

Innovación en Agricultura

Sebastian Langbehn

La innovación es difícil de categorizar pero este es un intento

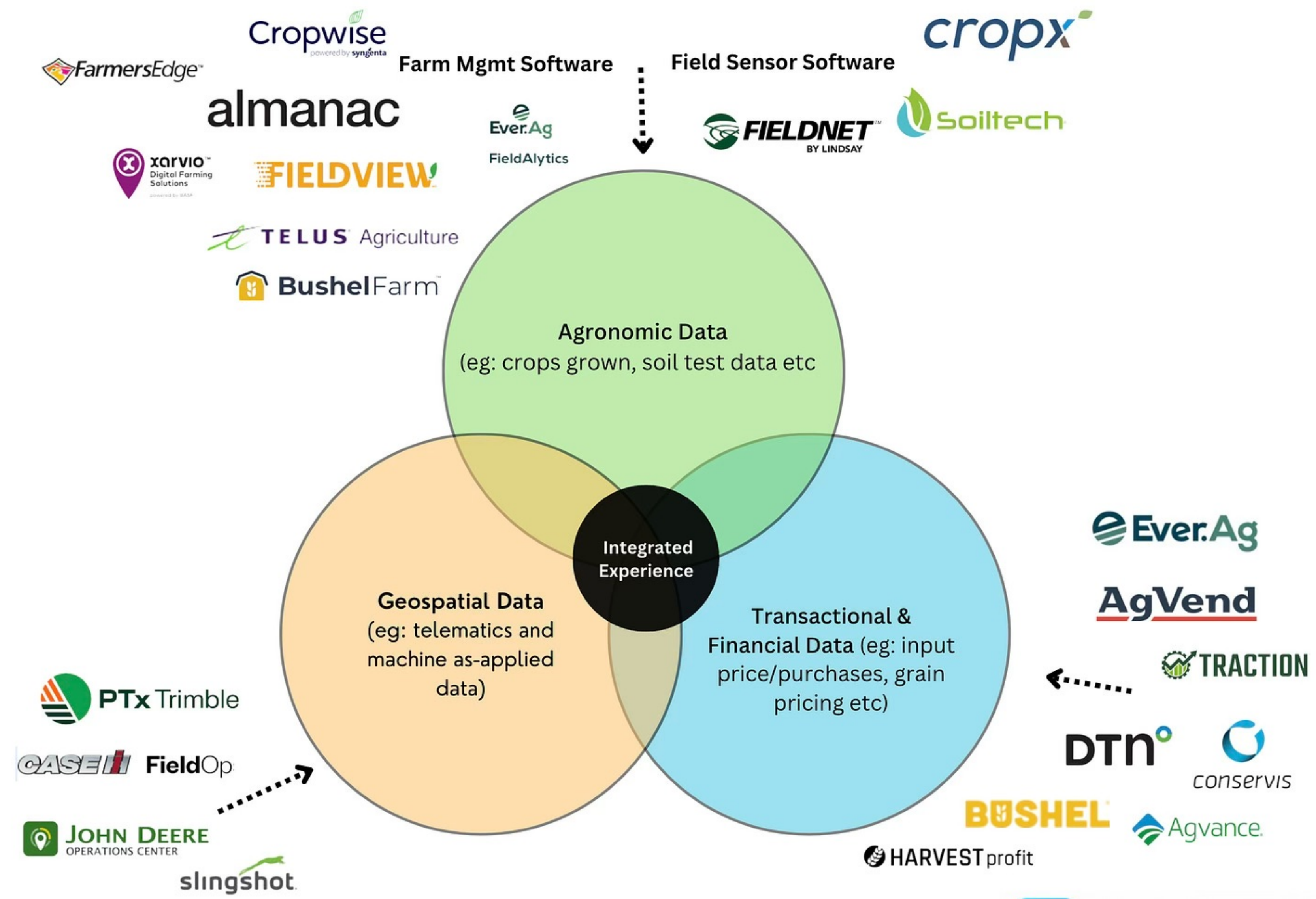
- Agricultura de Precision
- Software y Big Data
- Biotecnología y Edición Genica
- Inteligencia Artificial
- Biológicos
- Vertical Farming
- Proteinas Alternativas

Agricultura de Precision (GPS, IoT, Robots, Drones)

