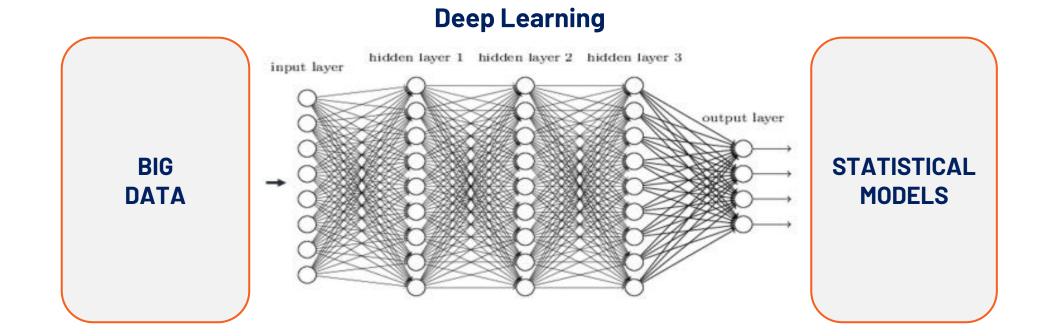
# HUMAN-LEVEL ARTIFICIAL GENERAL INTELLIGENCE (AGI)

The pathway to a new Al Leadership



# THE PROBLEM

#### Generative Al faces four main challenges:



# THE PROBLEM

#### Generative Al faces four main challenges:



Untraceable (Black Box problem)



Untrustable (Black Swan & Hallucinations)



The lack of **Causality** and **Generalization** 



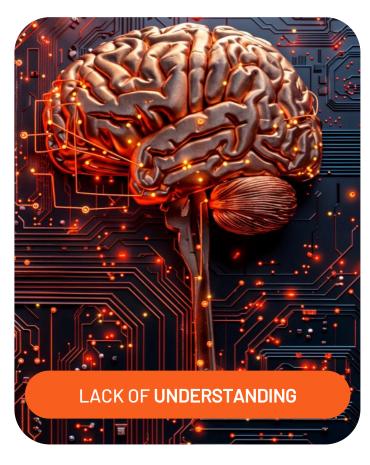
Highly **Inefficient** 

#### THE PROBLEM

Generative Al faces four main challenges:

**GENERATIVE AI = NON CRITICAL PROBLEMS** 

# LIMITATIONS TO ACHIEVE AGI







#### LIMITATIONS TO ACHIEVE AGI

#### SUBJECTIVE EXPERIENCES

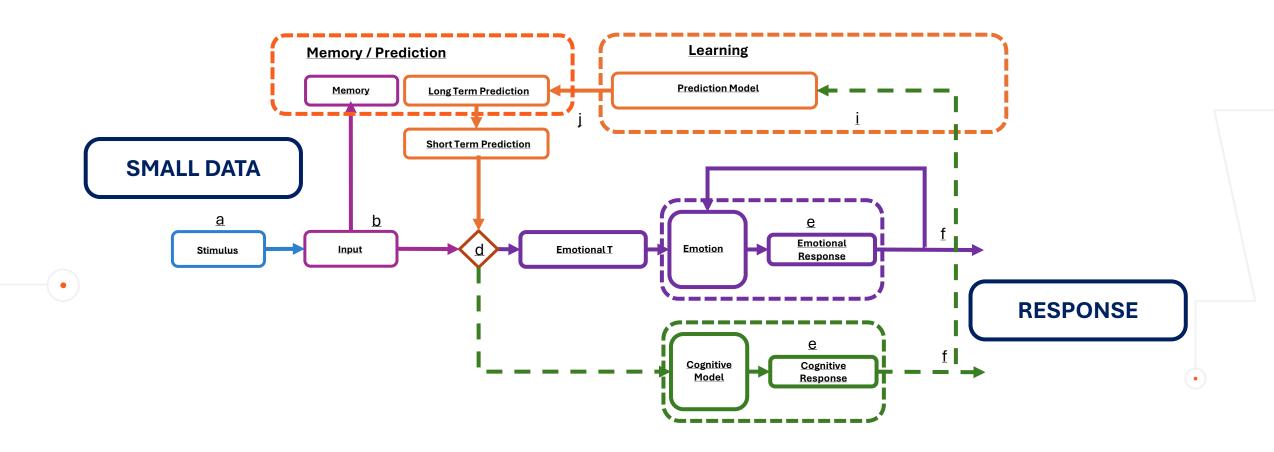
Exclusive Knowledge that is our competitive advantage



