Structured thought and strategic clarity on issues that matter

August 6 2025

**CURRICULUM - BODY OF KNOWLEDGE** 

## THE CEO ADVANTAGE

A one-year certificate program for elite decision-makers in 16 global domains.





"Executive leadership faces a Sisyphean challenge: to anticipate, adapt, and ethically navigate a labyrinth of systemic risks that traditional education scarcely prepares them for."



### Introduction

## Beyond the Boardroom: How Certification in Strategic Domains Elevates Leadership Resilience

In an era where the global landscape shifts with dizzying speed—economic power realignments, energy revolutions, the rise of artificial intelligence, and mounting existential threats—executive leadership faces a Sisyphean challenge: to anticipate, adapt, and ethically navigate a labyrinth of systemic risks that traditional education scarcely prepares them for. The world of CEOs, investors, founders, and senior leaders is no longer confined to the boardroom's familiar terrain; it sprawls across volatile geopolitical fault lines, the ethical quandaries of AI governance, and the urgent imperatives of environmental, social, and governance (ESG) criteria. Yet, amid this complexity, a curious paradox emerges. While the stakes have never been higher, the prevailing leadership training often remains tethered to outdated paradigms, neglecting the interdisciplinary, research-intensive frameworks necessary for mastering these multifaceted challenges (Weichman, 2023; Schwab, 2016).

This disconnect underscores a critical knowledge gap: how can executive education evolve to equip leaders not only with theoretical insight but with empirically validated tools that enhance their capacity for risk anticipation, ethical decisionmaking, and crisis management. The urgency of this question is underscored by compelling evidence that organizations investing in targeted executive education outperform their peers, delivering stock market returns up to five times greater and fostering innovation and resilience in turbulent markets (NovoEd, 2025; Ivev Business School, 2024). Yet, the literature reveals a tension between proponents of specialized, domain-focused training and skeptics who caution against overloading leaders with rapidly evolving technical

knowledge at the expense of practical leadership skills (Weichman, 2023; Center for Creative Leadership, 2025).

This debate illuminates the need for a nuanced approach—one that integrates high-impact strategic domains such as economic power shifts, energy transitions, AI governance, and existential risk into executive curricula, while validating mastery through formal certification. Such credentials do more than confer expertise; they signal a leader's commitment to lifelong learning and cross-sector collaboration, essential qualities in an interconnected world where systemic risks transcend traditional boundaries (Harvard University, 2025; MIT Sloan, 2020).

At Intelligfencia IA we believe that targeted, research-intensive executive training and certification programs spanning these critical strategic domains are indispensable for contemporary leaders. These programs provide empirically validated, interdisciplinary frameworks that measurably enhance leaders' abilities to anticipate risks, make ethical decisions, and manage crises effectively. Furthermore, these credentials formalize expertise and demonstrate dedication to continuous learning, equipping organizations to achieve superior resilience, innovation, and sustained competitive advantage amid the complexities of global markets. The inadequacy of traditional leadership education, which often lacks the depth and interdisciplinary scope required to address emergent systemic risks such as AI governance, climate change, and geopolitical instability, necessitates this evolution in executive development.

- Steven Morales de Medrano, CEO Intelligencia IA



#### "What Sets CEO Advantage Apart

Presidential-Grade Decision Support:

CEOs today face complexity on par with heads of state. CEO Advantage arms you with the same caliber of intelligence—comprehensive, nuanced, and actionable—so you can lead with confidence and foresight.

Real-Time, Mission-Critical Delivery:

Our intelligence is live, responsive, and continuously updated, ensuring you're always operating with the latest, most relevant insight.

Intelligence Briefings—Elevated:

Receive in-depth, fully argued research memoranda that go far beyond bullet points or surface-level facts. Each research memorandum is a 4000 word complete research paper that presents the facts, the context, and the full spectrum of perspectives—so you're equipped for every boardroom, crisis, or opportunity, delivered as an engaging "research narrative" complete with full citations and links to relevant sources.

360° Strategic Analysis:

Every intelligence product is built to give you the complete picture:

- The evidence and data behind the issue
- The competing angles and interests at play
- The pros, cons, and likely objections—plus the rebuttals you'll need at your fingertips



#### "How Does It Work?"

#### 12-Month Certification:

Complete the full curriculum to earn a prestigious, digital certificate—demonstrating understanding across all domains.

#### **Progress Recognition:**

Track your advancement with an interactive dashboard. Each year you complete the program, your digital certificate updates—displaying your veteran status.

#### Living Curriculum:

Essays and quizzes are released in real time, responding to the latest global events and strategic shifts—ensuring every lesson is relevant and actionable.

#### **Exclusive Leadership Community:**

Graduates join a select network of forward-thinking executives, gaining ongoing access to new insights and opportunities.

#### Condensed Class Size:

Participants are selected based on experience, potential impact on the career and role of the participant, and diversity of participants across sectors, countries, and expertise. Class size 35.

#### Digital Certificate:

The CEO Advantage digital certificate serves as not only online and continuous evidence of program completion but also as your pass to events in Davos, Monaco, London, and New York.

#### Invitation to Davos 2026:

Participants in the CEO Advantage program will receive an exclusive invitation to join us in Davos in January 2026 for a powerful day of strategic discussion and insight. Engage with world-class speakers addressing global macro trends, followed by a private evening gala of networking with global business leaders and investors committed to fostering cross-border collaboration and visionary leadership.

## **CEO ADVANTAGE**

#### **CURRICULUM - BODY OF KNOWLEDGE**

- 1. The Future of Money and Economic Power
- 2. Energy Transitions, ESG, and Decarbonization (combined)
- 3. Politics, Power, and Governance
- 4. Artificial Intelligence: Autonomy, Alignment, and Control
- 5. Geopolitics, Conflict, and War
- 6. The Race for Longevity: Synthetic Biology & Human Enhancement
- 7. Existential Risk and the Survival Horizon
- 8. Information Integrity and Cognitive Security
- 9. Food, Water, Resource Security
- 10. Lawfare and Legal Power
- 11. Resilient Societies: Navigating Polycrisis
- 12. Urbanization, Smart Cities, and Societal Control
- 13. Poverty and Hunger in a Changing World
- 14. Oceans: The Planet's Critical Frontier
- 15. Space as a Strategic and Economic Frontier
- 16. Rethinking Economic Growth: Drivers, Debates, and Global Futures

## 1. The Future of Money and Economics Power

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

The global financial system is undergoing its most profound transformation since Bretton Woods. From the rise of digital currencies and decentralized finance to the weaponization of monetary systems in geopolitics, the very foundations of economic power are being redrawn. For decision-makers, this is not just a matter of financial literacy—it is a matter of strategic survival. Understanding the future of money means understanding the future of influence, sovereignty, security, and innovation. Those who fail to grasp this shift will fall behind. Those who lead it will shape the next global order

