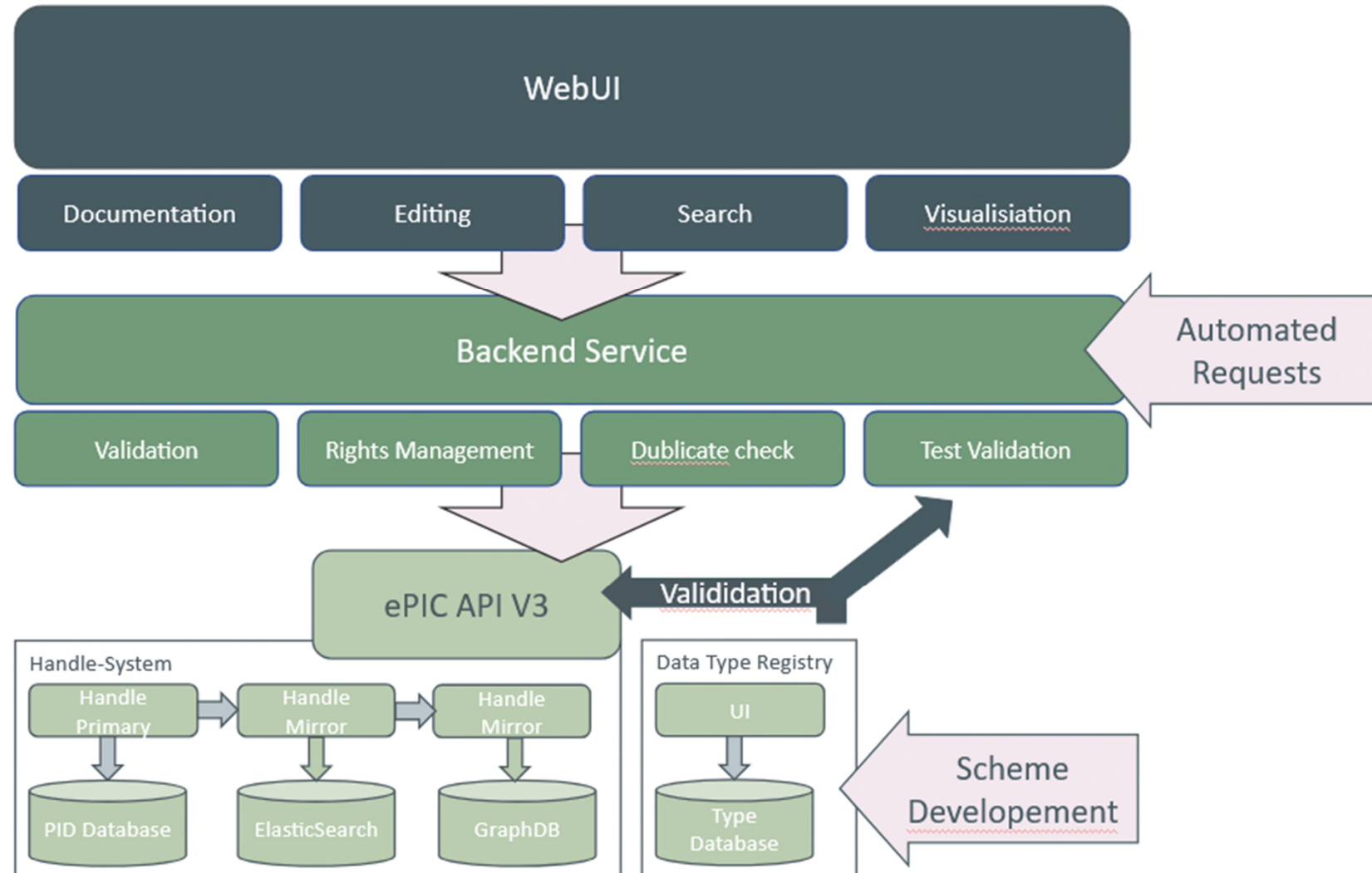
Schema Darstellungsprinzip



System architecture and data flow



System architecture and data flow



Open licensing



  **CC0 1.0**
CC0 1.0 Universell
Deed

Open source development



<https://github.com/AV-EFI/>

A screenshot of the AV-EFI GitHub organization page. The page has a dark header with navigation links: Platform, Solutions, Resources, Open Source, Enterprise, and Pricing. A search bar and "Sign in" / "Sign up" buttons are on the right. The main content area shows the AVefi logo and a "Welcome to the AV-EFI Organisation" message. Below the message, there's a "Popular repositories" section with six repository cards: "av-efi-schema" (Python, 4 stars), "efi-conv" (Python, 2 stars), "collections2efi" (Python, 2 stars), "frontend" (TypeScript, 1 star), ".github", and "mets2handle.dk" (Python). The right sidebar shows "People" (no members) and "Top languages" (Python, TypeScript, XSLT).

