

Source Graphic: Moshe Katz

By 2040, technology and the spaces we design will shape knowledge access.

From Russia's Internet restrictions to China's social credit system and Big Tech's control of digital spaces, we can see the beginning of how criminalizing knowledge influences changes in architectural design.

## **What if Knowledge Access Were a Crime by Class or Not? Space and Knowledge 2040**

Presented by Autonnette McLaughlin

### Title Slide

By 2040, technology and the spaces we design will shape knowledge access.

From Russia's internet restrictions to China's social credit system and Big Tech's control of digital spaces, we can see the beginning of how criminalizing knowledge influences changes in architectural design.

Our research reveals six futures showing challenges and opportunities for Gensler to lead in creating spaces that enable rather than restrict learning.

First, let's talk about class.

Thank you in advance for sharing how these speculative vignettes could impact society, especially regarding access for different groups.

## What is Classism?

According to Donna Haraway, classism is "*philosophers deciding what is considered knowledge by codifying cognitive canon law.*"

They decide the following:

- Who can access what type of knowledge?
- What forms of learning are permitted from different groups?
- How cognitive enhancements/AI tools can be used.

Today's philosophers are Big Tech, which includes Google, Facebook/Meta, Amazon, and X.



Source Photo: Jim Osman

Sources: Jeff Bezos, Elon Musk, Boris Sreubel, Mark Zuckerberg

### What is classism?

Class systems perpetuate inequality through stratification based on wealth, education, corporate power, and status creating economic disparities and institutional bias.

Class – Corporate Power

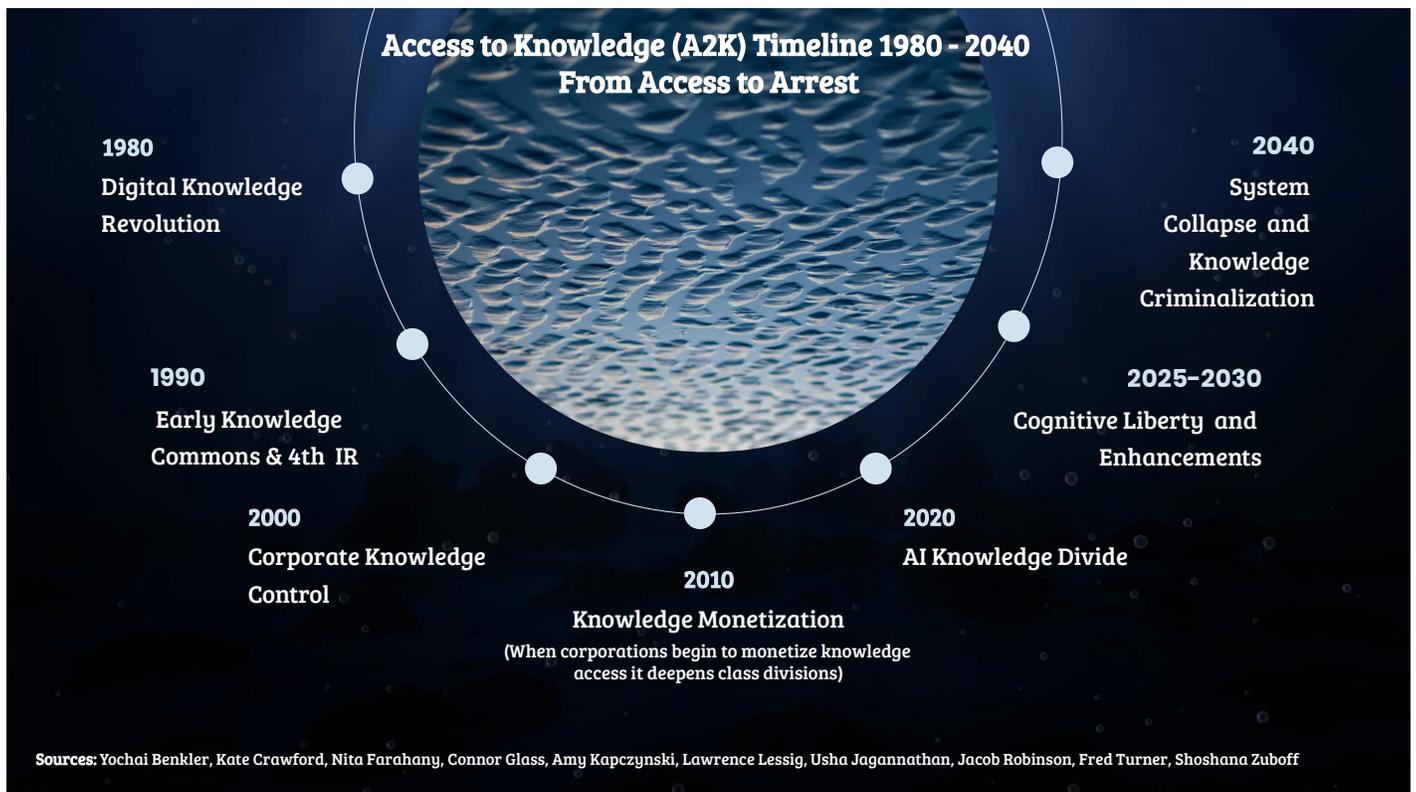
Caste – race/gender power

Money plus everything else limits class power

Both class and race could influence access to knowledge and vulnerability to criminalization in our scenario

