

1. General Information	
Name applicant	Koen Binnemans
FWO Project Number & Title	GOH2922N Electrocoordination chemistry of s-block elements in organic media for future batteries (ECOBAT)
Affiliation	<input checked="" type="checkbox"/> KU Leuven <input type="checkbox"/> Universiteit Antwerpen <input type="checkbox"/> Universiteit Gent <input type="checkbox"/> Universiteit Hasselt <input type="checkbox"/> Vrije Universiteit Brussel <input type="checkbox"/> Other:
2. Data description	
Will you generate/collect new data and/or make use of existing data?	<input checked="" type="checkbox"/> Generate new data <input type="checkbox"/> Reuse existing data
Describe the origin, type and format of the data (per dataset) and its (estimated) volume <i>If you reuse existing data, specify the source of these data.</i> <i>Distinguish data types (the kind of content) from data formats (the technical format).</i>	A distinction must be made between data generated by the experimental and theoretical research groups. For the experimental group, datatypes include raw and processed data generated by analytical equipment (stored in text format), lab notebooks, experiment information files (rtf and pdf format), manuscript files. No images will be collected or stored, with exception for SEM and other surface analysis techniques. For the theoretical groups, data are mainly files with the results of first principles calculations (DFT and beyond) and of molecular dynamics simulations. Files are in software-specific format, some are readable (*.txt) but most are binary files. Metadata will be in pdf format.

3. Ethical and legal issues

<p>Will you use personal data? If so, shortly describe the kind of personal data you will use AND add the reference to your file in your host institution's privacy register.</p> <p><i>In case your host institution does not (yet) have a privacy register, a reference is not yet required of course; please add the reference once the privacy register is in place in your host institution.</i></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes:</p> <ul style="list-style-type: none"> - Privacy Registry Reference: - Short description of the kind of personal data that will be used:
<p>Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, add the reference to the formal approval by the relevant ethical review committee(s).</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes:</p> <ul style="list-style-type: none"> - Reference to ethical committee approval:
<p>Does your work possibly result in research data with potential for tech transfer and valorisation? Will IP restrictions be claimed for the data you created? If so, for what data and which restrictions will be asserted?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, please comment:</p>
<p>Do existing 3rd party agreements restrict dissemination or exploitation of the data you (re)use? If so, to what data do they relate and what restrictions are in place?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, please comment:</p>

4. Documentation and metadata

<p>What documentation will be provided to enable understanding and reuse of the data collected/generated in this project?</p>	<p>A folder in SharePoint with instructions</p>
---	---

Will a metadata standard be used? If so, describe in detail which standard will be used. If not, state in detail which metadata will be created to make the data easy/easier to find and reuse.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify: <i>EXPDAT files, in .docx format, and the EXPLOG file, in .xlsx format, ASCII files, PDF files</i>
---	--

5. Data storage & backup during the FWO project

Where will the data be stored?	OneDrive and SharePoint
How will the data be backed up?	The data is on Cloud and backup by Microsoft servers
Is there currently sufficient storage & backup capacity during the project? If yes, specify concisely. If no or insufficient storage or backup capacities are available, then explain how this will be taken care of.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, please specify:
What are the expected costs for data storage and backup during the project? How will these costs be covered? <i>Although FWO has no earmarked budget at its disposal to support correct research data management, FWO allows for part of the allocated project budget to be used to cover the cost incurred.</i>	Included in KU Leuven Office 365 subscription (costs are covered by KU Leuven)
Data security: how will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?	Data is secured with user, password, and MFA

6. Data preservation after the end of the FWO project

FWO expects that data generated during the project are retained for a period of minimally 5 years after the end of the project, in as far as legal and contractual agreements allow.

Which data will be retained for the expected 5 year period after the end of the project? In case only a selection of the data can/will be preserved, clearly state the reasons for this (legal or contractual restrictions, physical preservation issues, ...).	All data will be retained
Where will these data be archived (= stored for the long term)?	OneDrive and SharePoint
What are the expected costs for data preservation during these 5 years? How will the costs be covered? <i>Although FWO has no earmarked budget at its disposal to support correct research data management, FWO allows for part of the allocated project budget to be used to cover the cost incurred.</i>	Included in KU Leuven Office 365 subscription (costs are covered by KU Leuven)

7. Data sharing and reuse

Are there any factors restricting or preventing the sharing of (some of) the data (e.g. as defined in an agreement with a 3 rd party, legal restrictions)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please specify:
Which data will be made available after the end of the project?	All data concerning publication
Where/how will the data be made available for reuse?	<input checked="" type="checkbox"/> In an Open Access repository <input type="checkbox"/> In a restricted access repository <input type="checkbox"/> Upon request by mail <input type="checkbox"/> Other (specify):

When will the data be made available?	Data will be made publicly available at the time of publication of the work.
Who will be able to access the data and under what conditions?	Before publication, access will be given only to the members of the SOLVOMET group.
What are the expected costs for data sharing? How will these costs be covered? <i>Although FWO has no earmarked budget at its disposal to support correct research data management, FWO allows for part of the allocated project budget to be used to cover the cost incurred.</i>	Costs are covered by KU Leuven (Lirias – OpenAccess Repository)

8. Responsibilities	
Who will be responsible for the data documentation & metadata?	Koen Binnemans (PI), Clio Deferm (research manager) and Lucian Onisei (project manager of the EOS project)
Who will be responsible for data storage & back up during the project?	Koen Binnemans (PI), Clio Deferm (research manager) and Lucian Onisei (project manager of the EOS project)
Who will be responsible for ensuring data preservation and sharing?	Koen Binnemans (PI), Clio Deferm (research manager) and Lucian Onisei (project manager of the EOS project)
Who bears the end responsibility for updating & implementing this DMP? <i>Default response: The PI bears the overall responsibility for updating & implementing this DMP</i>	Koen Binnemans (PI), Clio Deferm (research manager) and Lucian Onisei (project manager of the EOS project)