COALITION FOR INNOVATION

AI Blueprint for the Future

Coalition for Innovation, supported by LG NOVA

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Preamble

The Coalition for Innovation is an initiative hosted by LG NOVA that creates the opportunity for innovators, entrepreneurs, and business leaders across sectors to come together to collaborate on important topics in technology to drive impact. The end goal: together we can leverage our collective knowledge to advance important work that drives positive impact in our communities and the world. The simple vision is that we can be stronger together and increase our individual and collective impact on the world through collaboration.

This "Blueprint for the Future" document (henceforth: "Blueprint") defines a vision for the future through which technology innovation can improve the lives of people, their communities, and the planet. The goal is to lay out a vision and potentially provide the framework to start taking action in the areas of interest for the members of the Coalition. The chapters in this Blueprint are intended to be a "Big Tent" in which many diverse perspectives and interests and different approaches to impact can come together. Hence, the structure of the Blueprint is intended to be as inclusive as possible in which different chapters of the Blueprint focus on different topic areas, written by different authors with individual perspectives that may be less widely supported by the group.

Participation in the Coalition at large and authorship of the overall Blueprint document does not imply endorsement of the ideas of any specific chapter but rather acknowledges a contribution to the discussion and general engagement in the Coalition process that led to the publication of this Blueprint.

All contributors will be listed as "Authors" of the Blueprint in alphabetical order. The Co-Chairs for each Coalition will be listed as "Editors" also in alphabetical order. Authorship will include each individual author's name along with optional title and optional organization at the author's discretion.

Each chapter will list only the subset of participants that meaningfully contributed to that chapter. Authorship for chapters will be in rank order based on contribution: the first author(s) will have contributed the most, second author(s) second most, and so on. Equal contributions at each level will be listed as "Co-Authors"; if two or more authors contributed the most and contributed equally, they will be noted with an asterisk as "Co-First Authors". If two authors contributed second-most and equally, they will be listed as "Co-Second Authors" and so on.

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The Coalition is intended to be a community-driven activity and where possible governance will be by majority vote of each domain group. Specifically, each Coalition will decide which topics are included as chapters by majority vote of the group. The approach is intended to be inclusive so we will ask that topics be included unless they are considered by the majority to be significantly out of scope.

We intend for the document to reach a broad, international audience, including:

- People involved in the three technology domains: CleanTech, AI, and HealthTech
- Researchers from academic and private institutions
- Investors
- Students
- Policy creators at the corporate level and all levels of government

Chapter 1: Introduction

Author: Sarah Ennis

Humanity-Forward AI: A Blueprint for Responsible Innovation

Artificial intelligence (AI) is moving quickly into nearly every sector of society. While the potential is extraordinary, the challenges are equally significant: questions of trust, fairness, environmental impact, and human agency remain unresolved. This blueprint responds to those challenges with a structured, multi-part approach that links technical foundations to real-world application and community benefit.

Scope of this Blueprint for the Future

This blueprint has been developed to guide the responsible evolution of AI from a cross-sector perspective. It is intended for technologists, policymakers, educators, industry leaders, and community advocates who share a commitment to ensuring that AI advances the public good.

The content is organized into four interconnected parts:

Data, Policy & Adoption: building the governance, legal frameworks, and infrastructure needed for trustworthy AI systems

Human-Centered Design & Next-Generation Workflows: ensuring AI enhances human agency and capability

Ethics, Safety & Societal Impact: addressing systemic risks, equity concerns, and long-term accountability

Sector Spotlights: applying lessons to specific fields such as education and the creative industries

Rather than prescribing a single standard or regulatory approach, this blueprint offers a flexible, evidence-informed framework that can be adapted to local contexts and evolving technologies. It is a living reference, meant to evolve alongside AI itself.

Blueprint Overview

Part I: Data, Policy & Adoption addresses the infrastructure and governance needed to support AI systems responsibly. Data Alliance examines how federated ecosystems can enable secure, consent-based data sharing across sectors. Regulation on AI focuses on intellectual property rights, licensing frameworks, and legal guardrails for model training and deployment. Adoption of AI considers enterprise uptake, user consent, and the often-overlooked costs of running large-scale data centers. Benefits & Drawbacks of Decentralized AI weighs the trade-offs between edge and cloud architectures, with a focus on trust, bias, and resilience.

Part II: Human-Centered Design & Next-Gen Workflows looks at how AI can be built to enhance human capability rather than replace it. Human Factors Contributions in GenAI explores design practices that promote usability, transparency, and user trust. What AI Owes Children sets out privacy-by-design principles and ethical guardrails to protect young users. Agentic AI examines the evolution from narrow, task-based assistants to more autonomous digital agents, including the opportunities and risks they present.

Part III: Ethics, Safety & Societal Impact turns to the values and safeguards that should guide AI development. AI Ethics: Navigating Responsible Innovation provides international frameworks, real-world failure cases, and practical governance measures to support fairness, transparency, and dignity. AI and the Community Lens considers how AI intersects with equity, poverty, and place, particularly in underrepresented communities. AI Safety outlines methods for adversarial testing, governance controls, and continuous monitoring. Overreliance on AI explores the behavioral and design factors that can lead to unhealthy dependency, alongside corrective safeguards. Climate & Community Impacts of AI highlights infrastructure emissions, equity in deployment, and civic risks. Beyond Emissions extends this discussion to balancing environmental, social, and economic responsibilities at scale.

Part IV: Sector Spotlights focuses on domains where AI's influence is both transformative and contested. AI in Education — A Tipping Point looks at the dual potential for surveillance and transformative learning, with attention to equity in classrooms. AI: Entertainment, Creativity & Piracy investigates the tension between enabling creative innovation and protecting intellectual property in the digital economy.

The Appendices provide practical tools and illustrative examples. Appendix A presents the AI Anchor System, a tested framework for aligning AI behavior with ethics, bias prevention, identity safeguards, truth verification, and equity. Appendix B includes case studies in international collaboration in AI, such as the Seoul–MILA Scientist-in-Residence Program, joint research funding models, public-sector innovation in Daejeon, and knowledge-sharing frameworks. Appendix C offers a Solution-Focused Community Development model that applies AI to grassroots problem-solving.

Taken together, these sections form a blueprint for AI that is ethical, equitable, and resilient. It offers not just analysis but actionable frameworks, encouraging technologists, policymakers, educators, and community leaders to design and deploy AI systems that advance the public good.

Author (In order of contribution)

Sarah Ennis, Co-Founder, AgentsGEO.ai
Sarah Ennis is a Fortune 500 trusted advisor specializing in advanced technology innovation, with over two decades of experience leading groundbreaking AI solutions at scale. Globally recognized for her expertise in artificial intelligence, she designs and implements bespoke emerging technology products across industries. She is also the co-founder of AgentsGEO.ai, a patent-pending platform that helps brands monitor and improve their visibility in the AI ecosystem and deploy AI agents, ensuring they are discoverable and recommended by tools like ChatGPT, Gemini, and others through its proprietary GEOScorer™ technology. In addition, Sarah contributes part-time to Northeastern University's Master of Digital Media programs in AI, preparing the next generation of technologists and creative leaders. Her work bridges Silicon Valley innovation with global impact, and she is a distinguished member of the American Society for AI and contributor to the OpenAI Forum.

For more information about the Coalition for Innovation,
including how you can get involved, please visit coalitionforinnovation.com.

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