

# Find the right AI technology for your unique business needs

Melanie Cassley  
Innovate UK Business Connect

February 2025



Innovate  
UK

**BridgeAI**

# Agenda

10:00	Introduction and Overview, <i>Mel Cassley - IUK Business Connect</i>
10:05	AI Technologies for Operational and Energy Optimisation in Transportation, <i>Joseph Zubizarreta - Atera Analytics</i>
10:25	AI in Agriculture: Sustainability and Innovation, <i>Dr Chang Liu – Extend Robotics</i>
10:45	Technology Selection Challenges and Culture in the Creative Sector, <i>Lawrence Broadbent - Aralia</i>
11:05	Q&A
11:20	Closing Remarks & Next Steps
11:25	Close

# Overview

**What this webinar will give insight on how to:**

- **Select the right AI tools**
- **Overcome challenges**
- **Optimize operations**
- **Engage with experts**

**AI Labs – a more in-depth dive into onboarding AI in your business**

# Technologies for Operational and Energy Optimisation in Transportation

Joseph Zubizarreta - Atera Analytics





ATERA ANALYTICS

**BridgeAI Webinar: Aligning AI  
Technologies with Business  
Needs**

**AI Technologies for Operational  
and Energy Optimisation in  
Transportation**

DATE

**5 February 2025**

# Company Purpose

Our company is becoming a top innovator on the field of Planning Energy Infrastructure for Electric Vehicles and optimising the resources around this ecosystem. Our technology approach merging network planning, AI and energy planning capabilities have been awarded grants through Innovate UK and Private Companies Support. We got strong interest of further developing our data analytics capabilities from 3 different industry participants:

1. Multi-modal Transport Provider covering the entire UK transport network and EVs.
2. Strategic NetZero finance partner working with leading car rental and retailer companies.
3. Remotely Controlled and Semi Autonomous Electric Vehicles



Operator.  
Innovate BridgeAI



Atera Analytics

# Context - NetZero for the EV Charging Infrastructure



EV wide adoption in UK is constrained by power charging and navigation experience

## 30 Million EVs

In UK by 2030, 20x at least for rest of the world

## 80% in 2030

Of vehicles to be Free from Fossils Fuels Power Engine

## 35% Global Average

Annual increase on sales of EVs and infrastructure

## 85% of drivers

Find EVs charging and mileage as key constraints

## Unstructured Data

Real time sensor, user content is a challenge.



# Problem

Under the UK Zero Emissions Mandate there is an unprecedented growth of demand of ZEVs (Zero Emission Vehicles) and the infrastructure to provide them of electricity through charging points. At +20% annual growth rate of ZEVs registrations according to the Department of Transport, there are clear constraints to reach the 2035 goals of 100% of non carbon emission vehicles in UK.

*Currently the information about vehicle performance, reliability, location of charging points, carbon emissions reduction and driver trends is highly sparse preventing consumers and organisations to reach the vehicle adoption proposed by 2035 targets same for UK and Europe. Once this data is integrated, powerful AI models can be built for increasing efficiencies in energy consumption, RT route monitoring optimisation and EV planning infrastructure.*



## Aggressive Net Zero Targets

2035 goals of 100% of non carbon emission vehicles in UK and leading countries in Mainland Europe.



## IMPACT ON BUSINESSES

Automaker industry spends billions of dollars each customising and improving net Zero Vehicles Technology and Data.



## IMPACT ON CONSUMERS

Vehicle consumers need further education and advice towards which is the right vehicle to rent or purchase. 70% of consumers are unaware of long term savings and benefits these vehicles represent.





# Approach

Combine advanced AI & APIs for dynamic data modelling, transfer and interoperability.



Gen AI

+

Machine Learning

- **Focused** on providing explainable insights on netZero energy usage and navigation.



Application Programming Interface

- The Interface is designed to **facilitate integration with client data.**

The Key reasons for selecting these technologies:

- AI allow us to evaluate the data quality and predict issues.
- APIs facilitate the standardisation of different data sources.



Enabling a full EV connected ecosystem



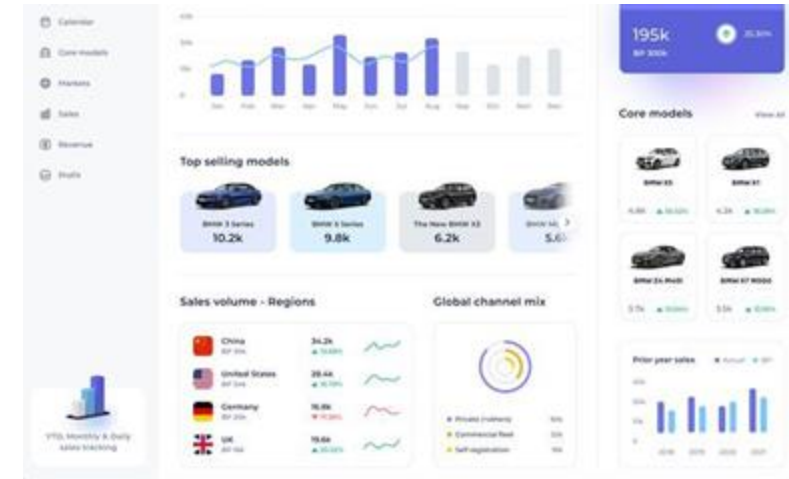
# Business Use Case A – EV Planning & Infrastructure

Our Solution AteraEV is focused on Developing an End to End Real Time Software Application. T

- ❑ Solution focused on EV Route Planning and Infrastructure development.
- ❑ We have integrated the AI, API and Network Optimisation Platform.



Current Solution on EV Route Planning and Infrastructure



Sensing Equipment For Data Collection equipment for EV performance and Geo Data

Front End Showing Benchmarking of EVs wrt to Routes and Overall Cost of Operation

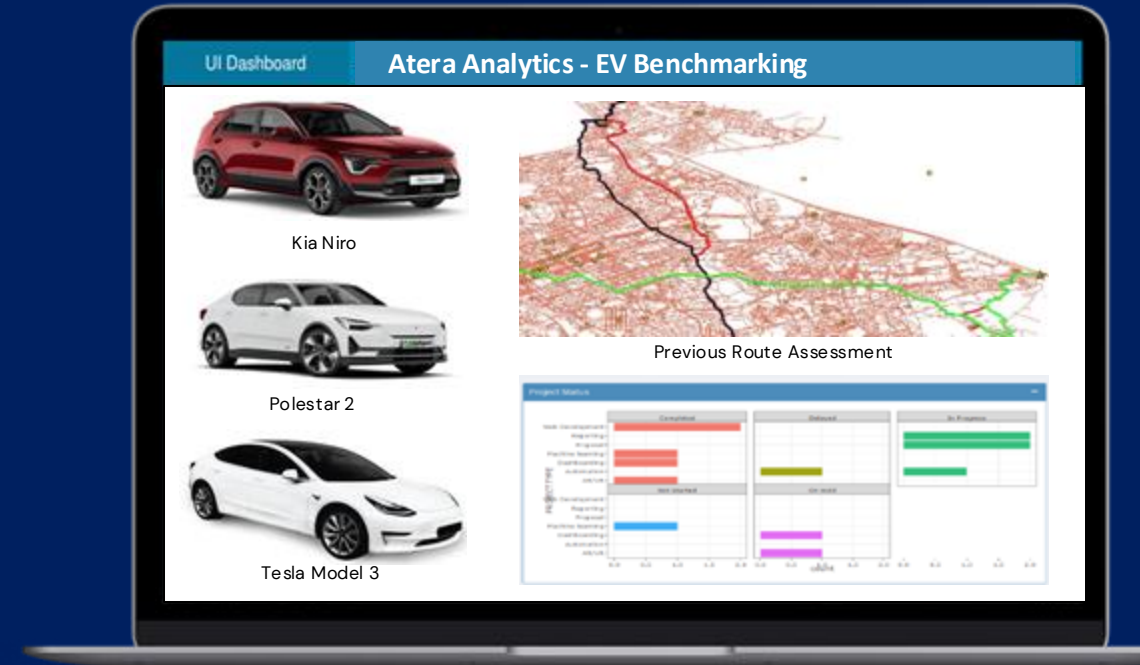
Kia Niro EV with Several Sensors previously, used for autonomous driving to be setup with all tools

# Business Use Case B – EVs Benchmarking

Under the UK Zero Emissions Mandate there is an unprecedented growth of demand of EVs and the infrastructure to provide them of electricity through charging points.

