



# Somebody else's problem

## OSS Business Models:

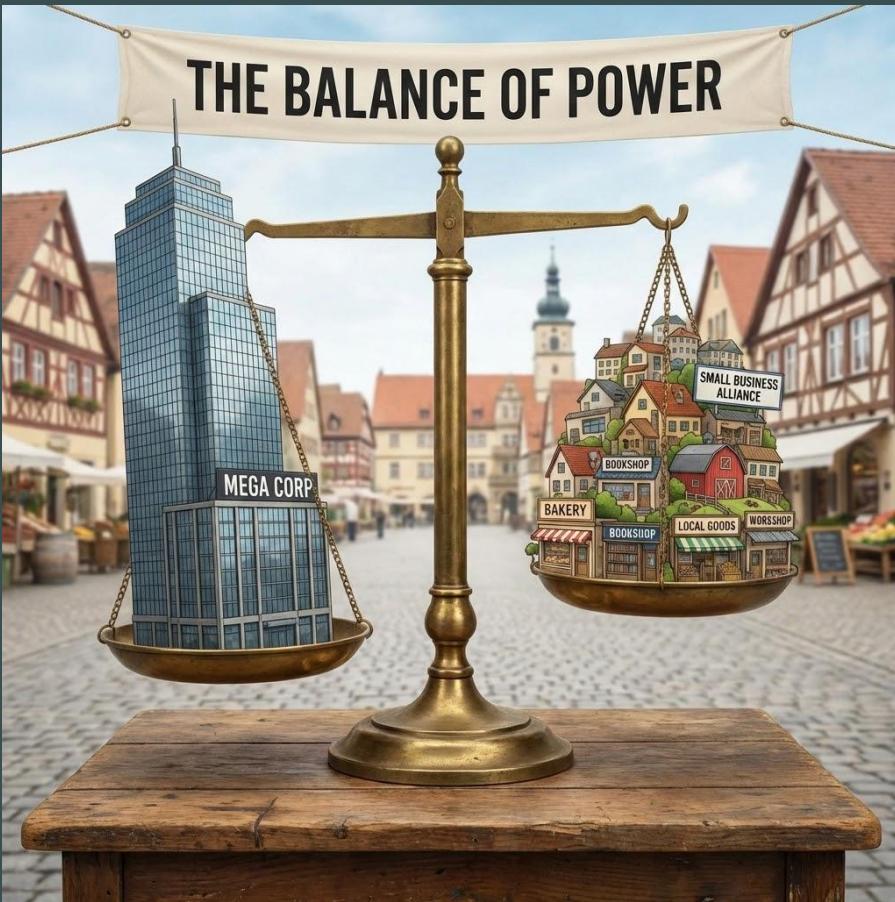
Custodian-led products to foster  
a buyer-friendly supplier market





BISHOPSGATE STREET, Nr HOUNDSITCH

The Engine and Cart of the London Assurance Proceeding to a Fire



London, 1720

### Insurer 1 & 2

- Had a duopoly in *statute*
- Tipped king £300k
- Economy burnt by free-market bubble
- Big, established business

vs

- Self-employed people in a coffee shop



**Inside Lloyd's of London.** (2025, August 6). *Wikimedia Commons*. CC-BY-SA 2.0

# What is Arches?



The default version of Arches includes six different types of resources (shown below) that can be recorded and related to each other.

These six resource types can be identified by:



**Heritage Resource**

These are culturally significant places such as archaeological sites, buildings, structures, monuments, shipwrecks, or any place regarded as heritage.



**Actor**

These resources are persons or groups of people. Examples include architects, surveying firms, historical figures, or cultural groups.



**Activity**

These are actions that occur over a period of time. Examples include surveys, investigations, excavations, literature review, and other actions.

## What standards does it use?

### CIDOC Conceptual Reference Model - An ontology for cultural and historical relationships

Arches is built using internationally adopted standards in the cultural heritage and information technology fields.



### Information Resource

These are objects that encode information such as images (either digital or traditional photographs), documents, reports, audio, or video recordings, and 3D models.