The Knowledge Timeline

The Sociology Professor. (2024, October 16). Defining caste and class systems. YouTube. [https://www.youtube.com/watch?v=trdO\\_\\_xw-wM](https://www.youtube.com/watch?v=trdO__xw-wM)



## A2K

1980 - Strong social cohesion as early Internet promotes open knowledge sharing

1990 - Peak social solidarity through collaborative digital spaces and shared learning.

2000 - Elite groups begin monopolizing digital knowledge platforms

2010 - Social weekend as knowledge becomes increasingly commodified

2020 - Declining solidarity, as AI tools create new knowledge hierarchies

2025 - 2030 - Elite knowledge holding through privatized neural technologies spawning the need for cognitive liberty.

**2030 - 2040 Social cohesion fractures as knowledge access become legally restricted by class**

The A2K timeline reveals how social cohesion rises through shared knowledge access, peaks with digital innovation, declines through elite knowledge hoarding, and collapses through extreme knowledge stratification.

## What if Knowledge Access Were a Crime by Class or Not?

Using inverse thinking methodology, the following impact maps examine how the A2K timeline progression influences power structures, social class divisions, and architectural design through the analysis of knowledge stratification. This experiment employs classic incasting and reverse assumptive analysis to explore how classism determines knowledge access, processing, collaboration, and application across social classes through speculative vignettes.

Source Photo: Jim Osman

Autonnette McLaughlin

### The Methodology

#### High Technology

Using the classic incasting method, I presented one of five possible futures to each interview participant. They had to accept the scenario's assumptions and apply their experiences and imagination to design their scenario. The method offers five scenarios, and I chose High Technology for the interview process.

The research method started with scanning to understand the current trends, issues, plans, projections, obstacles, and assumptions.

Using these results, I used reverse assumptive thinking. This process means I identified common assumptions about knowledge, information control, and access in education – and then explored their opposites.

This method helped me design the interview questions and questionnaire to provoke alternative thinking about education and learning.

The process revealed interesting tensions between traditional assumptions about knowledge access, potential future scenarios, and where these assumptions could evolve unexpectedly.

The primary assumptions were more knowledge, worse outcomes, and more knowledge, better outcomes.

The goal of each scenario was to maximize their differences.

**My research reveals six vignettes, revealing challenges and opportunities for Gensler to lead in creating spaces that enable rather than restrict learning.**

The following slides examine how these emerging impacts could evolve across different domains. I will explain the effect in each domain and respond to your questions.

Schultz, W. (1993, December 15). Scenario building: The scenario approach 'maximizing difference'. Infinite Futures.

<http://www.infinitefutures.com/tools/sbmanoa.shtml>

Schultz, W. (2009). Infinite Futures [Report]. Infinite Futures. <http://www.infinitefutures.com/>

# The Future of Information Constraint/Control 2040: How Spaces Create or Break Barriers

Social Levels Through Design (Example: China's emerging class-based access made physical)



