

A systematic approach for researchers to create and use robust and community-standard vocabularies.

Alison Specht, TERN, University of Queensland and PARSEC



The challenge

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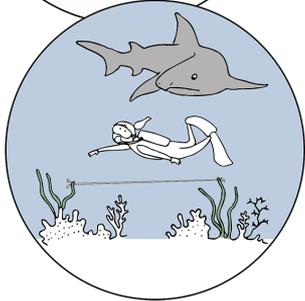
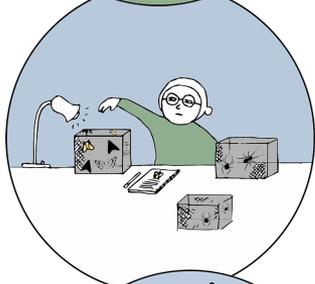
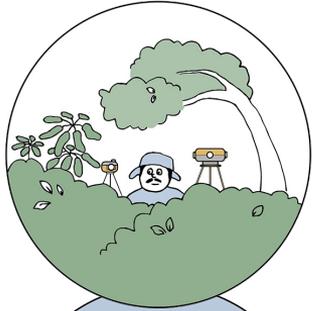
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You need to meet them on their own ground

an example of ecologists

They

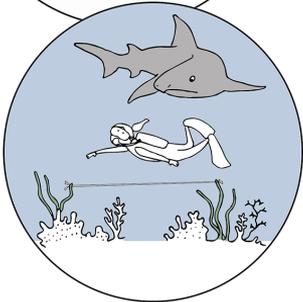
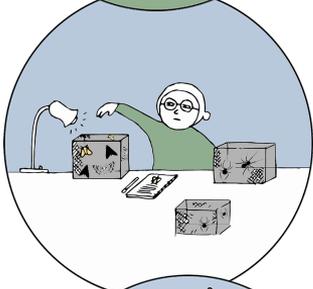
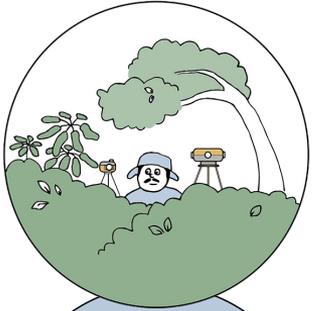
- collect their own data (low reliance on machines) and are really good at R



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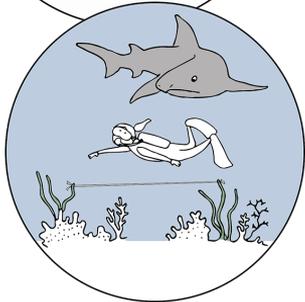
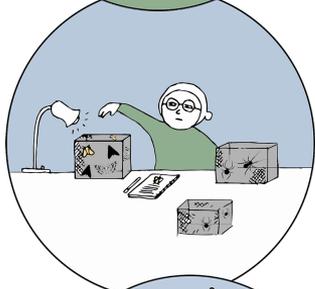
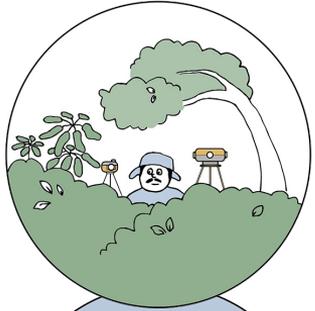
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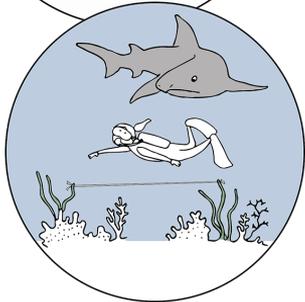
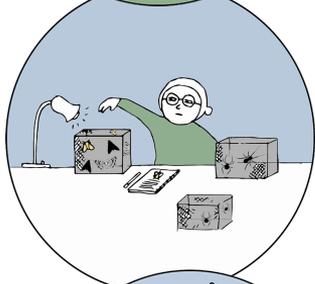
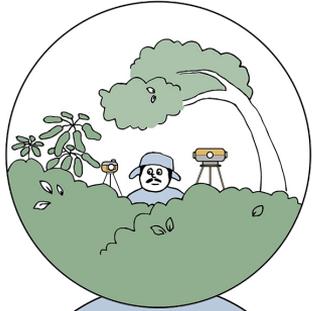
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- have a strong belief in the value of their work
- work for the common good (low pay)



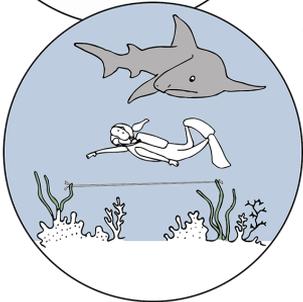
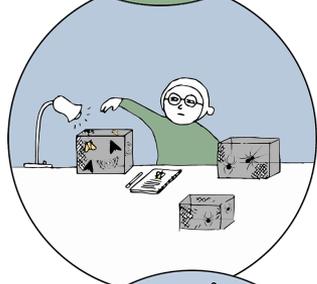
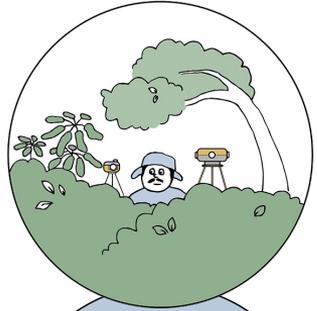
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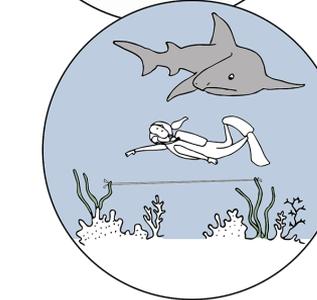
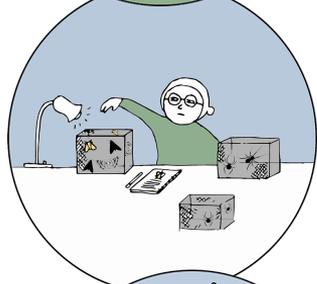
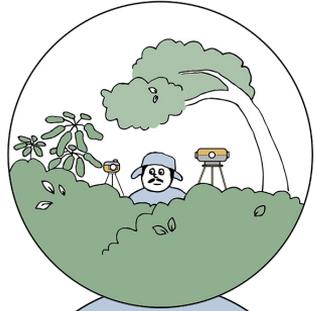