Expandable knowledge



Visual Querying



Geospatial visualisation



Knowledge network visualisation

Example from our Chemical inventory

<https://www.archesproject.org/what-is-arches/>

# Who is using Arches?

***Business Diversity: examples from our collaborators, competitors & friends in the community [i.e. not our work]***

<https://glher.historicengland.org.uk/>

<https://her.jerseyheritage.org/>

Getty

## Getty Provenance Index

[About the Index](#)   [User Guide](#)   [Training Sign-up](#)   [GPI Initiative](#)   [FAQ](#)   [Feedback](#)   [Access Legacy Index](#)

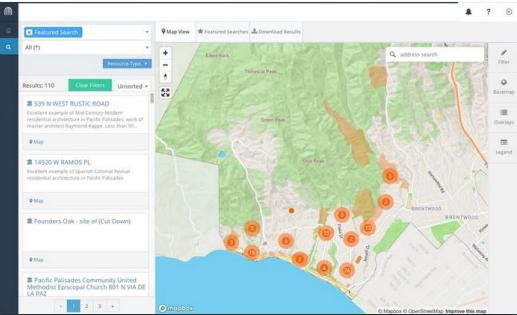
 **Arches Project**  
23 October 2025 · [Edit](#)

Powered by Arches: [Los Angeles City Planning](#)'s Office of Historic Resources has launched Palisades Fire Damage Assessments, a new Featured Search in [HistoricPlacesLA](#).

Using data collected by CAL FIRE, the Los Angeles Department of Building and Safety, and Los Angeles City Planning, the search highlights designated historic places that have received fire damage assessments following the January 2025 Palisades Fire. The assessments, which include site-specific evaluations and photographs, provide insights to expedite permitting and support rapid rebuilding, while also contributing to a broader understanding of wildfire impacts on historically significant places.

Use the Featured Search in [HistoricPlacesLA](#): [https://bit.ly/HPLA\\_FeaturedSearch](https://bit.ly/HPLA_FeaturedSearch)

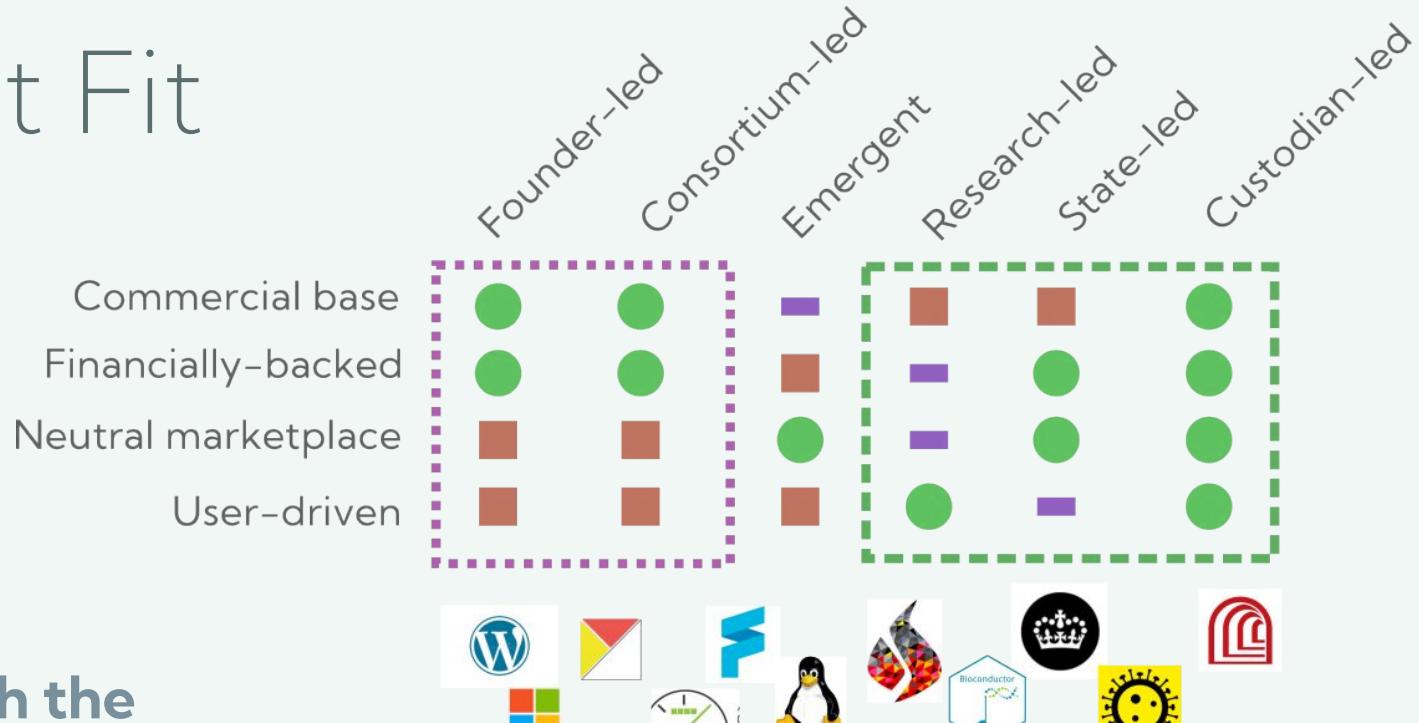
Read more about Palisades Rebuild and Recovery: [https://bit.ly/HPLA\\_Rebuild](https://bit.ly/HPLA_Rebuild)