#### **Strategic Content Pillars**

**Digital Currencies & CBDCs:** Development, adoption, and impact of central bank digital currencies and stablecoins.

**Decentralized Finance (DeFi):** Innovations, risks, and regulatory responses in decentralized financial systems.

**Fintech & Payment Innovation:** Disruption of traditional banking, new payment rails, and global remittance flows.

**Geopolitics & Economic Fragmentation:** Currency competition, sanctions, and the fragmentation of global finance.

**Illicit Finance & Surveillance:** New risks, regulatory gaps, and intelligence challenges.

**Sovereignty & Competition:** Impacts on national policy, economic sovereignty, and global competition.

**Case Studies & Lessons Learned:** Successes, failures, and inflection points in digital finance evolution.

#### Strategic Impact

- A well-curated intelligence framework on the future of money enables leaders to:
- Anticipate economic realignment driven by digital monetary systems, rather than reacting to crises.
- Navigate regulatory turbulence by understanding the converging interests of governments, tech firms, and supranational institutions.
- Capitalize on innovation in fintech, DeFi, and programmable money while mitigating systemic risk.
- Safeguard sovereignty in a world where financial infrastructure is becoming geopolitical infrastructure.
- Position institutions and portfolios to thrive amid monetary fragmentation and currency competition.

#### **Key Principles for Research**

- Power Follows Infrastructure
   Monetary power is increasingly
   embedded in code, platforms, and
   protocols. Follow the rails, not just
   the rules.
- Sovereignty is Being Redefined

Control over currency, data, and payments now rivals control over borders. Economic sovereignty is no longer confined to fiscal policy.

- Regulation is a Strategic Weapon

Regulatory frameworks are becoming tools of global competition—who sets the rules, wins the future.

- Risk is Multipolar and Asymmetric

From systemic DeFi failures to illicit finance vectors, financial risk is now fragmented, dynamic, and borderless.

- Finance is Now Geopolitical Sanctions, currency competition, and capital flows are tools of foreign policy. Understanding money is understanding power.
- Inclusion is a Strategic Variable

Who is left out of the digital economy will shape not only social stability but also market growth and legitimacy.

 Scenario Planning is Mandatory

Certainty is gone. Institutions must prepare for divergent futures including radical innovation, state fragmentation, or emergent alliances around money tech.

## 2. Energy Transitions, ESG, and Decarbonization

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

The global energy system is undergoing a historic transformation—one that will redefine industrial power, national security, and geopolitical influence for the next 50 years. As countries race to decarbonize and secure critical mineral supply chains, energy is no longer just a commodity—it's a competitive weapon, a diplomatic lever, and a source of national vulnerability.

This transition is not linear. It's turbulent, asymmetric, and highly political. From lithium wars to hydrogen diplomacy, CEOs and institutional leaders must now treat energy not just as an operational cost—but as a domain of strategic foresight. Understanding the evolving energy map is key to anticipating regulation, redirecting investment, mitigating risk, and seizing the future.

#### **Strategic Content Pillars**

**Technological Shifts:** Advances in renewables (solar, wind, hydrogen, advanced nuclear), storage, and grid technologies.

**Critical Minerals & Supply Chains:** The geopolitics of minerals (lithium, cobalt, rare earths) essential for clean energy technologies 12.

**Geopolitical Realignment:** Shifting alliances, regional rivalries, and the emergence of new energy superpowers345.

**Energy Security & Vulnerabilities:** Risks from supply chain disruptions, cyber threats, and grid instability.

**Investment & Industrial Policy:** National strategies, subsidies, and the global race for green technology leadership36.

**Climate Diplomacy & Regulation:** International agreements, carbon markets, and regulatory frameworks.

#### **Strategic Impact**

- Redraws Global Power Structures: The decline of oil dominance and the rise of critical minerals are shifting which nations, regions, and alliances will lead the next energy era.
- Creates Winners and Losers Across Industries: From automakers to utilities to data centers, those who adapt to supply volatility, price signals, and green incentives will thrive. Others will collapse.
- Accelerates Industrial Policy Competition: The U.S., EU, China, and others are racing to dominate clean tech manufacturing.
   Understanding industrial policy is now critical to business planning.
- Links Energy to Security & Sovereignty: Grid cybersecurity, energy independence, and resource nationalism are no longer secondary issues—they are board-level priorities.
- Shapes ESG, Compliance, and Reputational Risk: Energy sourcing, human rights in mining, and net-zero commitments now directly affect brand legitimacy and capital access.

#### **Key Principles for Research**

- Energy is Geopolitical Again Clean energy isn't post-political it's re-politicizing the map. The rise of new energy superpowers (e.g., Chile, Morocco, Australia) is disrupting traditional hierarchies.
- Minerals are the New Oil
   Control over lithium, cobalt, and rare earths is becoming as important as oil once was—only more dispersed and more ethically fraught.
- Infrastructure is Power
  Whoever controls the grid, the storage, and the industrial processing of green tech will control the next century's energy flows.
- Speed is a Risk Multiplier
  The faster the transition, the more critical the governance gaps.
  Rushed buildouts without regulatory foresight create cascading vulnerabilities.
- Innovation Doesn't Equal Resilience

Hydrogen, SMRs, AI-managed grids—new technologies promise gains but introduce new threats. Scenario planning is essential.

#### No Transition Without Cooperation

Even in an age of fragmentation, cross-border cooperation on emissions, markets, and infrastructure remains nonnegotiable.

 The Energy Transition Is Uneven by Design

Leaders must monitor who's leading, lagging, and resisting. The future won't be decarbonized all at once—and timing will define opportunity.



## 3. Politics, Power, and Governance

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Politics no longer exists in a separate lane from business, security, or markets—it is now a defining force across all domains. The erosion of institutional trust, rise of populism, fragmentation of governance, and volatility in leadership are reshaping how decisions are made, policies are enforced, and legitimacy is earned. In this new landscape, regulatory shocks, contested elections, and crisis-driven power shifts are not exceptions—they are recurring features of the operating environment.

For CEOs, investors, and strategists, navigating politics is no longer optional. It's central to operational continuity, capital allocation, and reputational defense. Whether you're entering a new market, responding to policy change, or interpreting global instability, political intelligence is strategic intelligence.

#### **Strategic Content Pillars**

**Political Risk & Instability:** Drivers of instability, hotspots, and risk mitigation strategies.

Governance & Institutional Resilience: Strengthening institutions, transparency, anti-corruption, and accountability.

