

Biolevate

Biolevate

Accelerating innovation and research in:

Healthcare - Energy - Manufacturing - Academia - Defence



Biolevate

50% Researchers
50% AI & Tech

Based out of Paris

Seed round with

IEQT & **bpifrance**

FUTURE 40

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Accelerating innovations & research

The reasons behind Biolevate

AI represents an incredible opportunity to bring innovation and research faster to the world but



Drug development

\$2B +

Takes on average **10-15 years**
and costs **billions of dollars**. [1]



AI Adoption for researchers

89%

Of researchers argue that
precision is the main limitation
of Gen AI adoption [2]



Untapped data

80% **unstructured data**

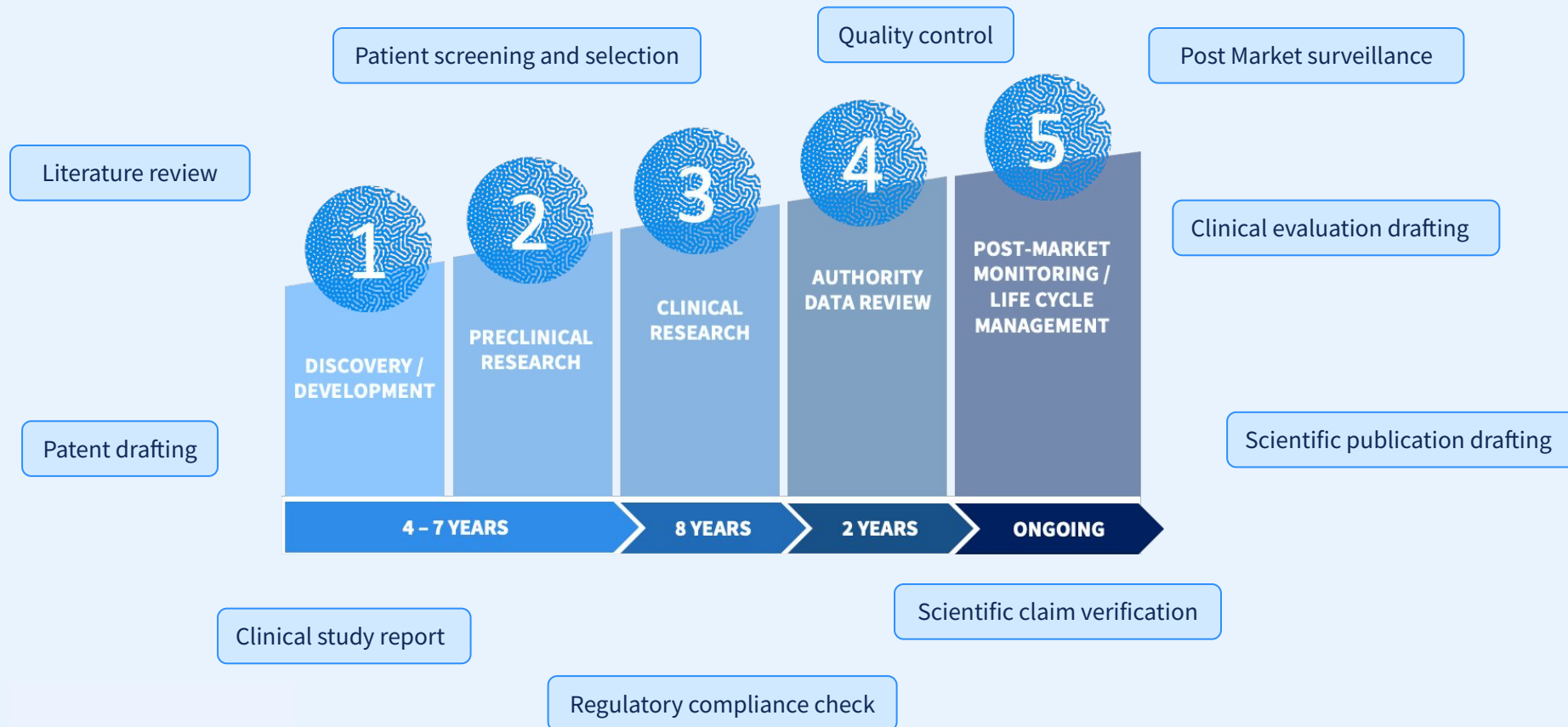
AI solutions are currently based
on structured data only.
Unlocking unstructured data
yields a huge potential [3].

[1] Deloitte pharma study: R&D returns are improving – regulation could stifle innovation, 2024

[2] Biolevate survey

[3] Gartner. 'Structured vs. Unstructured Data: What's the Difference?', 2022.

Example: How we impact the drug development cycle



Features



STRUCTURE

Search : Search efficiently thanks to the knowledge graph built on your ontologies

Extract : Automate large-scale data extraction

Enrich : Enrich your data by cross-referencing information from other sources



ASK

Q&A : Standardize the questions to be asked systematically when analyzing document collections.

Ask : Chat directly with your documents to get accurate, sourced answers.



GENERATE

Template : Generate document templates from existing guidelines or examples.

Outline : Automatically create the structure and outline of your document from sources

Content : Write customized content—paragraphs, detailed sections, or summaries—based on a corpus of sources.



AUDIT

Control : Verify that your documents comply with one or more regulations.

Review : Review and validate any documentary project in collaboration with your peers.

