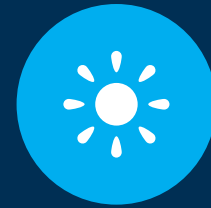


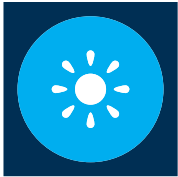
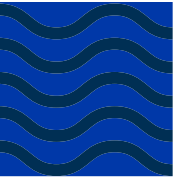
AI Sandbox: Experimenting with the Future of Public Procurement

When machines handle the process, humans can focus on the purpose.



AI: The Must-Have Tool in Turbulent Times

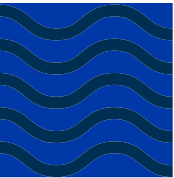
RISING PRESSURES	AI DELIVERS	RESULTS FOR PEOPLE
 <p>Interest-rate cuts → lean government budgets</p>	 <p>Predict Risks early</p>	 <p>Roads finished faster</p>
 <p>Skills shift with AI uptake</p>	 <p>Optimize every dollar</p>	 <p>Schools open on schedule</p>
 <p>Volatile oil prices & trade tariffs</p>	 <p>Instant transparency</p>	 <p>Hospitals built on time</p>
 <p>Regional disasters</p>	 <p>24/7 Copilots for support</p>	 <p>Building public trust</p>
 <p>Public demand for accountability</p>		



How AI has improved

March 2023

April 2025



AI reshaping Procurement - Today



Procurement Risk Activation Model

Analytics-driven risk mitigation



AI-Powered Procurement Chatbot

<https://ai.worldbank.org/chat/proc>



GenAI ToR Generator

Saves time person-month



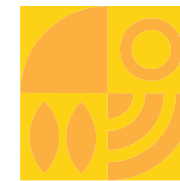
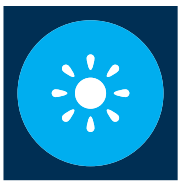
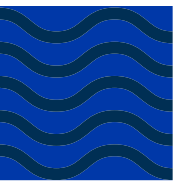
Life Cycle Cost Optimization Model

GenAI + Monte Carlo



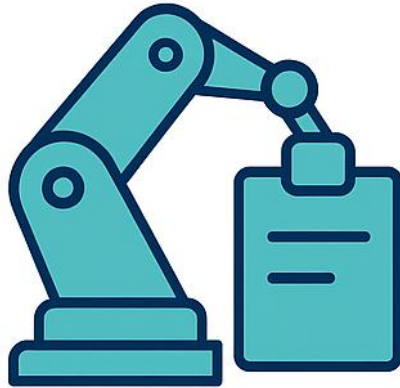
Predictive Analytics Savings Example

Indonesia: IDR 136T / USD 1,8 B



AI reshaping Procurement - Tomorrow

Emerging



AI manages workflows
with human-in-the-loop
oversight

Future

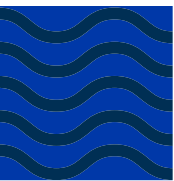


Self-service procurement
(e.g., "Hey Siri, procure
laptops")

Strategic Shift



Frees up professionals
to focus on planning,
policy, and governance



Beyond the Price Tag: Redefining Value for a Better Tomorrow



AI is evolving beyond automation – enabling smarter decisions on suppliers, risks,



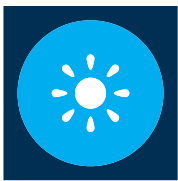
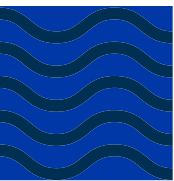
Success metrics are shifting from cost savings to include:

- Supply chain responsiveness
- Emission reduction
- Autonomous transaction rates



To unlock AI's full potential, organizations **must:**

- Build integrated procurement ecosystems



Laying the Tracks for AI Transformation



Define a Clear AI Vision

- Align leadership on a shared strategy
- Secure cross-functional support early on



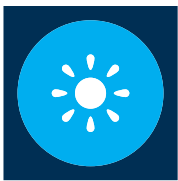
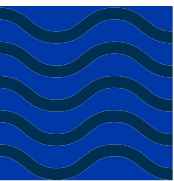
Strengthen Data Foundations

- Invest in centralized, clean, and governed data
- Build infrastructure for scalable AI applications