**Elections, Leadership, & Policy Shifts:** Impacts of leadership changes, contested elections, and shifting political agendas.

**Polarization & Social Cohesion:** Effects of populism, polarization, and legitimacy crises on governance and society.

**Global Governance & Multilateralism:** Effectiveness of international institutions, treaty frameworks, and collective action.

**Influence Operations & Power Dynamics:** Strategies for influence, soft power, and adaptation to changing power structures.

#### **Strategic Impact**

- Reframes Risk Across All Sectors: Political instability now shapes everything from regulatory policy and supply chains to capital flows and M&A timing.
- Elevates Governance as Competitive Advantage: Organizations and nations that build resilient, transparent institutions will better withstand crises and attract capital and talent.
- Influences Market Behavior and Investment Windows: Election cycles, populist policies, and legal shifts can alter market dynamics overnight.
- Challenges Leadership Legitimacy and Social License to Operate: Polarization, social unrest, and misinformation can undermine authority and derail long-term planning if unaddressed.
- Shifts the Role of Influence and Power Projection: Traditional diplomacy is giving way to new tools of soft power, influence operations, and private sector geopolitics.

#### **Key Principles for Research**

- Politics is Now a Primary Risk Vector

Leaders must treat political change as a core strategic input—not a downstream externality.

- Institutional Resilience is Capital Defense

The strength, adaptability, and legitimacy of institutions determines how well any system can weather shocks.

- Leadership Transitions Are Structural Shocks

Every major election or regime change can mean a wholesale shift in policy, market access, and regulatory landscape.

- Power is Shifting—Not Just Who Holds It, But How It's

Exercised

From centralized bureaucracies to networked movements and digital influence, power is more fluid and more contested.

- Governance is a Strategic Arena

Engagement with governments, civil society, and multilateral institutions is now a key determinant of strategic resilience.

 Social Cohesion is a Hidden Asset (or Liability)

Polarized societies are harder to govern, invest in, and grow within. Social trust should be viewed as a measurable input to long-term stability.

 Scenario Thinking is a CEO Imperative

Political futures can diverge fast. Smart leaders prepare for uncertainty, not just predict it.



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## 4. Artificial Intelligence — Autonomy, Alignment, and Control

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

AI is no longer just a back-office tool—it's a force multiplier for decision-making, automation, and even influence. As autonomous systems become more powerful, faster, and less reliant on human input, the risks and rewards scale exponentially. The question is no longer whether AI will disrupt markets, governance, and security—but how fast, and under what terms of control.

If alignment fails, systems may act unpredictably. If governance lags, competitive advantage may shift to bad actors. If leadership is reactive, institutions will struggle to adapt. Understanding autonomy, alignment, and control is now essential to corporate resilience, strategic foresight, and global competitiveness.

#### **Strategic Content Pillars**

**Breakthroughs & Frontiers:** Advances in autonomous AI, self-improving systems, and foundational models.

**Societal & Ethical Impacts:** Human oversight, systemic bias, fairness, and societal adaptation.

**Security & Weaponization:** AI in cyber operations, autonomous weapons, and information warfare.

Markets & Economic Disruption: Job displacement, productivity, and new business models.

**Governance & Regulation:** Global standards, policy frameworks, and alignment strategies.

**Visionary Futures:** Scenarios, long-term risks, and alignment research.

#### **Strategic Impact**

- Alters the Competitive Landscape Across Industries: Autonomous systems are redefining cost structures, labor markets, product development, and customer interaction in real time.
- Exposes Organizations to New Forms of Risk: From bias in decision-making to cyber escalation and dual-use concerns, unaligned AI creates liability and security threats.
- Redefines Global Power and Strategic Influence: Nations and companies that master AI governance, talent acquisition, and deployment will shape future rules of competition and cooperation.
- Demands Leadership on Ethics and Responsibility: CEOs, boards, and governments must make critical choices on transparency, control structures, and long-term alignment—without complete information.
- Enables (or Undermines) Institutional Trust: Misuse or failure of AI systems damages reputations, triggers regulation, and erodes user trust at systemic levels.

#### **Key Principles for Research**

- Autonomy Without Alignment is a Strategic Liability
  - As AI systems make increasingly complex decisions, ensuring their goals remain in sync with human values is mission-critical.
- Control is a Governance Challenge, Not Just a Technical One
  - Aligning advanced AI requires global standards, cross-sector collaboration, and new institutions —not just better code.
- Security is No Longer Just Human vs. Human
  - AI is reshaping the offense—defense balance in cyber operations, intelligence, and autonomous conflict.
- Markets Will Favor Those Who Understand the Inflection Points
  - Early recognition of "breakout" moments in AI capability can define entire sectors and generate long-term asymmetries.
- Social Impact is Core to Long-Term Value Creation
  - Companies ignoring fairness, explainability, and workforce transitions risk backlash, regulation, and talent flight.
- Foresight is Not a Luxury—It's a Survival Tool

Scenario planning, superalignment research, and governance innovation must be embedded at the board level, not deferred to technologists.

## 5. Geopolitics, Conflict, and War

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

The post-Cold War order is giving way to a fragmented, multipolar world marked by contested norms, resurgent great power competition, and increasingly blurred lines between peace and conflict. From proxy wars to economic coercion and cyberattacks, conflict has become more complex, more pervasive, and harder to attribute.

For leaders, this isn't just foreign policy—it's operational risk. Supply chains, markets, investments, and public trust are now vulnerable to conflict escalation, geopolitical shocks, and hybrid threats. Understanding today's evolving war-fighting domains and power dynamics is essential to safeguarding institutional resilience, strategic assets, and global competitiveness.

#### **Strategic Content Pillars**

**Great Power Competition:** Shifting alliances, regional rivalries, and global flashpoints.

**Hybrid and Asymmetric Warfare:** Cyber, information, economic, and proxy conflicts.

**Military Innovation & Arms Races:** Emerging technologies, doctrine shifts, and defense investments.

**Resource Competition & Economic Warfare:** Energy, minerals, trade routes, and sanctions as instruments of power.

**International Governance & Law:** Erosion of norms, treaty breakdowns, and crisis diplomacy.

**Conflict Escalation & Crisis Management:** Early warning, scenario planning, and escalation control.

#### **Strategic Impact**

- Rewrites Global Rules of Engagement: Traditional deterrence models are breaking down as actors exploit grey zones (cyber, economic, information) to exert power without crossing kinetic thresholds.
- Exposes Organizations to Systemic Risk: Geopolitical instability affects everything from commodity prices and energy access to regulatory environments and corporate reputation.
- Accelerates Technological Arms Races: AI, drones, hypersonics, and cyberweapons are redefining the speed, scale, and nature of conflict —requiring new frameworks for resilience and response.
- Challenges International Law and Governance: Treaty breakdowns, institutional gridlock, and normative erosion make crisis diplomacy more fragile and unpredictable.
- Demands Executive-Level War Gaming and Scenario Planning: The future of risk management lies in geopolitical foresight, early warning systems, and preparedness for cascading disruptions.