- ❑ Optimised Energy Efficiency – Analyse real-time data from the EVs to improve battery performance, energy efficiency, and route optimisation, reducing unnecessary power consumption.
- ❑ Enhanced Range Prediction – Provide more accurate estimations of driving range based on real-time conditions such as temperature, driving behavior, and terrain, reducing range anxiety for EV users.
- ❑ Competitive Market Insights – Our benchmarking enables consumers to compare EV models, get budget implications on battery technology, energy management, and vehicle design

## Delivery



Atera Analytics platform contrasting the performance of different vehicles for fleet enablement and energy benchmarking.

## Results

This solution effectively contrasts the performance of different EV vehicles based on the proprietary data. This is based on the platform and sensors presented in the EV Platform slide.

# Business Use Case C – Real Time Monitoring of Road Infrastructure

Through continuous data streaming capabilities we have enabled technology to monitor in Real Time road, mines and complex infrastructure to identify critical scenarios and reduce the impact of unforeseen circumstances and condition monitoring.

Through the usage of different algorithms with Deep Learning and distributed systems, we have the tools tools:

- ❑ Reduce the risk of significant traffic jams
- ❑ Forecast the short term state of critical infrastructure such as roads, train lines and motorways.
- ❑ Identify in real time the count of vehicles by class, non-motorised transport and pedestrians at any available observation point.
- ❑ Redirect traffic and main flows across alternative routes with long term planning.

## Delivery



Examples of real time monitoring of infrastructure already applied in previous industrial engagements, applied on roads condition monitoring and vehicles identification.

## Results

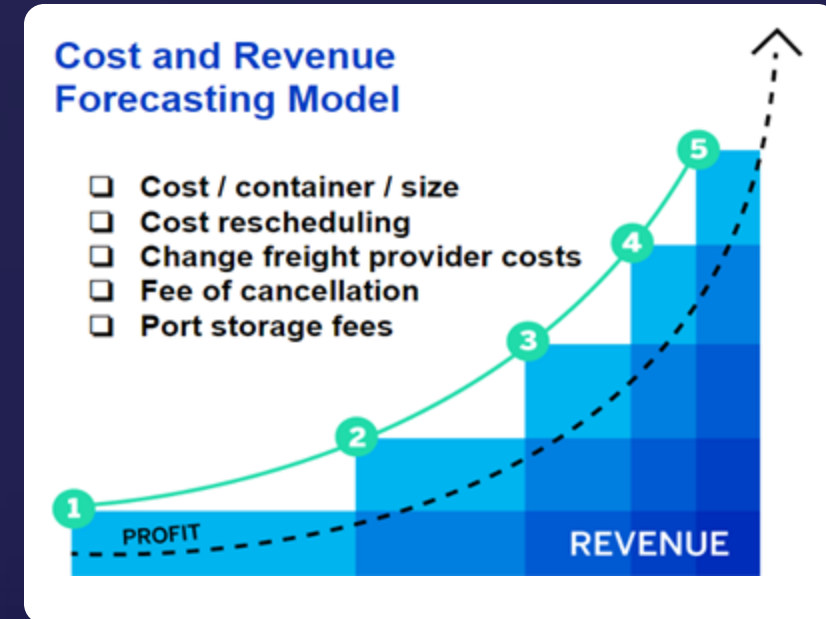
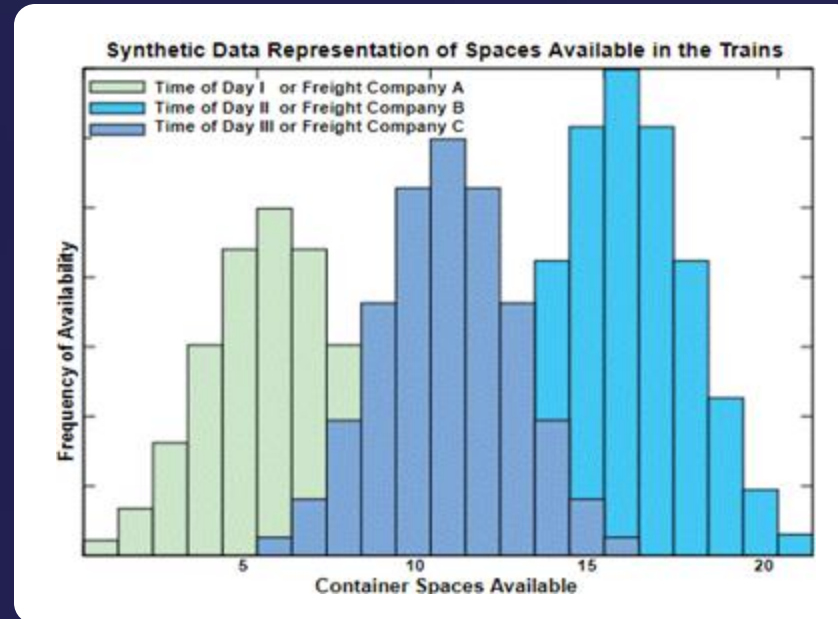
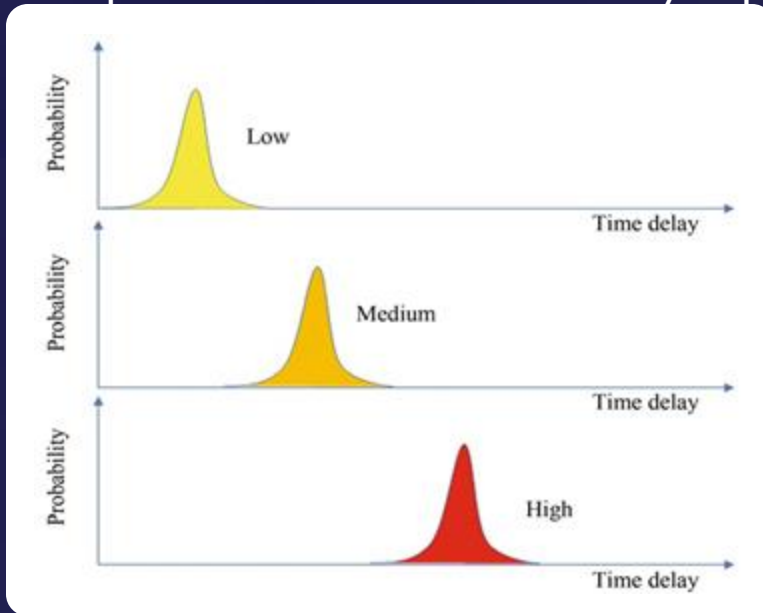
Real time monitoring of highway and relevant intersections, counting the number of active vehicles in transit, pedestrians and non motorised transport. Reduce false positives of object detection by 96% and reduce the impact of congestion by 38%.



# Business Use Case D – Multimodal Transport Pricing & Rescheduling

Multimodal transport organisation in the UK implemented an adaptive AI platform.