Source: Domain Map

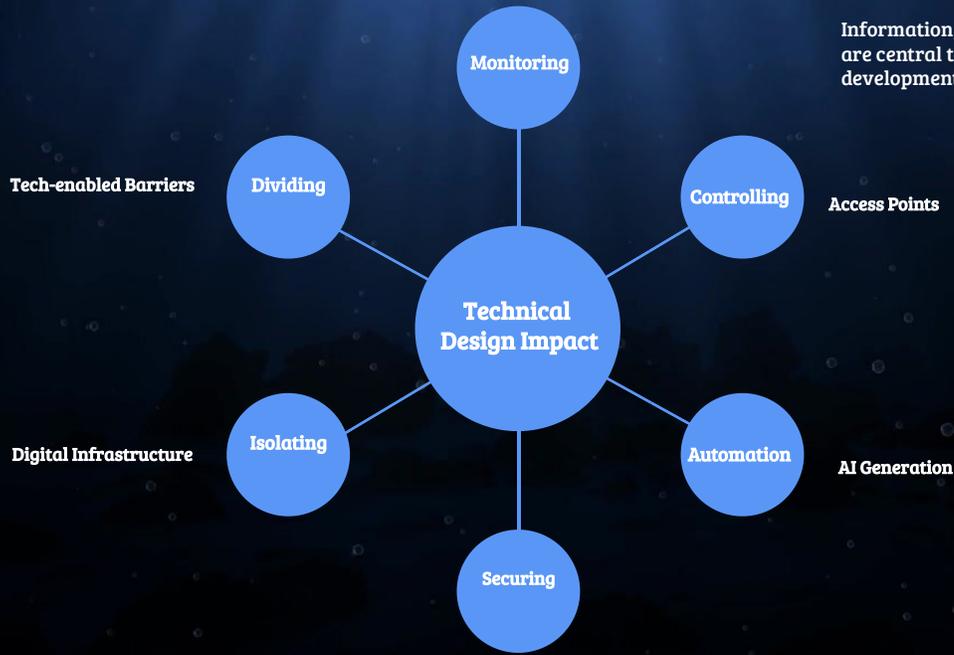
## How Spaces Create or Break Barriers

How can I say what you want when you don't listen? That's the question people are asking. Social design impacts not only society's expectations but also anticipates their reactions. Never underestimate the power of suggestion through space and its absence.

Example: Smart building systems create new control layers as physical space shapes social interaction.

# The Future of Information Constraint/Control 2040: How Buildings Enable or Control Access

Smart Systems (Example: AI surveillance programs)

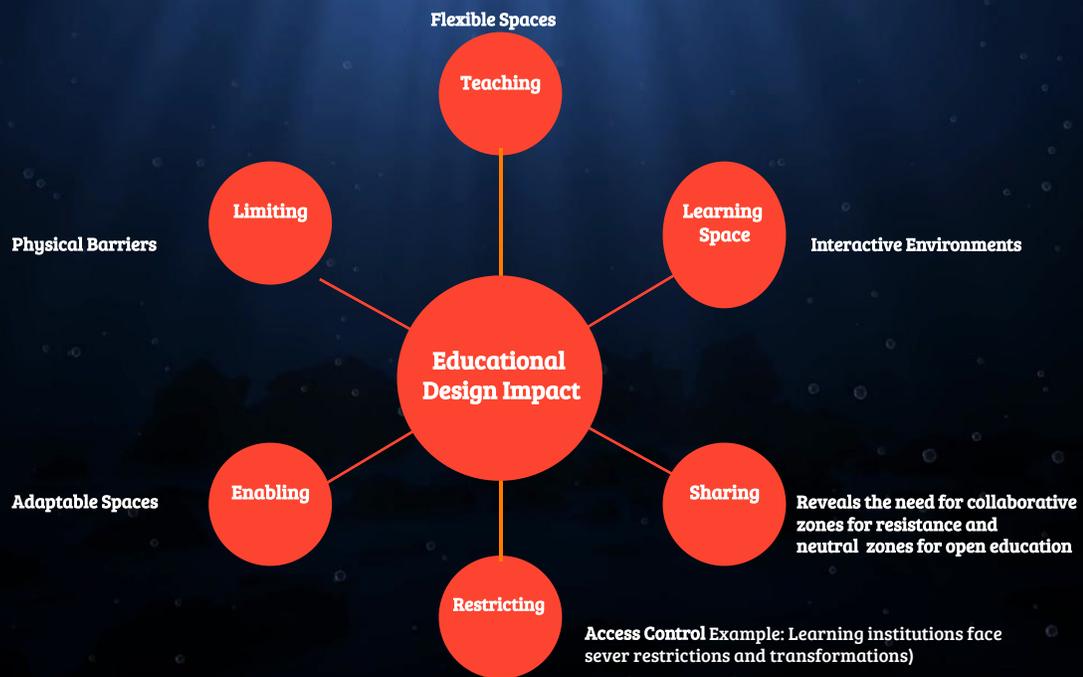


## How Buildings Enable or Control Access

Technical monitoring processes shape educational restrictions when considering provocative and rational designs through visionary and tactical solutions.

According to the four quadrants of featuring (social dreaming forecasting, signals, and backcasting), Little is known about technology from ancient times. We listen with our eyes and honor with our hearts to design spaces that respond to current voices. Soon, we may not like the voices we hear.

## The Future of Information Constraint/Control 2040: **How Design Shapes Learning**



### How Design Shapes Learning

\* Educational restrictions impact cultural exclusion.

Learning is more than education. It's about understanding, knowing, and doing. We can't know until we know, and we don't know what we don't know until we know. We must design for the unknown to learn what we don't know.

# The Future of Information Constraint/Control 2040: How Space Affects Community Knowledge



## How Space Affects Community Knowledge

\* Each implication points to opportunities where architects can create spaces that support connection and enable understanding.

How can we understand without considering the languages, beliefs, and unknowns? If they are lost, the communities are lost.

The following video explains how inversion led us to possible paths forward through extrapolation and speculation. Watch closely for signs of reversals, extractions, and blurred impressions.