#### **Key Principles for Research**

Geopolitics is No Longer a Peripheral Concern

Political risk now directly shapes markets, operations, and innovation strategies.

 Hybrid Warfare is the New Normal

Organizations must prepare for blended threats: disinformation, cyberattacks, economic pressure, and proxy instability.

- Power is Fragmented, Not Fading

New regional powers, coalitions, and non-state actors are reshaping influence networks and deterrence models.

- Resilience Beats Prediction
  In an era of unpredictable
  escalation, building adaptive
  capacity and cross-sector alliances
  is a strategic imperative.
- Conflict Moves at Machine Speed

AI-enabled surveillance, weapons, and deception tactics compress decision windows—necessitating automation, training, and delegation protocols.

Governance Must Catch Up
 Diplomatic agility, regulatory
 reform, and multilateral
 collaboration will determine who
 shapes—and who reacts to—new
 security realities.



## 6. The Race for Longevity and Human Enhancement

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Human enhancement and the pursuit of longevity are no longer fringe science—they're an emerging economic, political, and moral frontier. Advances in gene therapy, cellular reprogramming, neurotech, and AI-driven drug discovery are redefining healthspan and lifespan expectations.

For decision-makers, this is not just about medicine. It's about how longer, enhanced lives reshape labor markets, retirement models, national strategies, and even geopolitical advantage. The coming decade may witness not only life extension—but a strategic race for who controls its benefits.

#### **Strategic Content Pillars**

**Breakthroughs & Frontiers:** Latest scientific advances, clinical trials, and emerging technologies (e.g., gene editing, regenerative medicine). **Societal & Ethical Impacts:** Equity of access, demographic shifts, workforce implications, and ethical dilemmas.

**Geopolitics & Power:** National strategies, global competition, and biosecurity risks.

Markets & Investment: Industry trends, startups, funding, and commercialization.

**Risks & Regulation:** Safety, oversight, dual-use concerns, and evolving policy landscapes.

**Visionary Futures:** Scenarios, speculative insights, and long-term implications.

#### **Strategic Impact**

- Rewrites Healthcare and Financial Models: Pension systems, insurance, retirement planning, and workforce participation are all destabilized by radical life extension.
- Accelerates a Global Biotech Arms Race: Longevity technologies are fast becoming national priorities—spurring investment, espionage, and dual-use security risks.
- Triggers Moral and Regulatory Dilemmas: Who gets access? What are the unintended consequences of cognitive or physical enhancement? Governments and industries must prepare for regulatory gaps and public backlash.
- Redefines Productivity and Human Capital: If people can live to 120 with 90 healthy years, then education, employment, and social contracts must adapt to multi-stage lives.
- Creates Generational Inequity or Opportunity: Markets may boom or fracture depending on how longevity's benefits—and burdens are distributed.

#### **Key Principles for Research**

#### - "Healthspan" Is the New GDP Driver

Nations that extend healthy working years will unlock major economic advantages.

#### - Enhancement Is Inevitable— Equity Is Not

Without frameworks for ethical access and governance, breakthroughs risk exacerbating inequality.

#### - Markets Will Be Built Around Age Redefined

From education to luxury, every sector will recalibrate around 60 no longer being "old."

## - National Security Now Includes Biosecurity

Gene editing, enhancement tech, and neurointerfaces have become dual-use frontiers.

#### - Scenario Thinking Must Expand Beyond Healthcare

Organizations must forecast what 120-year lives mean for leadership, succession, and customer lifecycles.

#### - Regulation Must Balance Innovation and Trust

Overreach risks stifling breakthroughs; under-regulation risks existential missteps. The middle path must be built now.



## 7. Existential Risk and the Survival Horizon

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Humanity now possesses the tools to self-destruct—whether through nuclear war, runaway AI, engineered pandemics, or irreversible ecological collapse.

Existential risks are low-probability but high-impact events that could permanently curtail human potential or end civilization entirely. These risks are often transboundary, compounding, and poorly understood—falling outside traditional governance, risk management, and political cycles.

Without a shared framework for assessing and addressing existential threats, global coordination falters in the face of cascading crises. Cultivating foresight, institutional readiness, and ethical responsibility is vital to safeguard the long-term future of humanity.

#### **Strategic Content Pillars**

**Catastrophic Technologies:** Nuclear weapons, unaligned AI, synthetic biology, and climate engineering.

**Cascading Systems Failure:** How interlinked infrastructure and global interdependence amplify fragility.

**Institutional Blind Spots:** Why existential threats evade traditional governance, oversight, and budgeting.

**Ethics of Future Generations:** Philosophical and practical frameworks for valuing long-term human survival.

**Risk Forecasting and Modeling:** New tools and approaches to quantify and prioritize existential threats.

Case Studies in Close Calls: Historical incidents, mitigation strategies, and what near-catastrophes can teach us.

#### **Strategic Impact**

- Foresight as Infrastructure: Embedding long-term thinking into science, policy, and innovation systems to anticipate catastrophic risk.
- Global Governance Gaps: Existential risks often lack effective oversight due to fragmented or outdated international institutions.
- Scientific Responsibility: Scientists and technologists play a pivotal role in identifying, communicating, and mitigating existential threats
- Moral Imperative: Protecting future generations requires collective ethical action, transcending short-term economic or political interests
- Resilience at Scale: Societies need systems capable of withstanding or avoiding collapse—through redundancy, cooperation, and adaptability.

#### **Key Principles for Research**

## - Anticipate What the System Can't See

Existential threats often operate at the edge of perception—beyond budget cycles, regulatory frameworks, or media attention. Cultivate a culture of preemptive awareness.

#### - Prevention Is Cheaper Than Recovery

By definition, existential catastrophes allow for no second chances. Risk mitigation—however costly—is always more efficient than rebuilding what's lost.

# Risk Is Systemic, Not Isolated Cascading failures—from power grids to food systems to geopolitics —amplify each other. Content must reflect the interconnected nature of vulnerability.

#### - Frame Long-Term Thinking as Strategic Advantage

Institutions that plan for deep futures will be more stable, trusted, and resilient in the short term as well.

## - Embed Moral Imagination into Strategic Decisions

This is not just about survival, but about preserving the conditions for human flourishing—requiring values-based leadership that looks beyond self-interest.

