

Improving access to climate data

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Subak

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The logo for SUBAK is rendered in a white, stylized, outlined font. The letters 'S', 'U', and 'B' are rounded and connected at the top. The 'A' is a simple triangle with a horizontal bar. The 'K' is composed of a vertical line and a diagonal line that extends upwards and to the right. Small blue dots are placed at the top of the 'S', 'U', and 'B', and at the top of the vertical stem of the 'K'.

SUBAK

**An accelerator and data
cooperative for climate
nonprofits**

Problem

“Climate and energy data is spread between scores of organisations, and poorly categorised even within organisations.

Data is lost after short-term projects are complete.

Links aren't made between datasets in different orgs”

Data Practitioner @ Ember Climate

Key Principles

Data is searchable

Finding data is easy and straightforward, I can search on many different terms

Data is trusted

It's easy to see what data is authoritative and what its quality is

Data is connected

It's easy to see what data relates to other data sources, or where else it has been used

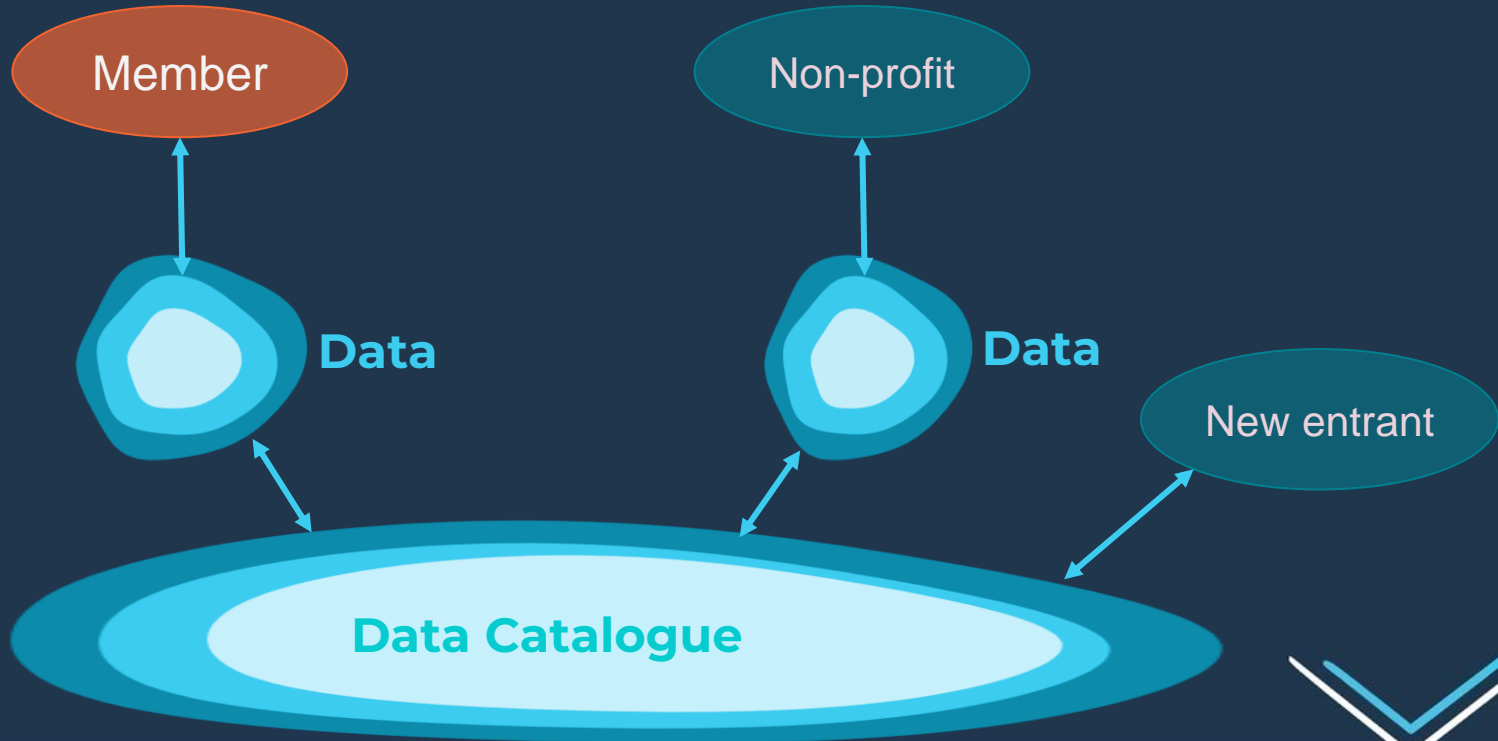
Changing the Relationship with Climate Data

How climate data is used today



Changing the Relationship with Climate Data

How we can improve things



data.subak.org



DATA CATALOGUE
Q 🔗 🛡️



Add Data

Datasets

Organizations



Subak.org

Laurence



Search data



8.1k DATASETS 🔍 SEARCHABLE 🔗 CONNECTED 🛡️ TRUSTED

Quick explore by theme

WIND

SOLAR

ENERGY

ELECTRICITY

AGRICULTURE



Power Plant Data Showcase

Our first data focus is on the power sector, which needs to rapidly decarbonise to hit climate targets and electrify other sectors.

Demo

main **community / metadata / dataset / schema.yml**



confusedmatrix Added primary and secondary taxonomy categories to schema

1 contributor

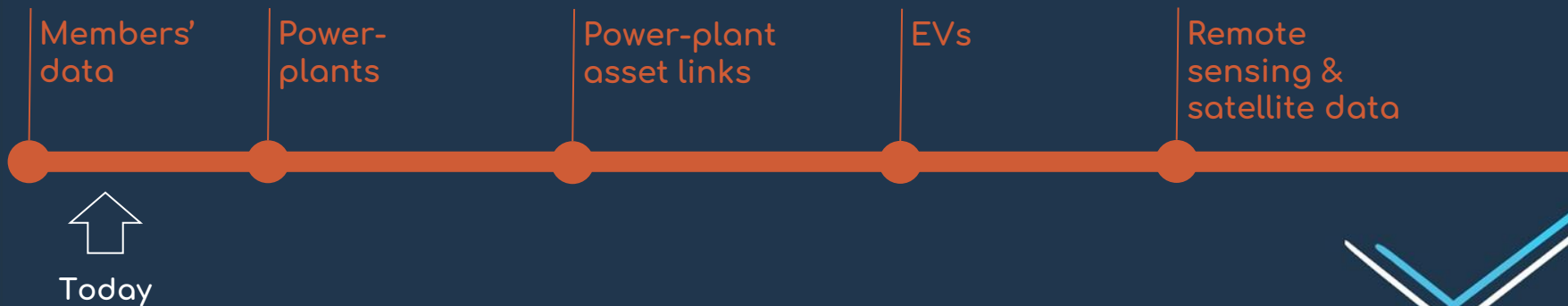
601 lines (570 sloc) | 15.1 KB

```
1 subak_dc_schema_version: 2
2 entity_type: dataset
3
4 fields:
5   - name: title
6     description: Name of the dataset
7     type: short text
8     required: true
9     example: Global Electricity Generation and Demand by Country
10
11   - name: owner_org
12     description: Name of the organisation that has produced/published the dataset
13     type: short text
14     required: true
15     example: Ember Climate
16
17   - name: overview
18     description: One or two sentences describing the purpose of the dataset
19     type: long text
20     required: false
```

Roadmap for Datasets

Phased approach to adding data

- Build up competence in focussed efforts
- Work in phases, tackling individual climate sectors, geographies or data types at a time





Thank You!

data.subak.org

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