Viten Hub

Accelerate Knowledge transfer from research to industry

SCIENCE LIVE

Transforming Research into Connected Knowledge

Presented by: Anne Fouilloux

"Building the infrastructure that transforms how knowledge flows from discovery to application"

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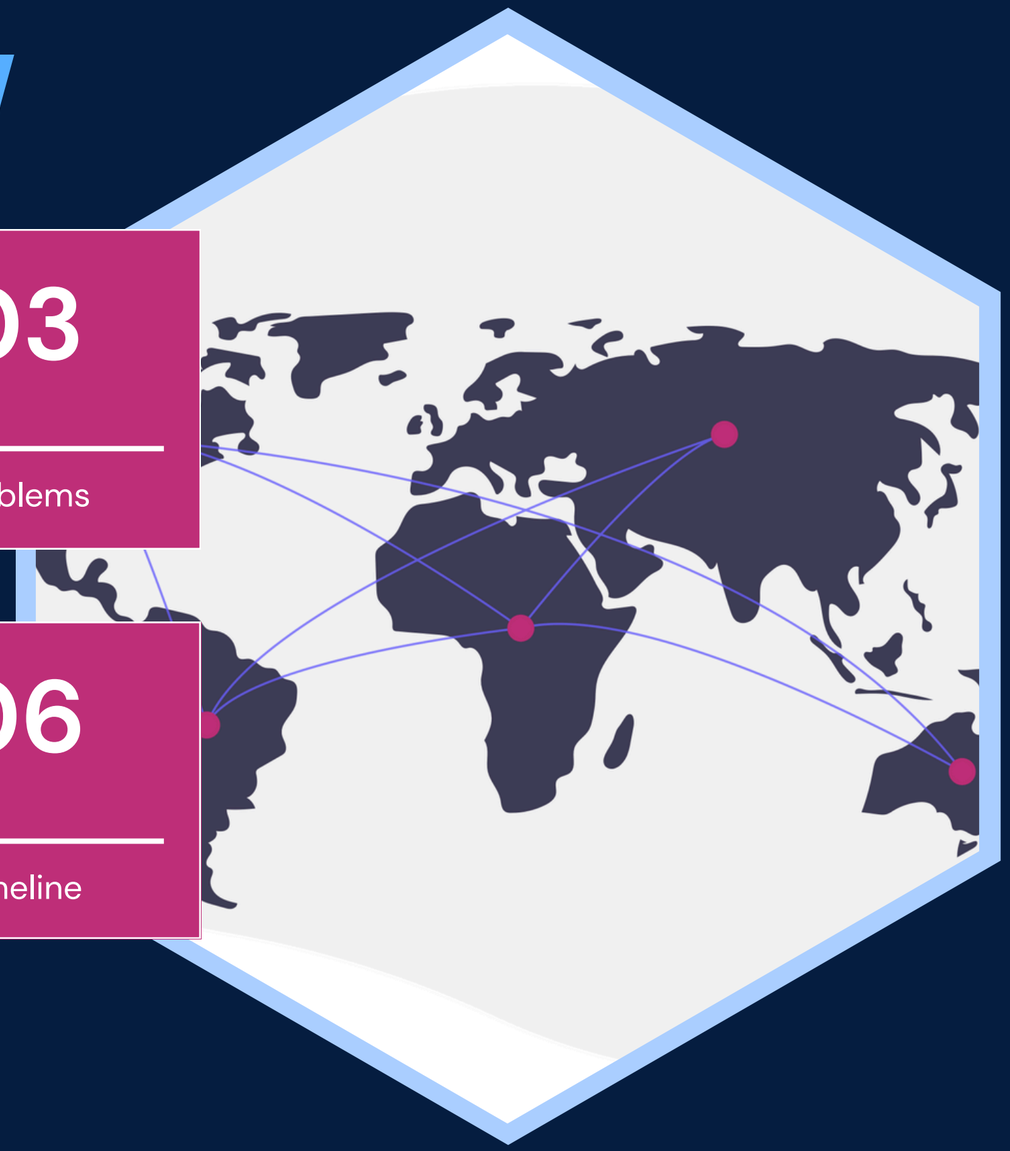


INTRODUCTION

Anne Fouilloux

Leading the Science Live Project

*I'm building a team of experts to create **Science Live** and solve the biggest bottleneck in scientific progress:*
the gap between scientific discovery and application.