Features

Search

Search and select public or private databases of documents through our connectors.

Extract

Extract key data points from selected collections of documents whatever the type

Enrich

Enrich your data by cross referencing information from other sources (collections or internet)

Q&A

Ask complex questions to your document collection

Control

Check for compliances

Editor

Generate document templates and write reports and publications

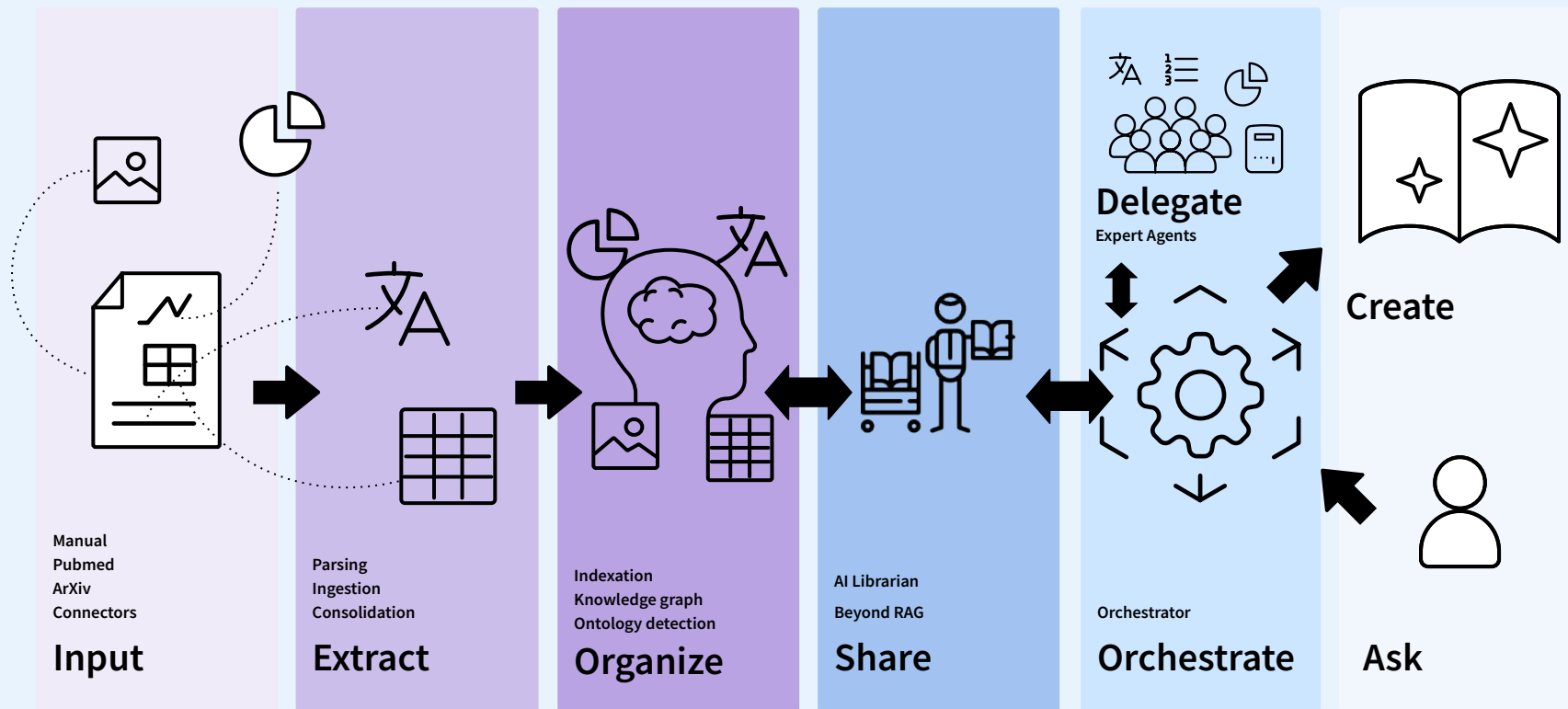
Review

Review collaboratively with peers any document draft

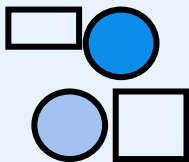
Ask

Chat with your document collection

How it works

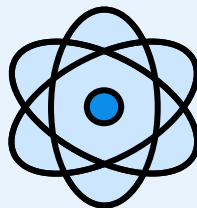


Core differentiators



Modular

Expert Agents
Infrastructure Agnostic
 (Hardware/LLM)
Prompt optimizer



Mastering Complexity at Scale

Multi-Modal Document Intelligence
30+ specialized content parsers: equations, chemical formulas, diagrams, tables, code
Deep understanding beyond text extraction
Orchestrated Question Decomposition
Intelligent task planning & splitting
Thousands specialized agents working in parallel
Dynamic mind map construction
Breaks context window limitations through iterative reasoning



Trust

Traceability (source)
Audit (log)
Explainability

Value proposition

Transformative outcomes

From days-to-weeks manually
→ Comprehensive reviews in days

Speed

**Cost
Efficiency**

FTE burden reduced by
automating repetitive tasks

**High
Performance &
Scalability**

Continuous, automated
monitoring across multiple
therapeutic areas

**Insight
-
Driven
Decisions**

Cross-referencing contradictions and
trends uncovered automatically

Compliance

Consistent, audit-ready outputs with
full traceability

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