## We Tested our Assumptions about Space and Learning through Inversion



STENET Warner Bros. Pictures

### Reverse Assumptive Analysis

Reverse assumptive analysis, aka inverse thinking, is a Pandora's box. I had to make wise decisions about what to include. Now that we understand how we uncover the future vignettes, let's explore how they evolve.

# The Future of Information Constraint/Control 2040

## The Constraining Classes 2040

In 2040, Big Tech Academic Alliance and corporate platforms will use physical and digital infrastructure to control all knowledge access points, transforming architecture design into a mechanism that enforces class-ranked information flow through built environment design.

This stratified design means every space, from research libraries to public areas, monitors, manages and restricts knowledge access based on corporate, determined permission and platform control.

## The Collapse: Spaces that Restrict

## The Knowledge Danger System 2040

By 2040, the potential for knowledge weaponization will have led to strict control systems determining who can access potentially dangerous information. This process will transform architectural design into a mechanism for securing and containing knowledge based on safety, protocols, and risk assessment. This system integration means every space design must protect against knowledge misuse while managing necessary technological and social advancement access.

Sources: Felicia Chavez, Renee DiResta, Phillip Fernbach, Michel Foucault, Daniel Khaneman, Jane Lorand, Stephen Sloman, and Nassim Taleb

### The Collapse: Spaces that Restrict Part One

\*Big Tech Alliances control everything, using the government to enforce their rules. Only approved people can read and write. Democracy and laws are ignored.

The key questions in these vignettes are:

Who is in control of the Constraining Classes? Systems-based leadership controls the application pyramid.

What knowledge is dangerous in the Knowledge Danger system? The safety-based leadership controls the risk management pyramid.

## The Constraining Classes 2040

### The Classes - \*System-based Leadership

- Determiners - Big Tech Alliance Association Leaders
- Implementers - Research Librarians
- Experiencers - General Public/Potential Innovators

### Most impactful Trend

- Corporate influence on government, information platform control
- Sophisticated deceptions designed to demean knowledge
- Research restrictions ->institutional shifts

### Intervention Points - Physical and Digital Design

- Challenge discriminatory designs, mandate inclusivity, create alternative spaces, and establish open access requirements.
- Create knowledge rights protections, underground libraries, and sanctuaries.
- Develop self-sustained and offline systems.

Sources: \*\*Tim Lim (inverse)JL and LW Interviews

## The Collapse: Spaces that Restrict

### Knowledge Kills



### Most Impactful STEEP-C

- Economic: service/symbolic economy dominance
- Environmental - dearth and disinformation
- Political: laws and regulation
- Social: cultural biases

### Most Likely Potential Collision

- Corporate power vs. Resisters /Whistleblowers
- Discord vs. Harmony
- Power Forces vs. Market Forces

### Most Likely Issue

- Voter suppression, censorship, obscurantism
- Democracy of hate, audiological extremism
- The silent threats

**Primary Drivers:** Global corporate control over nation-states, corporate non-accountability, fascism

## The Collapse: Spaces that Restrict Part Two

The critical domain implications of power architecture include:

Safety hierarchy emerge

Protection systems dominate

Security based value

# The Knowledge Danger System 2040

## The Classes - Safety-Based Leadership

- Assessors - Risk Evaluators
- Guardians - Tech. Controllers/Enforcers
- Absorbers - Sheeple
- Underground - System Circumventors

## Most impactful Trend

- Knowledge weaponization
- Technology access risks
- International knowledge barriers

## Intervention Points - Design Shield /Space Defense

- Design dual-use spaces, build hidden paths, embed safe rooms, and mask secure areas.
- Design blindspots, build secret storage, create meeting spaces, and hide access routes.

Sources: Adra et al., FC and LW Interviews

## The Collapse: Spaces that Restrict



Source Graphic: AI Generator

## Most Impactful STEEP-C

- Economic/Tech.: Dangerous Knowledge control
- Social/Tech.: inequality, fragmentation
- Cultural/ Political: division, resistance

## Most Likely Potential Collision

- Safety Barriers vs. Access
- Uncertainty vs Certainty

## Most Likely Issue

- Social decline, bias, xenocriminalization
- Barriers to wealth, diversity, initiative
- Direct safety threats from ghost gun knowledge flow and cross-border data flow

**Primary Drivers:** Genetic engineering misuse, international relations shifts, language barriers impact, and wealth psychological effects

## The Collapse: Spaces that Restrict Part Three

Although the purpose of the Knowledge Safety Manual was to help the Assessors and Guardians create restrictions, those safe sharing spaces will eventually become zones supporting mental health recovery and enabling equitable resource distribution.

# The Future of Information Constraint/Control 2040

## The Recovery Knowledge System 2040

By 2040, society's response to widespread mental health impacts and trauma will transform how knowledge is shared and accessible, making every space a potential site for recovery and healing. This integration means the architectural design must support mental well-being, enable healthy engagement with information, and create environments that promote understanding over division.