## 8. Information Integrity and Cognitive Security

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

We live in an age where truth is under siege. Deepfakes, synthetic media, algorithmic manipulation, and information warfare are not future threats—they are shaping decisions today, from elections and markets to public health and national security. Cognitive security is no longer a niche issue. It's a frontline concern for governments, corporations, and civil society, as malicious actors exploit fragmented media ecosystems, overwhelmed institutions, and the biological limits of human attention. Without a deliberate response, we risk entering a post-truth world—where trust collapses, polarization deepens, and democratic institutions lose legitimacy.

#### **Strategic Content Pillars**

**Threat Landscape:** Evolution of disinformation, deepfakes, and psychological operations.

**Detection & Attribution:** Advances in synthetic media detection, forensic tools, and source tracing.

**Societal Impacts:** Effects on elections, public health, crisis response, and social cohesion.

**Resilience & Education:** Building public awareness, digital literacy, and societal resilience.

**Policy & Governance:** Regulatory frameworks, cross-sectoral collaboration, and global standards.

**Technological Solutions:** AI-driven content authentication, watermarking, and rapid response systems.

#### Strategic Impact

- Frames Cognitive Security as Infrastructure, Not Just Policy Information integrity must be treated like cybersecurity: a strategic, permanent capability across sectors.
- Protects Strategic Decision-Making in Crisis
   From pandemics to elections, distorted information cripples effective leadership. This theme arms decision-makers with tools to spot, filter, and respond to emerging threats.
- Bridges Technology, Policy, and Education
   The roadmap unites technical detection, governance solutions, and public resilience, creating a multi-layered defense model.
- Guides Investment in AI and Trust Technologies
  As synthetic media proliferates, the business case for detection,
  authentication, and provenance tech grows—especially for sectors
  like media, law, finance, and defense.
- Rebuilds Social Trust as a Strategic Asset
  By exposing risks and highlighting effective responses, the content
  pipeline helps leaders restore trust—in institutions, facts, and each
  other.

#### **Key Principles for Research**

- Detection Alone Isn't Enough
  You can't just play whack-a-mole
  with disinformation. You need early
  warning systems, education, and
  public inoculation against
  manipulation.
- Integrity Is a Multi-Sector Responsibility

Governments can't solve this alone. Platforms, educators, publishers, and technologists must collaborate on shared standards and rapid response protocols.

- Build for Adversarial Environments

Assume constant attack. Design resilient information ecosystems that can survive coordinated, multivector disinformation campaigns.

- Balance Speed, Accuracy, and Ethics

In a crisis, acting fast is crucial—but so is being right and respecting civil liberties. Strategy must weigh effectiveness against overreach.

- Reframe Trust as a Competitive Advantage

Organizations that earn and preserve trust—through transparency, consistency, and credibility—will outperform in a chaotic information landscape.

## 9. Food, Water, Resource Security

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Resource security is the foundation of societal stability—without reliable access to food and water, no economy, political system, or population can endure. Yet, in today's world: Climate volatility, population pressures, and geopolitical fragmentation are straining already fragile systems. Supply chains are increasingly weaponized—as seen in fertilizer, grain, and water disputes—making basic resources a flashpoint for power, not just trade. Scarcity drives conflict, migration, and social unrest, destabilizing entire regions and testing international systems. Innovation offers solutions—but only if governance keeps pace and investment is channeled toward resilience, not short-term gain. Without coordinated action and informed foresight, resource insecurity may define the next era of global crisis.

#### **Strategic Content Pillars**

**Drivers of Scarcity:** Climate change, population growth, conflict, and economic fragmentation.

**Technological Solutions & Risks:** Precision agriculture, water desalination, biotech, and their vulnerabilities.

**Geopolitics & Competition:** Resource nationalism, trade wars, and global supply chain disruptions.

Migration & Instability: Food and water insecurity as drivers of displacement and conflict.

**Sustainable Resource Management:** Innovation in conservation, circular economy, and resilient infrastructure.

**Governance & Policy:** International cooperation, regulation, and crisis response frameworks.

#### **Strategic Impact**

- Reframes Resource Security as Geostrategic Priority. Food and water are not just humanitarian concerns—they are core to national security, risk management, and economic continuity.
- Informs Long-Term Planning for Climate Adaptation. This content helps decision-makers move beyond emergency response to structural investment in resilient systems and diversified supply chains.
- Guides Corporate Strategy in AgTech, Energy, and Infrastructure
   Tracks technological breakthroughs, policy shifts, and market
   dynamics—critical for businesses exposed to climate, supply chain,
   or ESG risks.
- Bridges Siloes Between Sectors. By integrating technology, policy, economics, and humanitarian dimensions, the roadmap connects diverse stakeholders—from investors to engineers to international NGOs.
- Prepares for Future Disruption
   Scenario thinking and early warning tools help leadership anticipate the next resource-driven crisis, not react once it arrives.

#### **Key Principles for Research**

- Scarcity Is a Political, Not Just Technical, Problem
  - Solving water or food shortages is as much about power and governance as about innovation.
- No Region Is Immune to Resource Shocks

From drought in California to fertilizer shortages in Africa, vulnerabilities are global and growing—even in traditionally resource-rich nations.

- Technology Is a Tool, Not a Fix-All
  - Biotech, desalination, and AI forecasting offer promise—but without equity, maintenance, and trust, they can deepen disparities.
- Invest in Local Resilience and Global Cooperation

Decentralized systems (urban farming, local water harvesting) must be paired with international agreements and cross-border cooperation.

- Map Cascading Risks Across Sectors

Resource shocks rarely stay isolated —they can cascade into economic instability, migration crises, and political unrest.

## 10. Lawfare and Legal Power

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Law is not just a set of rules—it is the invisible architecture of power, order, and legitimacy. In a fragmented, fast-changing world: Emerging technologies (AI, gene editing, digital currencies) are outpacing legacy legal systems, creating gray zones in innovation, risk, and accountability. Rule of law is under siege, with authoritarian regimes weaponizing legal systems to suppress dissent or legitimize control—a direct threat to democracy and rights. Global crises—from pandemics to cyberattacks—demand legal frameworks that are fast, fair, and flexible, yet many are brittle, outdated, or politicized. The future of justice, governance, and economic opportunity hinges on whether law keeps pace with disruption—or becomes a source of it.

#### **Strategic Content Pillars**

**Operationalizing Security and Rights:** Law determines the boundaries of surveillance, privacy, and state power, influencing how societies balance security with civil liberties.

**Enabling or Constraining Innovation:** Legal frameworks shape the pace and direction of technological and business innovation—regulating AI, data, biotech, and digital assets.

