

HSRC

RESEARCH CONFERENCE
NEXT GENERATION INSIGHTS ON
INTRACTABLE NATIONAL AND
GLOBAL CHALLENGES

18TH - 20TH SEPTEMBER 2023



Africa's AI Future: Inequality or Opportunity?

Presented by: Krish Chetty
HSRC, Equitable Education and Economies



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



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TIME

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IDEAS • TECHNOLOGY

How the AI Revolution Will Reshape the World



We are still underestimating how widespread and revolutionary the changes from AI will truly be [Getty Images/Yuichiro Chino](#)

BY **MUSTAFA SULEYMAN**

SEPTEMBER 1, 2023 7:05 AM EDT

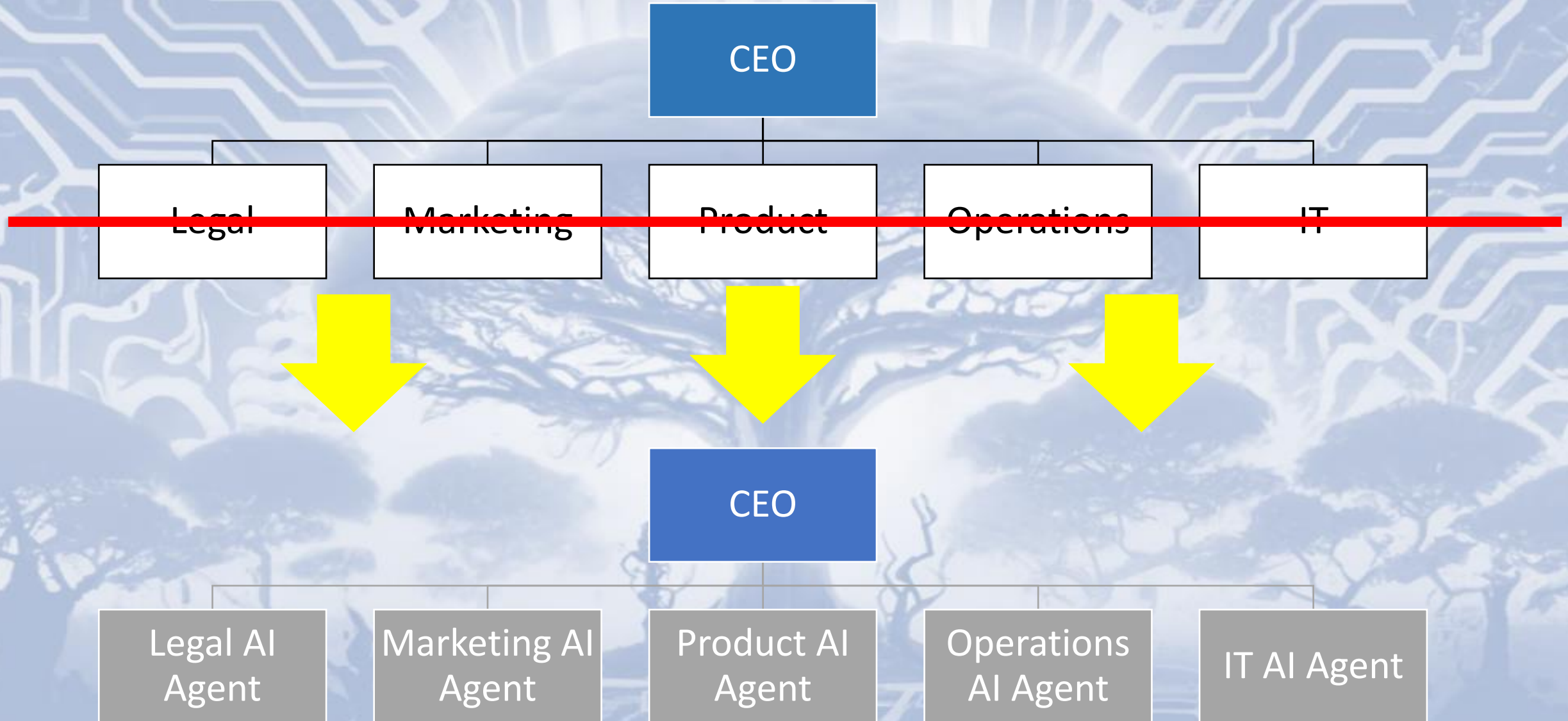
IDEAS

Suleyman is the co-founder and CEO of Inflection AI, in 2010 he co-founded DeepMind, which was acquired by Google, and is the author of the upcoming book *The Coming Wave*

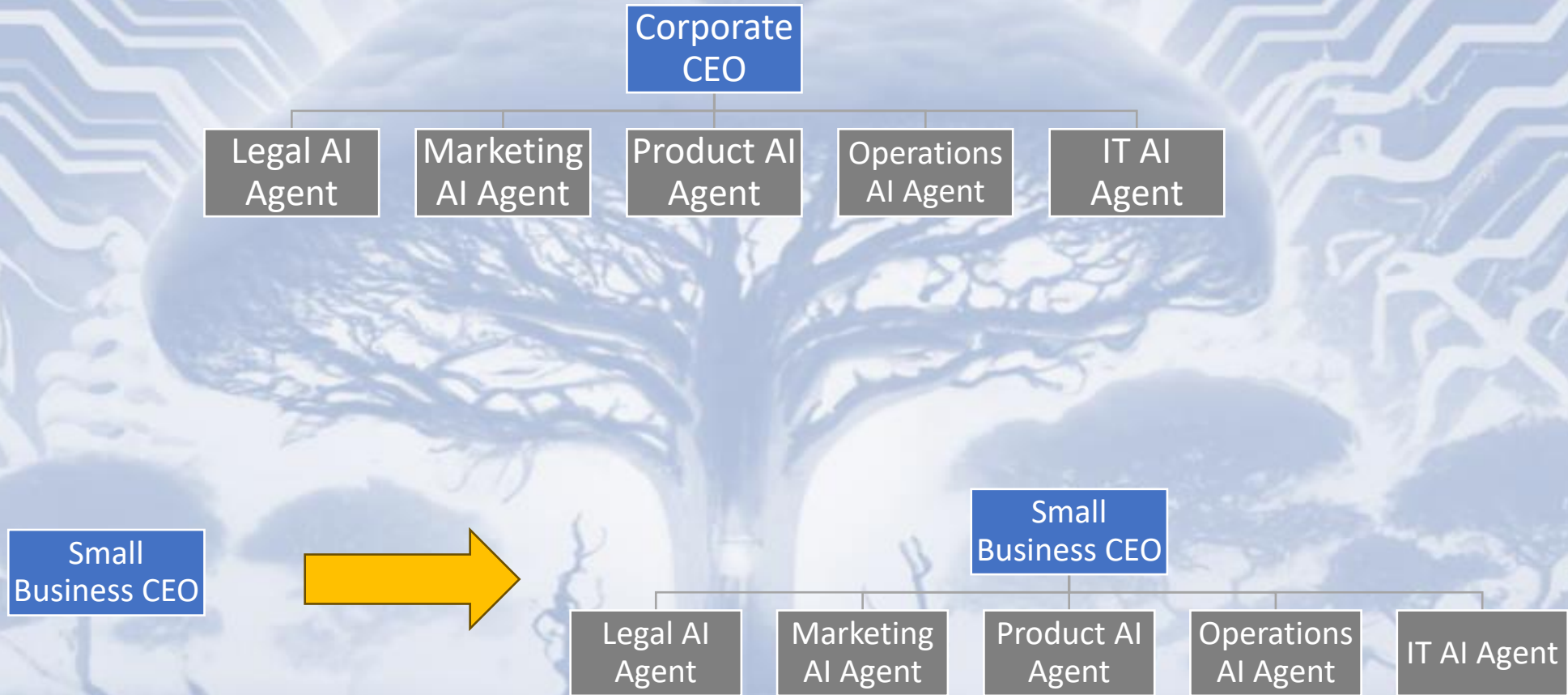


Mustafa Suleyman – CEO of Inflection AI and Co-founder of DeepMind (Later Acquired by Google)