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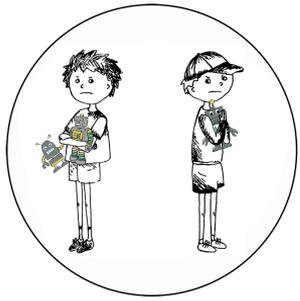
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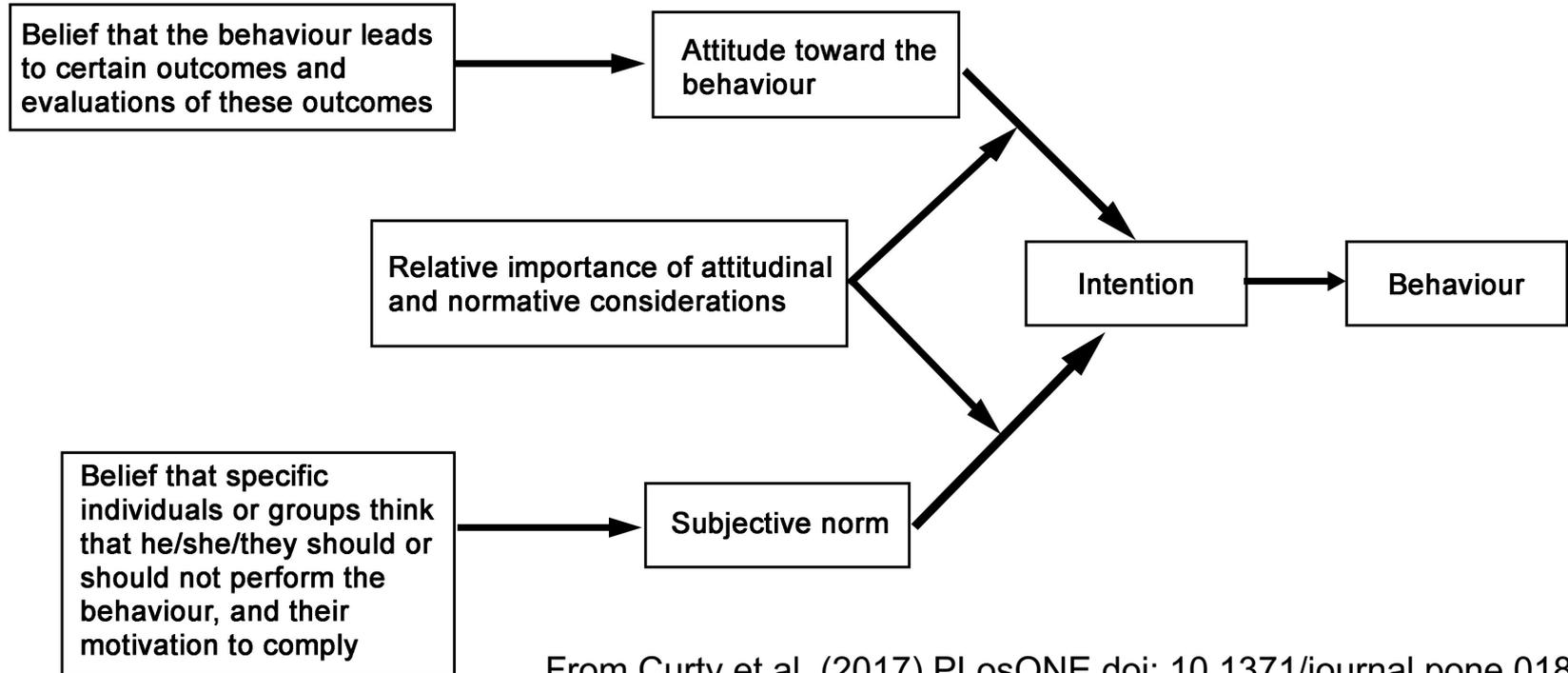
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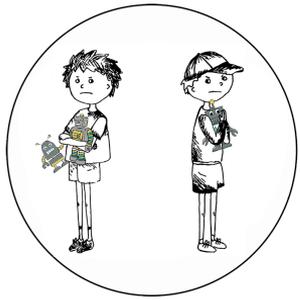
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- have a strong belief in the value of their work
- work for the common good (low pay)
- are highly variable in their practice
- understand the value of long-term data preservation, but
- tend not to prioritise data standardisation, archiving etc.



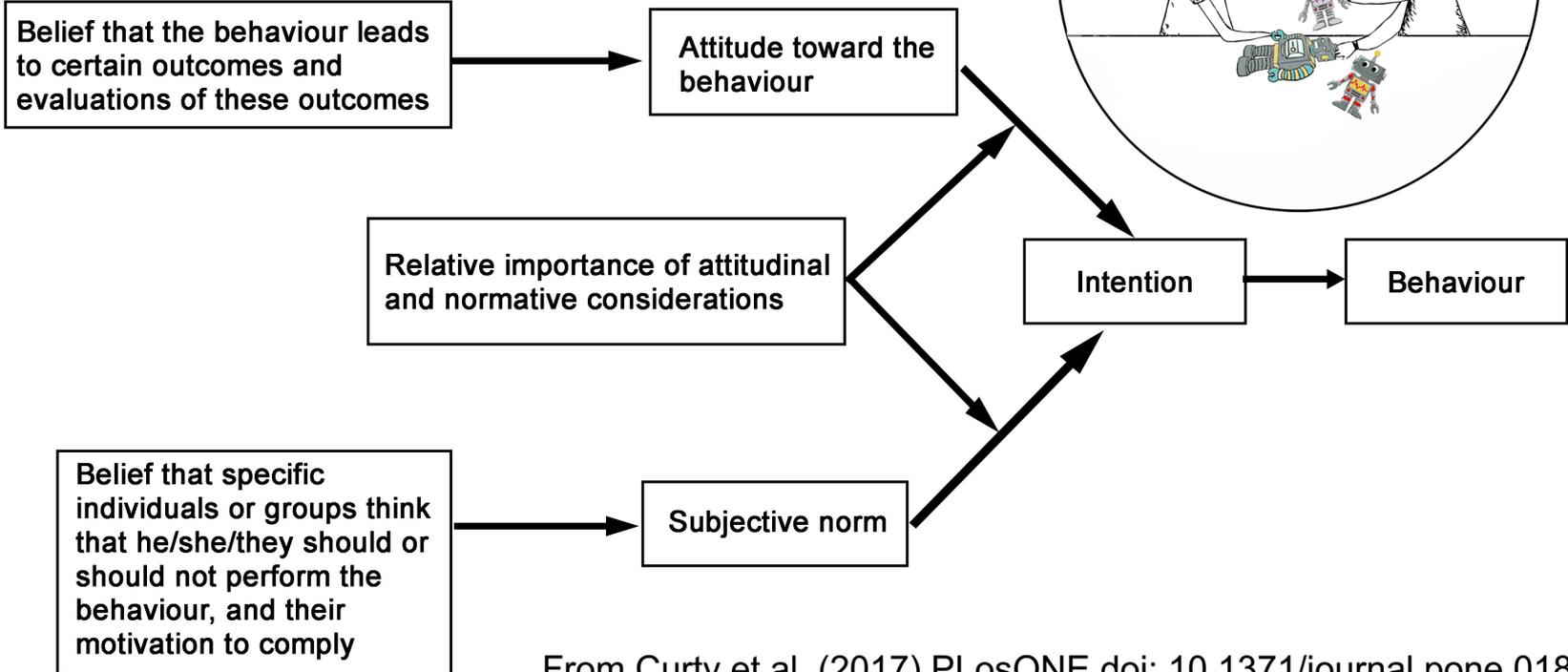
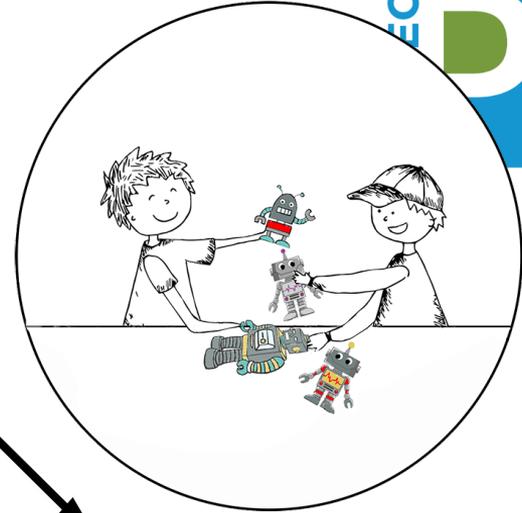