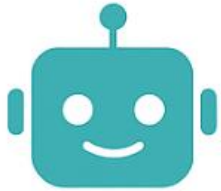
Upskill and Evolve Teams

- Focus on digital literacy, AI, and analytics
- Recruit talent with future-ready competencies



AI Agents at Work: The New Workforce in Procurement

Smart Helpers Beyond Chatbots



- Execute multi-step tasks
- Use tools

Real-World Impact



- Enhance decisions & efficiency
- Leverage real-time data & ML

Key Procurement Use Cases

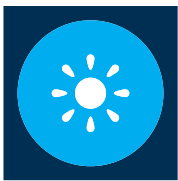
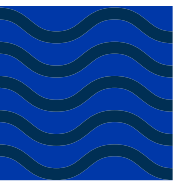


- Automate repetitive tasks
- Forecast demand
- Negotiate prices
- Manage risks
- Supplier selection
- Optimize logistics

Embedding for Success



- Integrate into workflows
- Build agent-friendly ecosystem
- Continuous monitoring & refinement



Built for Humans: AI That Works With You, Not Instead of You



Transparency

AI agents must offer clear, explainable, and data-backed recommendations



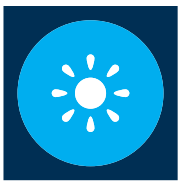
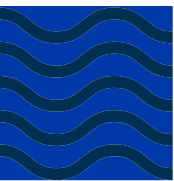
Human Collaboration

Agents are designed to support—not replace—human expertise, freeing teams for strategic focus

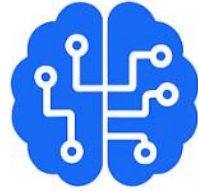


Gradual Implementation

Pilot-based rollouts allow teams to realize value incrementally and build trust before scaling



Pioneering Next-Gen Procurement



Agentic AI Pilot

Tested autonomous AI agents to analyze planning data

- Aims to identify risks and suggest mitigation
- Planned rollout next fiscal year



Conversational Analytics Pilot

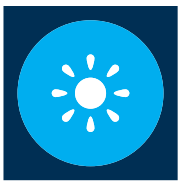
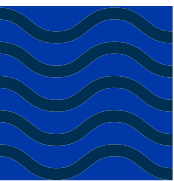
Enabled natural language procurement queries

- Explored KPIs without technical skills
- Completion expected next fiscal year



Why these pilots?

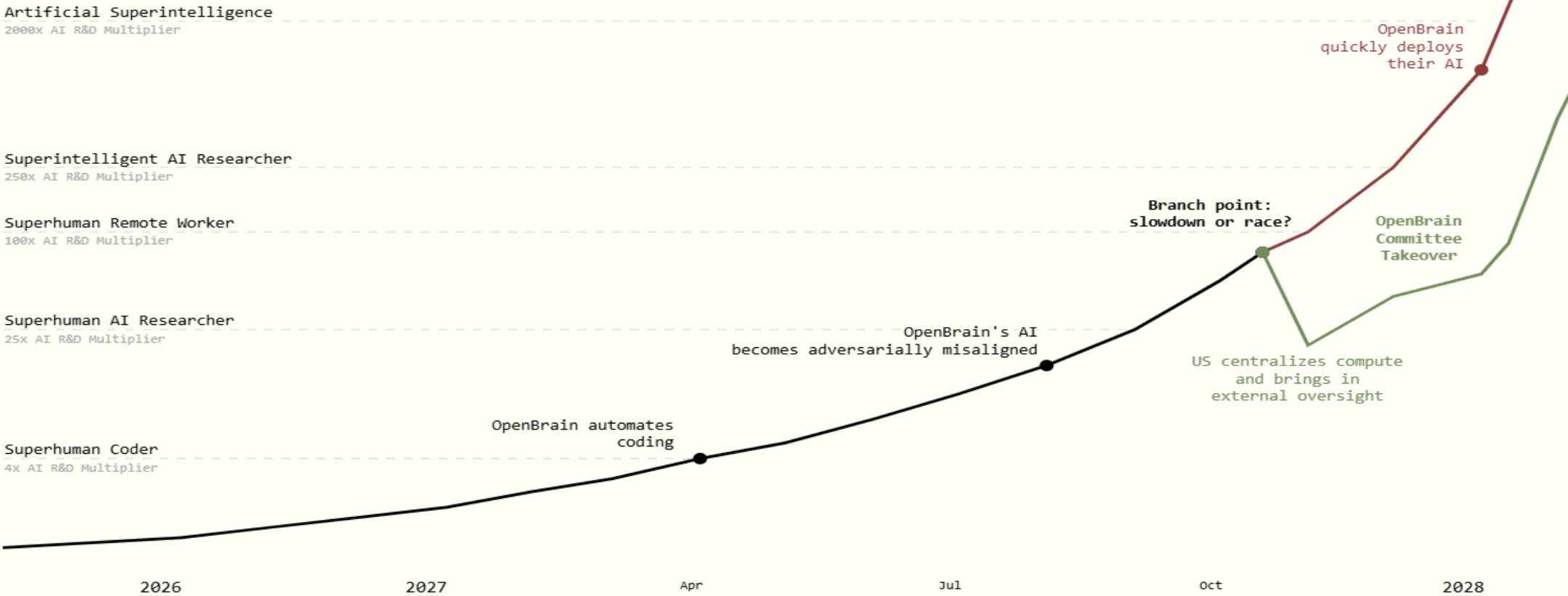
- Make procurement data easier to use
- Improve early risk detection and response
- Lay the groundwork for scaling AI tools
- To lay the groundwork for scaling AI-powered tools across regions