## The Rise: Spaces of Possibility

## The Fairness Access System 2040

By 2040, the response to severe digital and resource divides has transformed every space into an access point for equitable knowledge distribution. This integration means the architectural design must ensure fair resource access across the graphic, racial, social, economic, and various divides, creating environments that actively bridge rather than reinforce divides.

Sources: Phillip Fernbach, Michel Foucault, Daniel Khaneman, Division Librarian, Marilyn Shannon, Stephen Sloman, and Nassim Taleb

### The Transformation: Spaces of Possibility Part One

Surveillance caused mental health problems and social exclusion. Turning systems into healing networks helped address these issues.

#### Spaces of Possibility Primary Questions

The key question in the Recovery Knowledge System is how to support the mental health crisis. The experienced-based leadership collective promotes the healing from toxic leadership.

The key question in the Fairness Access System is how to deliver equitable resources. The community centers are the primary power holders in a responsibility-based pyramid.

# The Recovery Knowledge System 2040

The class system has been abolished.

## The Classes - \*Experienced-based Leadership

- **Guides** - Healthy Leaders
- **Guardians** - Recovery Facilitators
- **Participants** - Knowledge Developers

## Most Impactful Trend

- Responsive learning technologies to mitigate abusive fragmentation, declining attention, and engagement
- Democracy of hate: civil rights violations

- Harm reduction in knowledge transfer regarding human dynamics and cultural sensitivities (neurodiversity, gender roles)

## Intervention Point: Mental Health

- Wellbeing enhancement, system healing, and connection building

## The Rise: Spaces of Possibility



Artifact 54CC

## Most Impactful STEEP-C

- Educational: Deep engagement crisis
- Stamping the stigma that prevents healing,

## Most Likely Potential Collision

- Wellbeing vs. Trauma
- Leadership vs Controlship - True leaders will not seek to control; they are teachers and learners
- Deep Learning vs Tech Efficiency
- Big Tech Leaders vs Deep Learner Leaders

## Most Likely Issue

Fear creates stigmas and influences perspectives  
Surveillance --> trust, paranoia, and stagnation

**Primary Drivers:** The mental health crisis, technology fragmenting attention, social division, unhealthy leadership, and the criminalization of everything.

Sources: \*\*Frawley et al., MS and LW Interviews Source Graphic: AI Generator

## The Transformation: Spaces of Possibility Part Two

What's unique about the Recovery Knowledge System is that the participant decided during the last interview that we needed to abolish the class system.

It was music to my ears. Throughout the process, I could not understand why, given the opportunity to design a future world, no one considered a world without a class system.

Artifact 54CC is an everyday reminder of Spaces that Restrict and the lingering Constraining Classes and Dangerous Knowledge control systems.

## The Fairness Access System 2040

### The Classes - Adaptive Leadership

- Facilitators - Community Knowledge Leaders
- Distributors -Resource Allocators
- Recipients - Community Members (everyone based on need, except criminals)

### Most Impactful Trend

- The digital divide exacerbates class inequality
- The "have and have nots" (education, housing)
- Spatial transformation, access architecture

### Intervention Point: Implementation

- System equity, distribution methods, and community empowerment

### Most Impactful STEEP-C

- Social: Access reforms and reduced capophobia
- Economic: Equitable educational investment
- Environmental: Tighten contamination rules

Source: Division Librarian and LW Interviews Source Graphic: AI Generator

## The Rise: Spaces of Possibility

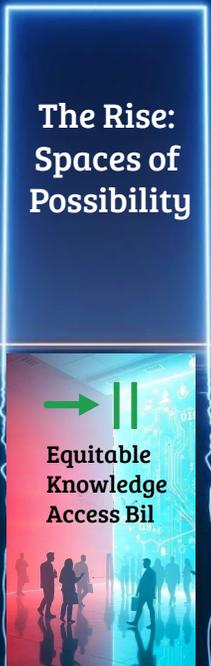
### Most Likely Potential Collision

- Decentralized vs. Centralized
- Resource Access vs Fair Distribution
- Stagnation vs. Progress
- Anger vs. Forgiveness

### Most Likely Issue

- Dangerous knowledge
- Change resistance
- Defining equity and fair access

**Primary Drivers:** Social inequities, access restriction points, and resource barrier designs



Equitable  
Knowledge  
Access Bil

### The Transformation: Spaces of Possibility Part Three

The Equitable Knowledge Access Bill lays the groundwork for future space designs beyond mental health and social justice as primary motivators.

# The Future of Information Constraint/Control 2040

## The Working Truth System 2040

By 2040, those who make society function have become verified truth's primary validators and distributors, transforming every space into a potential site for practical truth-sharing. This integration means the architecture design must support working-class knowledge exchange while enabling temporary restrictions based on knowledge misuse, creating an environment prioritizing operational truth over theoretical control.