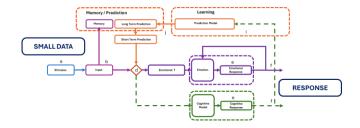
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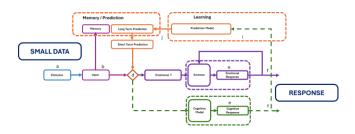
We brake complexity apart



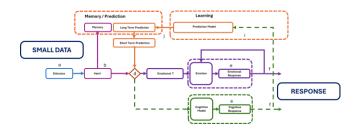


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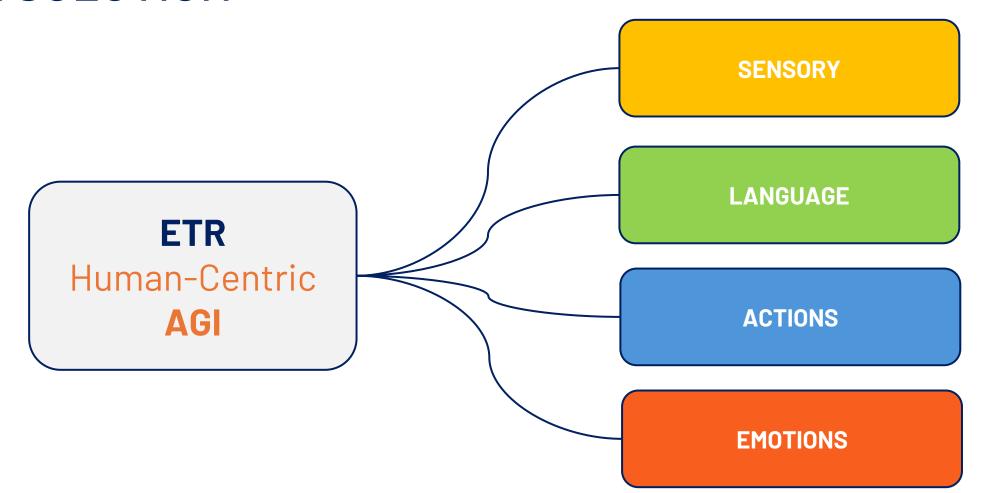




Conceptual-Relational
Shared space
Neural-Graph



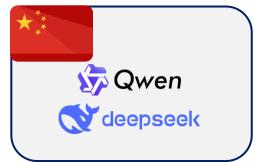




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# **COMPETITORS**







- BLACK BOX (untraceable)
- BLACK SWAN (hallucinations)
- **STATISTICALLY** related Data
- Highly INEFFICIENT
  (Big-Data, Deep-learning)

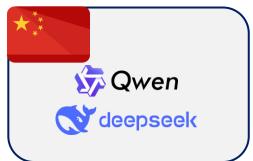


#### **ALGORITHMIC AGI**

- TRACEABLE Neural-Graphs
- TRUSTABLE reasoning
- CAUSALLY related concepts
- Highly EFFICIENT learning
- Pseudo-Conscious

#### **COMPETITORS**







#### **GENERATIVE AI**





#### **ALGORITHMIC AGI**

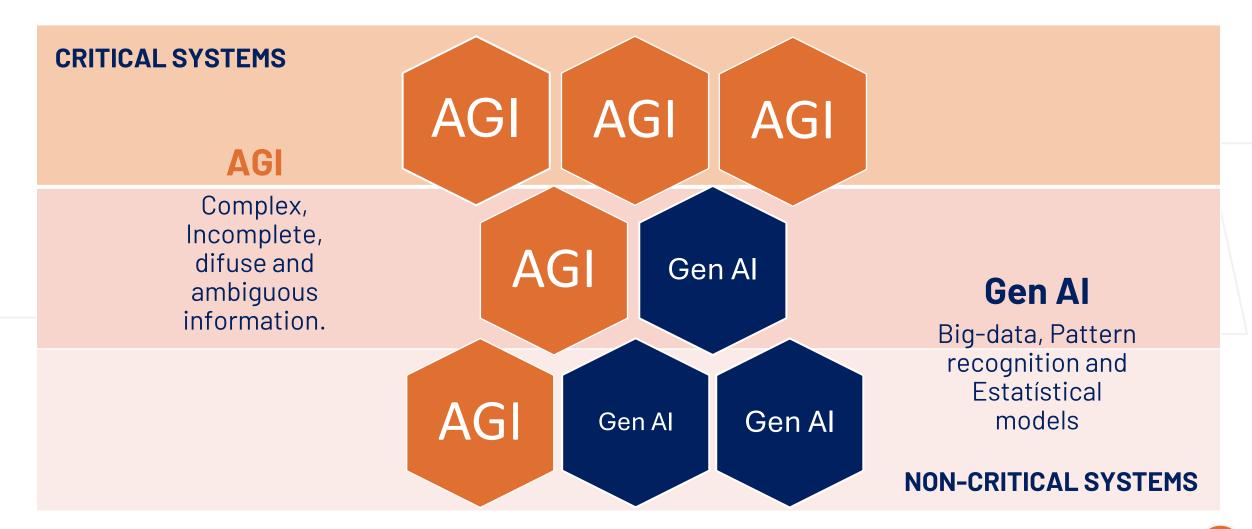
- **▼ TRACEABLE Neural-Graphs**
- **▼ TRUSTABLE** reasoning
- CAUSALLY related concepts
- Highly EFFICIENT learning
- Pseudo-Conscious