AI 2027

Daniel Kokotajlo, Scott Alexander, Thomas Larsen, Eli Lifland, Romeo Dean

Ex-OpenAI Daniel Kokotajlo's **'AI 2027** predicts **AGI by 2029**, where AI is driving progress at warp speed



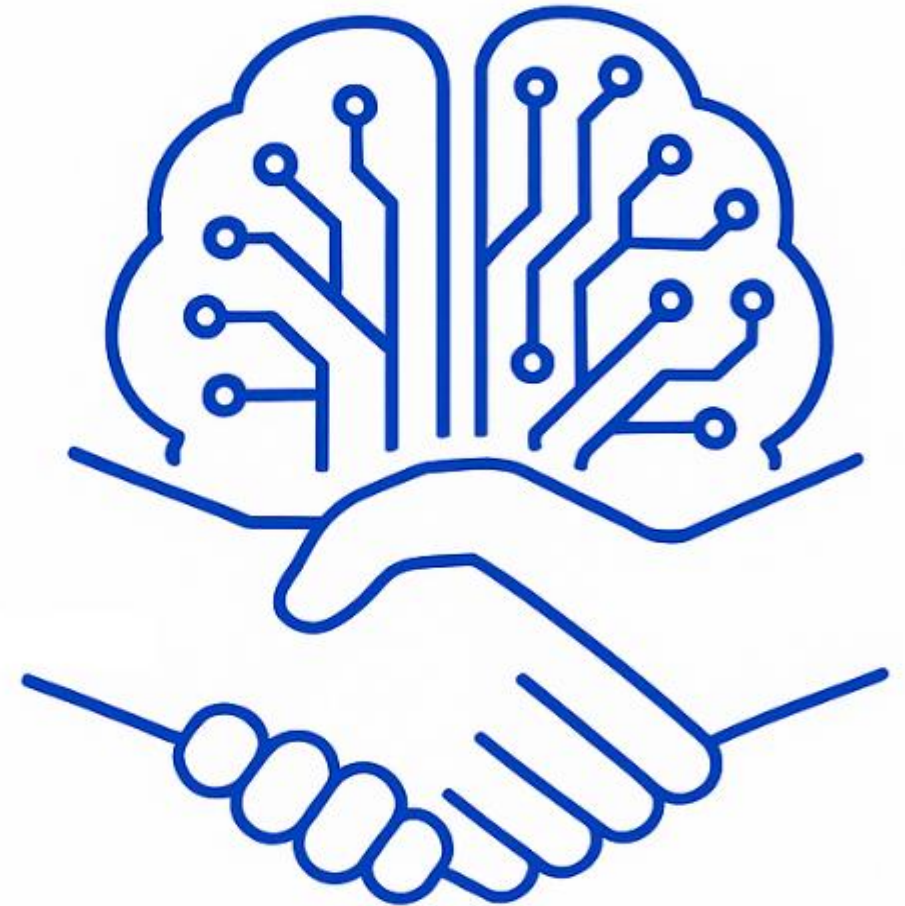
Thank you

Ready to unlock data-driven
procurement together?



Khalid Bin Anjum

kanjum@worldbank.org



When machines handle the process, humans can focus on the purpose.