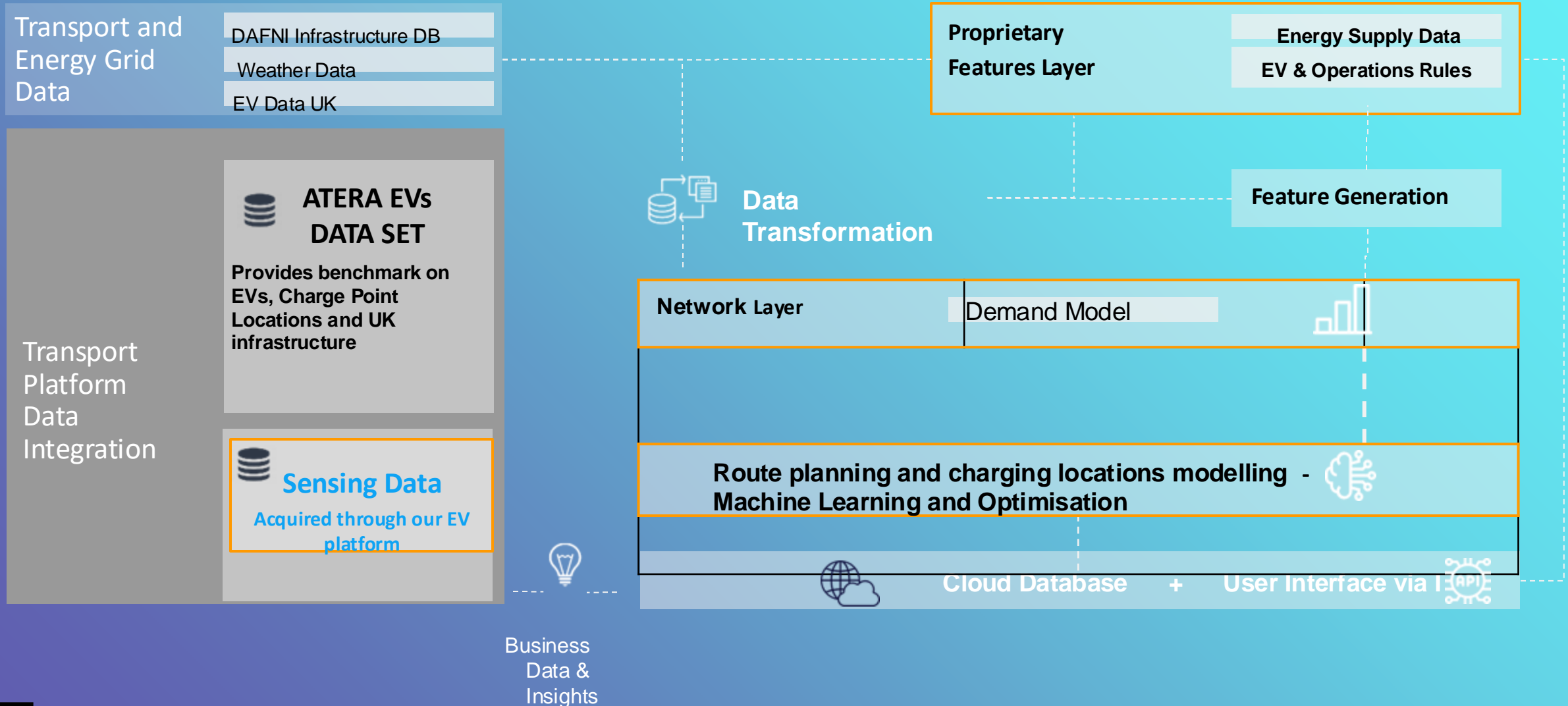
- ❑ Focused on integrating data representing operations from large freight vessels, ports, train operators and last mile delivery fleets.
- ❑ Integrated the data with an adaptive AI platform using probability estimations of vessel arrival time, cross correlate with weather and seasonality patterns and forecast the availability of spaces at train level.



## Results

Price optimisation leading to better revenue and profit forecasting, this based on customer preferences, and set windows of delivery.

# Simplified Architecture EV Planning and Benchmarking



# Q&A + Call to Action



Let's transform together the EV and Transport Ecosystem with Data & AI!

## Support

We are keen to get your support and advice for commercialisation of AI solutions in Transport and Energy.

## Investment

We are looking for funding to hire additional team members, and scale up our tools.

## Contact us

[joseph.zr@atera-analytics.co.uk](mailto:joseph.zr@atera-analytics.co.uk)  
[admin@atera-analytics.co.uk](mailto:admin@atera-analytics.co.uk)



[www.atera-analytics.co.uk](http://www.atera-analytics.co.uk)





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## Appendix





# Net Zero Guidelines

*Use common terms within Data Assets, Metadata and supporting information.*

We have built several Data Dictionaries to speak under the same terms.

*Enable potential Data Users to understand Data Assets by providing supporting information.*

Set up the relevant content and documentation according to data analysts and engineers.

*Describe data accurately using industry standard Metadata.*

Followed methodologies and terms from the IEEE and UK Energy guidelines.

*Treat all Data Assets, their associated Metadata and Scripts used to process Data Assets as Open.*

Worked with Open guidelines on metadata and software development.

## NZ Data Users



*Identify the roles of stakeholders of Data Assets.*

We have identified our present stakeholders as ZEVs rental services, energy planners and their IT managers.



*Learn and deliver to the needs of current and prospective Data Users*

Structured project's requirements based on user stories.



*APIs – Make Data Assets discoverable for potential Data Users.*

Fully Documented API and guidelines for different users to come.

Source: <https://www.ukri.org/publications/innovate-uk-net-zero-living-data-guidance/>





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**Thank You**

DATE

**February 2025**

# AI in Agriculture: Sustainability and Innovation

Chang Liu, Extend Robotics



# AI in Agriculture: Sustainability and Innovation

Dr Chang Liu | CEO & Chief Designer of Extend Robotics

Examining the role of collaboration and innovation in advancing the application of cutting-edge technologies across the agricultural landscape





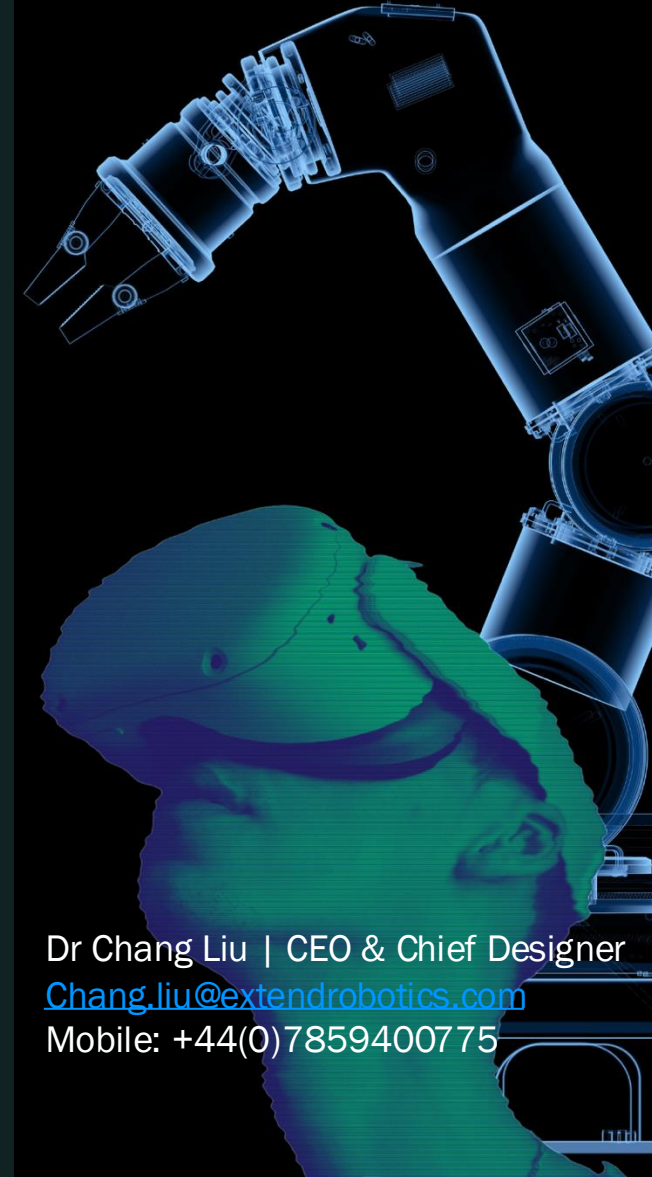
[2024 Intro Video Link](#)

# Extend Human Capabilities Beyond Physical Presence

A Robotics Software Solution Amplify the World's Labour  
Productivity, through Immersive Tech, Robotics and Artificial Intelligence.



Dr Chang Liu | CEO & Chief Designer  
[Chang.liu@extendrobotics.com](mailto:Chang.liu@extendrobotics.com)  
Mobile: +44(0)7859400775



# History of Milestones



Imperial College London

ORCA H.L.F.

INKONOVA


**CHANG**  
Director CEO / Chief Designer

Originated from Imperial College London



The Economist

INNOVATION: PROGRESS IS US



BBC DRAGONS' DEN



Solution certified by UR+



UNIVERSAL ROBOTS+ Certified



Imperial College London

2019

2020

2021

2022

2023



NATIONAL CENTRE FOR NUCLEAR RESEARCH ŚWIERK

HELECLOUD



TATA

aws

Shell

Bloomberg

UKRI Innovate UK

Industrial Strategy Challenge (respond to Global Disruption)



Pre-Seed Closed

Britbots.