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# **OUR SOLUTION**

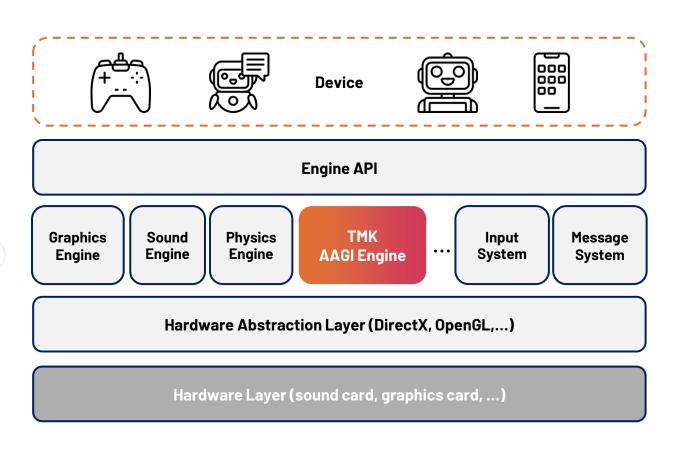


# AGI vs. GEN AI



#### INTEGRATION

ETR "Behavioral Engine" multi-device, multi-platform SaaS/Edge AGI technology







#### **TELECOMUNICATIONS**

Chatbots for customer support, network optimization tools

**Learning and Self-Improvement** 

Self-improving telecom systems that autonomously troubleshoot, optimize, and learn new protocols without human intervention

AEROSPACE & DEFENSE

Gen Al

Al-driven maintenance prediction, flight planning software

Personalization and Relationship Building

Autonomous, relational Al in defense systems capable of understanding complex social and relational factors, aiding in diplomatic and operational decision-making

AGI

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#### **MANUFACTURING**

Assembly line robots, automated quality control systems

**Language and Communication** 

Collaborative robots that communicate naturally with humans, understand nuanced instructions, and adapt to complex, custom manufacturing needs

**E-COMMERCE** 

Gen Al

Generative design software and recommendation systems in design tools

AGI

Adaptability and Flexibility atonomous design tools that crea

Autonomous design tools that creatively collaborate and adapt to trends and personalized needs.

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#### **FINANCE**

Content recommendation algorithms, Al music composition

**Decision-Making and Planning** 

Fully autonomous financial planning with contextual and long-term strategic decision-making, ethical judgment, and economic forecasting

PRODUCT DESIGN

Gen Al

Sentiment analysis, personalized product recommendations

AGI

Context and Emotional Understanding
Systems capable of empathizing with
customer emotions, preferences, and
contexts to provide a personalized,
empathetic shopping experience

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#### MEDIA & ENTRETAIMENT

Algorithmic trading, credit scoring, robo-advisors

#### **Creativity and Innovation**

Highly creative AI capable of generating original stories, music, and art that adapt dynamically to viewer preferences or social contexts

#### **INTELLIGENT AGENTS**

Gen Al

Virtual assistants (e.g., Siri, Alexa), search engines

AGI

#### **Knowledge and Reasoning**

Autonomous personal assistants with empathetic conversations that can perform complex tasks.

