| Aims | Phases | Objectives | Methods | Outcomes |
|---|---|---|---|---|
| **Overaching aim**: Realise a scientific innovation of major national and international importance.<br><br>**Specific aims**: Develop and design, test in the field, and then refine, simulate and apply a framework, model and tools which can be used to evaluate communities of practice and social networks for their efficiency and sustainability. | **Phase 1**: development and design phase.<br><br>**Phase 2**: testing and refinement phase.<br><br>**Phase 3**: simulation and prediction phase.<br><br>**Phase 4**: application and outcome assessment phase. | **Objective one**: develop framework;<br>**Objective two**: design initial evaluation model and tools;<br>**Objective three**: test the methods and tools;<br>**Objective four**: refine tools and procedures;<br>**Objective five**: construct model using simulation tools;<br>**Objective six**: test the models' capacity for prediction;<br>**Objective seven**: apply the framework, model and tools in a large sample;<br>**Objective eight**: review project work, deliverables, data and findings. | **Objective one**: theoretical and empirical analysis;<br>**Objective two**: construction of tools via extant literature;<br>**Objective three**: field application of methods, tools;<br>**Objective four**: validity, reliability procedures;<br>**Objective five**: create systems dynamics model via software;<br>**Objective six**: testing of models against real world behaviours;<br>**Objective seven**: field test methods; application of tools in field sample;<br>**Objective eight**: review and audit; develop papers, and project finalisation. | 1. Evaluation framework and principles<br>2. Evaluation model tested and refined<br>3. Data gathering tools with measures of reliability and validity<br>4. Predictive systems dynamics model<br>5. Method for developing triangulated assessment of complex social phenomenon<br>5. Transferable method and approach suitable with modification for other sectors<br>6. Contribution to research fields, potential contribution to export income. |