VOJEXT



Oculus/Met a AppLab Launch



Major Revenue generated from a series of customers



rac automation

Major distributor partnership

AIRBUS

# Physical Presence Has Limits

Different from Factory Automation (such as automotive assembly robot arms), Real-world tasks are highly variable, multi-purpose, in dynamic and unpredictable environment. Making traditional automation impractical.

Embodied generative AI is an opportunity to enable human-like intelligence for robotics, capable of working in real-world.

## Factory Automation

- Repetitive tasks
- Single purpose
- Static environment
- Controlled scenarios

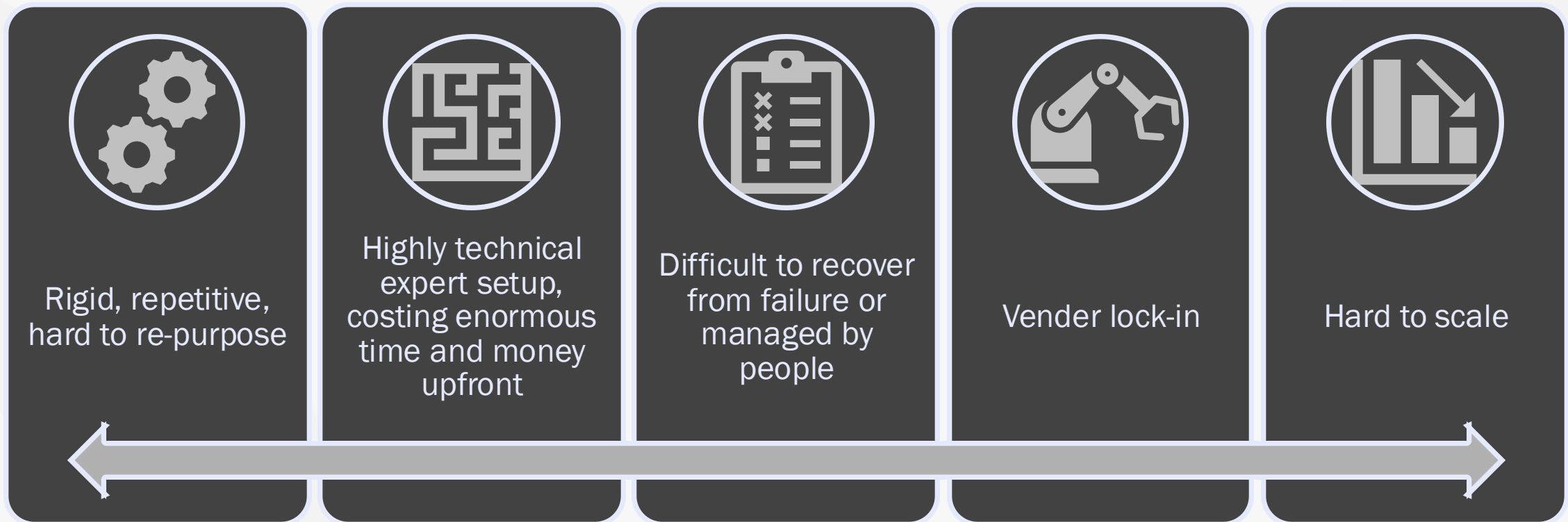


## Real-world Automation

- Variable tasks
- Multiple purpose
- Dynamic environment
- Unpredictable scenarios



# Today's Factory Automation Cannot Keep up with Rapid Labour Shortage





# The worldwide manufacturing ecosystem is facing the challenges of workforce shortage

It is estimated that the current trends may result in **2.4 million manufacturing jobs unfilled by 2028** [32].

While closing the global skills gap could add **US\$ 11.5 trillion to global GDP by 2028** [33].

## Due to:

- 1) Aging workforce,
- 2) Outdated workforce planning and education,
- 3) Poor perception of manufacturing among the young generation, and
- 4) Changing nature of work in hard to access and harsh environment [31].

[31] I. Nääs et al., Advances in Production Management Systems. Initiatives for a Sustainable World: IFIP WG 5.7 International Conference, APMS 2016, Iguassu Falls, Brazil, September 3-7, 2016, Revised Selected Papers, vol. 488. Springer, 2017.

[32] G. Li, C. Yuan, S. Kamarthi, M. Moghaddam, and X. Jin, "Data science skills and domain knowledge requirements in the manufacturing industry: A gap analysis," J. Manuf. Syst., vol. 60, no. April, pp. 692–706, 2021, doi: 10.1016/j.jmsy.2021.07.007.

[33] World Economic Forum, "The Future of Jobs Report 2020 OCTOBER 2020," World Econ. Forum, no. October, p. 163, 2020, [Online]. Available: [https://www.weforum.org/reports/the-future-of-jobs-report-2020?fbclid=IwAR3FXdpArwyKl\\_VPpJ7TIf2juGfXw7LsYNi5NOU\\_YbzA9uelIVUUncNtlQ#report-nav](https://www.weforum.org/reports/the-future-of-jobs-report-2020?fbclid=IwAR3FXdpArwyKl_VPpJ7TIf2juGfXw7LsYNi5NOU_YbzA9uelIVUUncNtlQ#report-nav).

# AMAS: An Intuitive VR App to Operate Robots for Live Control, or Supervise & Train AI

## Accessible to All

Extended Reality (VR/AR/MR) based; gamified application accessible to everyone regardless of skill

## World Class Tech

World's Leading 3D Graphic & Streaming Engine (4 Granted Patents: GB2600527)  
Dexterous **Gesture** Interactions with digital twin

## Affordable Standard

Consumer Extended Reality Equipment standard network (WiFi, 5G) Standardised  
Wide range of 3<sup>rd</sup>-party Commercial Robots

## AI & Data Collection

Collect user demonstration data, structured synchronised multi-modal  
Directly from the same robot for inferencing

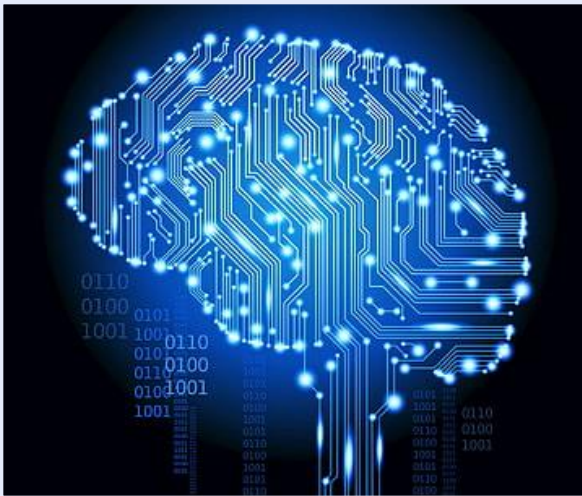


# Who is Extend Robotics

[Click video here](#)



