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SOLUTIONS

ALCHEMIX

Discover Limitless Recipes

A fast-moving world vs Slow industrial R&D.



1,5y vs **5y**

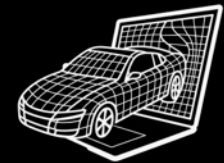
TIME TO MARKET

FEROCIOUS **GLOBAL**
COMPETITION



NO COMPROMISE
ON **QUALITY**

ZERO PROTO
APPROACH



All at once. No trade-offs

Are we applying AI where it really matters?

Despite the urgency...

AS IS

AI FOR PRODUCTIVITY

- Meeting summaries
- Knowledge extraction
- Enterprise search

TO BE

AI FOR CUSTOMER VALUE

- R&D experimentation
- Quality prediction
- Process optimization

THE FOUNDATION OF INDUSTRIAL A.I.

Good
DATA

Unstructured
KNOWLEDGE

DISTINCTIVE
process

FROM BRAKING LEADER TO

A.I. SOLUTION PROVIDER



SENSIFY

UNLOCK UNIQUE EXPERIENCES.

INTELLIGENT PRODUCT

DATA CONNECTIVITY EDGE-AI

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A.I. DRIVEN COMPANY

R&D QUALITY MANUFACTURING

Brembo Inspiration Labs: Connecting AI to manufacturing.