2024 CROP ROBOTICS LANDSCAPE



Software y Big Data

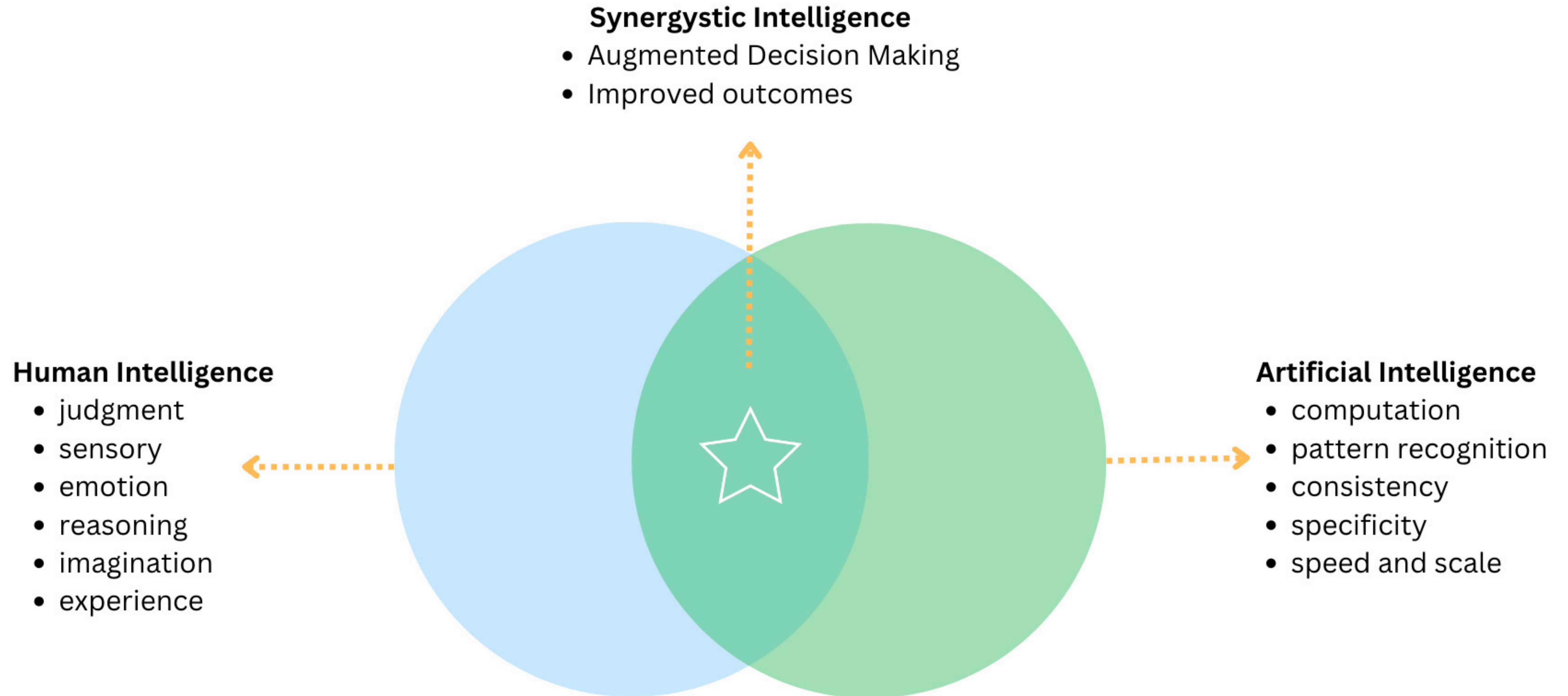


Biotechnología y Edición Genica

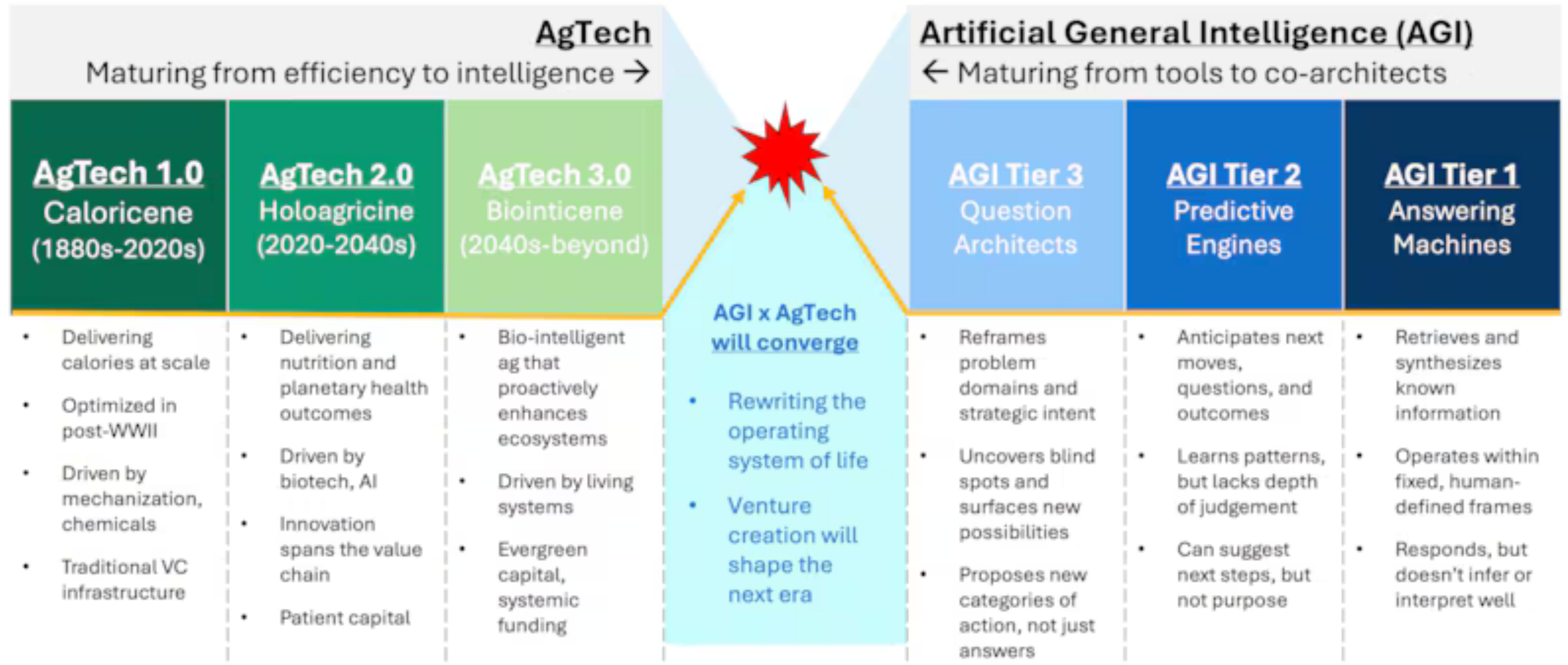
2024 BIOTECH TRAIT COMPARISON: THE BIG FOUR

COMPANY	TOTAL NUMBER OF TRAITS LICENSED	TRAIT LICENSE BY EVENT ID WITH MOST LICENSEES	TOTAL REGULATORY APPROVALS ('21-'23)	REGULATORY APPROVAL BY REGULATORY TYPE (PERCENTAGE)	TOTAL PERMITS GRANTED ('21-'23)	COUNTRIES WITH MOST PERMITS	R&D % OF REVENUE (WHOLE COMPANY REVENUE)	R&D EXPENDITURE (ENTIRE AG DIVISION SPEND, NOT ONLY SEED)
	15	Powercore® Enlist® (TC1507 x MON89034 x NK603 x DAS40278) (corn)	76	22% Cultivation 37% Feed 41% Food	474	1. Canada 2. United States 3. Brazil	8.1%	\$1.995 billion**
	12	Duracade® (5122) (5307 x MIR604 x Bt11 x TC1507 x GA21) (corn)	27	40% Cultivation 30% Feed 30% Food	161	1. USA 2. Brazil 3. South Africa	6.2%	\$1.4 billion
	27	Powercore® Enlist® (TC1507 x MON89034 x NK603 x DAS40278)(corn)	36	8% Cultivation 45% Feed 47% Food	209	1. USA 2. Canada 3. Brazil	7.8%	\$1.34 billion
	2	XtendFlex® soybean (MON87708 x MON89788 x A5547-127)	28	28% Cultivation 36% Feed 36% Food	191	1. Canada 2. Brazil 3. United States	9.2%	\$1.05 billion