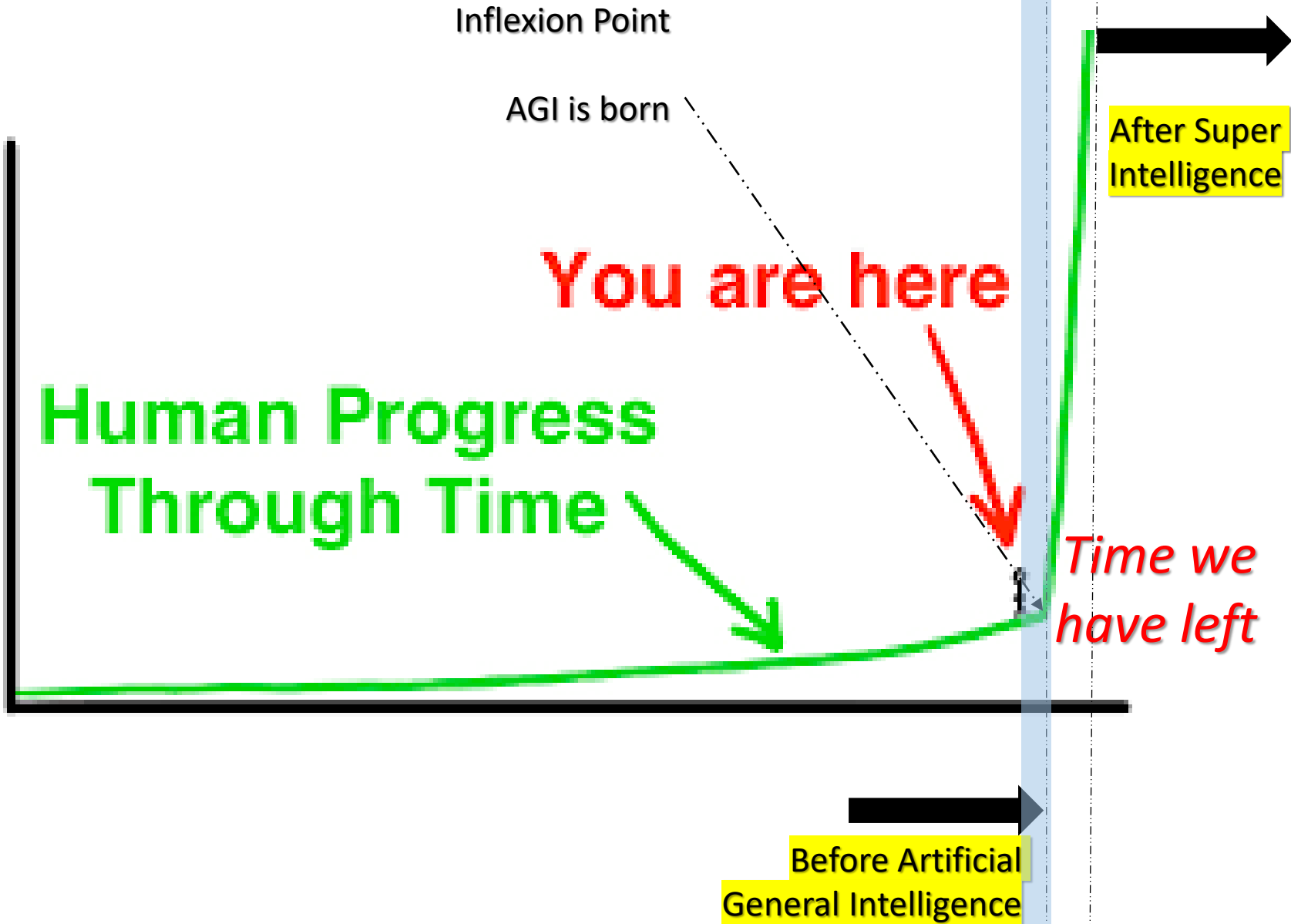
Job Losses Expected



AI Opportunities for Small Businesses



On the Cusp
of Artificial
General
Intelligence



How much time do we have?



Noah Shinn
Undergrad



Sam Altman
Open AI CEO



Geoffrey Hinton
Godfather of AI



Emad Mostaque
Stability AI CEO



Cathie Wood
Investor



David Shapiro
AI Automation
Specialist

Invented Self
Reflective
Autonomous
Agents **this year**

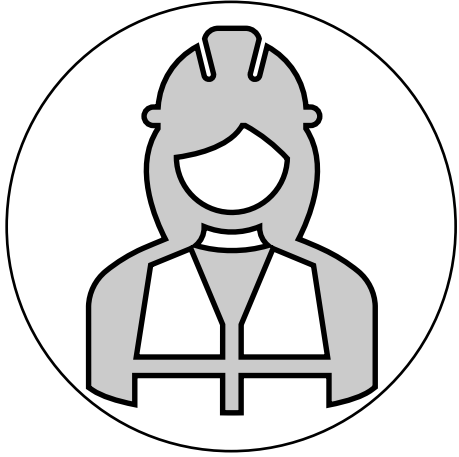
“Near Future”

5 to 20 Years

5 to 10 Years

**“2028 -
2034”**

**“October
2024”**



Before AGI

- Can AI Break Inequality?