SPEED OF
INNOVATION

TECHNOLOGICAL
KNOW HOW

GLOBAL
ECOSYSTEM

Why formulation is the perfect AI problem

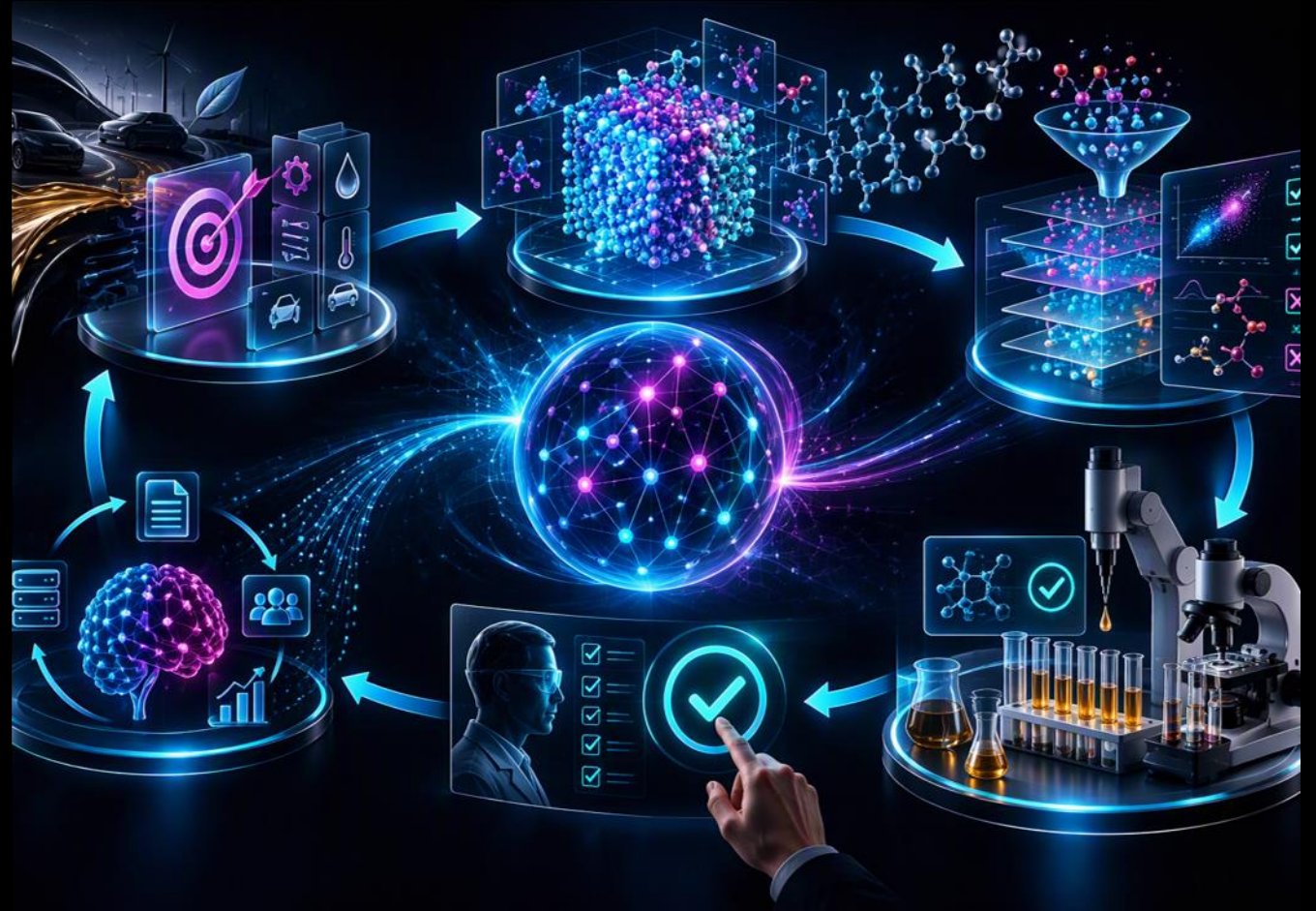
VAST solution space

MULTIPLE constraints

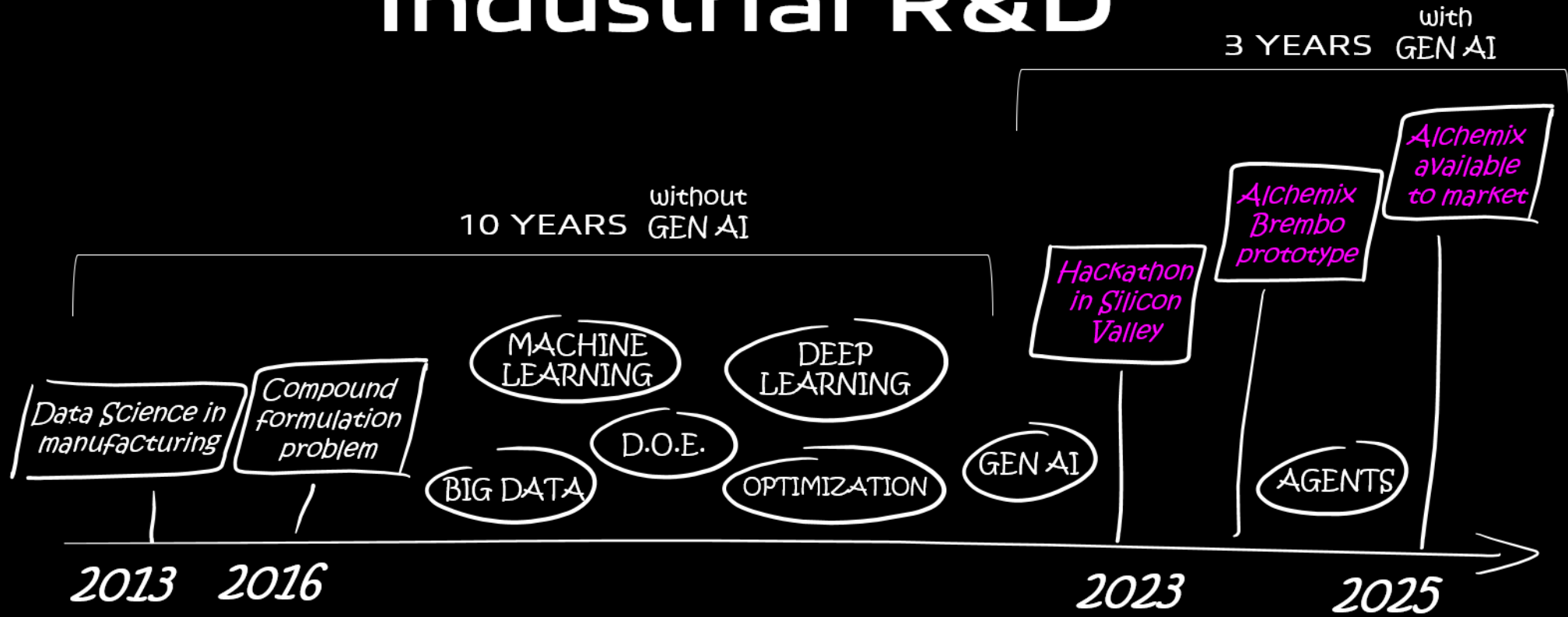
SCARCE experiments

TACIT knowledge

HIGH cost of failure



The impact of Gen AI for Industrial R&D



GEN AI AND **AGENTS** ARE ACCELERATING INNOVATION AND PRODUCT DEVELOPMENT LEVERAGING UNSTRUCTURED DATA

AI-native formulation

EMPIRICAL

D.O.E.