## The Future: Spaces Used to Empower

## The Community Knowledge System 2040

By 2040, community mentorship and experience-based learning will have transferred neighborhoods into integrated knowledge and development systems, with every space designed to support practical skill building and real-world application. This integration means architecture design must enable strong community connections while supporting balance, technology use, and creating environments as a priority for hands-on learning and meaningful human interaction.

Sources: Phillip Fernbach, Michel Foucault, Daniel Khaneman, Simone McKelvey, Calesio Newman, Stephen Sloman, and Nassim Taleb

### The Future: Spaces Used to Empower Part One

Therapy evolved into skill-building centers through mentorship and experience-based learning, establishing operational truth and community knowledge.

#### Spaces Used to Empower Primary Questions

The key question in the Working Truth System is, who operates society? The Working Truth leaders manage behavioral responsibility.

The key question is, can the Community Knowledge System support a growth mindset? The Community must change the following through experience-based leadership:

Fear-based approaches

Current educational focus on technology

Limited nutrition access

Traditional teaching methods

Screen time dominance

Weak family structures

# The Working Truth System 2040

## The Classes - Distributed Leadership

- Workers - Educators and Innovators
- Verifiers - Truth Seekers, Journalists
- Restricted - Knowledge Misusers

## Most impactful Trend

- Truth verification needs
- Behavior based controls
- Power shift to the working class

## Intervention Points: Truth System Design

- Establish worker-lead verification protocols, implement cross-class validation, and create truth validation checkpoints.

## The Future: Spaces Used to Empower

### Restricted Access



## Most Impactful STEEP-C

- Social: Working class power shift
- Technical: Misuse of technical information
- Economic: Labor-knowledge value systems

## Most Likely Potential Collision

- Working validation vs. Common Validation
- Collective knowledge vs. individual KNWL

## Most Likely Issues

- Corruption
- Verification gaps
- Rights barriers

**Primary Drivers:** Wealth accumulation patterns, information distortion threats, and verification system evolution

Sources: SM and LW Interviews Source Graphic: AI Generator

## The Future: Spaces Used to Empower Part Two

The Workers and the Truth Seekers created a Legal Framework for Class Mobility and a Truth Verification process. Their systems enable knowledge sharing while resisting elite control and challenging restrictions on authentic engagement.

## The Community Knowledge System 2040

### The Classes - Experienced-based Leadership

- **Mentors** - Community leaders and experienced guides (retired athletes and professionals)
- **Facilitators** -Level-appropriate educators (athletes, entertainers, speakers, and peers)
- **Learners**-Community Groups (Boys and Girls Club, YMCA, and other mentor programs )

### Most impactful Trend

- Fear tactics became solution-based methods
- Technology balance with human connection
- Family structure strengthened
- Community mentorship formalized

### Intervention Point: Community Knwl Design

- Strengthen local knowledge and access points
- Reinforce local empowerment connections to disrupt control cycles

## The Future: Spaces Used to Empower



Source Graphic: Zaha Hadid Architects

### Most Impactful STEEP-C

- Educational - Experience-based level-appropriate learning for everyone
- Social- Cognitive dissonance

### Most Likely Potential Collision

- Institution vs. Community Control
- Government vs. Local educational leaders
- Resistance to Change vs. Change Agents

### Most Likely Issues

- Manipulation and fear used to control access
- Social media influences unrealistic realities
- Systemic control cycles