Changing culture and practice

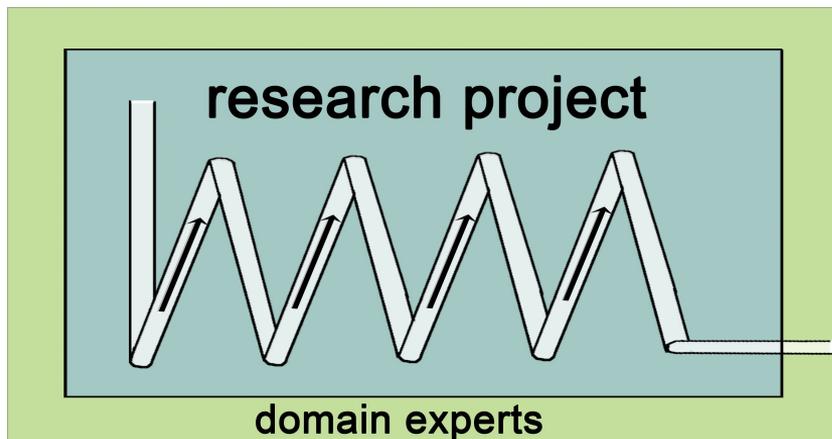




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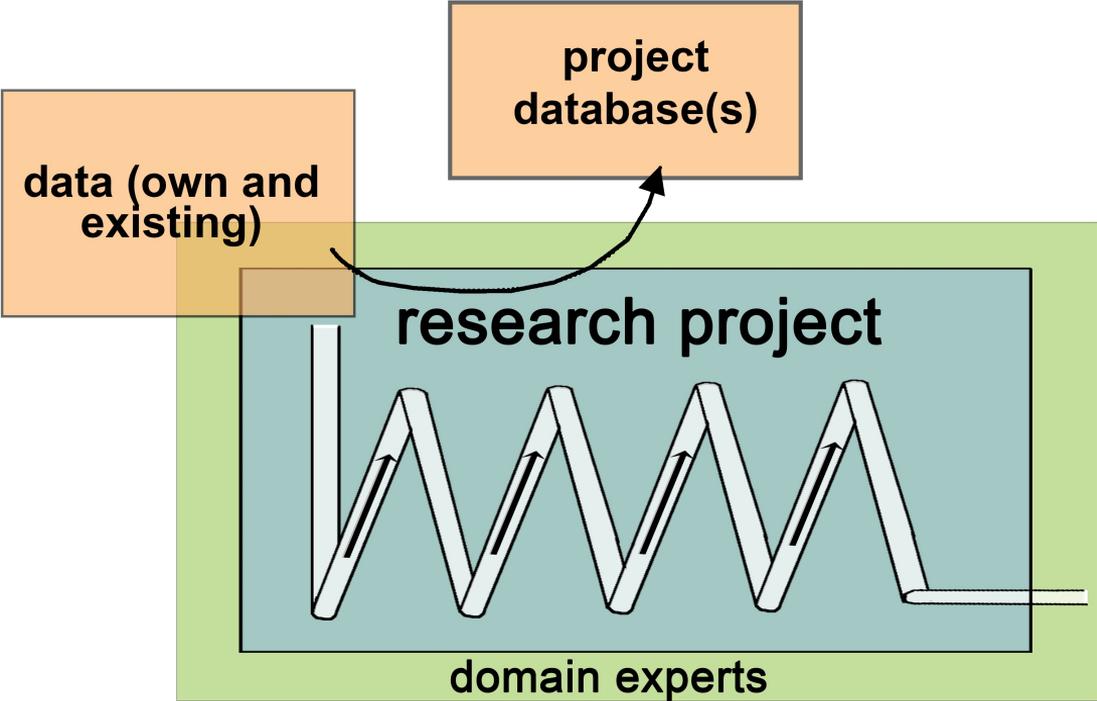