# How will it work?



## Deploy with Foundation AI

Pre-trained AI with Real World Knowledge



## Teach and Supervise

Fine-tuning for User Defined Task and Remote Supervision



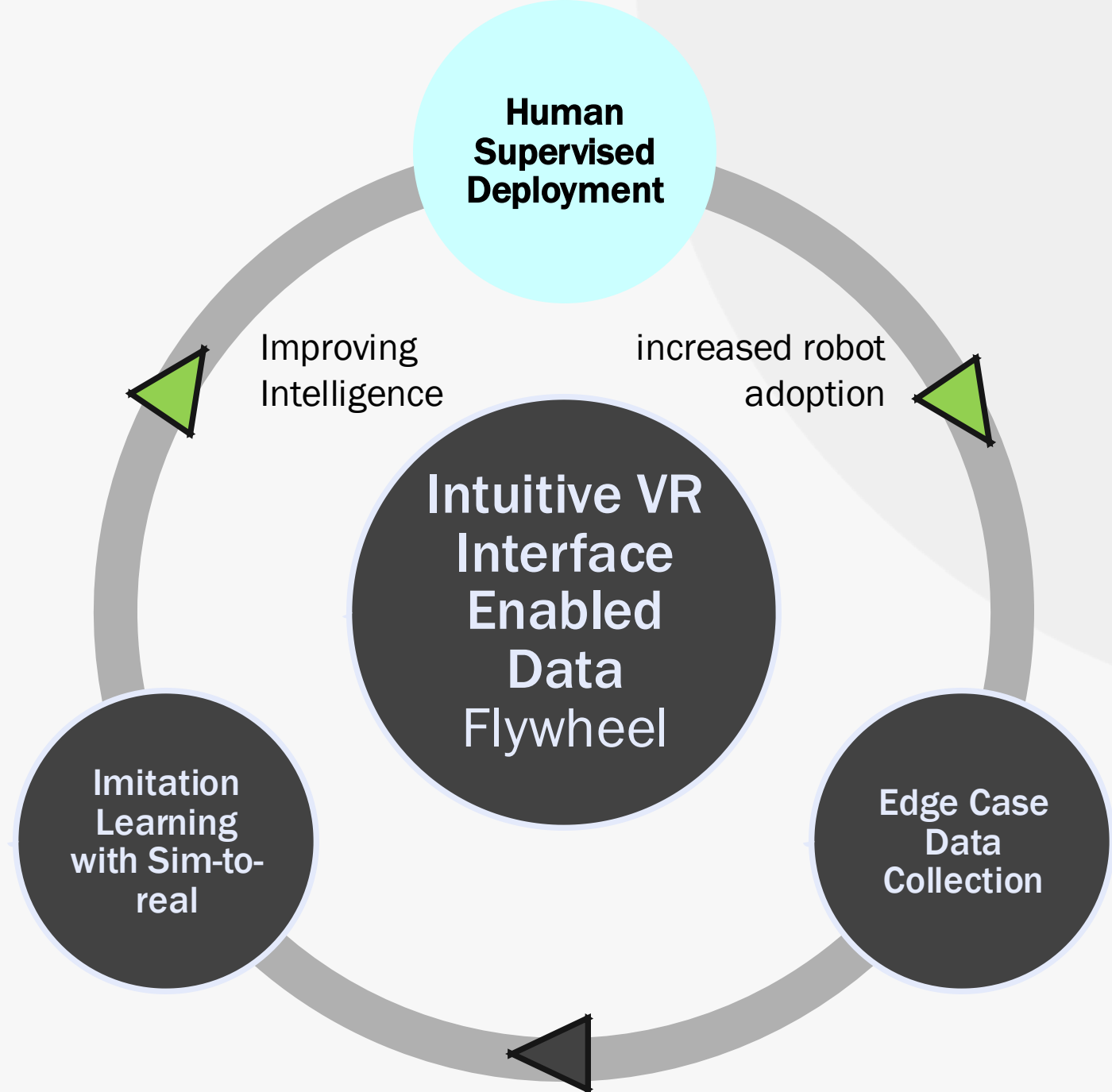
## Improve Foundation AI

Continuously Improve by Removing Edge Cases

# Intuitive VR Interface Enabled Data Flywheel

VR Interface will unlock:

- Human Supervised Deployment of Robot in real world in day 1
- Continuous edge case data collection even after deployment of robot in the field
- Continuous improvement with imitation learning and augment synthetic data from Sim-to-real transfer



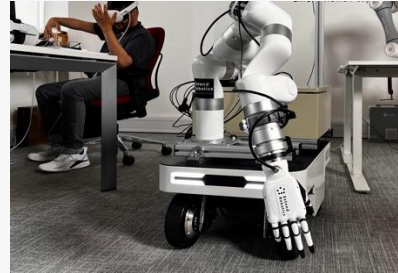
# Extend Robotics Capabilities Overview

Human-Robot Interface Combines Real-time Volumetric Telepresence with Interactive Digital Twin



## 3D Volumetric Telepresence

- Renders the remote workspace in 3D, with Audio
- Depth Perception for Teleoperation
- Flexible Viewing Angle
- Low latency & Low bandwidth
- Fusion of multiple cameras
- Bidirectional Audio
- Adjustable scale



## Interactive Digital Twin

- Provides user gesture input to control any robots
- Support of 3rd party robots (ROS)
- Intuitive Gesture 20+ DoF Inputs
- Head, hand, finger, shoulder, elbow tracking & mapping to corresponding robots
- Support Force / Haptic Feedback
- Passthrough Mixed Reality
- Adjustable Scale



## Automation Co-Pilot

- Automate any task remotely on-demand dynamically
- Compatible with 3rd Party Automation (ROS)
- Motion playback with snapshots and recording
- Advanced generative AI models (Action Chunking transformers, diffusion policy)
- Remote Supervision and Intervention



## Fleet Management

- Monitor and Manage Multiple Robots remotely.
- Dynamically load and configure multiple robots and sensors
- Multiple digital twins and 3D sensor rendering in one interface
- Intervene and switch control between robots at any time in virtual environment
- Fleet robot tasks with synchronized movement automation



## Cloud Infra & Data Management

- Easily access, store and utilize data from robot at high fidelity.
- Cloud Connectivity for real-time streaming
- Security and authentication of data
- Structured multi-modal Data Collection for AI Training
- Capture joints, RGB, Depth, audio, haptic information with 1 click

# Vertical-specific Partnership Awarded: Viticulture

## Grape Harvesting and Pruning- £1M collaborative project for 3 year

Video LINK



The project involves a collaboration between Extend Robotics (ER), Queen Mary University of London (QMUL) and a UK vineyard, Saffron Grange (SG).

- Reduce reliance on seasonal labour (offshore global labour)
- Reduce input and labour costs (24-7)
- Increase yields.
- Reduce emissions and environmental impact.
- Improve overall crop quality.

# Extend Robotics Vineyard Trial

[Click video here](#)





# High Variability Tasks, Struggling with Human Labour

## Hazardous Environments

Liberate humans from dangerous tasks

- Reduce 'costly' injuries in workspace
- Reduce operation cost (facility downtime, PPE, Access) 10x



AtkinsRéalis

**Nuclear**  
Hazardous Material  
Handling



AIRBUS

**Space**  
Infrastructure Service &  
Maintenance, and Exploration

## Labour Productivity

Outsource Global Labour and AI

- Offsite decentralized outsource labour, 24/7 global shift
- Accelerate adoption of robotics & AI in high variability tasks 10x



