

VII Ogólnopolskie Seminarium użytkowników Uczelnianych Baz Wiedzy

Research Projects in CERIF

Jan Dvořák

euroCRIS Board member & CERIF TG Lead

researcher, Library and Information Science, Charles University

CRIS analyst & maintainer, Czech Technical University

jan.dvorak@ff.cuni.cz

 <https://orcid.org/0000-0001-8985-152X>

Outline

- CRIS systems
- Common European Research Information Format = CERIF
- Research Project
- Resources for Research Projects (a.k.a. Funding)
- Three perspectives on Research Projects:
 - Institution
 - Funder
 - Research Infrastructure

Glossary

- CRIS = Current Research Information System
 of current interest or relevance
 - RIM = Research Information Management
-

euroCRIS (www.eurocris.org):

A not-for-profit association

of RIM professionals and CRIS experts.

188 institutional members, ≥330 total

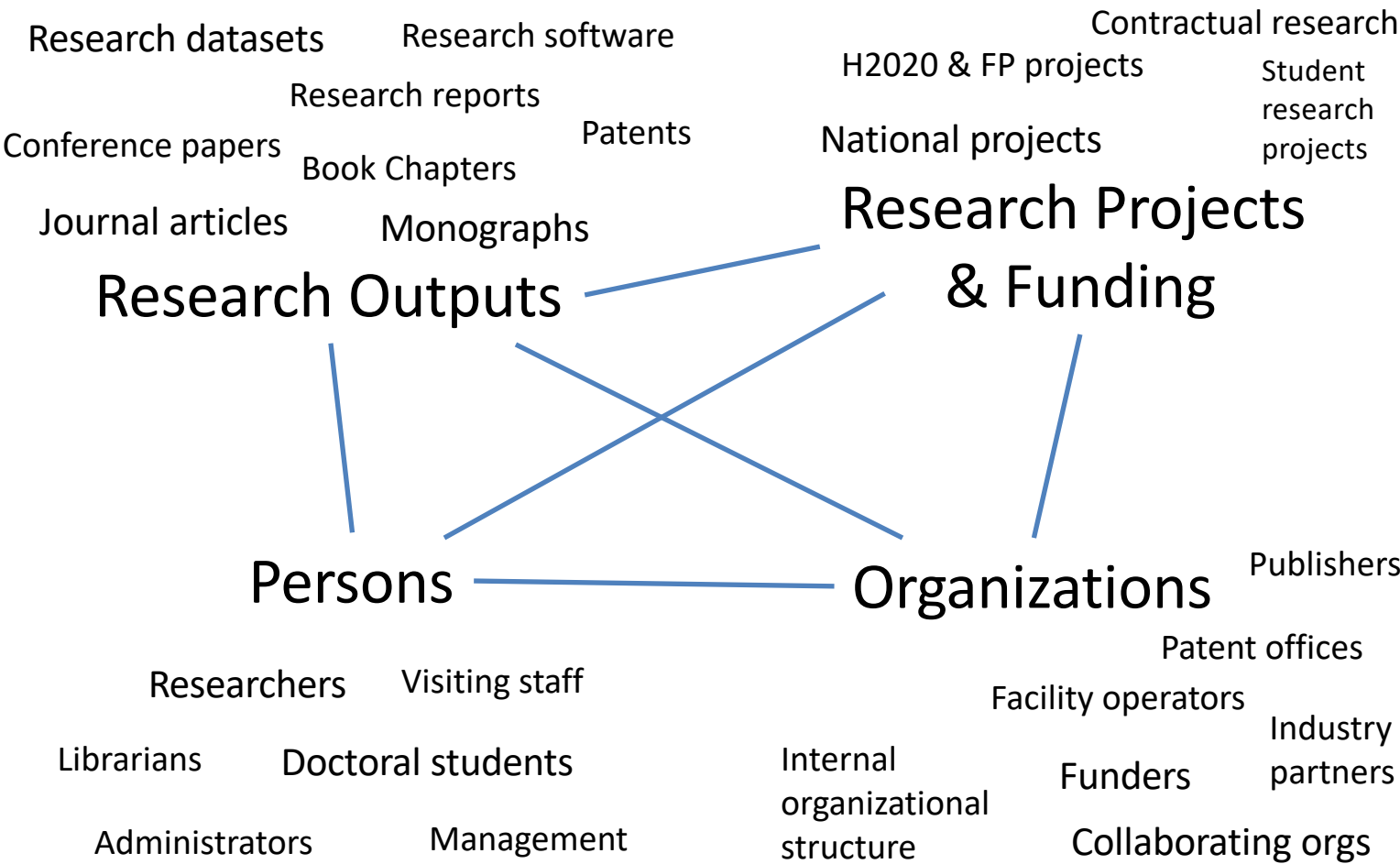
Western Europe mostly; **PL: 2**, CZ: 4, SK: 1, HU: 1