Starting with the core business

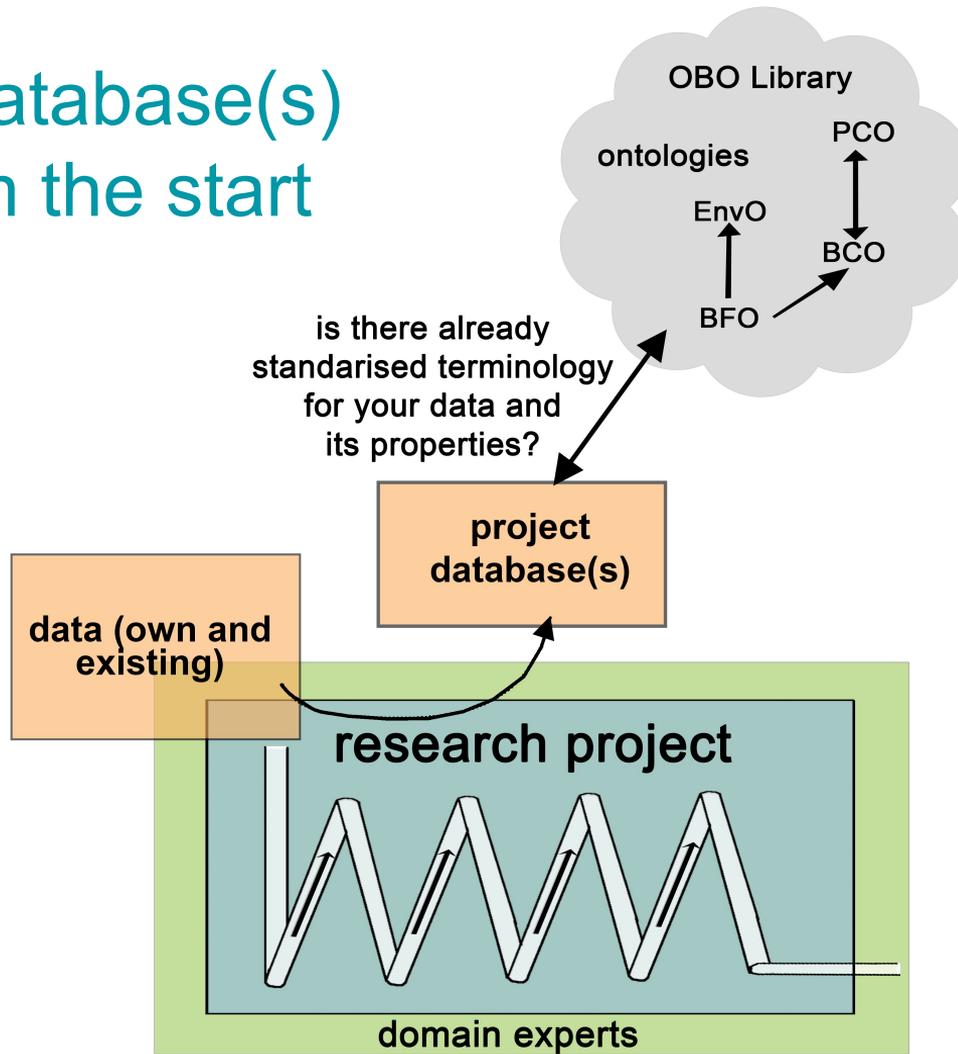


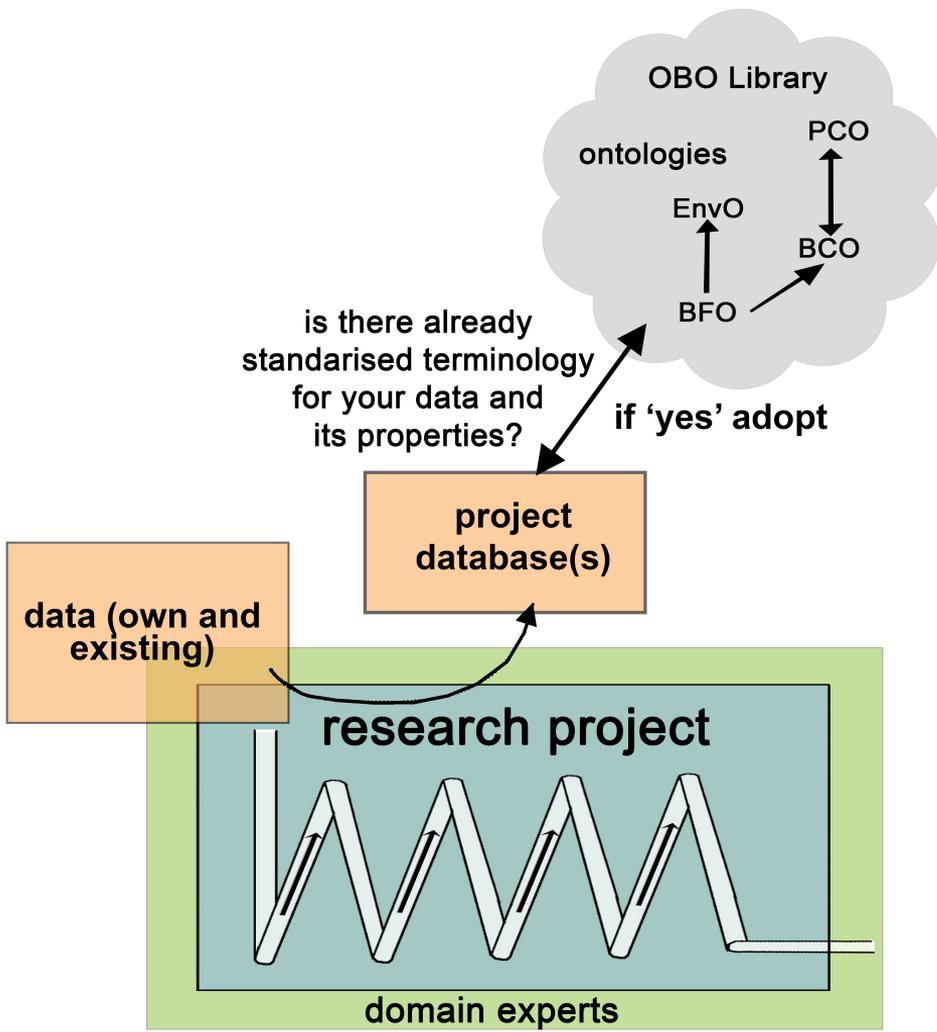
With this you have a group of people, not just 1-2 researchers. This could be a lab., or synthesis centre group. A group that has a mix of members with different expertise is ideal.