**Global Competition and Cooperation:** Diverging legal systems and regulatory standards can create friction in trade, investment, and diplomacy, while harmonization can unlock new opportunities.

**Resilience to Disruption:** Adaptive legal systems are critical for crisis management, from pandemics to cyberattacks, ensuring continuity, accountability, and trust.

**Justice, Equity, and Social Cohesion:** The evolution of law shapes access to justice, social mobility, and the protection of vulnerable groups, influencing societal stability and legitimacy.

#### **Strategic Impact**

- Empowers Leaders to Navigate Legal Volatility. Offers decisionmakers foresight on regulatory bottlenecks, flashpoints, and legal innovation across domains like AI, biotech, and digital markets.
- Surfaces Legal Risk as Strategic Risk. Reframes law not just as compliance, but as a core driver of innovation, investment climate, and geopolitical tension.
- Connects Justice to Social and Political Resilience. Tracks how access to justice, legitimacy of courts, and legal equity influence public trust, institutional strength, and social cohesion.
- Enables Scenario Planning for Legal Futures. Supports long-range thinking on how emergency powers, algorithmic law, or legal fragmentation could alter governance and corporate strategy.
- Bridges Policy, Ethics, and Innovation
   Aligns technology, governance, and justice into a coherent lens—
   essential for leaders managing complexity in volatile environments.

#### **Key Principles for Research**

 Law Shapes Power—Not Just Procedure

Legal systems either protect rights or consolidate control. Understanding this dynamic is key to assessing geopolitical and societal risk.

- Innovation Without Legal
   Foresight Breeds Instability
   Legal clarity and adaptability are as critical to innovation as capital or code.
- Global Fragmentation Is a Legal Challenge

Diverging legal regimes—on AI, privacy, trade, or digital currencies—can hamper cooperation, escalate tensions, or fragment the global system.

- Equity Is Not Optional
  Legal systems that fail to deliver
  justice deepen inequality, unrest,
  and institutional erosion—
  undermining long-term stability.
- Law Is a Strategic Lever
  For governments, companies, and
  civil society alike, legal frameworks
  are tools to shape the future—not
  just manage the present.



## 11. Resilient Societies: Navigating Polycrisis

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

We no longer face single, isolated disasters. Instead, societies are being hit by overlapping, interconnected shocks—what scholars call polycrisis. Climate change, pandemics, cyber threats, geopolitical instability, and economic fragmentation are now interacting in unpredictable ways, overwhelming systems that were designed for simpler times. Polycrises magnify vulnerabilities—what might be manageable alone becomes destabilizing in combination.

Traditional crisis management is reactive and siloed. Without systems-level thinking, governments and organizations risk being caught unprepared. The resilience gap is growing: infrastructure, governance, and social cohesion are under simultaneous strain.

Adaptive capacity—not efficiency—is becoming the defining trait of future-ready societies. Understanding and anticipating polycrisis is no longer optional—it's central to governance, investment, urban planning, and national security.

#### **Strategic Content Pillars**

**Understanding Polycrisis:** Definitions, historical emergence, and real-world examples of interconnected crises.

**Societal Resilience:** Mechanisms for building resilience—redundancy, diversity, adaptability, and collective action.

**Crisis Management & Governance:** Strategies for cross-sectoral coordination, early detection, and agile response.

**Infrastructure & Supply Chains:** Strengthening critical systems against cascading failures and shocks.

**Public Trust & Social Cohesion:** The role of communication, leadership, and mental health in crisis adaptation.

**Scenario Planning & Foresight:** Predictive analytics, scenario development, and anticipatory governance.

#### **Strategic Impact**

- Reframes Crisis as Complex Systems Failure. Helps leaders recognize that shocks are not linear or localized—they cascade across sectors and borders.
- Enables Investment in Adaptation, Not Just Recovery. Shifts the focus from bouncing back to bouncing forward—investing in redundancy, flexibility, and diversity before disruption hits.
- Bridges Risk Management and Strategic Foresight
   Aligns early-warning tools, predictive analytics, and scenario
   planning into a coherent resilience strategy.
- Integrates Mental Health and Public Trust. Recognizes that social cohesion, trust, and communication are not soft issues—they're core resilience assets.
- Informs Cross-Sectoral Coordination. Equips decision-makers with strategies for whole-of-society responses, connecting urban resilience, policy, infrastructure, and civil society.

#### **Key Principles for Research**

- Interdependence Amplifies Risk
  - Resilience requires understanding how failures in one domain (e.g., energy) can cascade across food, finance, health, and governance.
- Redundancy and Diversity Are Strengths—Not Inefficiencies
   Optimization is fragile. Backups, buffers, and modularity enable societies to absorb shocks without systemic collapse.
- Foresight Is a Core Competency

Investing in predictive tools, stress tests, and scenario planning prepares institutions for complexity —not just probability.

- Resilience Is a Social Contract Trust, inclusion, and community agency are as important as infrastructure. People are not just victims—they're first responders.
- Governance Must Be Adaptive
  Future-ready leadership demands
  distributed decision-making,
  flexible institutions, and iterative
  policies that evolve with new risks.

## 12. Urbanization, Smart Cities, and Societal Control

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

As cities become smarter, they are also becoming more surveilled, more digitized, and more contested. The integration of AI, sensors, and real-time data flows into urban life offers powerful tools for efficiency, sustainability, and governance—but also creates new risks for privacy, autonomy, and democratic accountability. Urban data is power: Whoever controls the sensors, platforms, and algorithms increasingly shapes the social and political fabric of cities. Surveillance is no longer covert: It is embedded in the architecture of daily life-public transport, traffic systems, waste management, and policing. Cybersecurity vulnerabilities in hyper-connected infrastructures can paralyze critical urban functions. Without ethical, transparent governance, smart cities risk becoming infrastructures of control, rather than enablers of inclusion and progress. In short: the future of freedom, fairness, and resilience in urban spaces will be shaped by the rules we build now around data, power, and participation.

#### **Strategic Content Pillars**

**Urban Data Ecosystems:** Collection, ownership, and governance of urban data from sensors, IoT, and AI systems.

**Privacy & Surveillance:** Balancing efficiency with individual rights, consent, and protection against mass surveillance.

