AI Is One Side of the Intelligence Coin: Flip It to See the Whole Coin

An ARPI® Perspective - Intelligence Equilibrium™– May 2025

Artificial Intelligence (AI) is the technological revolution that the world was bound to have as Information Technology (IT) advanced exponentially, but AI like IT itself, has significant problems as well as advantages. Harm and distraction from using social media is a global IT 'wicked problem' as is the speed of rollout of uncontrolled and ungoverned AI evolution, application and increasing weaponisation, to the point today of being an existential global vulnerability.

The Australian Risk Policy Institute (ARPI®) introduced an objective transition code to discern vulnerability and risk - *"Risk is the Consequence of the Conjunction of Vulnerability, Threat and Threat Actor".* Vulnerability and Threat clearly exist. The 'unguided missile' of AI must be brought under global control and governance before a rogue nation becomes a global 'Threat Actor'

In the last two decades, the world has experienced the pre-digital approach of trying to manage risks when identified, from a risk register. Think Global Financial Crisis, 9/11, Covid-19, Cyber-Crime. Unequivocally, this is no longer effective in today's age of digital transformation and disruption. The world is now subject to rapid deterioration and not in the same place.

Risk management processes introduced decades ago will continue to fail, often too little or too late. They have not adjusted in order to meet today's challenges. A more strategic, policy approach is needed.

To paraphrase the *Royal Commission into Misconduct in the Banking, Superannuation and Financial Services Industry, also known as the Banking Royal Commission -'Do you have evidence of making all reasonable attempts to find out?' 'Could you have known? Should you have known?'* Clearly, plausible deniability is no longer an excuse.

Time nor indeed risk 'waits for no-one'. Therefore, today, risk is and must always inarguably be based in the concept and at the time of vulnerability – potentiality or possibility of strategic risk – because today, risk is concerned with consequences. Some consequences today, including those from uncontrolled and weaponized AI, are unimaginable.

On the other hand, breakthroughs such as in medical science through deep data analysis and extrapolation are inarguably watershed benefits of the AI technological evolution.

Many experts are promoting AI's journey as all-consuming and representing an unlimited evolution of mankind's innovation. Machines to be as smart as humans. But some experts are also becoming increasingly cautious and expressing fear.

Elon Musk supported two X posts that 'AI cannot solve AI's problems' and that 'Only Qualitative can see the totality of a situation.' This coincides with a key point in the evolution of mixed-mode intelligence methodology, that Qualitative and Quantitative together make the whole – inseparable to see and measure the totality of a situation – as we must today view the world as a meta-grid of 'whole systems' and 'systems within systems'. Wholeness not fragmentation.

This is evolving into realization that convergence of intelligence comprising Artificial Intelligence (AI) and Intelligence Augmentation (IA) – are the two inseparable sides of the intelligence coin.

This is where ARPI®'s R&D capability has been working – the global Centre for Advanced Resilience and Risk Policy Studies (CARRPS™) now led by Ivan Savov FARPI CRPS and Simon Lee FARPI CRPS - in partnership with a private R&D capability BlueCloud Analytics™. Research is centering on Intelligence Equilibrium™ between AI (Quantitative) and IA (Qualitative), with the scientific authority dating back to Aristotle, Einstein and others through two thought pillars – Context (IA) and Depth (AI). Appropriately now referred to as the study of Quantum Meta-Physics (QMP).

Let's pause and reflect on aspects of AI in practice – based on context and depth:

1. The world is now interconnected, interdependent and interactive like never before – but is neither inter-protected nor inter-respondent.
2. The world is subject to rapid deterioration and not in the same place.
3. Some consequences today are unimaginable.
4. Some challenges today have never been seen before.
5. Old approaches will not necessarily solve today's new challenges.
6. We must view the world as 'whole systems' and systems within systems.
7. We need risk policy because we have risks.
8. Resilience of critical global infrastructure depends primarily on protection against foreseeable vulnerabilities, secondly, rapid deployable reaction and thirdly, programmed and practised effective responsiveness.
9. AI is unquestionably an unprecedented super data-processor – with undoubtedly more exponential discoveries in train and to unfold. AI is able to examine and analyse huge volumes of data and information in a manner and speed impossible by human effort. Benefits include breakthroughs in medical science but drawbacks include fake court precedents and cheating in school exams.
10. Are we abrogating totality and reality of learning required for knowledge and wisdom to AI?
11. Data today becomes information which can or cannot become knowledge. AI then breaks down because it cannot per se produce human wisdom.
12. Wisdom includes context, consciousness, mind, values, judgment, abstract reasoning, consequences and much more.
13. ***Consciousness is from ARPI® research the pivotal concept in understanding today's innovative and disruptive world. Consciousness has three dimensions in ARPI®'s R&D.***

14. AI is indeed a 'super brain' or 'super intelligence' – but AI cannot replicate 'consciousness displayed by mind' because its source is material and limited.

15. Quantitative alone cannot presently and may never be able to see the totality of a situation. AI is quantitative.

16. AI as a concept has a black-glass ceiling – it cannot understand its limitation so it cannot 'see' through it. It doesn't know what it doesn't know – and even if programmed to search for context or wholeness, it can only produce an analysis based on existing data and present scenarios and possible outcomes based on such analysis.