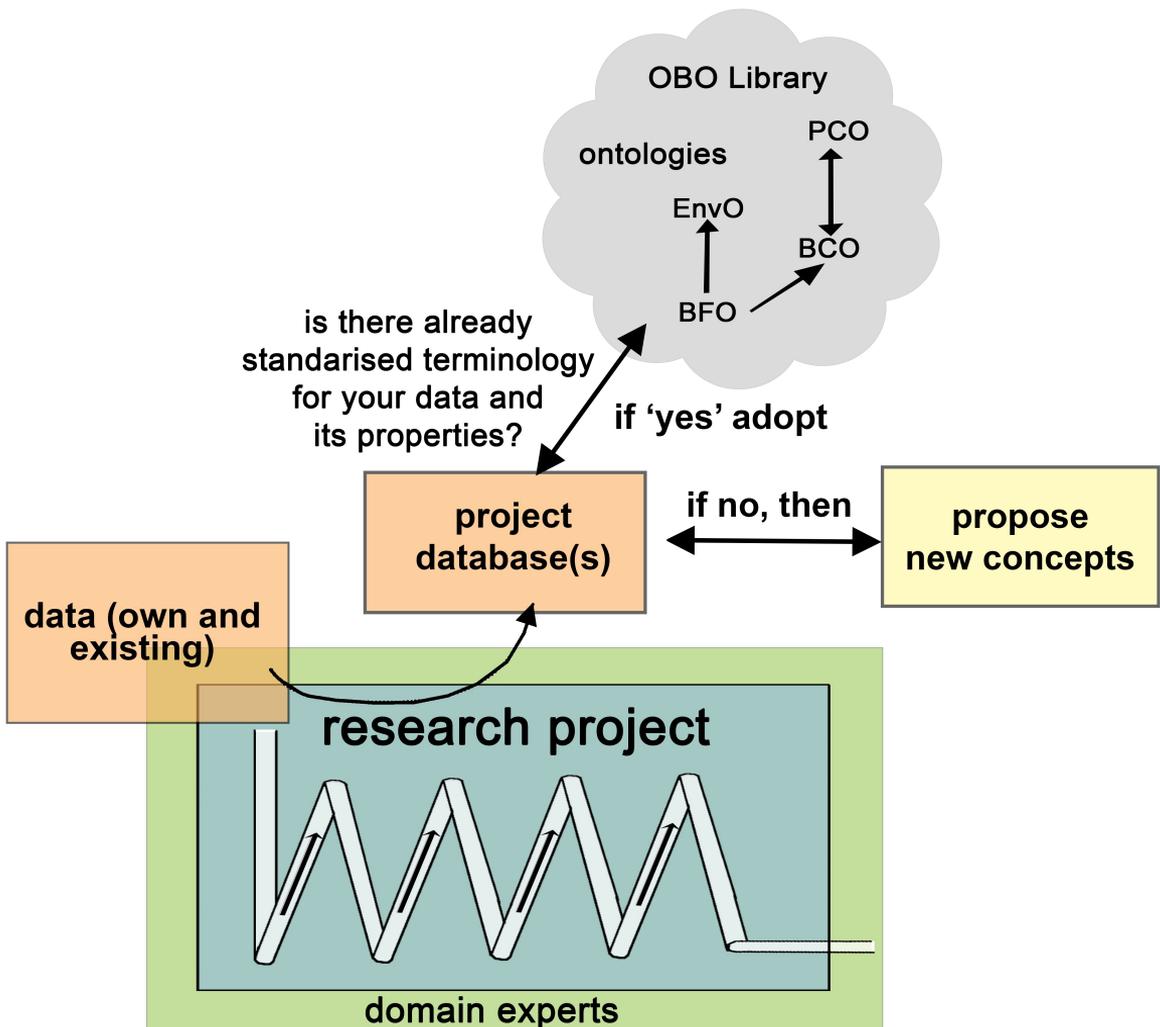
Following the data workflow



Building database(s) better from the start







Description

Macrohabitat

Name:

Definition:

Source:

Abbreviation:

Synonym: +

Related: +

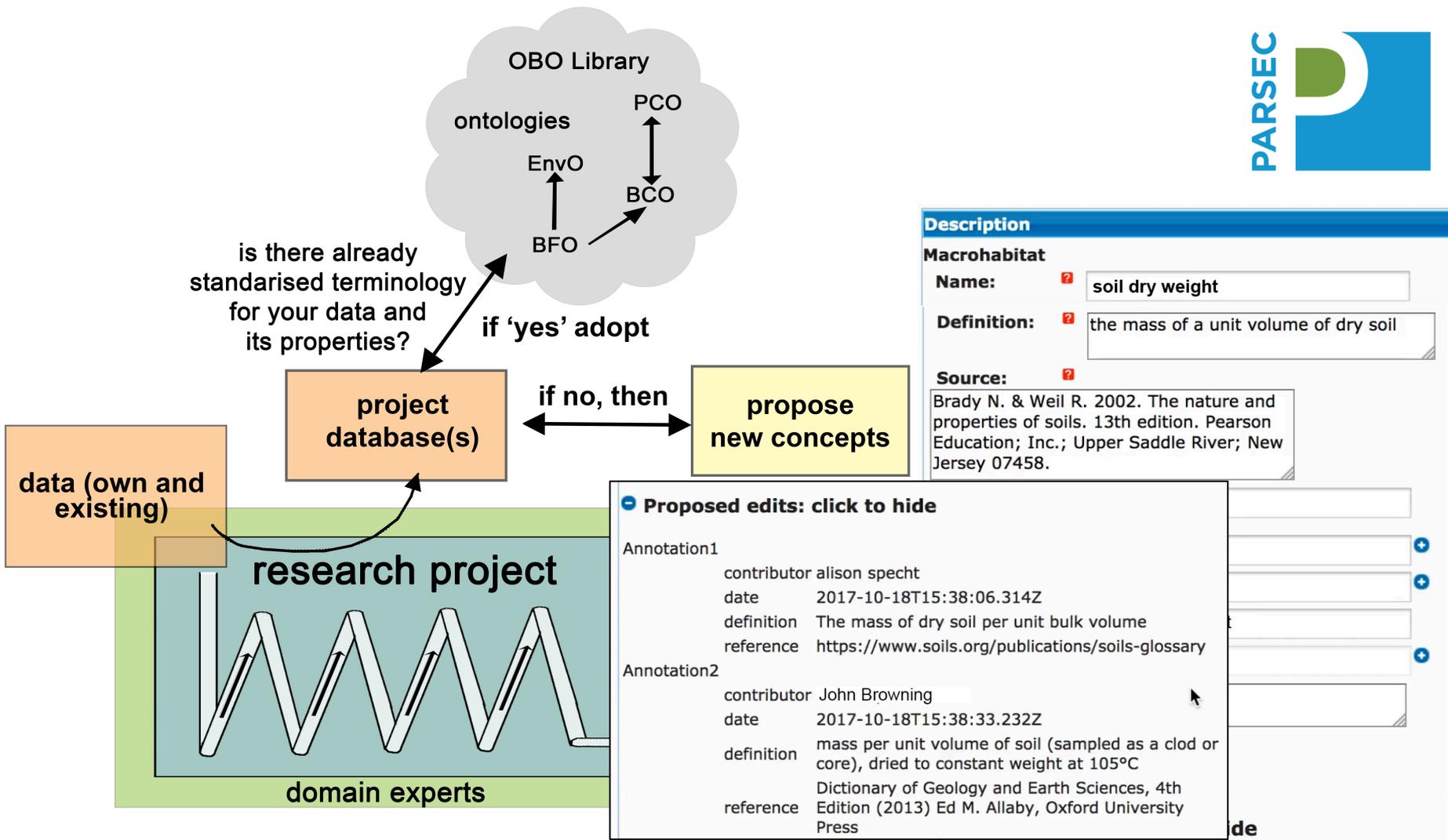
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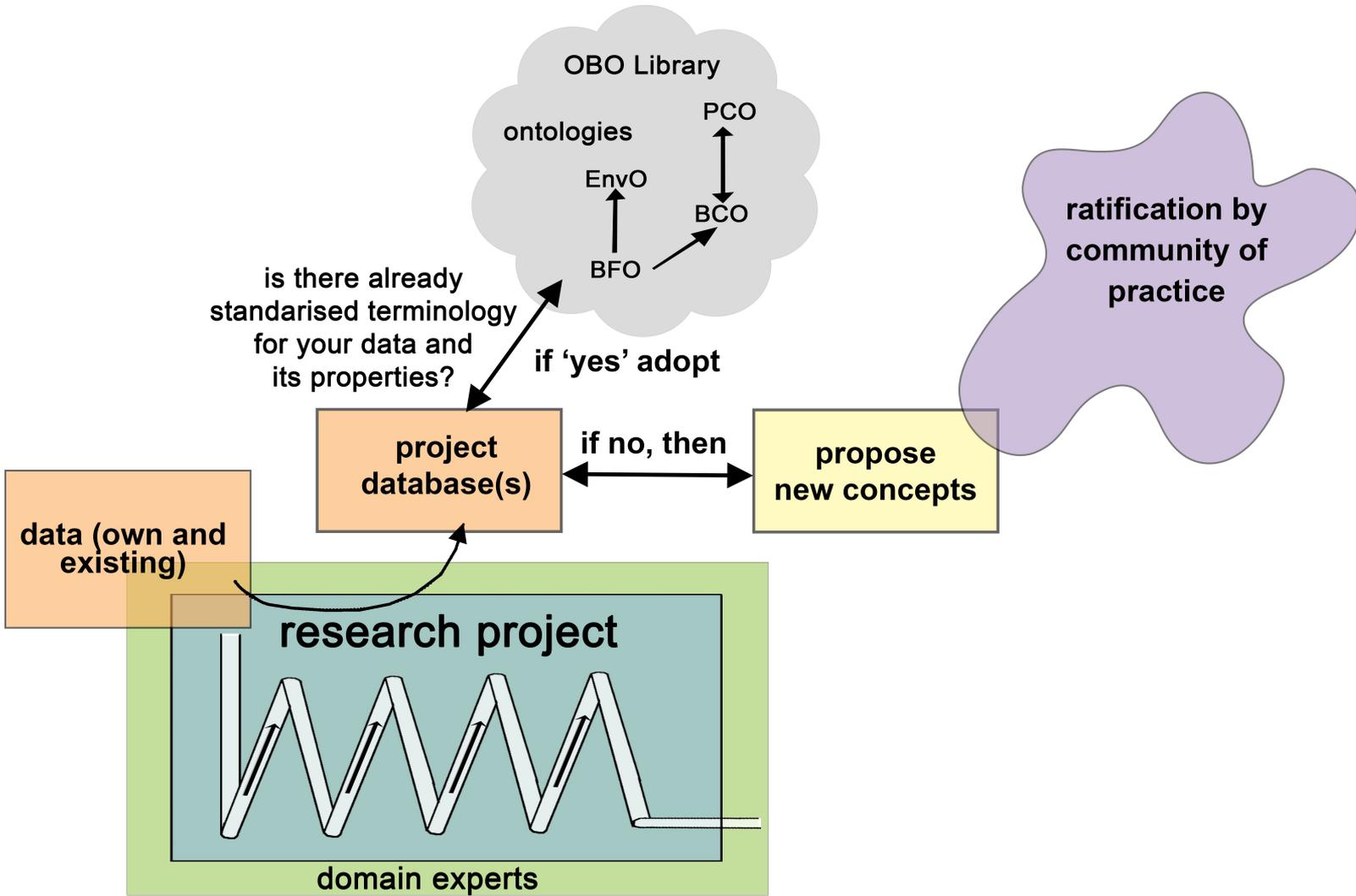
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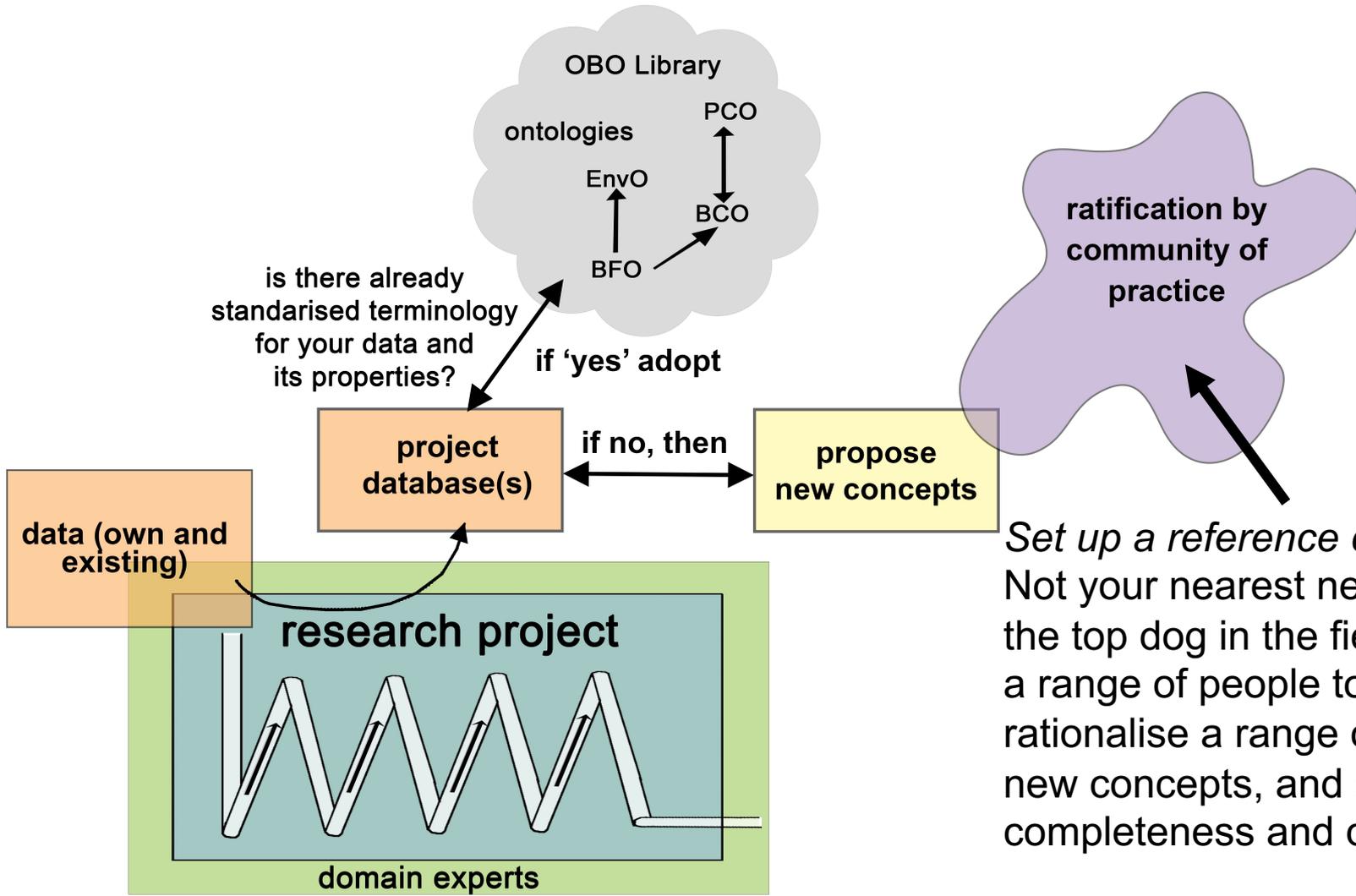
