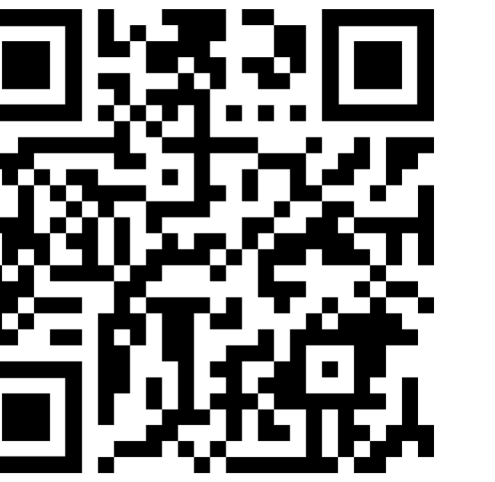


HMC Conference, 10 – 12 October 2023

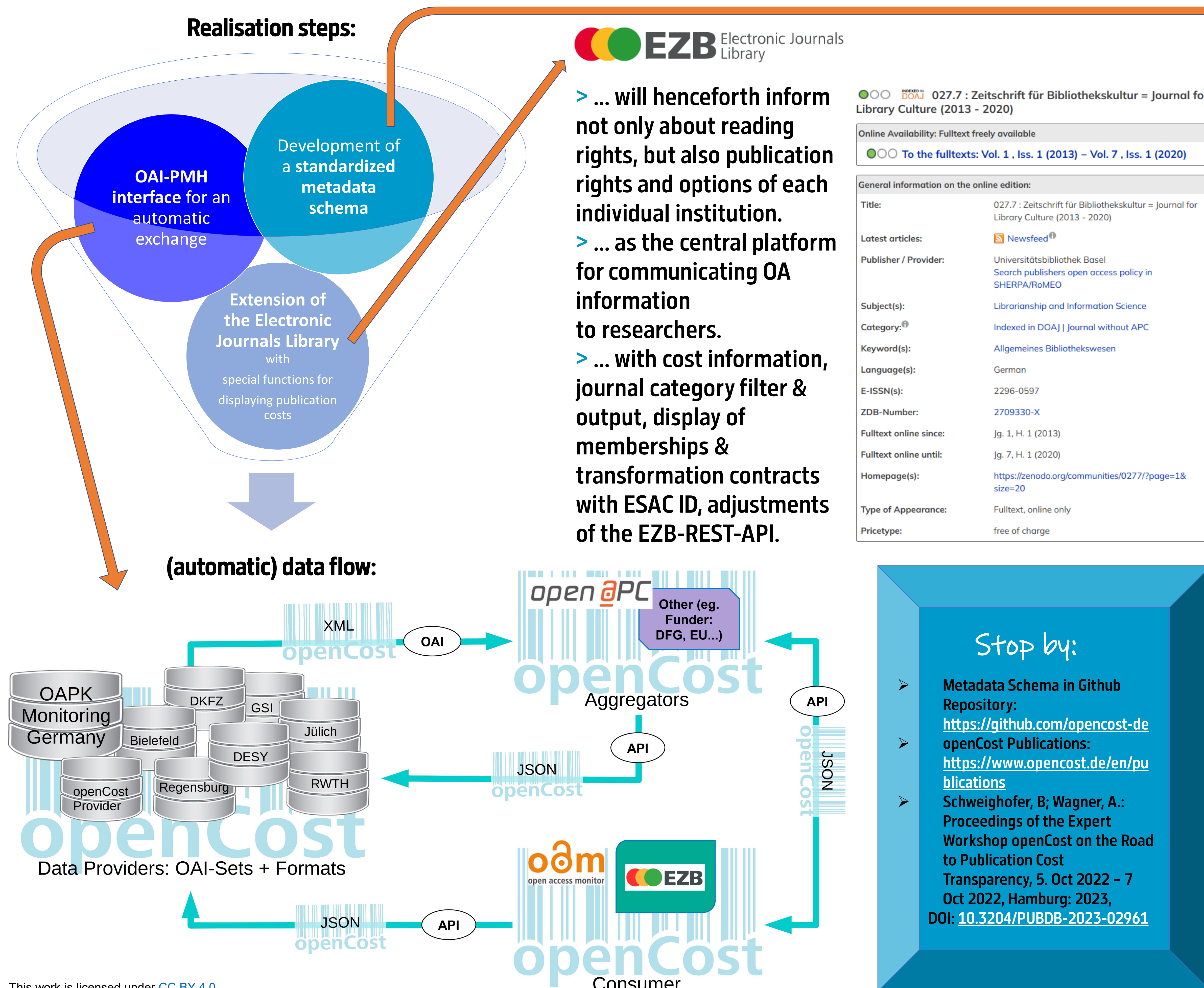
Publication cost transparency within the Helmholtz Community and beyond: openCost metadata for different publication types – from APCs up to research data



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The project openCost: Automated, standardized delivery and open provision of publication costs and publishing agreements

To foster fairness in science we are creating a technical infrastructure that allows us to comprehensively record all costs involved in scholarly publishing and subsequently make them freely accessible by means of standardized interfaces. This is supposed to enable cost transparency on an institutional, national and international level.



A, B, C, D, E ...

contract

The alphabet of publication costs

Preliminary & future openCost metadata schema integrating:

Article Processing Charges
Book Processing Charges
Chapter Processing Charges
Data Processing Charges
Electronic Publishing Contracts

DPC? So what about research data?

publication

```

--- primary_identifier
|--- doi _OR_ bibliographic_information

--- secondary_identifiers
|--- id type=doi
|--- id type=local
|--- id type=oai

--- institution
|--- institution_id type=nor
|--- institution_name type=short

--- type
--- external_costssplitting
--- cost_data
|--- part_of_contract
|--- invoice_id
|--- primary_identifier
|--- invoice
|--- amount_invoice
|--- dates
|--- date_paid
|--- date_invoice
|--- creditor
|--- invoice_number
|--- amounts_paid
|--- amount_paid
|--- amount_paid

--- invoice

```

contract

```

--- contract_name
--- institution_join_date
--- institution_exit_date
--- relevant_publication_date

--- institution
|--- institution_id type=nor
|--- institution_name type=short

--- primary_identifier
--- secondary_identifiers
|--- id

--- cost_data
|--- invoice
|--- invoice_id
|--- amount_invoice
|--- dates
|--- date_paid
|--- date_invoice
|--- invoice_period
|--- from
|--- to
|--- creditor
|--- invoice_number
|--- amounts_paid
|--- amount_paid
|--- amount_paid

--- invoice

```

Perspective: Extension of the openCost metadata schema to costs related to the publication of research data

The publication of data is becoming increasingly important and raises many questions in the publication process, and related costs also require a transparent, standardized approach right from the start. This calls for close collaboration with the community early on to identify relevant parameters.