Addwerk

**Manufacturing**  
Tending Industrial 3D Printing  
Parts (small patch orders)



SAFFRON GRANGE  
ENGLISH SPARKLING WINE

**Agriculture**  
Viticulture Grape Picking  
and Pruning



# Extend Robotics Human-in- the-loop Embodied AI



Adaptable and flexible with Intelligent AI



Easy to setup and train with intuitive interface



Max reliability and transparency with human in the loop

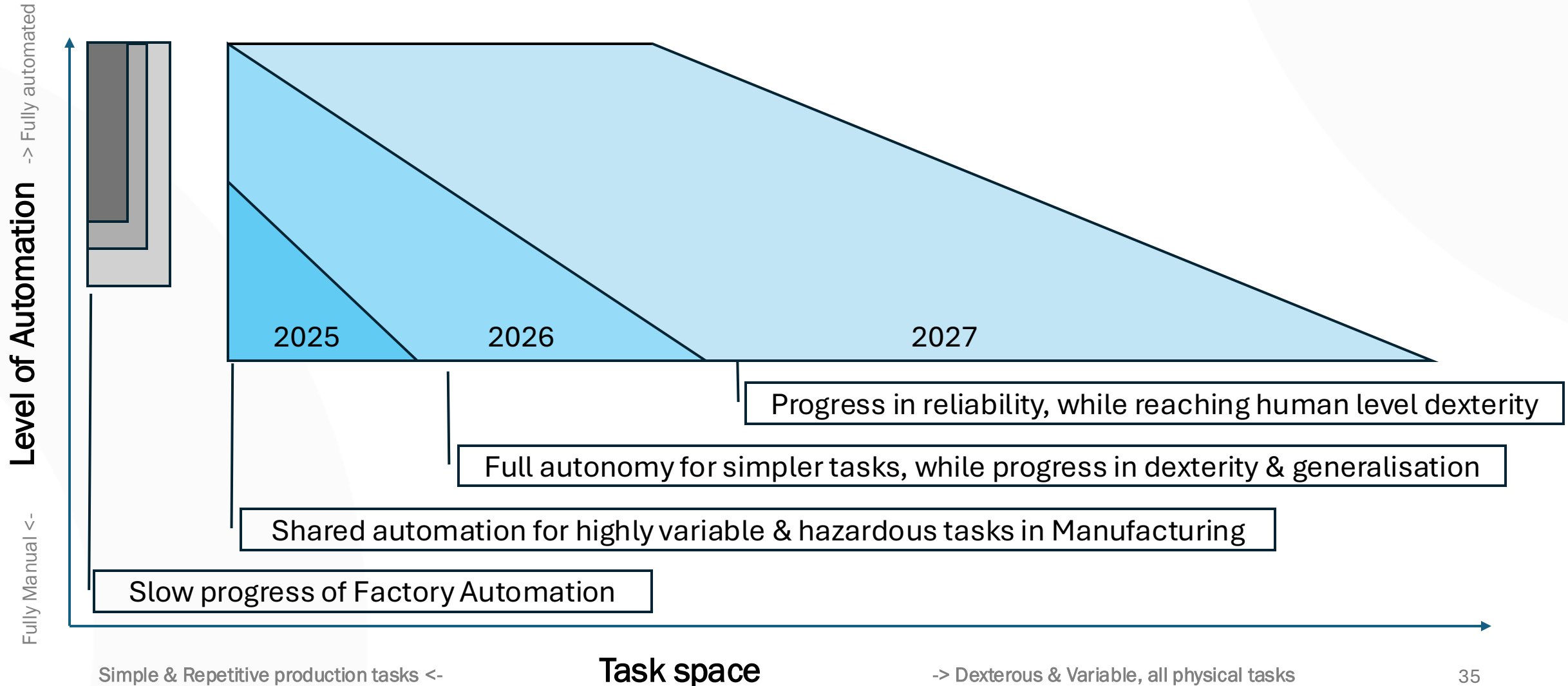


Mobility and dexterity with hardware agnostic solutions, without vendor lock in



Ready to scale with fleet monitoring and management

# Productivity Progress of Extend Robotic AI



# How we Help with Your Automation Challenges

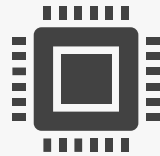


## Feasibility evaluation

In-house prototype use case validation

Robotic capability evaluation

3-6 weeks



## Simulation PoC

Nvidia Issac Lab building realistic scenario

Data collection, training and inferencing in simulation

1-3 months



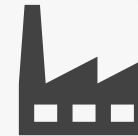
## Robot PoV deployment

Hardware full solution integration

AI Model fine tuning from physical robot

KPI and ROI validation in real operating environment

3-12 months



## Scale-up deployment

Solution & supply chain optimisation for scaled production

Use case process automation

Commercial Partnership

6-24 months

Talk to us about your  
automation challenges,  
research interest, and  
investment



**Extend  
Robotics**

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Mobile: +44(0)7859400775



# Improve operational Cost Efficiency and Safety in Electric Car Production and Recycling

HIGH VARIABILITY ASSEMBLY TASKS

SPRAY PAINTING FOR VEHICLE CHASSIS

IMPROVE REPURPOSING, RECYCLING AND SECOND LIFE OF EV COMPONENTS, SUCH AS BATTERIES

Video LINK

**PACCAR**

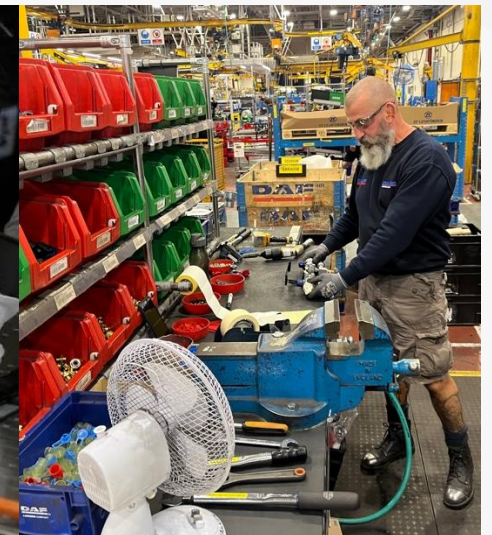
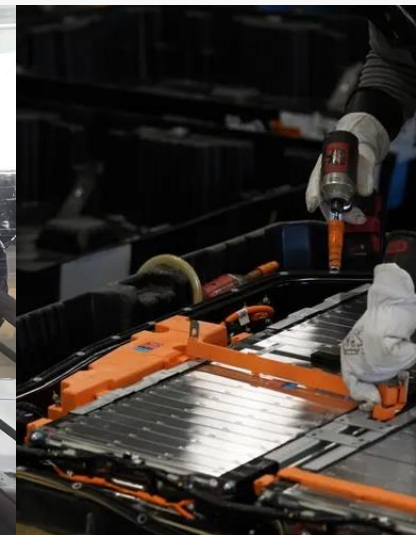
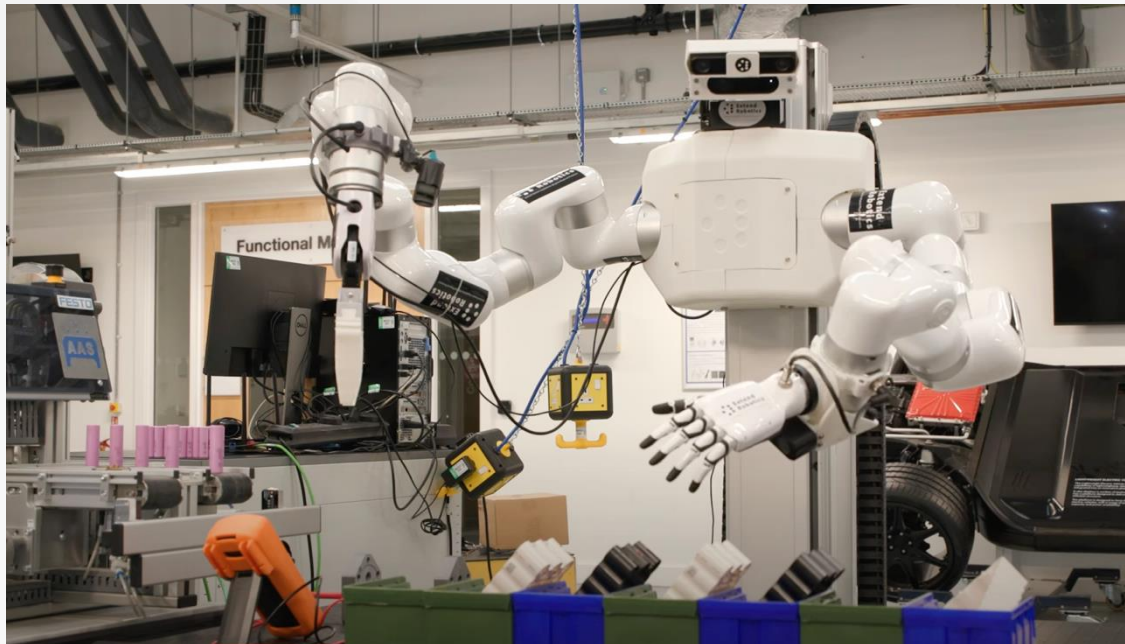


**LEYLAND TRUCKS**  
A PACCAR COMPANY

**UNIPART**  
GROUP

Coventry  
University

**CATAPULT**  
Connected Places



# Vertical-specific Sales & Partnership: Nuclear

Gloveboxes for nuclear material handling ([video demo](#))

**ATKINS**

Member of the SNC-Lavalin Group

**TKE**  
Established in 1965

 **Sellafield Ltd**



- **Problem:** handling hazardous material within a glovebox can be inefficient and carries many risks.
- **Solution:** The solution to the glovebox challenge requires integration of robotics and AI. Manipulators, graspers or other end effectors, and specialised platforms that can fit through a glove port can be controlled remotely via VR, or AR.
- Savings, Increased safety of operations, Accelerated deployment time etc.
- [Link](#) to more project details
- **Scenario details:**
  - Nuclear decommissioning is an inevitable by-product of the rise of nuclear energy: estimated to be worth £50 billion per annum by 2020. In the UK alone, mostly at Sellafield, the total cost is estimated at £60 billion, among which 20% will be spent on RAS technology (by National Nuclear Laboratory). Estimated £132 billion budget to decommission UK nuclear site for the next 120 years.
  - Mostly in glovebox but also including inside decommissioning facilities.
  - Mostly cutting, pick & place tasks