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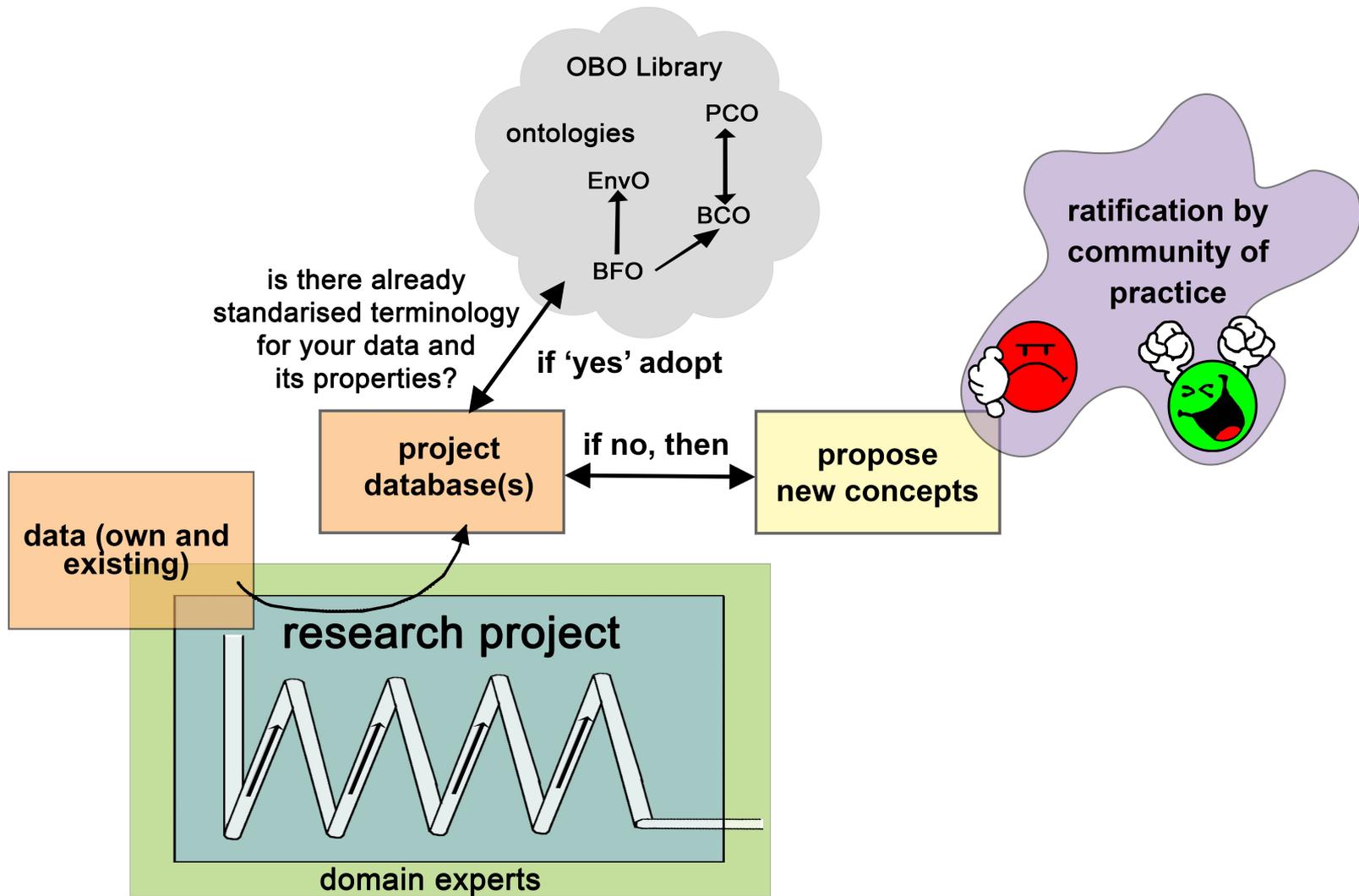
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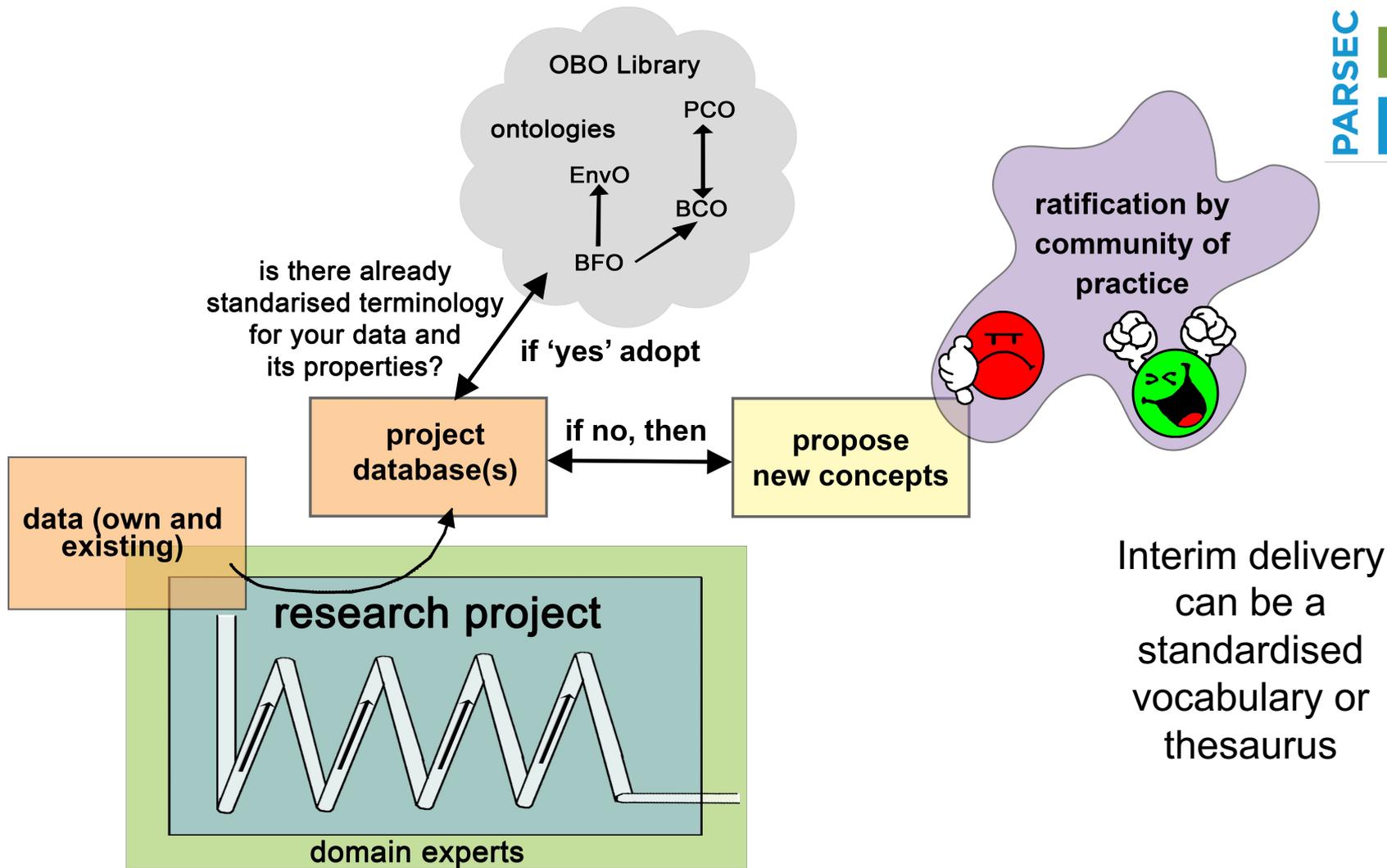


