

Partner Search for RIMACON project (funded)
Funding programme: Industry-Academia Partnerships and Pathways (IAPP)
The company will be paid a total sum of about 370,000 euros

Tasks and Responsibilities of the Construction Company

- (1) The company we are looking for should be involved in one or more of the following businesses in the construction sector; Design, Manufacture, and Maintenance of Construction Materials / Equipment, Building Construction, and Supply of Building Materials, Rail networks, Energy Infrastructure Construction, etc
- (2) There would be secondment of seven researchers over 20 man months to the company during the 48 month life of the project. The aim of the secondments is to collect relevant data of key risk indicators and how they affect their business performance.
- (3) During secondment, there would also be transfer of knowledge to company staff on issues of construction law and legislation, health and safety, information and technology etc by the visiting researchers (Professors and experts in their field of study)
- (4) A postdoctoral research fellow will be recruited by the company for 18 months to support risk management initiatives facing the company
- (5) Two relevant company staff will be seconded to the University of Wolverhampton and the University of West Bohemia for a total of five months each to engage on project related topics
- (6) The major overall task of the company is to enable the consortium to develop, test and validate the software developed during the project using their infrastructure and business operations. Data from the company will be required to test and validate the software system: assets information, assets threats, impact reference, controls, risk description, definition of acceptable risk, compliance requirements etc.

Recruited staff

To contribute to the objectives, DBI will recruit a researcher specialized in risk analysis.

- **Risk Analysis post-doc**, detailed knowledge of the new and general tools and techniques of risk management and understanding of business affairs and human behaviour, to be able to understand where risk might come from and learn from how others have dealt with it. The researcher also has knowledge of the key business functions in construction sector and an understanding of the key risks and controls in this area, combined with detailed knowledge of the operations of construction organisations and the environment (e.g. regulatory, physical) in which they operate.

Work Packages

WP number	WP title	Type of Activity	Lead Participant Number	Lead Participant Short Name	Persons months	Start month	End month
1	Identification of risks and current risk management systems in the construction sector	Research/ToK	1	UniWolv	12	1	12

2	Development of conceptual Enterprise Risk Management Framework	Research/ToK	1	UniWolv	18	3	15
3	Simulation and modelling of risks impacts for case studies companies	Research/ToK	2	UniWest	18	16	28
4	Development of Risk Management System Prototype	Research/ToK	4	TS	23	22	37
5	Testing and Validation of the Risk Management System Prototype	Research/ToK	3	Missing partner	15	38	48
6	Coordination and Project Management	Management	1	UniWolv	6	1	48
7	Exploitation and Dissemination	Dissemination	3	Missing partner	6	1	48

WP5: Testing and Validation of the Risk Management System Prototype

The objective of this final WP is to test and validate the software developed during the project using the four case companies who are associates of RiMaCon; CP Pavillioner, Energi Element, Alutec and VTS Byg. Data from the companies will be required to test and validate the system: assets information, assets threats, impact reference, controls, risk description, definition of acceptable risk, compliance requirements etc.

Enterprise system performance and validation will be measured using the balanced scorecard concept which will be categorised as either short or long term performance measurement outputs, where short term impact could be defined as typical improvements made in the system business process such as cycle time, process yield, and cost reduction, while typical long term improvement is assessed as profitability, innovation and growth, environmental performance and customer satisfaction. Short term performance measurement parameters would be available for assessment after three months while long term parameters would be assessed after ten months. The risk management system will be tested for reliability, stability, consistency and reproducibility, and simulated data output will be compared with real data obtained from the case companies.

Researchers from UniWolv and UniWest will be seconded to DBI to train the personnel in operating the software as well as to test and validate it in the case-study companies.

Deliverables: D5.1 Report on the pilot testing and validation of the risk management system

WP7: Exploitation and Dissemination

The overall objective of this work package is to ensure a successful dissemination and exploitation of the project results and scientific advancements. More specifically

1. To administrate and update the Consortium Agreement that handles all background intellectual property issues and ensures that all foreground intellectual property belongs to the project partners
2. To identify, assess and, where appropriate, protect all the project results
3. To develop an Exploitation Strategy which will become a firm Business Plan including routes to market for all project results
4. To identify opportunities for financing of post-project development work
5. To develop a Dissemination Strategy that will enable widespread publication of the project results – after all protection activities have been concluded
6. To disseminate the project results internally between all participants.

Deliverables:

DD.1 Project Website

DD.2 Overall Exploitation Strategy including Dissemination plan

DD.3 Business Plans for each exploitable result

DD.4 Public dissemination of project results after protection

If you are interested please contact:

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