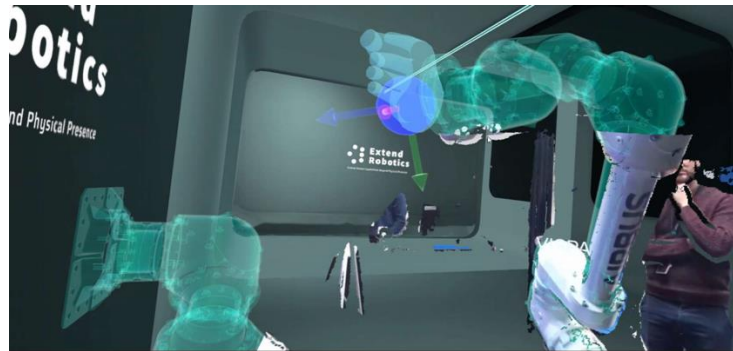


# Vertical-specific Sales and Partnership: Space

## In-Orbit Servicing and Manufacturing ([video demo](#))



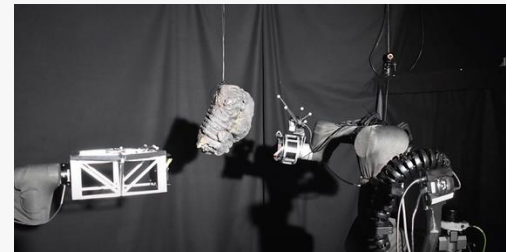
**AIRBUS** 



Immersive teleoperation interface to complement limitations of existing automation solution, we can

- Avoid the cost of manned missions
- Safer and faster, allowing astronauts to perform complex handling task in craft
- Subject matter experts from earth to perform assembly and servicing in space

**CATAPULT**  
Satellite Applications  
**UK SPACE AGENCY**  
 **UNIVERSITY OF SURREY**





# Technology Selection Challenges and Culture in the Creative Sector

Lawrence Broadbent, Aralia



Innovate  
UK

BridgeAI

Bridge AI



# Technology Selection Challenges and Solutions

A Creative Sector Focus

Laurence Broadbent - Aralia Systems Limited

February 2025

[www.araliasystems.com](http://www.araliasystems.com)

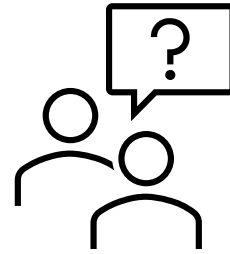


**BridgeAI**

## About us

Aralia is a technology SME based in the UK and the USA.

Founded in 1997, we create products that incorporate automated image interpretation



## Who are we?

We are engineers who provide solutions for image processing tasks.

Aralia is focused on the provision of tools that convert 2D images into accurate 3D reconstructions.

We use new techniques in AI to make our products affordable and accessible to SMEs.



## Scope

AI has a broad range of applications within the Creative Industries

We discuss ways that creators can establish a competitive advantage with AI

## Presentation Content

- Creative Industries
- AI techniques
- Retaining Creativity
- Quality Metrics
- Summary

## The Creative Industries

The creative industries focus on innovative, artistic, and intellectual property-driven activities.

They span design, media, entertainment, advertising, publishing, heritage, architecture and technology.

From music to museums, creative industries span diverse fields powered by imagination and innovation.

They are at the forefront in applying AI to support creative processes such as the production of graphics, augmented reality and the recording and presentation of heritage information.

## AI Techniques

The complexity of strategies to capture the process from the training data has increased in step with reduced computational costs

- DNN                      Deep Neural Networks
- GAN                      Generative Adversarial Networks
- Diffusion              Diffusion Models
- TNN                      Transformer Neural Networks

## Current Suppliers

The large investments required to create and operate AI has resulted in the consolidation of service providers

Popular process models for various applications  
December 2024:

- DNN (NVidia) Neuralangelo
- Diffusion (Open AI) DALL E 3
- TNN/Diffusion (Open AI) SORA
- TNN (Open AI) Chat GPT 4

## AI Techniques



### **Transformers:**

Used for text, images, music, and video.

#### **Examples:**

- GPT-4 (text)
- MusicGen (music)
- VideoPoet (video).

**Diffusion Models:** Generate high-quality images and videos by iteratively refining noise.

#### **Examples:**

- DALL·E 3 (image)
- Stable Diffusion (image)
- Sora (video).



## Generative AI



**GANs (Generative Adversarial Networks):**  
Used for image and video synthesis.

**Examples:**

- StyleGAN (image)
- MoCoGAN-HD (video).

## The risks of AI adoption

“To be a joint author, one must make a copyrightable contribution.” [59]

“A person who merely describes to an author what the commissioned work should do or look like is not a joint author for purposes of the Copyright Act.” [60]



Contents

- Copyright and AI: Consultation
- Ministerial Foreword
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- B. Copyright and Artificial Intelligence
- C. Our proposed approach
- D. AI outputs

 Print this page

### Copyright and AI: Consultation

Presented to Parliament by the Secretary of State for Science, Innovation and Technology by Command of His Majesty

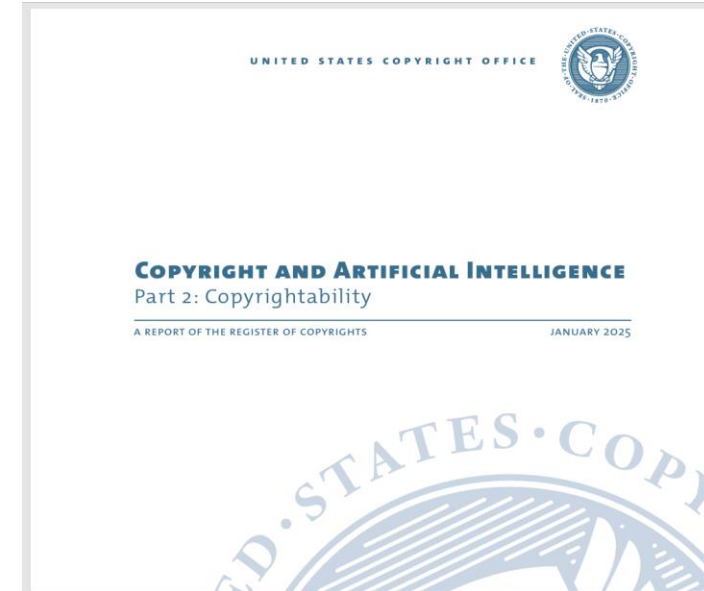
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[Copyright and Artificial Intelligence, Part 2 Copyrightability Report](https://www.gov.uk/government/consultations/copyright-and-artificial-intelligence/copyright-and-artificial-intelligence)

<https://www.gov.uk/government/consultations/copyright-and-artificial-intelligence/copyright-and-artificial-intelligence>



## Copyright

Improve the functioning of the internal market and promote the uptake of human-centric and trustworthy artificial intelligence (AI).

EU AI Act



# EU AI Act

Proposal for a  
Regulation of the European Parliament and of  
the Council Laying Down Harmonised Rules on  
Artificial Intelligence (Artificial Intelligence Act)  
and Amending Certain Union Legislative Acts

2021/0106 (COD)

European  
Commission

<https://artificialintelligenceact.eu/high-level-summary/>  
<https://ial.uk.com/important-copyright-originality/>

Copyright applies “only in relation to a subject-matter which is original in the sense that it is its author’s own intellectual creation”  
UK Court of Appeal