**Cybersecurity & Resilience:** Securing interconnected infrastructures and managing vulnerabilities.

**Ethics & Equity:** Addressing bias, digital divides, and the societal impact of smart city technologies.

**Regulation & Governance:** Policy frameworks, data protection laws, and international standards.

**Public Engagement & Trust:** Transparency, citizen participation, and building trust in smart city initiatives.

#### **Strategic Impact**

- Urban Data Sovereignty: Raises urgent questions about who owns, governs, and monetizes urban data—governments, tech firms, or citizens?
- Resilience vs. Risk: While smart infrastructure can enhance crisis response and adaptive capacity, it also increases attack surfaces for cybercrime and systemic failure.
- Ethical Urbanism: Ensures smart cities reflect human-centered values—prioritizing equity, transparency, and consent rather than top-down control.
- Regulatory Innovation: Demands new legal and governance models that evolve as fast as the technologies they are meant to regulate.
- Trust as Infrastructure: Shows that long-term adoption and success of smart urban systems rely on public trust, civic dialogue, and participatory oversight.

#### **Key Principles for Research**

- Privacy Is a Right, Not a Feature

Systems must be designed with privacy-by-default, not retrofitted once harm is done.

 Tech Must Serve Citizens, Not Control Them

Smart cities should empower individuals and communities—not just optimize logistics for centralized authorities.

- Resilience Requires Cybersecurity First

Interconnected systems are only as strong as their weakest link; security architecture must be embedded from the outset.

- Transparency Builds Legitimacy

> Public understanding and oversight of data practices, surveillance, and AI systems are essential to prevent function creep and abuses of power.

 Digital Equity Is a Foundational Standard

Smart urban futures must close not widen—the digital divide. Access, representation, and inclusivity should guide infrastructure planning.

- Collaborative Governance Is Non-Negotiable

Cross-sector partnerships and meaningful citizen participation are essential to prevent capture by either the state or private actors.

## 13. Poverty and Hunger in a Changing World

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Despite decades of progress, over 700 million people still live in extreme poverty, and more than 800 million go to bed hungry—and both numbers are at risk of rising due to climate shocks, global conflict, and economic disruption. Poverty and hunger are not just humanitarian concerns—they are systemic threats to global stability, health, and development. These issues are deeply interlinked with education, gender equality, governance, and climate resilience. As new risks emerge (climate-driven displacement, AI-led job loss, global inflation), so too must our approaches evolve beyond aid to long-term, structural transformation. In short: eradicating poverty and hunger is the foundation for sustainable development, resilient societies, and geopolitical stability.

#### **Strategic Content Pillars**

**Root Causes & Systemic Drivers:** Structural inequality, unemployment, education, health, and conflict.

**Food Security & Nutrition:** Access, affordability, malnutrition, and the impact of climate change on food systems.

**Economic Inclusion & Livelihoods:** Pathways out of poverty, microfinance, social protection, and inclusive growth.

**Urban & Rural Dynamics:** Differences and connections between rural hunger/poverty and urban deprivation.

**Policy & Governance:** National and international frameworks, SDGs, and the role of institutions.

**Innovation & Solutions:** Technology, social enterprise, and community-driven approaches.

#### **Strategic Impact**

- Economic Transformation: Investing in livelihoods, inclusion, and resilience creates positive spillovers across education, health, and productivity.
- Food Systems Innovation: Modernizing agriculture and distribution can dramatically reduce malnutrition, especially in the face of climate change.
- Policy as Leverage: Well-designed social protection and fiscal policies can lift entire populations out of poverty.
- Digital and Local Innovation: From mobile money to decentralized community co-ops, locally driven solutions are outperforming many top-down models.
- Crisis Resilience: Ending hunger and poverty reduces vulnerability to shocks (pandemics, climate events, war) and builds adaptive capacity in fragile regions.

#### **Key Principles for Research**

 Tackle Root Causes, Not Symptoms

Poverty is not just lack of income it's exclusion, injustice, and vulnerability embedded in systems.

- Invest in People, Not Just Programs

Health, education, and dignity must be part of any real solution. Human capital is the multiplier.

- Drive Inclusion Through Innovation

Tech-enabled financial access, agtech, and supply chain platforms are essential—but only if they reach the underserved.

- Build for Resilience
  Shocks are inevitable. Societies that
  build social safety nets and food
  sovereignty now will withstand
  future crises better.
- Shift From Aid to Agency
  Empower communities to lead, not
  just receive. Ownership creates
  sustainability.
- Measure What Matters
   Go beyond GDP and calorie counts
   —track wellbeing, equity, and
   system-level shifts.
- Think Globally, Act Locally Global frameworks matter, but implementation must be contextspecific, community-driven, and culturally embedded.



## 14. Oceans: The Planet's Critical Frontier

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Oceans are the Earth's life-support system, regulating climate, supporting biodiversity, and sustaining the livelihoods of over 3 billion people. Yet, they are under growing threat:

Pollution, overfishing, climate change, and geopolitical competition are pushing marine ecosystems toward collapse. Oceans play a critical role in carbon absorption and climate regulation, yet warming and acidification are diminishing their capacity. As nations look to the ocean for food, energy, trade, and minerals, governance gaps and technological acceleration create both risk and opportunity. Protecting and leveraging the oceans is no longer optional—it's foundational to global stability, food security, and economic resilience.

#### **Strategic Content Pillars**

Ocean Health & Biodiversity: Marine ecosystems, species loss, pollution, and restoration.

**Blue Economy & Innovation:** Sustainable fisheries, aquaculture, renewable energy, shipping, and tourism.

**Climate Change & Oceans:** Carbon sequestration, acidification, warming, and resilience strategies.

**Resource Competition & Security:** Geopolitics of fisheries, seabed mining, shipping lanes, and maritime security.

**Governance & International Cooperation:** Treaties, law of the sea, regional agreements, and governance gaps.

**Coastal Communities & Adaptation:** Vulnerability, resilience, and adaptation strategies for coastal populations.

Case Studies & Lessons Learned: Successes, failures, and inflection points in ocean management.

#### **Strategic Impact**

- Global Trade and Security: Oceans are the arteries of global commerce; securing maritime routes and chokepoints is essential for economic continuity.
- Climate Resilience: Oceans can be a powerful climate ally through carbon sinks, restoration, and blue carbon projects—but only if protected.
- Sustainable Growth: The blue economy offers massive potential in aquaculture, shipping innovation, tourism, and offshore renewables —if it avoids ecological harm.
- Geopolitical Stability: Disputes over seabed mining, fisheries, and maritime boundaries are escalating. Strategic cooperation is urgent.
- Biodiversity and Human Livelihoods: From coral reefs to deep sea species, marine life underpins food chains, medicine, and the survival of coastal communities.