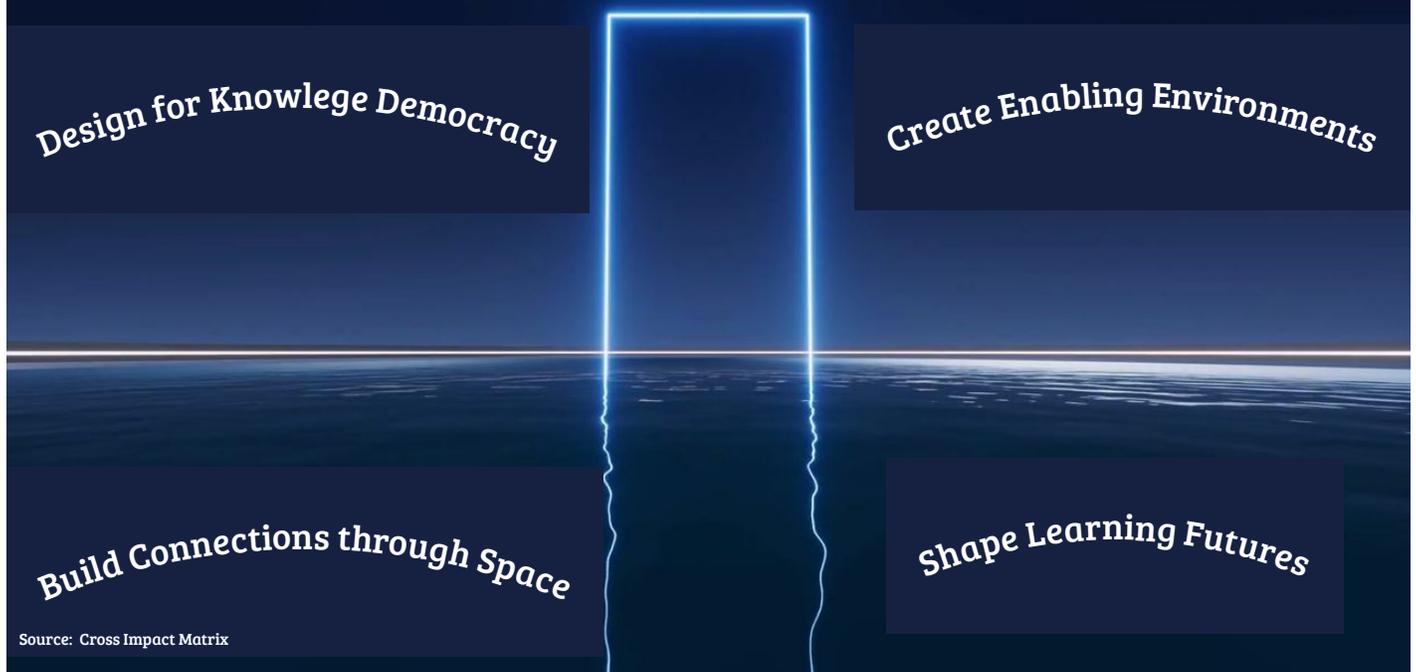
**Primary Drivers:** Community empowerment, self-actualization, entrepreneurship pathways

Sources: CN and LW Interviews

### The Future: Spaces Used to Empower Part Three

Spaces Used to Empower focuses on social structure, knowledge transfer, and system evolution. The power architecture enables community leaders to emerge and balances technology integration with entrepreneurial growth. The systems impact the community through experience-based learning and restoring family values.

# The Future of Information Constraint/Control 2040 Strategic Implications: The Options



## Strategic Questions

By 2040, we will have a choice about how spaces are shaped and how knowledge is accessible. We need places where people can gather and share, spaces enabling connections, designs influencing interactions, and areas improving knowledge sharing. What does each one mean to you?

Design for knowledge democracy means spaces that distribute power, bridge class divides, and support learning freedom.

**Strategic Question One:** How might we design spaces that transform from controlling knowledge access to enabling knowledge distribution?

**Options:** We can design for 'knowledge democracy' that creates enabling environments and builds connections through spaces that shape learning futures. This knowledge bridge initiative may help transform barriers into bridges by designing spaces that naturally enable knowledge flow across social boundaries. This question and many others are valuable to Gensler because critical timing and strategic value are a priority to keeping pace with "technological contribution and knowledge creation" in the long view.

We can approach this plan in three phases:

Design discovery - document access limitations and assess community needs

Bridge building - build community interfaces and enable cross-boundary exchange

System transformation - build lasting connections and engage in ongoing evolution

**Strategic Question Two:** how might we design spaces that protect knowledge access from digital control system integration?

**Response:** We can design for 'knowledge democracy' by limiting the impact of digital control system integrations. The Freedom Flow Design process helps architects design spaces with built-in resistance to physical barriers and digital control systems. These barriers are essential to Gensler because the immediate stakes require design choices that determine knowledge rights with architects as the new gatekeepers. Moreover, unaddressed systems-level risks lead to irreversible changes and systematically embedded controls.

We can approach this plan in three phases:

Protect design - design resistance features and create protection standards

Flow enablement - enable multiple entry points and ensure system independence

Space liberation - enable ongoing modifications and ensure lasting accessibility

## The Future of Information Constraint/Control 2040: The Key



### The Key

The key to opening the door is matching the gifts to the needs. The needs are enabling, restricting, or both. Redemption is a matter of choice.

The future of knowledge access is more than control versus resistance; it's about spaces that support understanding and connection. Gensler can lead this transformation through cooperation and resistance to restrictions and non-restrictions that are just as dangerous.

## The Future of Information Constraint/Control 2040: Cross-Impact Matrix

Driver	Corporate Platform	Dangerous Knowledge	Mental Health	Fair Access	Working Truth	Community Based
Corporate Platform	—	++	--	--	--	--
Dangerous Knowledge	++	—	--	--	--	--
Mental Health	--	--	-	++	+	++
Fair Access	--	--	++	—	++	++
Working Truth	--	--	+	++	-	++
Community Based	--	--	++	++	++	—

### Cross Impact Matrix

#### The Future of Information Constraint/Control 2040: Cross-Impact Matrix Dynamics Part 1

##### Control System Pattern

Corporate Platforms and Dangerous Knowledge form a strong positive reinforcement loop. Together, they create comprehensive negative impacts on all other drivers. This self-reinforcing control system actively undermines Community Based and Fair Access.