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#### **HEALTH**

Gen Al

Diagnostic tools, virtual health assistants, predictive analytics

AGI

#### **Adaptive and Personalized Care**

Autonomous healthcare that can provide personalized care, complex diagnoses, and even psychological support

# TRANSDISCIPLINARY FULL-TIME TEAM



Mario Garcés | CEO
Computer scientist, neuroscience and AGI
researcher. Serial entrepreneur since 1995



Víctor Simic | CIO

BSc in Electronic and

Electromechanical Engineer,

MSc in Artificial Intelligence
and interactive systems



Angel de la Fuente | IT Manager Computer Scientist, senior administrator of Networked Systems and Level 3 Certificate in Systems Security



Beatriz Cosculluela | CTO BSc in Electronic Engineer, MSc on Biomedic Engineering



Adrià Sánchez | Environment Developer Videogames & 3D VR environment Senior Developer



Lara López | CSO
MSc in Biology
and PhD in NeuroBiology



Julian Alonso | Model Researcher

BSc Physics,

BSc Mathematics



Carolina Vallejo | Behavior researcher
BSc in Psychology
and MSc in Neuropsychology

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# EXTENDED TEAM (tech partner)





Rafael del Hoyo
Al Dept. Director
BSc Physicist, MSc in Al systems
PhD Computer Science, Leader of Big Data
and Cognitive Systems



Rosa Montañés
Al Lenguage researcher
BSc in Telecommunications Engineer,
MSc on Cognitive Sciences,
Al Language models



Gorka Labata
Al Models researcher
BSc in Mathematics, MSc in Modeling,
Mathematical Research, Statistics
and Computing Education, data scientist



Luis García
Al DEVOPS Engineer
BSc Computer Engineering,
MSc DEVOPS Engineering,
Al & Big Data technician and DEVOPS



Carlos Marañes
Al solutions developer
BSc Computer Science,
MSc in Computer Science,
Computer Vision Engineer

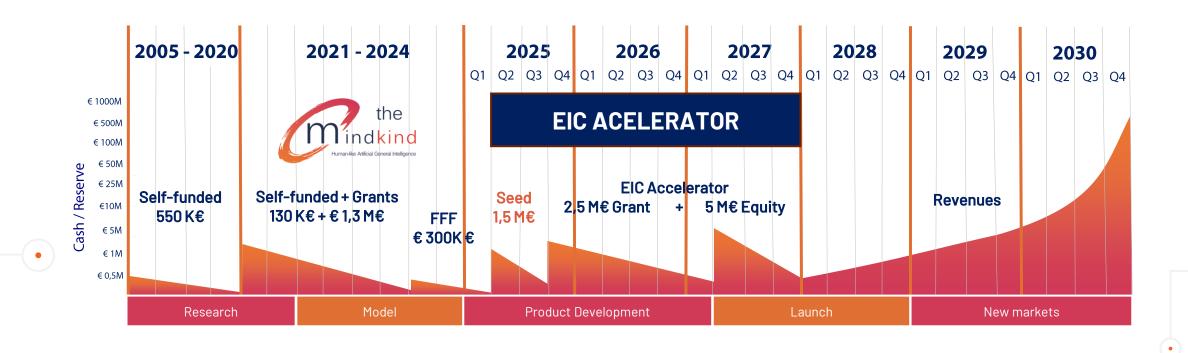


Laura Gil,
Technology humanizer
BSc Historian of Art. Humanizing
Technology and
business development



Alex García,
Computer Scientist
Technological polymath, Ideation,
technology integration
& Robotics

#### **FUNDING**



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# THE MINDKIND'S INFLUENCE



#### **Artificial Intelligence**

# THE MINKIND At a high-level meeting with Spain's Science Minister.

Its CEO, Mario Garcés, highlights the urgent need for R&D funding to accelerate advanced projects, including groundbreaking strides in General Artificial Intelligence—the industry's elusive 'Holy Grail."



#### **Technology**

#### Spain's Prime Minister Praises The MindKind for Leading the Rural Sustainability Revolution

Pedro Sánchez spotlights the innovation of The Mindkind, an Aragón-based SME, in the presentation of a  $\ensuremath{\in} 4.5$  billion Recovery Plan, lauding its role in driving green transition and digital transformation to tackle demographic challenges and strengthen rural Spain.



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# WE ARE HERE

#### CASTEJÓN DE SOS

(Benasque Valley, Huesca's Pyrenees)



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# JOIN US TO BECOME A PART OF THE HISTORY OF TECHNOLOGY



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