VIDATUM **ACADEMIC**

Fully Integrated, Comprehensive Suite of Research Management Products

VIDATUM

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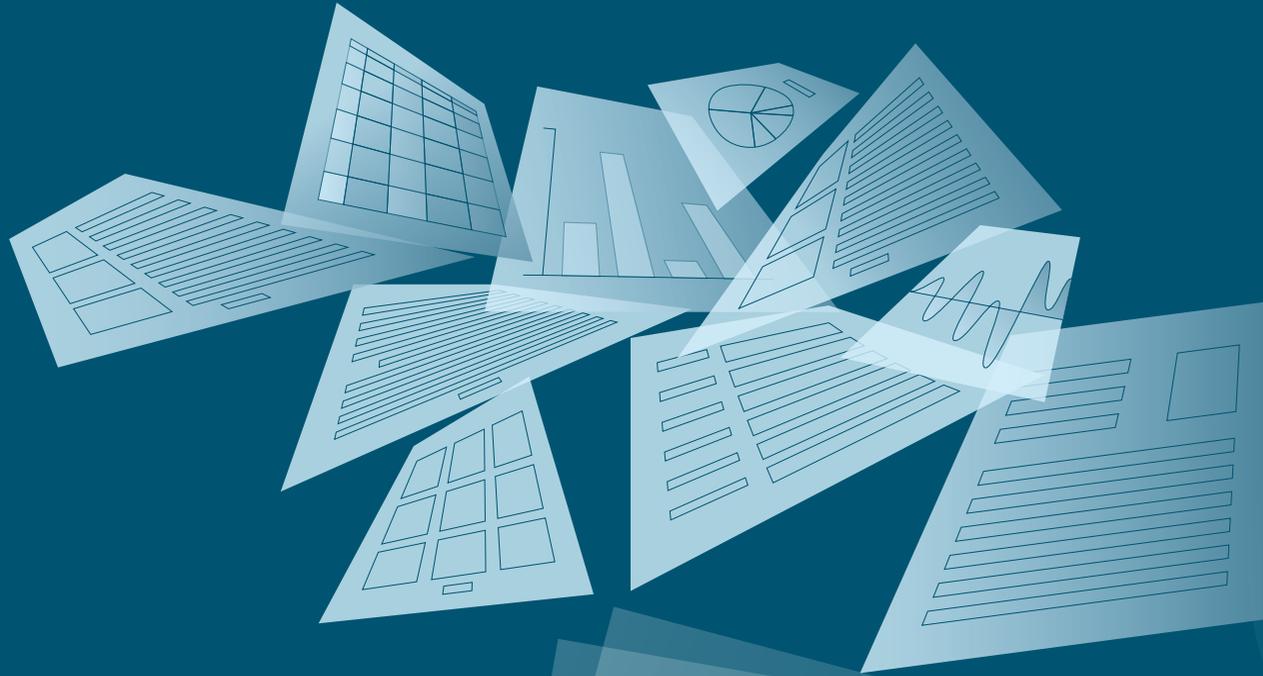
From an Institutional perspective we believe academic research is based on three key principles:

1

Recruitment, development and motivation of researchers

2

Securing, managing and responding to funding opportunities

3

Creating greater oversight and visibility to the research project lifecycle

Since 2006 **VIDATUM** have developed complementary management resources designed to allow academic institutions manage, administer and publish their research activity and requirements while sharing their research capability and results to a global audience.

Combined, they provide a powerful, user friendly, intuitive and flexible platform to capture all relevant research management activity.

Easily retrievable data is important in today's complex and highly devolved organisations to demonstrate compliance and transparency critical to research councils and other funding providers.

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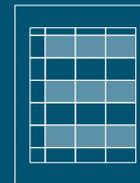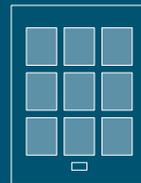
Research
Research Information System with staff profiles, publications database, integration with online sources, and CV publishing.

Projects
Full life cycle Grant and Project Management software with custom forms, workflows and support for Full Economic Costing.

Ethics
Integrated Ethics Reviews module with custom forms, workflows, and ethics committee management.

