AVEDAS
Innovation Management

CONVERIS for the management of publications & bibliometrics

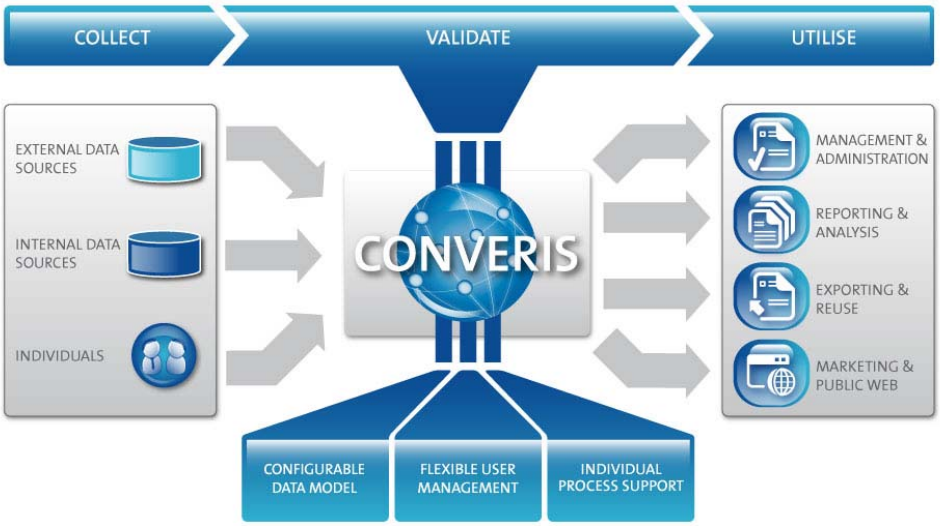
Registering and quality assuring bibliographic and bibliometric data often demands extensive administrative efforts. At the same time, annual reports, reporting to funding bodies and research assessment exercises require comprehensive insights into an organisation's publications as well as their scientific impact.

CONVERIS helps research organisations to systematically manage all types of publications and keep track on bibliographic data, full texts and bibliometrics in one single system. CONVERIS gives full support to researchers, administrators and managers through automated workflows and integrated reuse of data from Web of Science, PubMed and Scopus as well as from other external and internal sources.

Minimising workload, maximising data quality

To minimise the manual workload and still assure high data quality, CONVERIS combines the reuse of publication data from external sources with automated quality checks and validation workflows. In this way, duplicates are avoided and the publication records get related to the right and uniquely identified authors, organisations, journals and full-texts. To achieve this, CONVERIS can easily be integrated in the organisation's IT infrastructure and match data on persons and organisation units, for example from the HR system, with the data from the external sources.

As not all publications can be found in online sources, CONVERIS also enables the users to upload files in formats like EndNote, RefMan and BibTex. CONVERIS offers its users a guided process ensuring that all the needed information get registered. The manual input process is supported in various ways, including automated quality checks, default values and integration with internal and external sources to get names on authors, organisations and journals correct and retrieve the DOIs automatically.



CONVERIS supports the complete process of collecting, validating and utilising all information required for a best-of-breed management of publications & bibliometrics.

CONVERIS in short

- Complete handling of a**ll types of publications**, including full-texts, through a user-friendly and guided registration process.
- **High data quality** ensured through customisable validation workflows, automated quality checks and default values.
- **Reduced manual workload** for registering publications by reusing publication data from online sources (e.g. WoS, Scopus, PubMed) and from files (e.g. EndNote, RefMan, BibTex, RefWorks).
- **Data consistency** across the organisation through integration between CONVERIS and any other internal system (e.g. HR-system, login server, institutional repository).
- **Completely CERIF-compliant**, but with a configurable data model to adapt to any other local, national or international requirements.
- **Multifaceted options for utilisation,** including publication and bibliometric reports, CVs, annual reports, on web pages, in OA-archives or for research assessment exercises like the Research Excellence Framework (REF) in the UK.

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Customisable and automated workflows

After registration, the publication is sent through a validation workflow. The workflow includes automated email notifications to the users that are required to take action and is possible to completely customise to the organisation's individual needs. The validation is also facilitated through integration with Sherpa / RoMEO's information on the journal's policy and conditions for pre- and post-print archiving. This way, CONVERIS helps the organisation to significantly reduce its administrative burden on researchers and administrators as well as ensuring a continuously improved data quality compared to traditional systems.

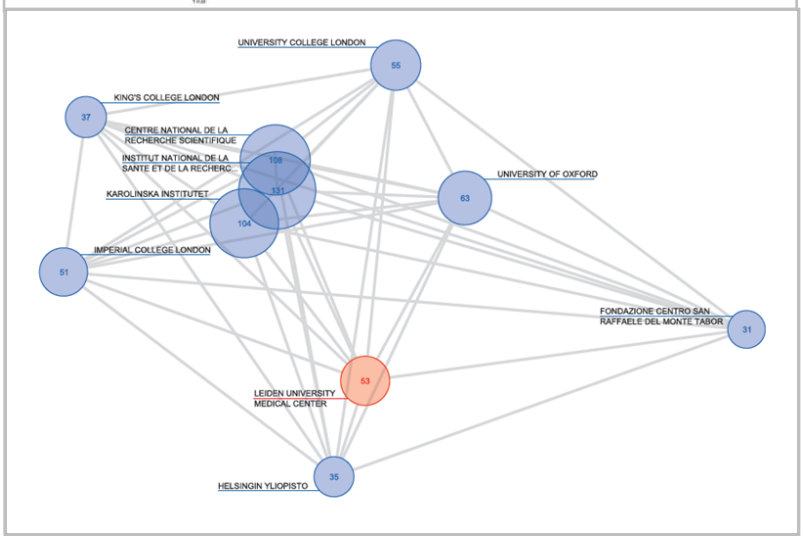
Reports on all levels of the organisation

CONVERIS provides multi-faceted reporting possibilities on the publications and their scientific impact in terms of citation counts and other bibliometric indicators. The citation data is updated through integration with the Web of Science citation index.

Research managers and administrators can in CONVERIS produce tailor made reports on publications on all levels of the organisation, from individual researchers, over any aggregation of organisation units to the institution as a whole. The reports can be focused on any combination of publication types, time period, thematic areas, journals and / or co-author organisations.

Through CONVERIS, the users can hence get answers to a row of questions on the fly that arise across the organisation, and produce reports that are ready to use in various formats, like HTML, PDF, Word and Excel. Based on the selection made, the report includes a list of publications with details on their number of authors, citations and publishing date. The development over time in terms of number of publications and citations is illustrated, and so is the partner network.

Further to the citation data, the report includes various bibliometric indicators like the h-index, total number of citations and average number of citations per publication. It can also be extended with further bibliometric indicators, such as citation information without self citations as well as the reference values for journals, fields, publication types or time windows enabling the user to see the results of a person / unit / area related to the world average.



CONVERIS offers researchers and administrators a best-of-breed solution including many further options to reuse and valorise the information on publications and citations in various contexts where annual reports and research assessment exercises like the Research Excellence Framework (REF) in the UK are just a few examples.

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