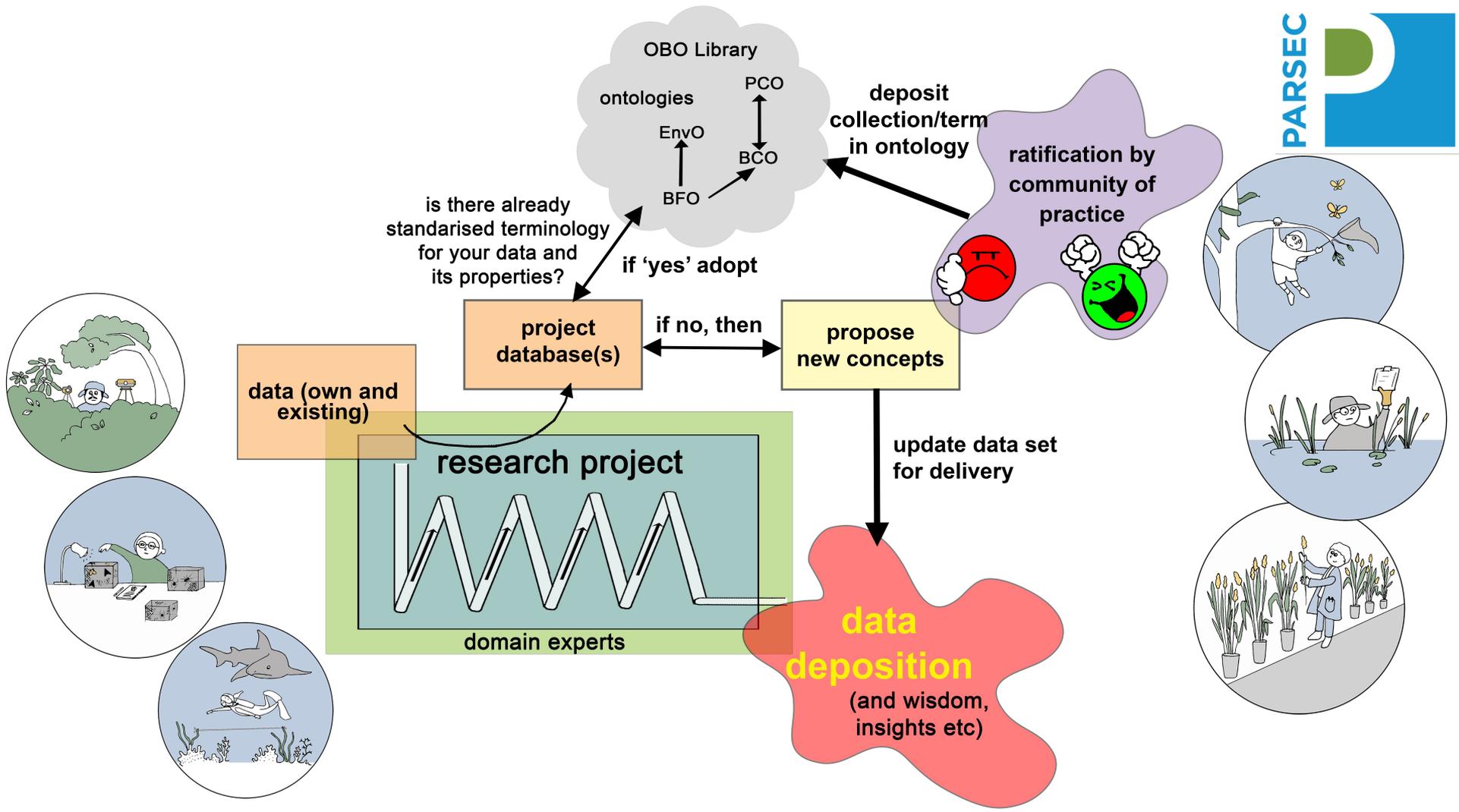




Set up a reference committee. Not your nearest neighbour, or the top dog in the field. This is a range of people to help rationalise a range of possible new concepts, and advise on completeness and quality.







Make it a game! Make it easy! Make an app!



Organise rewards (peer review credits, purl) and of course eventual ease of deposition, enhanced discovery and citations will become a plus in time.

<https://github.com/CESAB-FRB/Thesauform/wiki>

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Thanks to all those who have discussed and developed the concept of the Thesauform and other such approaches (Laporte x 2, Garnier, Buttigieg, Wall, Schildhauer, Pey, Leigh, Quido, Mougnot; also see TRY*)

<https://github.com/CESAB-FRB/Thesauform/wiki>

Garnier E. et al. (2017) Journal of Ecology 105: 298-309. doi: 10.1111/1365-2745.12698



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