Est. 2002

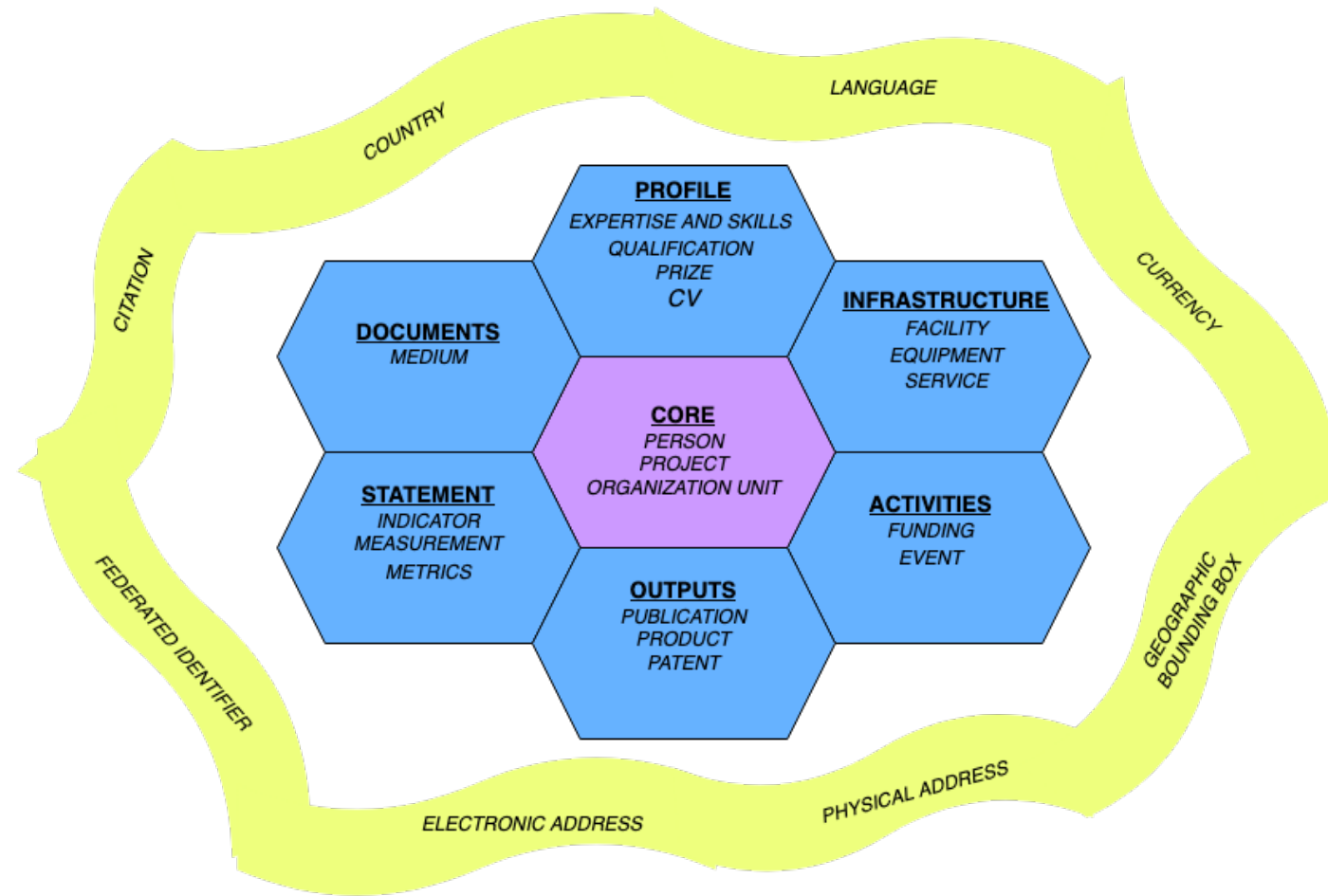
CRIS Goals

- Manage research
 - Throughout its all phases
- Keep record
- Assess and improve
 - Impact of the research
- Demonstrate
 - Relevance of the institution
or funding agency
or research infrastructure

Current Research Information System



CERIF = Common European Research Information Format



Project Entity Definition in CERIF

A **temporary** endeavor undertaken
to create a **unique** product, service or result.

Source: the Project Management Institute,
<https://www.pmi.org/about/learn-about-pmi/what-is-project-management>

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In the research information domain, one typically tracks:

- (1) **research** projects, where the result is an addition to the body of knowledge of the mankind,
- (2) **technology development** projects, where the result is a particular technology or product,
- (3) **innovation** projects, where the result is an improvement of a product or process, and
- (4) projects that create or enhance **infrastructure** for research, technology development or innovation.

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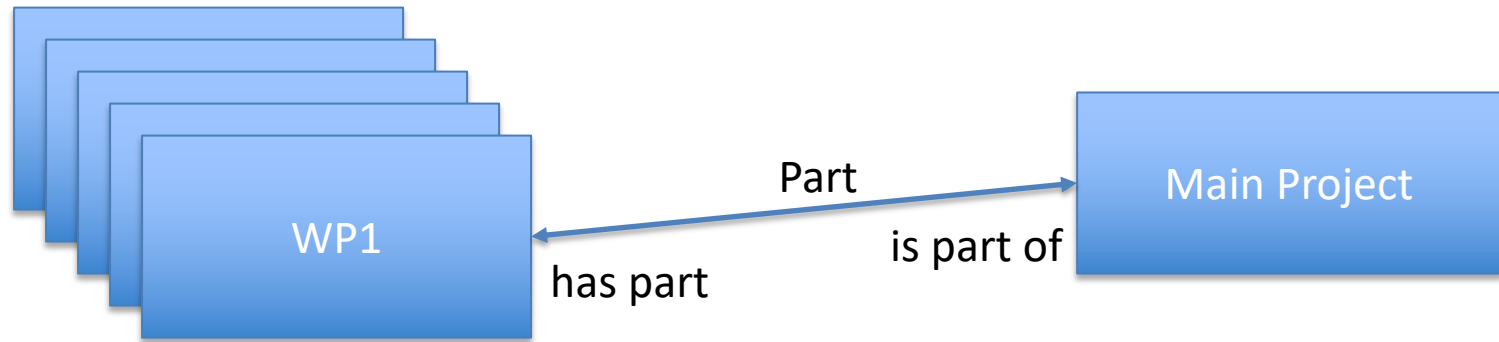
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Depending on the scope one can also track **finer** levels of **granularity**: stages, work packages, sometimes even down to individual tasks. All such activities are also modelled using the Project entity and linked using the recursive link relationship.