90's

DATA SCIENCE

PREDICTIVE MODELS

2010's

ALCHEMIX

GEN AI + MACHINE LEARNING

2025's

TIME TO
MARKET

5Y

3Y

<1.5Y

#PROTOTYPES

50

40

20

#RECIPES

1

30

500+

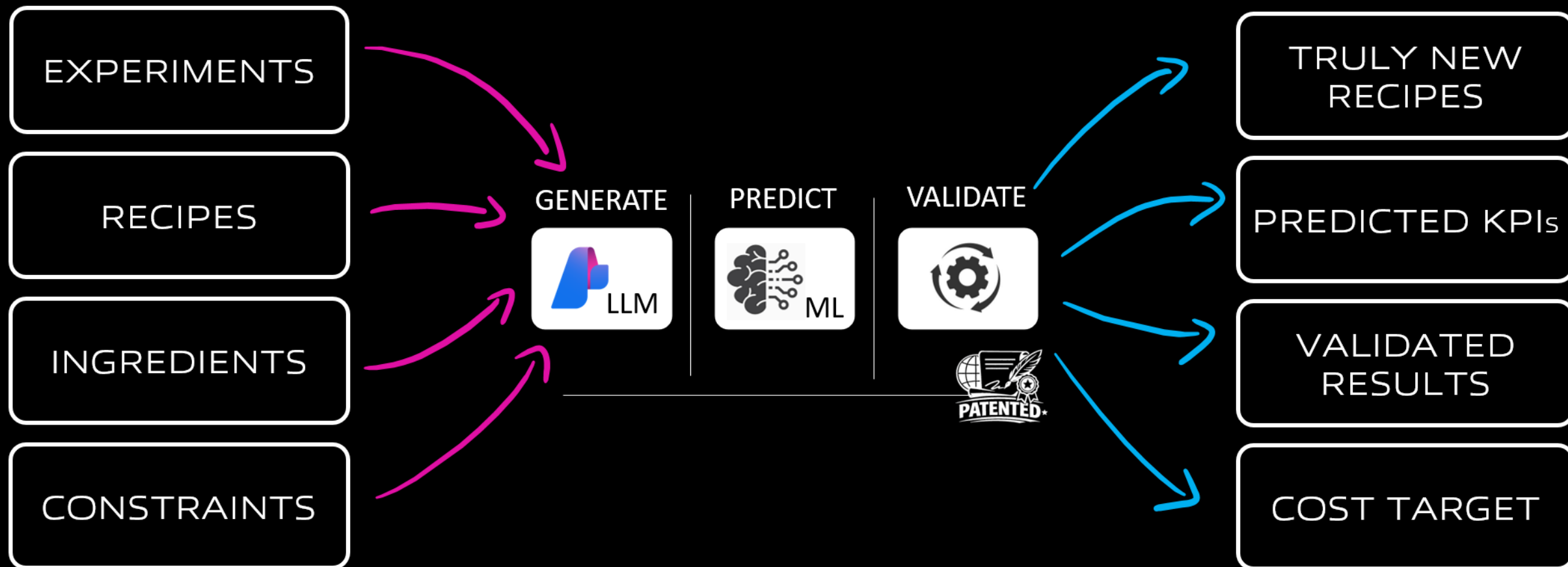
SIMULATIONS

Based on  brembo use cases

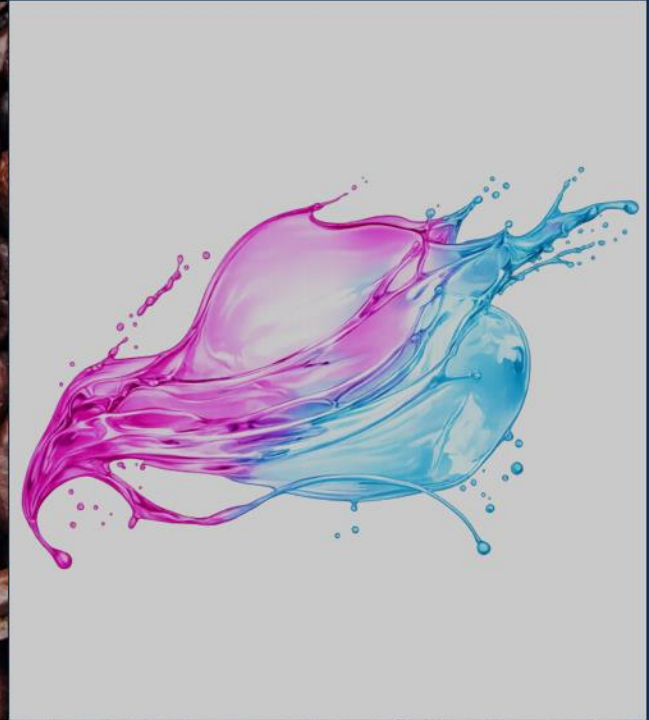
AI doesn't just accelerate R&D;
it fundamentally changes its scale.

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Discovery Limitless Recipes

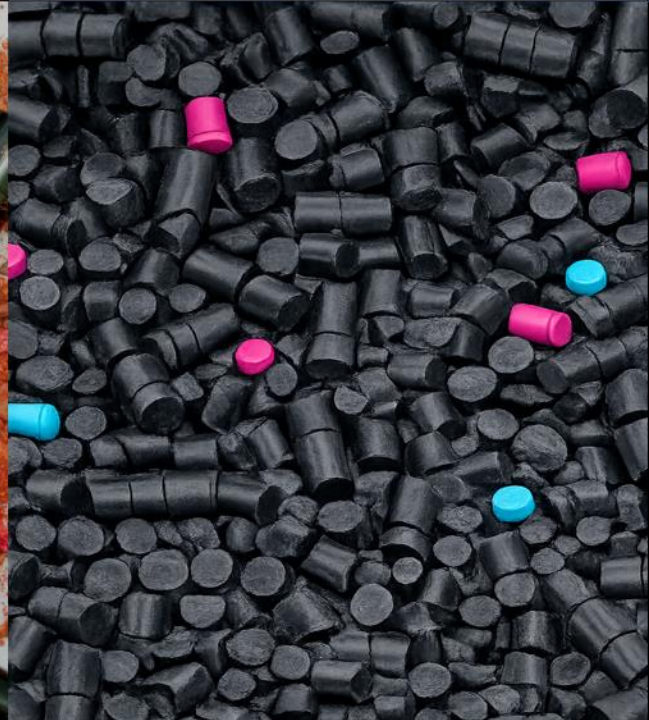


... from weeks to minutes.



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CROSS INDUSTRY APPLICATION



Combining technology with domain experience

Our main technological partner for the transformation



Satya Nadella, Microsoft CEO, on June 2026 introducing ALCHEMIX – DISCOVERY partnership in San Francisco.

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AI • DOING

San Francisco



Bergamo



Shanghai



R&D



Quality



Manufacturing





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CREATE NEW RECIPE

ARCHIVE

COST VIEW

UPLOAD DATA

?

👤

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Welcome to ALCHEMIX

Discover Limitless Recipes

Transform your R&D process with our cutting-edge AI platform designed for compound formulation. Experience the future of materials science with intelligent algorithms that deliver both innovation and industrial feasibility.



CREATE NEW RECIPE

Generate new formulations or optimize existing ones.



ARCHIVE

Search, compare and analyze your historical R&D knowledge.



COST VIEW

Evaluate the cost impact of ingredients and formulation choices.



UPLOAD DATA

Upload and organize data to power your recipe generation.

ALCHEMIX



AI success is not about models.
It's about redesigning R&D.

GOOD DATA

VS

Big data



VALUE •

PERFECT FIT

VS

Good enough



• TRUST

The future of formulation R&D



Human judgment remains in control.
AI expands the field of possibilities.

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 [linkedin.com/brembo-solutions](https://www.linkedin.com/company/brembo-solutions)

THANK YOU

DISCOVER ALCHEMIX
now!!