17. Thus, AI cannot 'understand' nor include context and respond accordingly to the increasingly complex world we live and work in. The future of humanity, human continuity itself, depends on totality and integration of understanding, interpretation and application. Wholeness.

18. Insight produces foresight but AI's insight is framed from 'inside-out' – whereas IA provides an inherent 'outside-in' perspectives and context.

19. AI is a domino of 'undue influence' based on selectively presented information.

20. Where, when and how will AI be progressively banned, constrained, limited and globally governed for good – with civil and criminal sanctions? It must occur. Instances of concern are being reported at an unsustainable and increasing rate.

AI is a significant invention and creation which can enhance understanding in the world today. But its connectivity, strategizing hence informed decision-making, are limited.

The Daily Mail article of 25 April 2025 by Sophie Gable reported comments from Demis Hassabis, CEO of DeepMind at Google, Microsoft founder Bill Gates and computer scientist Geoffrey Hinton. Hassabis reportedly believes Artificial General Intelligence (AGI) designed software will within the next five to ten years rival the cognitive ability of a human. Further that by 2035, it will be 'embedded' in our daily lives. Gates and Hinton reportedly acknowledge global vulnerability and concerns about AI.

A podcast by the Joe Rogan Experience of 25 May 2024 interviewing Jeremie Harris (CEO) and Eduardo Harris (CTO) of Gladstone AI – www.superintelligence.gladstone.ai provided an insight into the positive business application of AI development.

In relation to IA, ARPI® is identifying and exploring areas which AI does not presently cover and may never be able to cover, with particular focus on enhancing resilience of critical global infrastructure including cyber security, and in general, enabling informed and pre-emptive decision-making both in sectors and across society. ARPI® research on IA falls within the science of Quantum Meta-Physics (QMP).
Some key aspects include:
- ❖ **Value of History** – Aristotle, Einstein: content, process, context, space, depth, time
- ❖ **Key Research Pillars** - Interconnectedness: Holistic: Consciousness: Reality
- ❖ **Mixed-Mode Methodology** based on integration within whole systems - AI:IA
- ❖ **Research** areas include - behavioural science: business, military and UAP
- ❖ **Progress** includes validated mixed-mode AI:IA application to 33 areas of intelligence with a total list of over 90+ potentially actionable areas which are presently outside the scope of AI.

Examples of mixed-mode modelling for sharing at this point include '**Situational Awareness'** and '**Sudden Change'** – both vital to enhance resilience of critical global infrastructure, as well as to enable informed and timely decision-making in general. This is an example from Gap Analysis employed between AI and IA: which must be closed. Both are essential to protect against vulnerability of whole systems – and at the earlier risk policy point of potentiality or possibility of strategic risks, rather than later trying to manage identified risks, often regarded as behaving rationally as recorded in a risk register.

Furthermore, it is ARPI®'s view that unless recognized and corrected through global leadership, AI will likely 'implode' governance-wise before the aforementioned year of advanced innovation. The Centre for Advanced Resilience and Risk Policy Studies (CARRPS™) has conducted two separate research exercises to estimate such an application 'end date' for AI as it currently exists and heading without strategic intervention, finding the dates to be just 12 months apart.

ARPI® calls for urgent and broad global understanding, development and systematisation of IA Intelligence Augmentation to complement, control, guide, progress, optimize and govern AI, as a global existential solution for the challenges and opportunities produced by AI Artificial Intelligence, into the next period of time and stage of technological evolution and revolution. The alternative? Take heed of IT experts. Computer Scientist Geoffrey Hinton (known as the 'Godfather of AI') and Bill Gates, Microsoft Founder.   Be Warned!

ARPI® 's suggested approach:
1. Global understanding of the mutuality, interdependence, conjunction, inseparability and necessity of the relationship of AI:IA thinking, approaches and frameworks;
2. Global strategic leadership to immediately agree, disclose and harness AI, as no single nation nor group of nations could benefit from a void planet;
3. Recognition of the impossibility of sustaining global dominance through AI; and
4. Establishing a convocation of committed, leading nations empowered to formulate, drive and deliver a "Global Strategic Intelligence Future."

Contact: ARPI® President Tony Charge FARPI - academy@arpi.org.au   2 May 2025

Some references for readers' information:
❖ ARPI® - Australian Risk Policy Institute – www.arpi.org.au – Convenor of the Global Risk Policy Network
❖ ERPI – European Risk Policy Institute – www.risk-policy.eu
❖ Banking Royal Commission - *Royal Commission into Misconduct in the Banking, Superannuation and Financial Services Industry December 2017* - *https://www.royalcommission.gov.au/banking*
❖ David Bohm – Author – "Wholeness and the Implicate Order" 2002
❖ Joe Rogan Experience - 25 May 2024 – www.superintelligence.gladstone.ai
❖ Daily Mail - "Google exec reveals prediction for future of AI" - 25 April 2025 - https://www.dailymail.co.uk/news/article-14643755/google-executive-ai-demis-hassabis-future-prediction.html
❖ Ross Coulthart – Author - "In Plain Sight" 2023 - www.rosscoulthart.com