Finer levels of granularity



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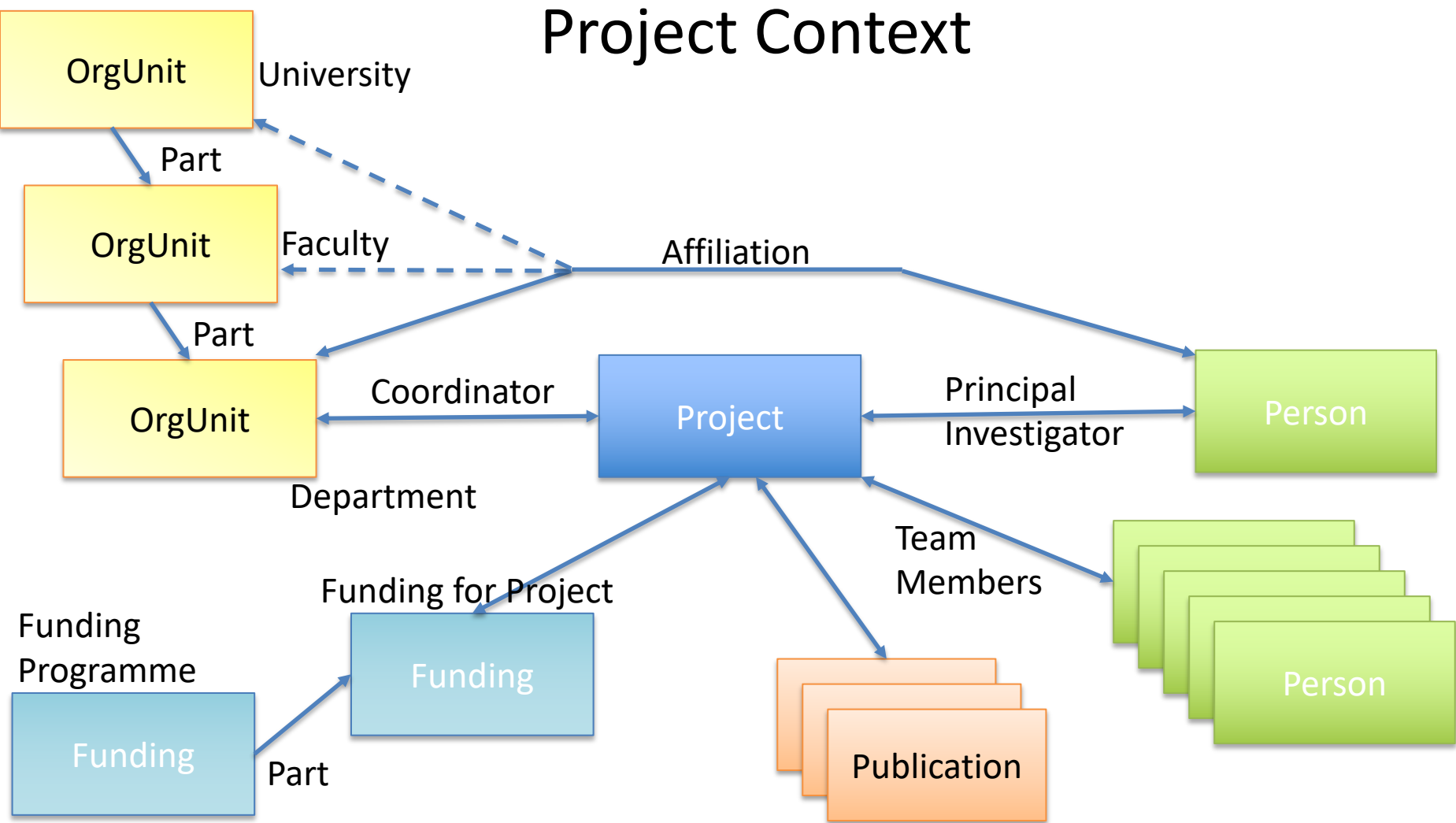