Inteligencia Artificial, LLM



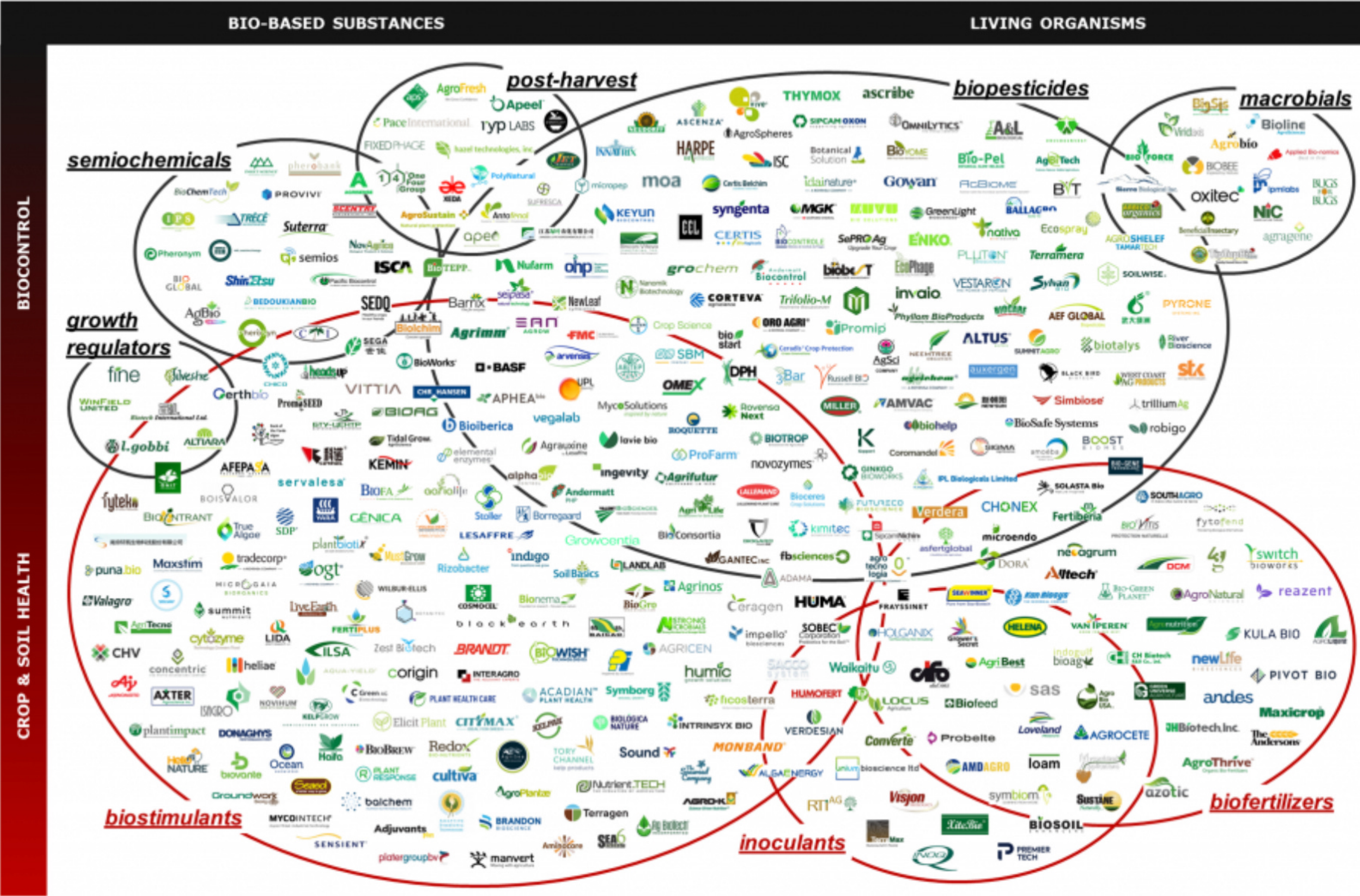
AgTech × AGI: The Convergence That Changes Everything



Biológicos

2023 AG BIOLOGICALS LANDSCAPE

The Mixing Bowl
CONNECTING INNOVATORS IN FOOD, AG & IT



Chris Taylor
chris@mixingbowlhub.com

www.MixingBowlhub.com
© Chris Taylor & THE MIXING BOWL

WESTERN GROWERS

Companies appear on the landscape only once, although some may offer products in multiple segments. Overlapping areas are meant to imply this, however, logo positions are not necessarily indicative of any specific or limited product offerings.

El drama del financiamiento de la Inovacion

Del 2021 a la fecha la inversion de VC en AgTech se ha reducido en un 70% y los compradores estratégicos no estancia en condiciones de comprar