Timesheets
Project and non-project staff time tracking with supervisor approval, custom calendars, and staff working patterns.
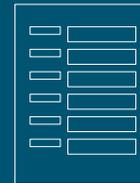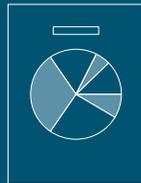
VIDATUM

"*Working with Vidatum Technologies has been a truly collaborative partnership - they have been open to developing functionality which captures the research and enterprise engagement activity undertaken by the DCU research community.*"

"*This flexibility in approach and ongoing customer support facilitates our institutional reporting requirements and allows us to showcase the quality and diversity of our research to external stakeholders. We look forward to continuing to work closely with Vidatum Technologies to further develop the capabilities of our system.*"

Fiona Brennan, Senior Research Officer, Dublin City University
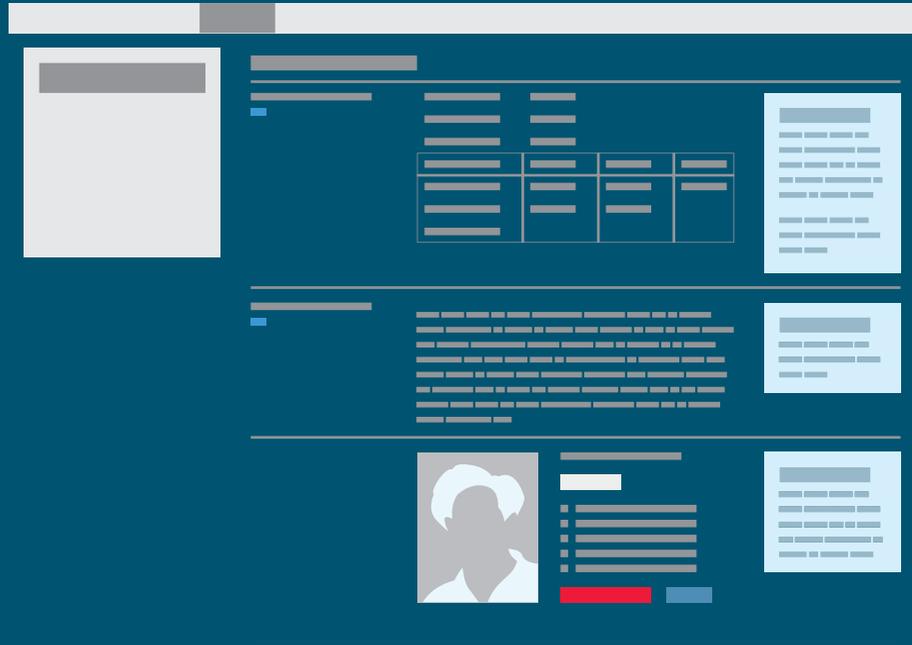
VIDATUM **Research**

Independent and comprehensive research management system providing institutions with with a single source of publishable information on researchers, publications, funding, collaboration and national reporting compliance.

Streamlining research administration processes. Less time required for data gathering and administration.

Showcases individual researchers and institution research capability internationally including outputs, esteem and projects.

Provides Management Information for key reports including research activity, bibliometric analysis, dashboards, and annual reports.

Automatic publication retrieval and online searching from sources such as Web of Science, SCOPUS, ORCiD, Pubmed, JStore and many others.

Independent of publishers' data, and allows institutions to choose which source of data to automatically retrieve and prioritise.

Easy Web Publication: VIDATUM Research integrates with industry standard content management systems OR avail of our optional full-featured Research portal.

Records and Reports on research activity and impact across the institution.

Seamless integration with internal systems including Student, Finance, HR, and institutional repositories.

National Reporting features allowing institutions to submit multi-annual assessments and returns.

"By integrating Vidatum Research with our website, it's a great way for our academic staff to profile their expertise to a global audience."

Noreen Goggin, RSS Database Coordinator, University of Galway

Customisation

VIDATUM **Research** is fully customisable and will be restyled in your institution's colours and brand design. Bespoke modules such as equipment management etc. can be built with seamless integration to the application.

Localisation

VIDATUM **Research** can be localised so the system functions as though it were originally designed in your country. Allow your academics to record and publish content in multiple languages.

VIDATUM **Research**

Comprehensive Single point for entire researcher profile.

Vidatum Research provides institutions with a single source of publishable information on researchers, publications, funding, collaboration and national reporting compliance.

Vidatum Research captures researchers entire academic profile: Research Outputs, professional details, teaching and learning activities, research activities. It is customisable to capture any kind of additional information that is specific to the institution.

Integration Seamless Integration with key internal systems

Vidatum Research integrates with key internal systems the institution in order to minimise the duplication and ensure quality of data.

Users are provisioned automatically from institutional HR system or user directory. Authentication is delegated for seamless single sign on.

Teaching and learning activities are retrieved from the Student Management System. Published profiles are automatically published to the institution's website. Finally, full text versions of the outputs are uploaded and synchronised with the Institutional Repository.

VIDATUM **Projects**

Full grant life lifecycle management. Manage your research funding in a user friendly and compliant structure, tracking the full lifecycle of a project from research proposal intent to a fully funded project award incorporating contract negotiations, full economic costing, and approval tracking.

View application history, awards and projects while easily identifying where the institution is winning research contracts.