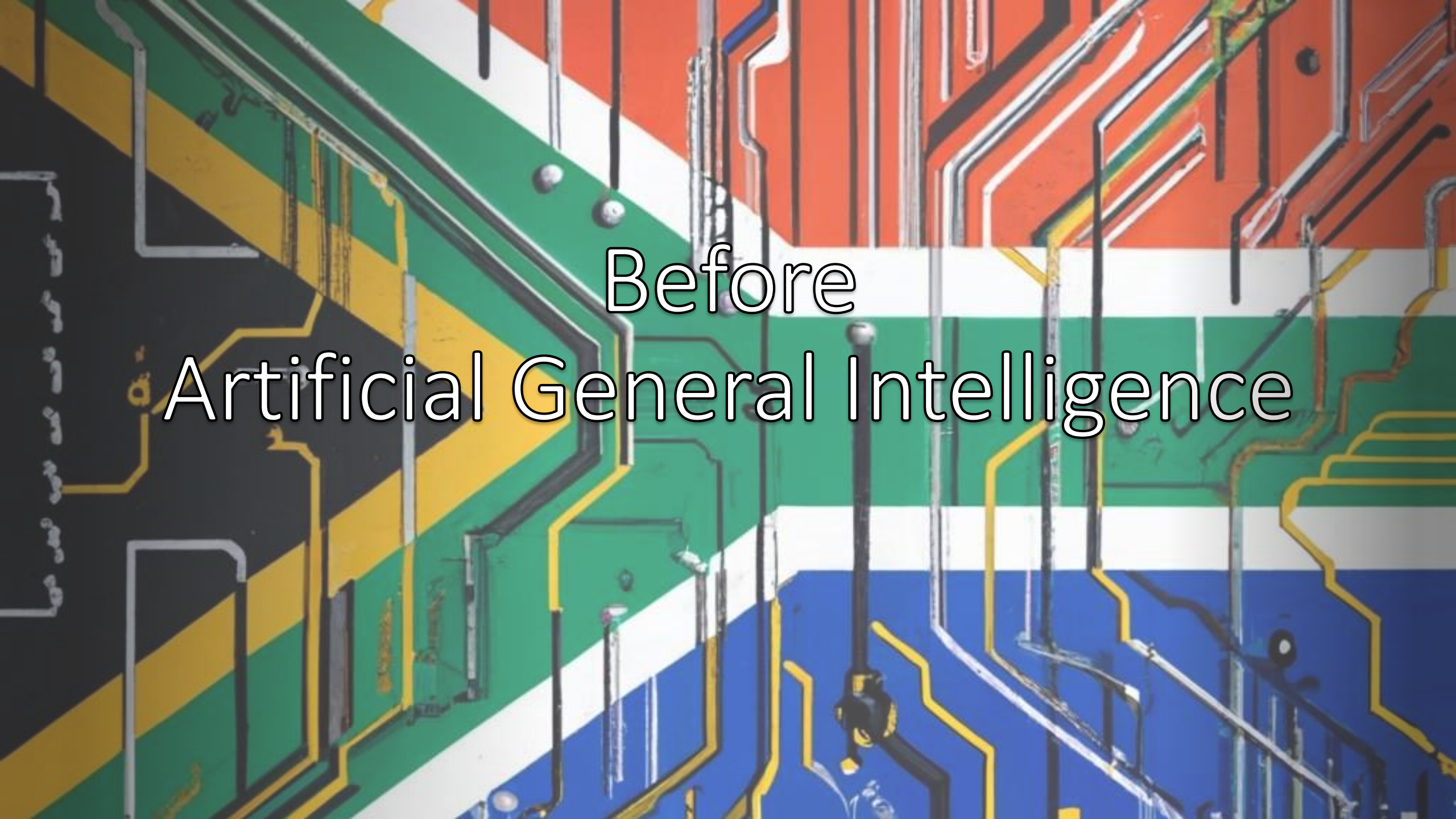
AGI Revolution



After Super Intelligence

- Does Work have a Future?

What are our Intractable Challenges?