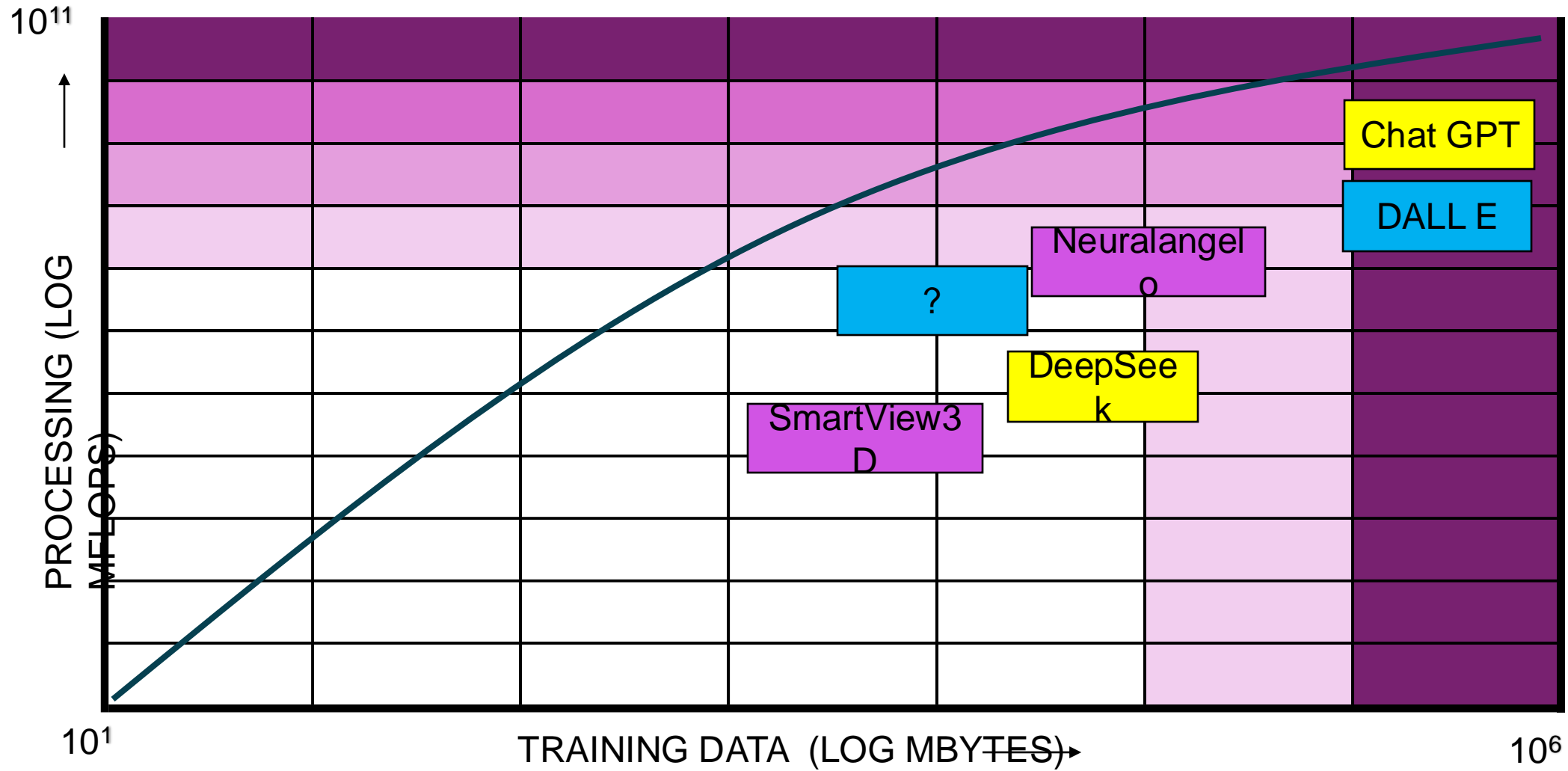


## Retaining Creativity

“The appeal [of Wallace and Gromit] is seeing the artist behind the work” –Nick Park

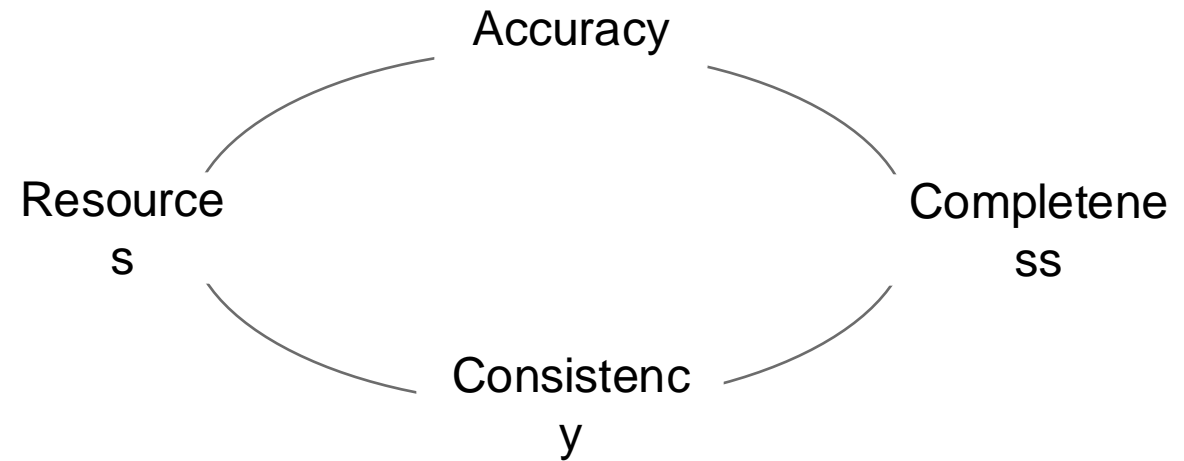
- AI should assist the creative process
- Prioritise human intent and artistic vision
- Human refinement ensures uniqueness and originality
- Utilise AI for rapid experimentation
- Infuse personal style and imperfections

### Processing vs Training Data



## Quality Metrics

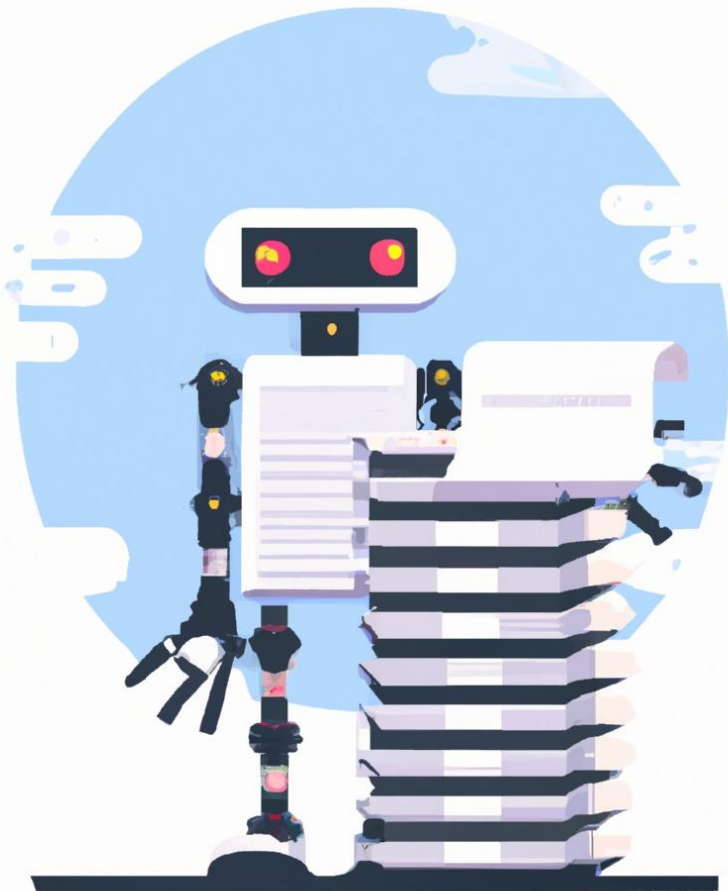
User metrics add value to the model generated and help to secure copyright.



None of the popular AI products generate quality metrics for users.

In some applications, holding these metrics separate from published data greatly reduces the value of the data than can be scraped from internet sites and is a mechanism for retaining copyright.

## Data-Driven AI



### **Capture of Creative Expressions**

AI-driven photogrammetry is used to capture complex expressions of creativity.

### **Integration with Media Production**

These reconstructions are then integrated into traditional media production.

### **Quality Metrics**

Each reconstructed model comes with an associated quality metric at every point

***Copyright is retained by the artist***

## Elata

Aralia's 3D scanning  
smartphone  
attachment

Low-cost attachments  
extend the utility of  
smartphones.





## Summary

Creative Industries are set to have greater flexibility for Business Models that embrace AI

- AI Tools for the creative industries are set to fall in price
- There will be more suppliers offering greater choice
- The cost of AI hardware for targeted markets will no longer be beyond the resources of SMEs.
- The industry is beginning to pay attention to AI quality and efficiency
- Copyright is a highly contested subject in AI

Thank you.



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# Q&A Session



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# Wrap-up & Close

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