Integrates with third party finance, student management, and ERP systems such as Aggresso, Ellucian, HR, Oracle, and SITS.

Manage project costing using flexible funder templates that incorporate full economic costing (fEC).

Provides powerful workflow capabilities to manage the complete application lifecycle.

Customisable interface allowing data tracking critical to funding application.

Capture and track staff timesheets and activities against projects.

Management reporting research showing successful versus rejected proposals and projects on hold including monetary value of all.

Increase funding success visibility

"The system continues to grow and evolve to meet the needs of our research community and we are constantly launching new tools and enhancements."

Deirdre Kearney,
University of Cork.

Customisation

VIDATUM **Projects** is fully customisable and will be restyled in your institution's colours and brand design. Bespoke modules such as equipment management etc. can be built with seamless integration to the application.

Localisation

VIDATUM **Projects** can be localised so the system functions as though it were originally designed in your country.

VIDATUM **Projects**

Customise
Customise forms to model your own processes and data requirements

Every institution has different data capture requirements. Vidatum Projects allows you to create different forms for each stage of the grant lifecycle, starting with an initial intent and going all the way to a live grant. Forms can also be customised depending on user roles, project types, and many other factors. This allows you to capture data that is accurately tailored to your requirements, and reduces the likelihood of data entry errors.

Workflow
Map internal processes accurately using our powerful workflow builder

Institutions have different ways for managing how they deal with each stage of the grant process. Vidatum Projects breaks the process up into four distinct phases: Intent, Proposal (pre-award), Project Registration and Live Project (post-award). This split allows institutions to determine who approves each step of the process independently. Requests can be split by entity, team, funder, department, or faculty. Approvers only have to approve items which match specific criteria. Administrators can control who the approvers are, find out where backlogs occur, and intervene to re-route workflows to minimise delays to users. Vidatum Projects reminds users of upcoming tasks and notifies them when relevant entries are submitted, approved, or require amendment.

Project Costing
Capture detailed project budgets with multiple budget templates and full economic costing.

Vidatum Projects contains comprehensive budgeting functionality. The system supports centralised templates with funder specific rules, each template supports Full Economic Costing (fEC) taking into account inflation and automatic increments for accurate costing and pricing of bids.

Vidatum Projects can connect to your HR system to determine the salary scale of a team member. The salary scale data included in this integration can be either used to provide an exact salary scale of members of the team member or it can be used to display banded salaries for applications.

VIDATUM **Ethics**

Online easy-to-use solution for streamlining the review and approval of ethics applications. With comprehensive reporting, transparency and time-savings at every stage, Vidatum Ethics assures good research governance across an institution.

Vidatum Ethics is configured to display your institution's forms, workflow, terminology and processes. Vidatum team works closely with institutions throughout the configuration process to ensure a successful implementation.

"RCSI holds a set of very detailed and complex Ethics Applications. Our application review process is lengthy and requires involvement from numerous stakeholders. The solution has catered for a Human Application with large online form (exceed 500+ fields) and Animal Application form (100 fields). Both applications provide significant conditional processing. Development of complex workflow engine, has simplified risk prone manual outdated processes."

Shahla Sabetnia, Royal College of Surgeons in Ireland

▼
Customised Forms support different types and complexity levels.

▼
Timesheet approvers can **delegate assigned tasks** to others if they are unavailable.

▼
Capture detailed comments from users, approvers, and reviewers under multiple headings.

▼
Customisation

Bespoke modules such as equipment management etc. can be built with seamless integration to the application.

▼
Multiple **Review Committees and Meetings** organised by meeting dates.

▼
Submitter has **full oversight of the application through the review process.** They can see all steps in the approval process.

▼
System saves **Multiple Versions** of application. Highlights changes to reviewer when application resubmitted.

▼
Workflow supports different types and complexity levels.

▼
Ethics Reviewers details and comments can be made private to protect anonymity of the review process.

▼
Approvers can be internal or external users. External users can be setup and added from affiliate organisations or peer.

VIDATUM **Ethics**

Customised Forms — Supports different types and complexity levels.

Different Ethics Request types can have varying levels of complexity, depending on the impact of the research, affected subjects, data protection, biological samples, and many other factors. Vidatum Ethics supports multiple form types, depending on the nature of the request and the needs of the institutions. The forms can range from simple data collection with links to more detailed forms which are uploaded, to full data collection for complex online data capture forms.

The forms are clearly laid out guiding the user through the application process. Users only see questions that are relevant to the answers provided to previous questions. All forms tailored to reflect the terminology, committee names, and methodology of an institution.

Review Committees — Multiple review committees, and reviews organised by meeting dates.