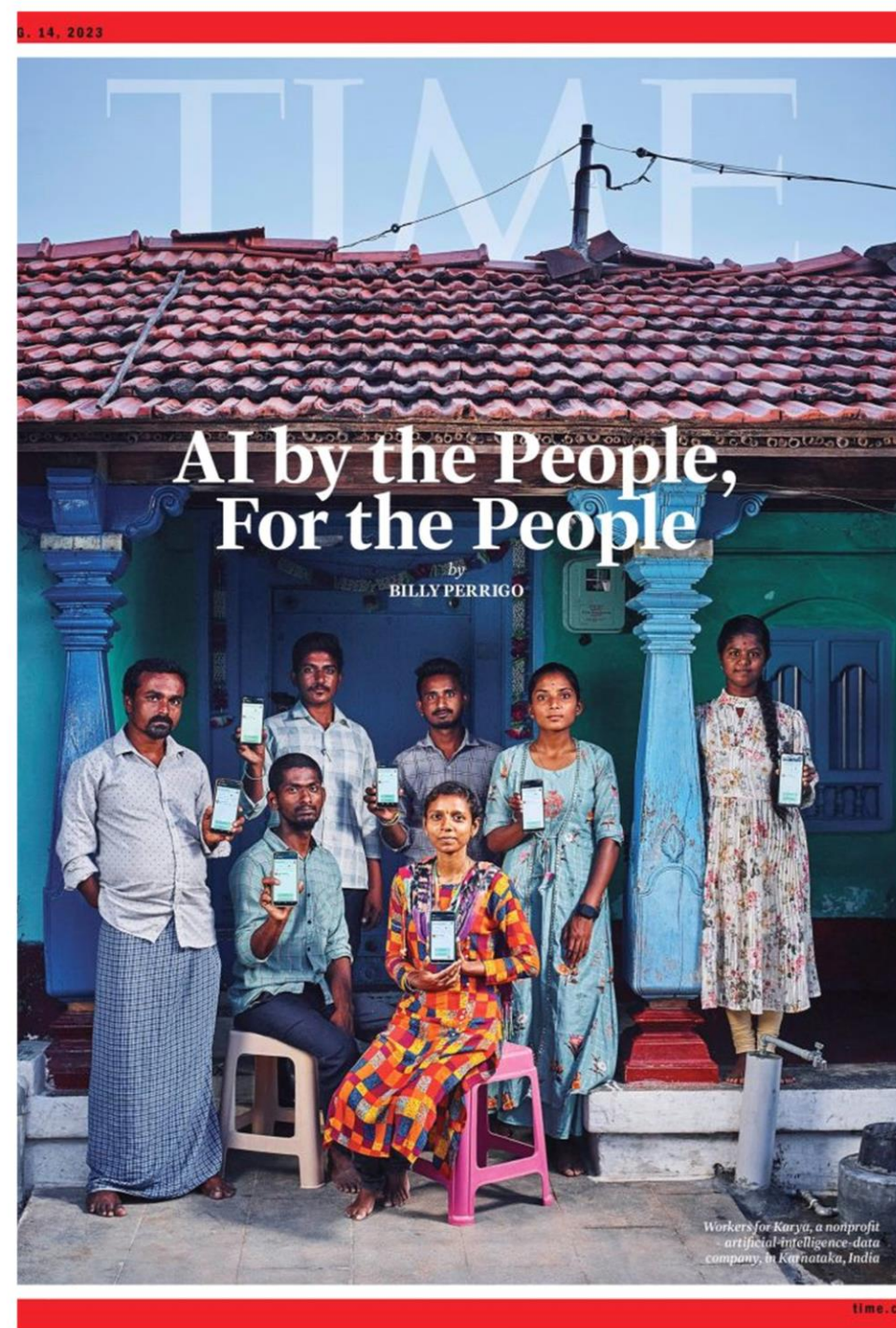


Before Artificial General Intelligence

Before Artificial General Intelligence



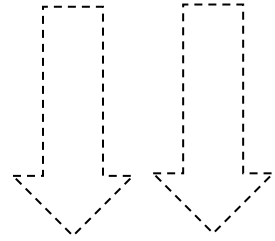
Data Justice Now!



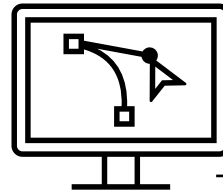
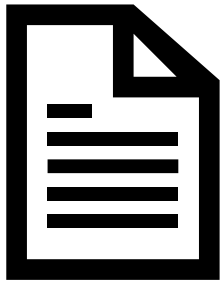
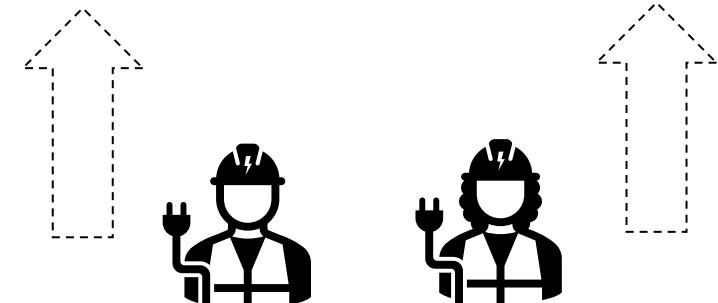
Leveraging AI in Skills Development



