

knowledge pixels

knowledgepixels.com

Building the first universal and globally integrated
knowledge sharing platform for researchers

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Horizon Europe Partnership Offer

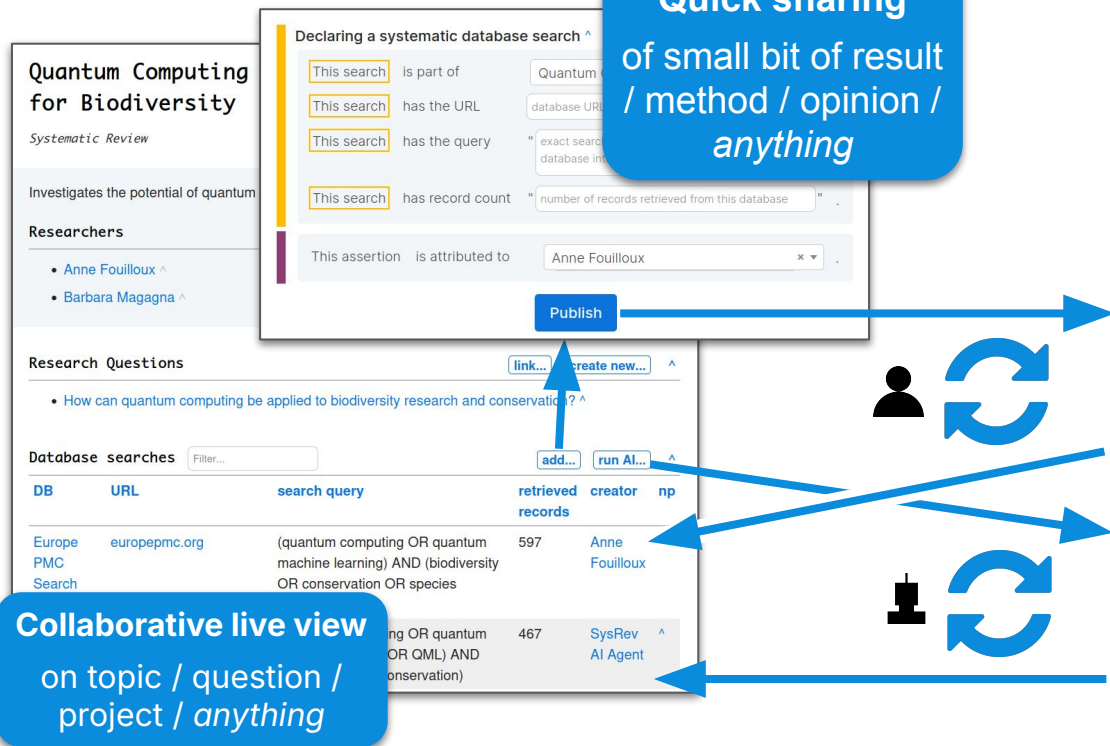
19 January 2026

This is Knowledge Pixels

- **Tech startup/SME** based in Switzerland
- **Core technology: Nanopublications** — treating knowledge graph snippets as small provenance-aware publications
- **Core products:**
 - **Nanopublication network:** Robust P2P network to publish and query nanopublications
 - **Nanodash:** User client based for easy and fast knowledge sharing via nanopublications
 - Open source / open protocols / anti-silo / maximum FAIRness
- **Main expertise:**
 - Knowledge graphs and related semantic technologies (RDF, SPARQL, SHACL)
 - Distributed systems; decentralized cryptography-aided trust
 - FAIR, Open Data, data stewardship
 - Conceptual modeling, provenance, evidence, metadata
- **Experience:**
 - Team with extensive experience in research projects, consortia, and working groups
 - Technology leaders in nanopublications and FAIR

Our Solution: Fast and easy sharing of all kinds of knowledge, globally integrated

User journey example:



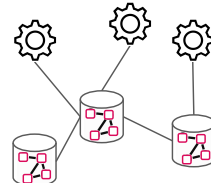
Our solution stack:

Platform: **Nanodash** nanodash.

Hosts diverse **Knowledge Apps**

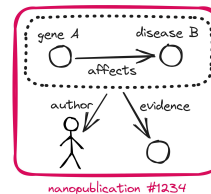
Infrastructure: **P2P Network**

Provides **globally integrated** knowledge graph



Format: **Nano-publications**

Universally apply to all research aspects



Partnership Offer

We are interested in collaborations on:

- Improving FAIRness of scientific data repositories and workflows
- Exploring alternative channels for publication of structured knowledge, including AI output, with detailed provenance
- Structuring scientific discourse and evidence
- Applying neuro-symbolic AI on knowledge graphs
- Exploring novel precise and transparent AI-powered interfaces

Preferred roles:

- Technical partner contributing FAIR / knowledge graph expertise
- Provider of knowledge graph / FAIR data technology
- Leading pilot implementations for given use cases / user groups

Get in touch

We'd love to hear from you and explore possible collaborations.

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