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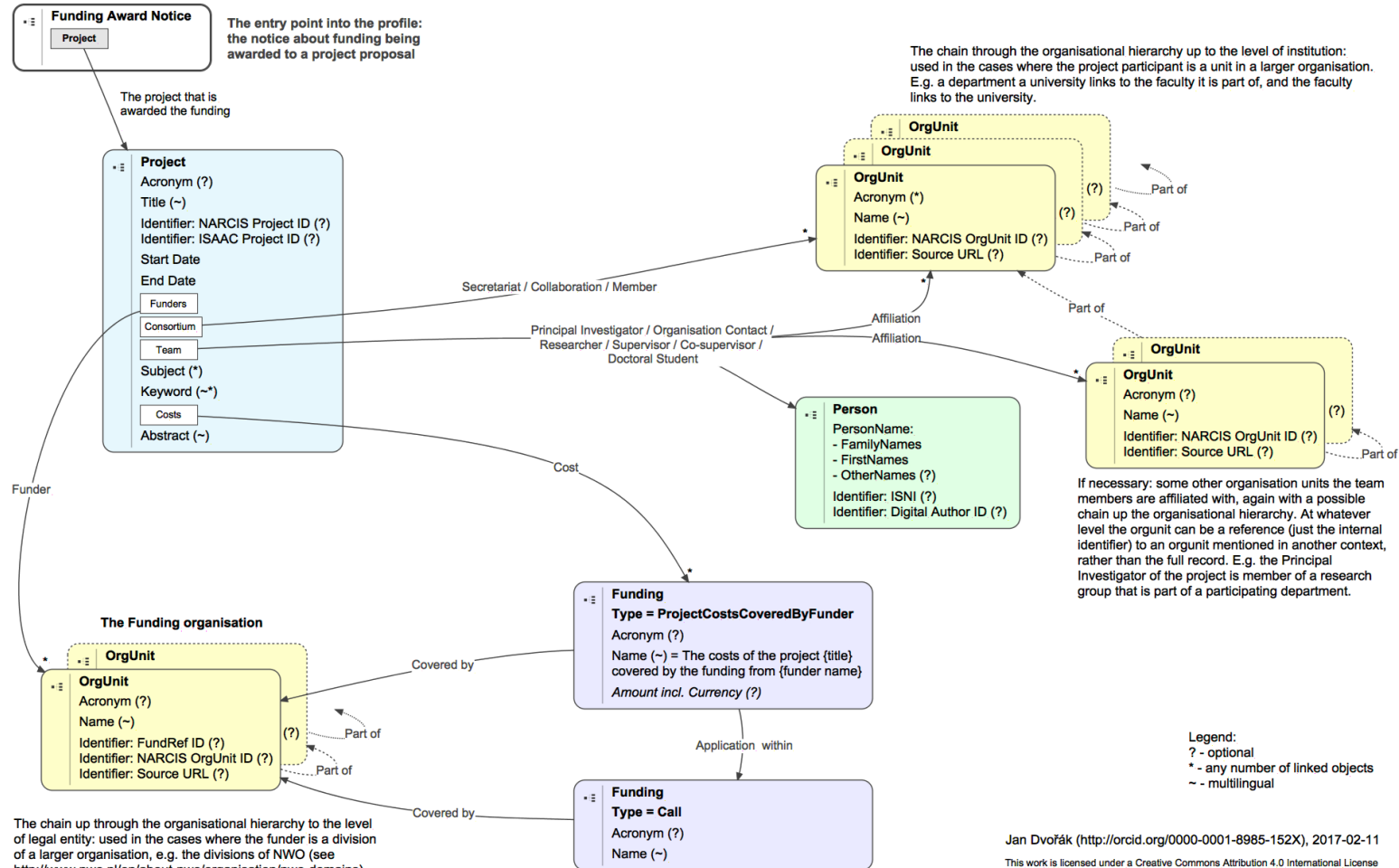
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Project Context