User Requirements



Proto-personas:

Film and media scholar

Archivist and metadata expert at a
(film) cultural heritage institution

Multimedia editor for knowledge-based content

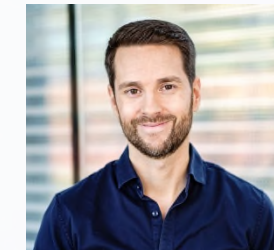


Identified (core) needs:

Intuitive search & filtering

Clear work/manifestation/item structure (tectonics)

Comparison view & export functions



Derived from this: User stories, e.g.,

"As a user, I want to be able to efficiently search for films
in order to reliably find suitable works or versions."

Use Case Scenario



Persona: **Maya** (43) – Academic film archivist
Film-holding institution · daily work with AV metadata

Practical tasks:

Query for Fritz Lang's „Metropolis“ and „Solo Sunny“:

- What versions do exist?
- Where are digital copies located?
- Are there conflicting details in other archives?

Why AVefi?

- Metadata comparability
- Persistent identification via PID
- Data export for internal documentation
- Support for quality assurance (?)



*„Out of the dust –
into the metadata!“*

Live-Demo:



<https://www.av-efi.net>

Collaboration

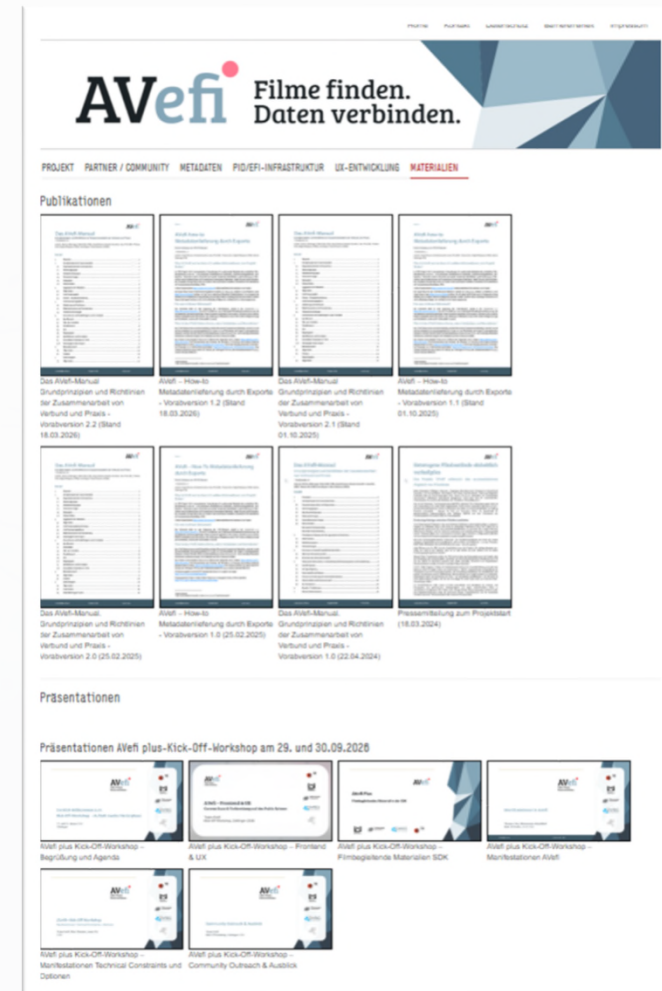
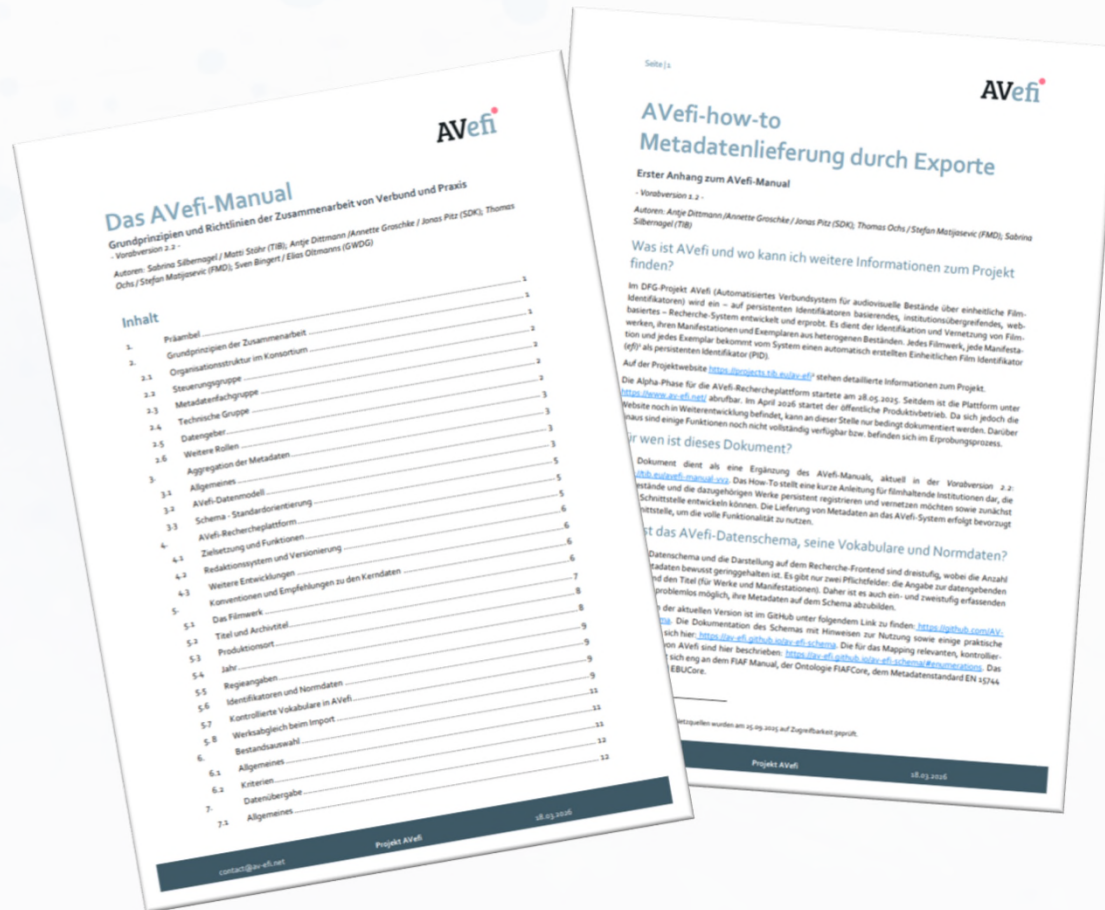


Consortium organisational structure:

- Network partners
Steering Group, Metadata Expert Group, Technical Group
- Practice partners
- Other roles: Advisory expert community & User expert community

Making effective use of resources to achieve a common goal:
a sustainable contribution to safeguarding audiovisual cultural heritage and
its long-term archiving – infrastructure for research and scholarship

Materials



<https://projects.tib.eu/av-efi/materialien/>

Infrastructure for Communities



- PID-Registration
 - Archives and film collection as data provider
- User centered development of the platform
 - Users:
 - Archival work & restoration
 - Research & teaching (film and media studies, digital humanities, other film-related humanities, social sciences and cultural studies)
 - Collection research (e.g. TV editorial work, curatorial and educational practice)

Phase II (2025-2028): **AVefi Plus**

Expansion and establishment of the integrated system

- Source acquisition & data expansion
 - Additional collections & metadata integration
- Expanding the data model: film-related materials
- Further development of the editorial system
- Promoting data literacy
- Operational concept & sustainability
- Objective: Long-term safeguarding of the infrastructure through the consortium and the AVefi community

Sources & References



<https://www.nngroup.com/articles/persona/>

<https://www.persona-institut.de/en/proto-personas-intuitives-zielgruppenverstandnis-schaffen/>

<https://github.com/AV-EFI/>



More information

<https://www.av-efi.net>

<https://projects.tib.eu/av-efi>

Mailinglist

<https://listserv.gwdg.de/mailman/listinfo/av-efi-community>

Contact

contact@av-efi.net



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