- 🔬 30+ years in research and development
- 💻 Research software engineering expert
- 🌐 Semantic technologies specialist
- 🤝 Distributed project management experience

Building with support from Astera Institute

MISSION & CORE VALUES

MISSION

Accelerating how knowledge flows from discovery to application

CORE VALUES

Integrity - Transparent processes, traceable claims, honest attribution
Empowerment - Every contribution earns lasting credit that flows with reuse, from discovery to application
Collaboration - Success through cooperation, not competition
Impact - Research reaches society faster and not just academic papers

VISION: ***"A world without research silos, where breakthrough findings reach problem-solvers in days, not decades"***

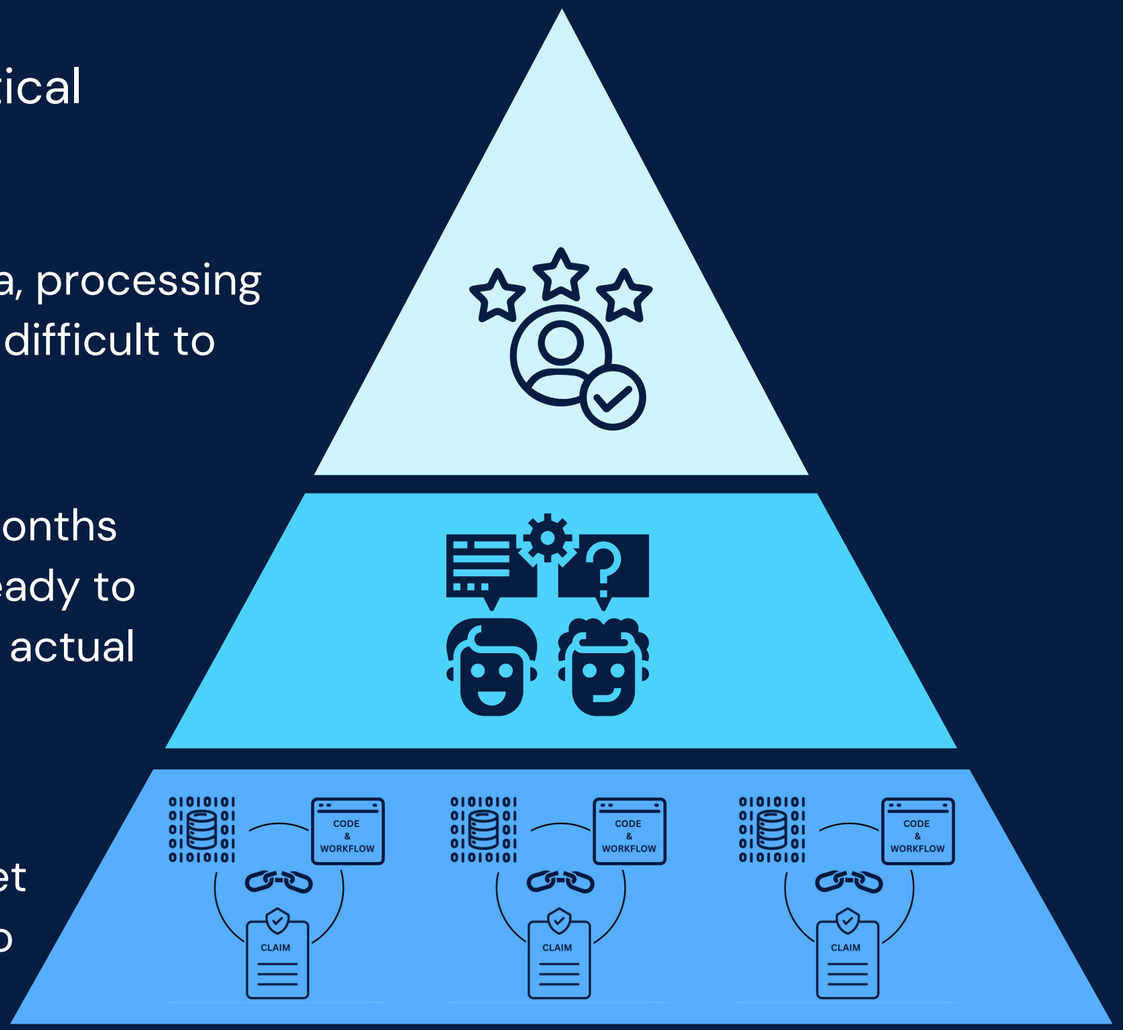
PROBLEMS

Today's research ecosystem is broken. We have **three** critical problems:

01 **Traceability gap**: The connections between claims, raw data, processing methods, code, findings, and applications are lost, making it difficult to trace how knowledge is created, validated, and used

02 **The research-to-application gap**: Industry teams spend months and millions trying to understand if academic findings are ready to use. Is the data available? Is the code reliable? What are the actual limitations?