<<< Engineering & Procurement Contract >>>



- Wind Turbine Specification
- Specialised training Materials



Curriculum,
Training Materials



Large Language Model

South African TVET Colleges

Justice for All. Support the Paralegals



Access to the Law is expensive



Paralegals overstretched, under-skilled and under-resourced

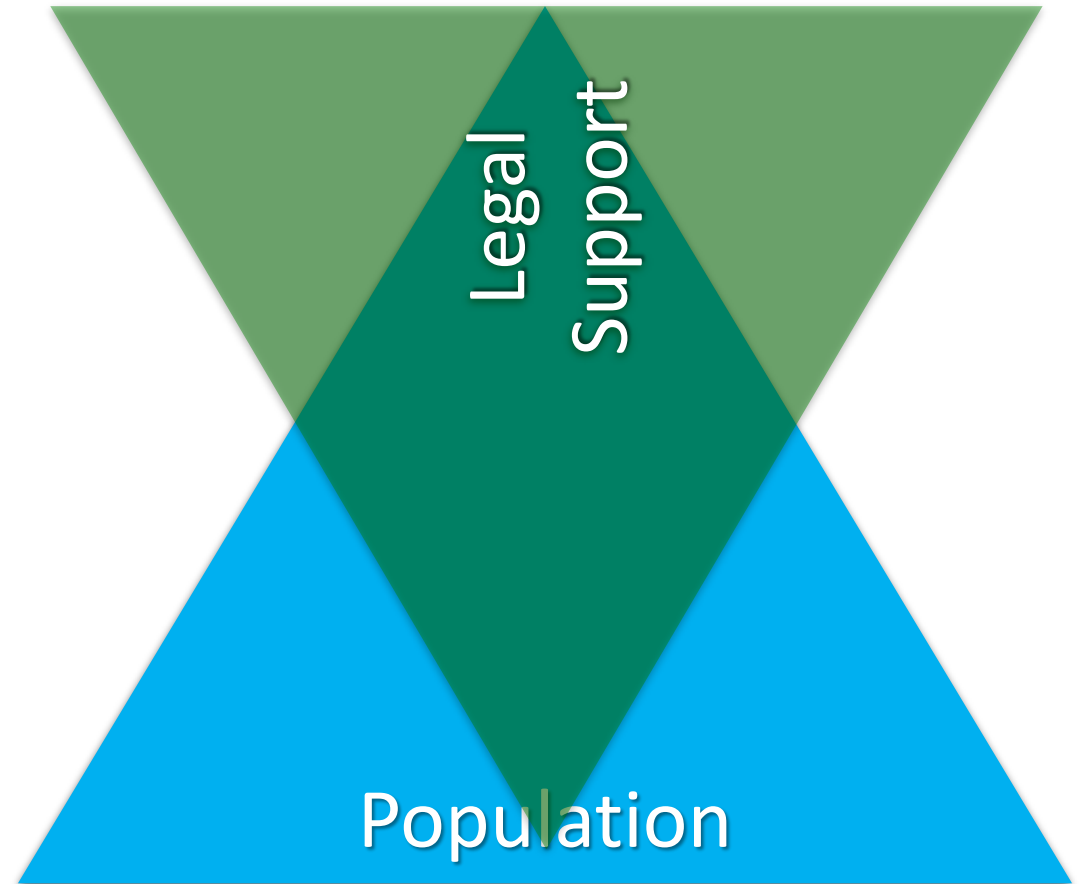


Set up South African Trained Legal Chat Bots.

Draft Legal Contracts
Policy Assistance
Business Registrations



Lets automate basic tasks





After Super Intelligence



Shrinking Labour Market



LABOUR
DECOUPLED
FROM
ECONOMIC
PRODUCTIVITY



AI CHEAPER
THAN HUMAN
LABOUR



ACCELERATED
GLOBAL
INEQUALITY





Does Work Have a Future?

- Tax the machine owners?
- Tax companies extracting our resources?
- Reimagine Universal Basic Income, Universal Basic Services
- Redefine how we spend our time



The Role of the Emerging Researcher

- Social Questions not Tech Questions
- How might Tech be a solution?
- Boost our AI Literacy and Awareness
- How do we amplify the Voiceless





Thank you

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Research Manager, EEE

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