## Arches Open Source Project Background

Arches grew out of a collaboration between the Getty Conservation Institute and World Monuments Fund to address the widespread need within the international heritage field for low-cost digital inventories that are on the one hand, easy to use and are customizable and, on the other, take advantage of the latest technologies to allow for creating and managing heritage information in all its richness and diversity. The GCI and WMF jointly developed Arches through version 3.0 and

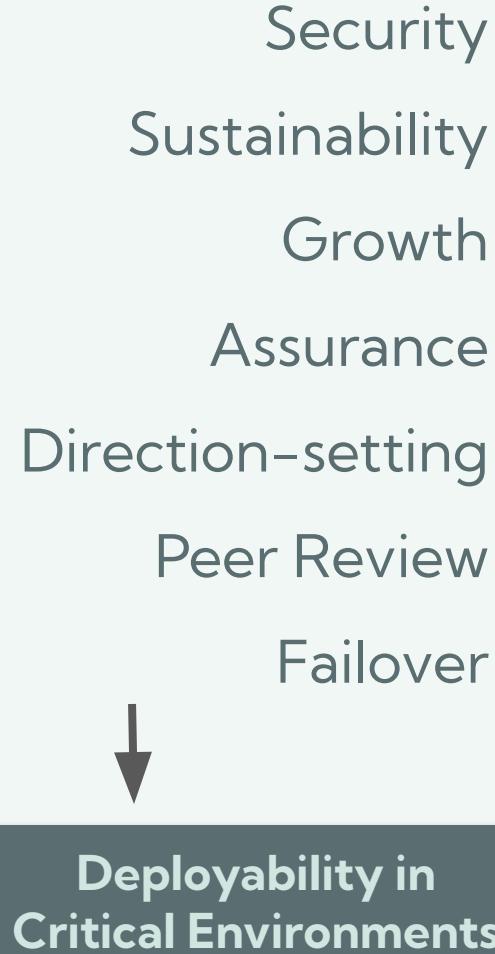
# Project Market Fit



OSS through the  
lens of potential  
suppliers

# Roles & Rails

- Governance & Expertise
- Product Owners & Community
- Technologists & Coders
- Forums & Exploration
- Onboarding & Engagement
- Provider Diversity & Growth



# Knowledge Management, Computation & Modelling



## From Government Asset Data to Emerging Physics & Resilience

ELLERY AMES PhD  
Scientific Computing  
Senior Engineer, US Lead | Burlington



JANA LORENCOVÁ  
Information Analysis  
Information Management | Aberdeen



HRISEYANA DELISKYÁ  
Semantic Project Manager  
Project Coordination | Sofia



STUART MARSHALL  
Platform Development  
Web Technologies | Belfast



KAMEN DIMITROV  
Infrastructure/DevOps  
Senior Engineer | Sofia



KANIKA MIGLANI  
Data Science, AI & ML  
Data Lead, India Lead | Bangalore

# BRACE: Insurability

## City Resilience & Our Roadmap

**Resilient cities  
map knowledge to map  
risk**

Every claim reveals a connection that should have been visible.