#### **Key Principles for Research**

- Treat Oceans as Strategic Infrastructure
  - Oceans aren't just ecosystems—they are critical infrastructure for planetary life and global order.
- Balance Use with Protection
  A thriving blue economy requires a
  thriving ocean—regeneration must
  match or exceed extraction.
- Close the Governance Gaps
   Strengthen and modernize
   international treaties, regional
   agreements, and enforcement
   mechanisms.
- Invest in Ocean Intelligence
  Accelerate data collection,
  monitoring tech, and ocean science
  funding for evidence-based action.
- Include Coastal and Indigenous Communities
   They are often the first affected and the best stewards—their inclusion is both just and strategic.
- Prepare for Ocean Disruption
   Scenario planning for conflict,
   disaster, and opportunity in ocean governance is no longer
   hypothetical—it's necessary.



## 15. Space as a Strategic and Economic Frontier

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

Space is no longer a distant domain—it is rapidly becoming an operational theater for economic growth, national security, and geopolitical influence. The rise of commercial space ventures, from mega-constellations to lunar mining pilots, is reshaping global industries. Meanwhile, the militarization of space—with anti-satellite weapons, surveillance platforms, and dual-use technologies—is creating a new arena for strategic rivalry. Existing treaties and regulatory systems are outdated or insufficient, and the risk of debrisrelated catastrophe is rising. In the absence of clear governance and sustainable norms, space could become both the next economic engine and the next flashpoint of conflict.

#### **Strategic Content Pillars**

**Commercialization & New Markets:** Satellite mega-constellations, space tourism, resource extraction, and private sector innovation.

**Militarization & Security:** Anti-satellite weapons, space-based surveillance, and defense postures.

Governance & Law: International treaties, space traffic management, and regulatory gaps.

**Space Debris & Sustainability:** Risks from congestion, debris mitigation, and long-term sustainability.

**Technological Innovation:** Advances in launch systems, propulsion, in-orbit servicing, and situational awareness.

**Geopolitics & Competition:** New entrants, alliances, and the race for strategic advantage.

Case Studies & Lessons Learned: Analysis of major incidents, commercial successes, and security crises.

#### **Strategic Impact**

- Economic Opportunity: The global space economy is projected to surpass \$1 trillion by 2040, spanning satellite services, space tourism, energy, and in-orbit servicing.
- Security & Defense: Space systems underpin everything from military communications to GPS-guided weapons. Their disruption could paralyze nations.
- Geopolitical Balance: The space race now includes emerging nations and private actors. Those who shape orbital norms will shape global order
- Infrastructure Dependence: Modern life depends on space—from weather forecasts to financial transactions—creating critical vulnerabilities.
- Environmental Risk: Space debris and orbital congestion could render key orbits unusable for generations unless mitigated soon.

#### **Key Principles for Research**

- Dual-Use Awareness
   Recognize that every innovation in space—commercial or civil—has military implications. Governance must evolve accordingly.
- Sustainability is Strategy
  Without responsible debris
  mitigation and orbital stewardship,
  economic potential turns into
  systemic risk.
- Invest in Situational Intelligence

Nations and companies need realtime awareness of space assets, threats, and behaviors to protect operations and anticipate conflict.

- Shape the Norms Early
  Space governance is still fluid.
  Actors who define standards,
  treaties, and norms today will lead
  the next 50 years.
- Foster Strategic Alliances
  In a multi-polar space era,
  partnerships between states,
  industry, and institutions are
  essential for innovation, security,
  and trust.
- Anticipate the Inconceivable
   From orbital warfare to asteroid
   mining, scenario planning must
   cover black swan events and
   exponential shifts.

## 16. Rethinking Economic Growth

**CURRICULUM - BODY OF KNOWLEDGE** 

#### Why It Matters

The world is confronting the limits of traditional growth. Climate change, social inequality, biodiversity loss, and economic fragility have exposed the risks of chasing GDP as the sole benchmark of progress. As governments, companies, and communities face converging crises, the question is no longer "how to grow?" but "what should grow—and for whom?" Countries are exploring post-growth and wellbeing economies. Investors and executives are questioning short-termism and shareholder primacy. Citizens are demanding more equitable and sustainable models. Rethinking growth isn't academic—it's a strategic imperative for resilience, legitimacy, and long-term value creation.

#### **Strategic Content Pillars**

**Growth Drivers & Consequences:** Innovation, productivity, trade, and their social, environmental, and economic impacts.

**Alternative Metrics & Models:** Wellbeing economies, degrowth, postgrowth, and new indicators beyond GDP.

**Sustainability & Planetary Boundaries:** The relationship between growth, resource use, and ecological limits.

**Inequality & Inclusion:** How growth models affect social equity, distribution, and opportunity.

**Policy & Governance:** National and international frameworks, experiments, and debates on growth vs. wellbeing.

**Corporate Strategy & Finance:** Rethinking value creation, long-termism, and the role of markets.

#### **Strategic Impact**

- Economic Policy Reset: Growth-centered strategies are being reevaluated in light of ecological limits and inequality. New metrics like the Genuine Progress Indicator and SDG dashboards are influencing policy design.
- Corporate Transformation: Businesses are under pressure to align with ESG principles, long-term value, and stakeholder governance. This affects capital allocation, reporting standards, and strategic priorities.
- Social Cohesion: Growth without inclusion fuels polarization and fragility. Inclusive models reduce risk and build trust.
- Planetary Viability: Economic systems must now account for resource depletion, climate constraints, and biodiversity loss—or risk triggering cascading disruptions.
- Geopolitical Narrative: Competing visions of prosperity (e.g., China's "common prosperity," Europe's Green Deal, Bhutan's happiness index) are reshaping global influence and alliances.

#### **Key Principles for Research**

- Redefine Value
  - Move beyond GDP and quarterly earnings to recognize wellbeing, resilience, and environmental integrity as core to prosperity.
- **Design for Balance**Avoid the false trade-off between growth and sustainability. Focus instead on productive, inclusive, and regenerative economies.
- Adapt to Context
   One-size-fits-all growth models are obsolete. Tailor economic strategies to demographic, environmental, and social realities.
- Invest in Metrics That Matter
  What gets measured shapes what
  gets prioritized. Shift toward multidimensional indicators that reflect
  human and planetary health.
- Foster Strategic Dialogue
  Economic rethinking requires new
  coalitions—across sectors,
  ideologies, and generations—to
  define the next era of prosperity.
- Use Scenarios to Drive Readiness

From degrowth to "Green Reindustrialization," explore future pathways that challenge assumptions and prepare leaders for volatility.



#### **About**

Intelligencia IA is an independent, apolitical think tank dedicated to delivering rigorous analysis and structured thinking on the issues that matter most. We dig deep—across domains, frameworks, countries, sectors, and belief systems—to uncover the facts, figures, and underlying structures shaping our world. Our purpose is to equip decision makers and thinkers with the knowledge, context, and foresight needed to navigate complexity and prepare for the future.

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