The P-O-P-F (Project–Organisation–Person–Funding) Profile of CERIF



What characterises a research project?



An acronym → **SEQSEL**

A code (identifier), for ex a Grant number → **Project reference: 317697**
Funded under: FP7-PEOPLE

A name or title → **Global cooperation to develop next generation whole genome SEQuence SElection tools for novel traits**

A (planned) start date → **From 2012-05-01 to 2016-04-30, ongoing project**

A (planned) end date or duration → **From 2012-05-01 to 2016-04-30, ongoing project**

[A source of funding] → **Project details**

Total cost: EUR 126 000	Topic(s): • FP7-PEOPLE-2012-IRSES - Marie Curie Action "International Research Staff Exchange Scheme"
EU contribution: EUR 126 000	Call for proposal: FP7-PEOPLE-2012-IRSES
Coordinated in: Ireland	Funding scheme: MC-IRSES - International research staff exchange scheme (IRSES)

Objective
 "The objective of this project, SEQSEL, is to build upon, solidify, formalise and condense the recently initiated, but as yet informal, relationships between several world-leading research partners in the EU (Ireland, The UK, and the Netherlands) and Oceania (i.e., Australia and New Zealand) in order to conduct joint research and participate in knowledge exchange and to identify regions of the bovine genome associated with feed intake and efficiency. The study will be undertaken in dairy cattle."

Related information

Result In Brief → [Mining the genome of dairy cattle](#)

Report Summaries → [Periodic Report Summary 1 - SEQSEL \(Global cooperation to develop next generation whole genome SEQuence SElection tools for novel traits\)](#)

Open Access → [Imputation of genotypes from low density \(50,000 markers\) to high density \(700,000 markers\) of cows from research herds in Europe, North America, and Australasia using 2 reference populations](#)

via

[A few scientific publications] → [Pryce, J. E.; Johnston, J.; Hayes, B. J.; Sahana, G.; Weigel, K. A.; Mcparland, S.; Spurlock, D.; Krattenmacher, N.; Spielman, R. J.; Wall, E.; Calus, M. P. L. 2014](#)

[A project coordinator] → **Coordinator**

TEAGASC - AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY Ireland

[A research domain] → **Participants**

THE SCOTTISH AGRICULTURAL COLLEGE United Kingdom

STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK Netherlands

Subjects
 Life Sciences

A web page (URI) → **Source:** http://cordis.europa.eu/project/rcn/106635_en.html

Annotations:

- A name or title:** Points to the project title "Social Media Analysis for Social Geography".
- A short or long description (abstract):** Points to the "Abstract" section.
- A (planned) start date:** Points to the "Funded Period" field.
- A (planned) end date or duration:** Points to the "Funded Period" field.
- A code (identifier), for ex a Grant number:** Points to the "Project Reference" field.
- A web page (URI):** Points to the "Source" link at the bottom left.
- [A project coordinator]:** Points to the "Lead Research Organisation" field.
- [A source of funding]:** Points to the "Funder" field.
- [A research domain]:** Points to the "Research Subject" field.
- A few keywords:** Points to the "Research Topic" field.

Project Details:

Lead Research Organisation: [Newcastle University](#)
Department Name: Computing Sciences

[Go back](#)

Overview | Organisations | People | Outcomes

Abstract

Many believe that social media data has the potential to give real insights into communities. However, there is a real challenge in unlocking this knowledge due to the enormous size and speed with which the data is generated, and a lack of understanding of issues such as ethics and the validity of conclusions drawn from the skewed sample of the population that social media users represent.

"Tweet My Street" is tackling these problems with the overall goal of understanding how the knowledge gained can benefit socially excluded communities. It is a multi-disciplinary collaboration involving social geographers, computer scientists and statisticians, which aims to:

