Who is interested in receiving ‘easy reports’?
Who wants to connect with their research?

Handy Excel export for basic analysis
Direct alerts can come by e-mail or fed into desktop system at use

Standardised ‘messaging’ protocol in JSON
Rich and granular data; can be fed automatically into own/3rd party systems or data hubs for further analysis, data visualisation and reporting

Research & Scholarly Communications Support and Library Acquisitions & Licensing
Manage paid-for OA publications, assess eligibility for centrally managed OA funds and agreements, evaluate deal ROI, organise cost allocation, and confirm deal compliance.

Institutional Repository and CRIS
Support academic staff throughout the process of applying for funding, create and extend records of all researchers’ (OA) publications, and manage full research life cycle information.

Information Management & Reporting
Monitor publishing activity on a regular basis, turn data into information and knowledge through analysis and visualisation, provide metrics for justifying research strategies and directions, and take care of internal/external reporting.

Consortium management
Possibly all of the above. Further, they negotiate and oversee agreements with publishers, monitor uptake and compliance, and allocate cost over their members.

Research Funder
Assess extent and impact of research funding. Policy compliance and development. Monitor publishing activity on a regular basis.

OA Switchboard: a safe space for publication metadata

Section 1:
What’s on the envelope? ‘Metadata about the metadata’. Who is the sender, who is the recipient, why do I get this message?

Section 2:
Corresponding author(s) and affiliation(s). All author(s) and affiliation(s).

Section 3:
Article level metadata, with applicable journal metadata. Valid at publication (VoR) stage. Meeting the ESAC and Jisc recommendations.

Section 4:
Financial settlement data at article level (applicable deal, APC and other charges and discounts).

Structured data format
Leveraged with PID’s Authoritative data from source

*authors*: 
{
  "isCorrespondingAuthor": false,
  "firstName": "Zack",
  "lastName": "Zest",
  "initials": "Z",
  "email": "zack@uniledu",
  "listingOrder": 1,
  "affiliation": "Department of Plant biology, Maastricht University",
  "institutions": [
    {
      "name": "Maastricht University",
      "ror": "https://ror.org/02pj4qjtf"
    },
    {
      "name": "Royal Conservatory of Brussels",
      "ror": "https://ror.org/633wwej35"
    }
  ],
  "currentAddress": [
    {
      "name": "Vrije Universiteit Brussel",
      "ror": "https://ror.org/09s6kg04"
    }
  ],
  "ORCID": "111"
}
"creditLines": [
  "methodology",
  "collaboration": "NWO25"
]

"firstName": "Yvette",
"lastName": "Yoie",
"initials": "Y.Y",
"email": "Yvette@uni.org",
"listingOrder": 2,
"isCorrespondingAuthor": true,
Different ways to process and use the publication metadata

We manually download reports from different sources and analyse the data in a custom-made Excel spreadsheet with pivot tables.

Librarian, UK University

Consortium UKB has built a datahub, with underlying data model, in which reports and data feeds from different sources and system are loaded. Through tailored interfaces extensive analysis and views are possible.

Program Manager UKBsis at UKB, The Netherlands

For data analysis and visualisation of large data sets I work with Python, for which I program the scripts myself.

Data Scientist, Japan

We use an off the shelf data analysis and visualisation tool and use templates to plug and play.

Librarian, USA University
Standardised ‘messaging’ protocol in JSON

Rich and granular data can be fed automatically into own or 3rd party systems or data hubs

Author(s) metadata (JSON)

```json
"authors": [
  {
    "isCorrespondingAuthor": false,
    "firstName": "Zack",
    "lastName": "Zett",
    "initial": "Z",
    "email": "zack@juneau.edu",
    "listingorder": 1,
    "affiliation": "Department of Plant biology, Moesricht University",
    "institutions": [
      {
        "name": "Moesricht University",
        "orcid": "https://orcid.org/022409"
      },
      {
        "name": "Royal Conservatory of Brussels",
        "orcid": "https://orcid.org/0335635"
      }
    ],
    "currentaddress": [
      {
        "name": "Vrije Universiteit Brussel",
        "orcid": "https://orcid.org/0645404"
      }
    ],
    "ORCID": "1111",
    "affiliation": "Department of Plant biology, Moesricht University",
    "institutions": [
      {
        "name": "Royal Conservatory of Brussels",
        "orcid": "https://orcid.org/0335635"
      }
    ],
    "isCorrespondingAuthor": false
  }
]
```

Publication metadata (JSON)

Charges metadata (JSON)