Review committees are set up in the system with members and chairs. Ethics requests are signed to one or more committees, either assigned automatically based on request details (such as Departments / Schools, risk, type and others), or manually by an Ethics Adminsitrator.

Reviewers from comittees can be assigned individually from a primary committee and additional comittees.

Meetings for each review committee can be setup in the system along with accompanying deadlines for submission.
Submitted Ethics requests can be assigned to meetings and tracked by meeting date.

Users can receive reminders of upcoming meetings and summary details of requests covered in each meeting.

Workflow — Supports different types and complexity levels.

Ethics Requests are routed to the most appropriate reviewer and committee, based on the category of applicant, discipline, and class of application. Alternatively, ethics administrators can manually assign reviewrers from one or panels.

Not all applications need to go through all steps of the approval process. Applications determined to be low-risk can complete the approval cycle with a reduced number of approvals.

Users receive notifications when they are required to perform a task, or when a request they are associated with is approved or requires amendment. When a review is complete the system will send an email and an internal notification to the submitter of the application.

VIDATUM **Timesheets**

Streamline capture, review and approval of staff timesheets. With comprehensive reporting, transparency and time-savings at every stage, Vidatum Timesheets assures time tracking governance across an institution.

Vidatum Timesheet is configured your institution's timesheet forms, workflow, terminology and processes. It integrates with your internal systems to automatically retrieve personnel details, projects, and any other activity used in timesheets.

▼

Multiple working calendars to ensure correct timesheets.

▼

Capture research and non-research activites in line with institution priorities.

▼

Management reporting to monitor timesheet compliance, instantly or scheduled reports that arrive automatically.

▼

Customisation

VIDATUM **Timesheets** is fully customisable and will be restyled in your institution's colours and brand design.

▼

Pre-screen timesheets for improved data quality.

▼

Timesheet approver who cannot complete assigned tasks **can delegate access** to their account to other reviewers to complete tasks.

▼

Ensure timesheets are reviewed and approved by relevant personnel.

▼

Configure rules to control when timesheets can be filled on a category by category basis.

VIDATUM **Timesheets**

Working Calendars   Multiple working calendars to ensure correct timesheets

Working Calendars enforce timesheet entry against days where your Institution is open. The calendar has two components: the weekly days' timesheets can be entered against and days which your institution is closed. Together these days ensure that hours can only be entered against days which your institution is open.

Working calendars are setup on an annual basis and can be easily copied from year to year.

Working Patterns   Pre-screen timesheets for improved data quality

Working patterns define the daily or weekly hours that classes of staff can record. Patterns can be imported from your HR system or manually configured in Vidatum Timesheets. An unlimited number of working patterns can be created to cater for all staff contract types ensuring that times are accurately captured for each user, eliminating any requirement for approvers to be concerned with this aspect of the timesheet they are reviewing. Rules for assigning staff to working patterns can be setup to cater to scenarios where users do not have timesheet patterns assigned to them.

Timesheet Approvals   Ensure timesheets are reviewed and approved by relevant personnel

Timesheets are routed to the most appropriate approver, based on any number of factors but typically their discipline or direct line manager/supervisor. Alternatively, timesheets can be routed to a timesheet administrator(s) who can manually assign approvers.

Timesheets from students and researchers who are supervised can be automatically routed to their supervisor for review as a first step of the approval process.

Flexible Structure   Capture research and non-research activites in line with institution priorities

Timesheet data entry can cover both research project work and non-project categories. Vidatum Timesheets automatically shows all research projects the staff member is part of and allows their hours to be recorded against specific projects.

Non-project categories allow capture of more detail on how staff are spending their non-project time, be it productively on teaching/supervising tasks or non-productively on leave, the system captures this information to support detailed reporting.

Development Platform

The VIDATUM Academic product set is developed in .NET with an Oracle database for data management. To ensure full compatibility with the widest range of modern browsers it usilises the bootstrap framework.

Cloud or On-premise

VIDATUM can be deployed either locally within the University's data centre or on the cloud. For our cloud offering VIDATUM uses Oracle Cloud Infrastructure (OCI) for provision of customer software. Oracle are a leader in providing public cloud infrastructure and their infrastructure is secure, private and compliant. Periodic data backups are taken and directly saved onto OCI backup storage which customers have direct access to.

Integration

The VIDATUM product set integrates with a number of Identity Management systems including LDPA, Microsoft Active Directory (Azure and on-premise), and Shibboleth.

Outbound integrations exist with a number of internal and external systems, including online sources of bibliometric data (WOS, SCOPUS), HR, student management and finance systems.

For inbound integration, VIDATUM has a set of RESTful APIs which covering the provision of data to Web content management systems and other external systems. These APIs are easily extensible through our API interface builder.

VIDATUM