← exciting flood insurance video available



# Thank you

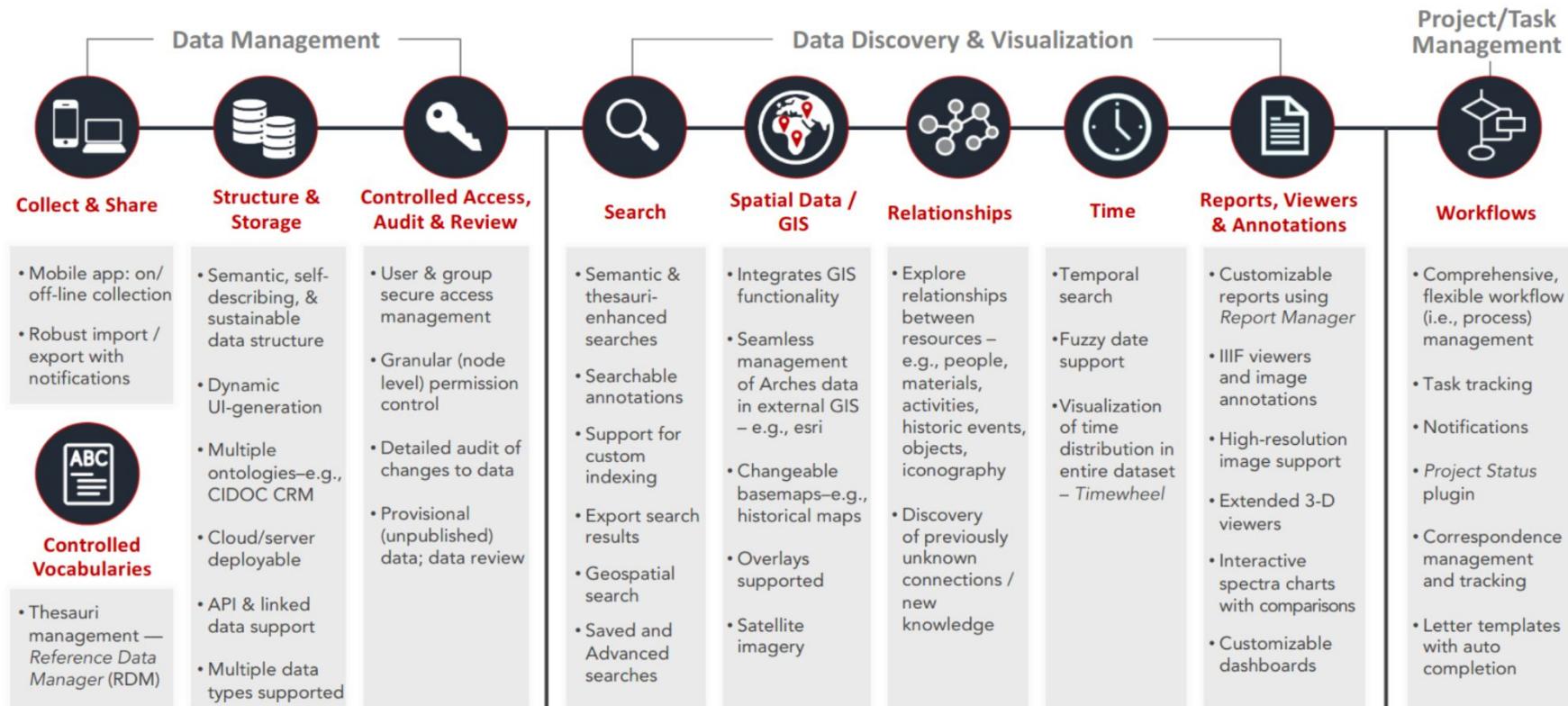
To progress, learn more or ask us any questions, reach out to [info@flaxandteal.co.uk](mailto:info@flaxandteal.co.uk)

Flax & Teal  
Open for Business





A comprehensive information and task management platform for heritage institutions  
[archesproject.org](http://archesproject.org)



Credit: Arches community // Getty Conservation Institute