03 **Impact-multiplying work not rewarded**: Researchers, research engineers, data scientists or application experts get no credit when making effort to structure their knowledge to help others. The incentive and rewarding system is broken.



The result? Critical research takes decades to reach the problem-solvers who could apply it, while the world's biggest challenges can't wait that long.

AUDIENCE

1ST

Data scientists

- Underserved community doing cutting-edge work in institutes, organizations or as sole entrepreneurs
- No platform for getting credit and recognition when their impact-multiplying contributions get reused
- High-value contributions with data, code, and structured findings
- Ready to adopt open and structured nanopublication methods

2ND

- **Academic researchers** - Have no way to trace reuse or show funders the downstream value of fundamental research, even when sharing research artifacts per open science policies
- **Industry teams** - Cannot determine if research is ready for application
- **Applied research institutes** - Can't trace or get credit for the critical value they add by preparing research for real-world application

WHY NOW?

- **Technology converges**: Semantic web + nanopublications + AI make machine-readable research infrastructure finally possible
- **Market demand**: Industry needs faster research-to-application + AI boom requires machine-readable research data
- **Capability exists**: Growing number of data scientists in labs can implement structured approaches + open science mandates drive institutional adoption.

THE SCIENCE LIVE SOLUTION

Science Live provides the infrastructure that connects academic researchers, data scientists, research engineers, and industry teams, transforming scattered research into a knowledge network where discoveries become applications.

Academic researchers

Better Reading & Citing

Use the **Science Live Zotero plugin** to track reading and create structured citations and claims as nanopublications

Research software engineers and applied researchers

Share results faster

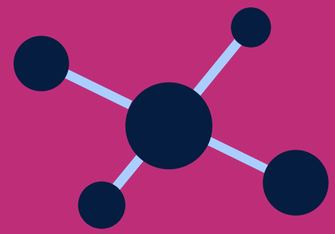
Skip lengthy papers. Publish **nanopublications** with data and code and **get credit**.

Industry teams

Find and reuse

Discover research findings **ready to use** with reusable, trusted data and code, and engage in discussions with researchers.

The magic will happen in the connections. Academic researchers create structured citations, applied researchers and RSEs publish nanopublications with data and code, and industry teams discover research findings ready for immediate application.



THE SCIENCE LIVE SOLUTION

We build infrastructure that turns scattered research into connected knowledge.

Academic researchers

Publish structured research **findings** and **scientific claims**

Review, discuss the research claims
Track their impact and **get credit** for facilitating reuse

Data scientists and applied researchers

Curate & structure **data, code and workflows**
Bridge research gaps by making findings **application-ready**
Earn recognition for their critical translation work

Industry teams

Discover *&* ***operationalize*** *findings*
Find ***application-ready research in days****, not months*
Build on ***trusted****,* ***traceable*** *research foundations"*

The magic happens in the connections

Academic researchers create nanopublications with structured claims and findings, data scientists create nanopublications with curated data, code and workflows, and industry teams discover research findings that they can immediately test and make them operational for application - all supported by ***transparent peer review and endorsements*** *that maintain* ***trust throughout the knowledge chain*** .

TIMELINE

From vision to reality

April – July 2025

- Conduct user interviews and assess needs
- Design solutions and define guiding principles
- Embed Open Science at the core of Science Live

DONE

August – October

- UI/UX mockups and interface design
- Pitch deck and homepage development
- Core platform development kickoff
- Initial market testing completed
- Focus group sessions and validation
- Market sizing and financial modeling

November – February

- Platform improvements based on user feedback
- Analytics framework and impact measurement
- Open Science progress update
- Business plan: structure and governance
- Fundraising strategy and pitch deck refinement

March - May 2026

- Platform launch and community building
- Activate Open Science governance model
- Publish development insights and best practices
- Monitor usage and optimize platform performance

June 2026

- Community-driven governance implementation
- Sustainable funding model activation
- Transition to independent operation

Viten Hub

Accelerate Knowledge transfer from research to industry

Thank you!

Connect with us.

https://sciencelivehub.github.io

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