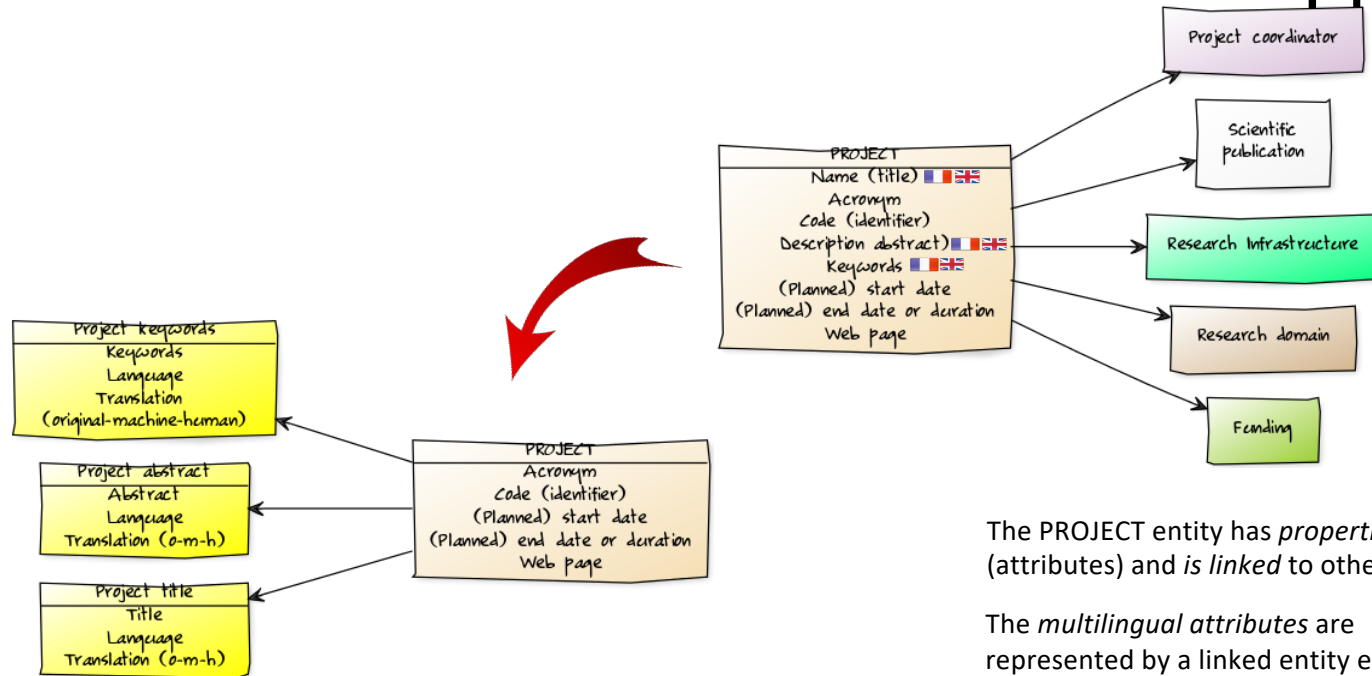
- design a scalable system for social media data analysis
- create a tool that makes it easy for social scientists to ask questions and visualise results
- explore the use of modern statistical techniques to derive understanding from the data
- drive and evaluate the system through case studies, including the use of the new tools to augment existing social science methods, and to understand the way third sector organisations can make effective use of social media
- explore how the use of the tools can help the private and public sector to make key decisions.

Project Information:

- Funded Value:** £449,388
- Funded Period:** Feb 14 - Feb 16
- Funder:** ESRC
- Project Status:** Active
- Project Category:** Research Grant
- Project Reference:** ES/M001636/1
- Principal Investigator:** [Paul Watson](#)
- Research Subject:** Human Geography
- Research Topic:** Social Geography, Urban Geography

Source:
<http://gtr.rcuk.ac.uk/project/A49CA721-687A-4D55-8FDF-9B60375B6EA8>

Metadata for a Research Project



The PROJECT entity has *properties* (attributes) and *is linked* to other entities.

The *multilingual attributes* are represented by a linked entity each.

* "start date" and "end date" are deprecated in v1.6

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Projects in Institutional CRISs

- Typically entered before a grant application is submitted
 - To seek internal approval for the grant application
- Questions:
 - What projects we submitted?
 - What projects were approved (for funding)?
 - What projects were successfully executed?

Projects in Funder CRISs

- Recorded with a grant application received
- The ex-ante evaluation process
- The contracting process
- Interim and final reporting
- The ex-post evaluation

Projects in Research Infrastructures' CRISs

- An external research organization wants to use our facility/equipment/service
- Decision process
- Monitoring
- Collecting the publications and other research outputs

Conclusions

1. Projects are a central piece of research information
 - For institutions
 - For funders
 - For research infrastructures
2. Projects rely on the context:
 - Researchers
 - Organizations
 - Funding
 - Research outputs