##### Liberation Network Pattern

Mental Health, Fair Access, and Community Based form positive support chains. Each element strengthens the others, creating resilient positive impacts and a network of mutually reinforcing positive changes.

##### Resistance Pattern

Working Truth and Community Based solutions actively counter Control Systems while positively impacting access and well-being. These dynamics logically resist through practical knowledge sharing.

#### The Future of Information Constraint/Control 2040: Cross-Impact Matrix Dynamics Part Two

##### Design Implications

##### Corporate Control

Physical spaces must resist severance integration  
 Design should prevent centralized control  
 Architecture needs built-in protection

##### Knowledge Access

Spaces must enable multiple access points  
 Design should support knowledge flow  
 Buildings need protection features

##### Community Building

Spaces must enable connection  
 Design should support local networks  
 Architecture needs to foster sharing

**The Future of Information Constraint/Control 2040: Cross-Impact Matrix Impacts  
Pattern Analysis Part Three**

**Reinforcing Patterns**

Corporate - Platforms REINFORCE Dangerous Knowledge control

Dangerous Knowledge control, REINFORCE, Corporate-Platforms

These forces strengthen surveillance, enhance restrictions, and consolidate power

**Opposition Patterns**

Mental Health Recovery WHO WINS Corporate Control

Fair Access WHO WINS Dangerous Knowledge

Community Development WHO WINS Control Systems

These actions challenge resistance through centralization, scrutiny, and building alternatives.

**Reinforcing Patterns**

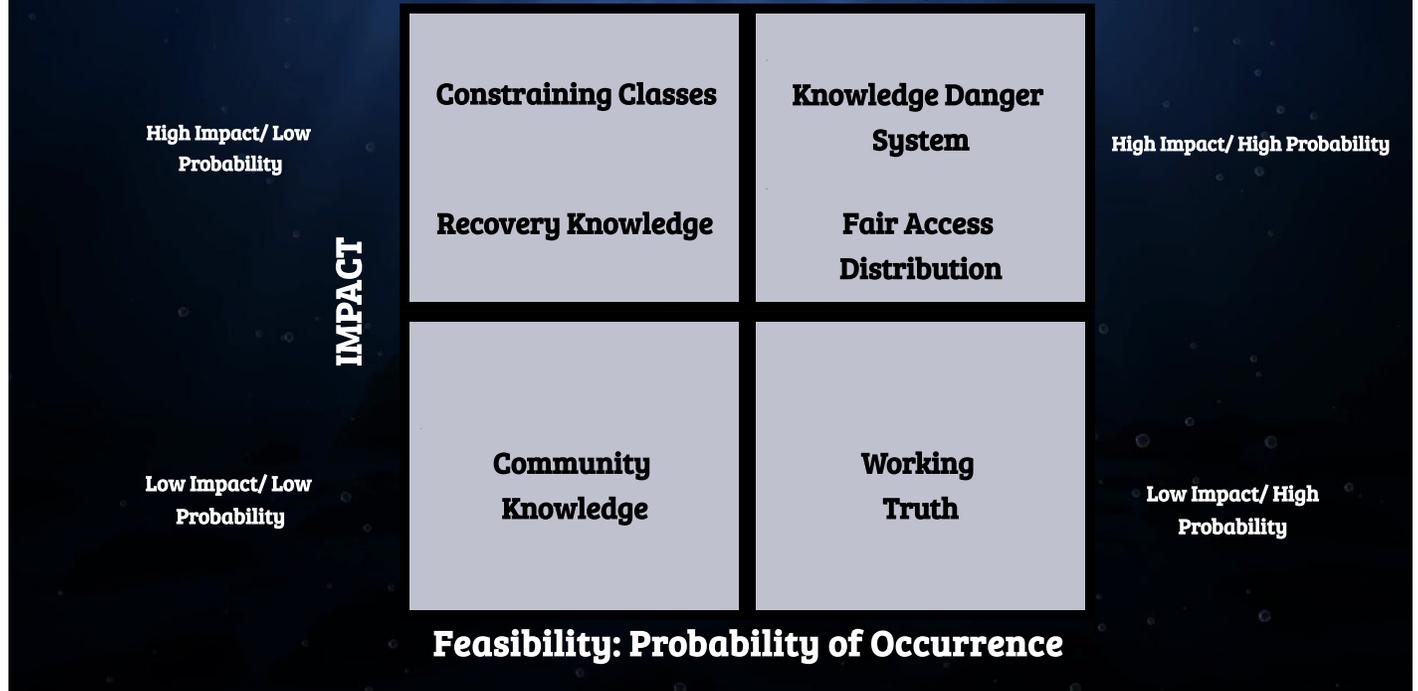
Fair access, REINFORCE, community development

Mental health REINFORCES local access

Working truth reinforces practical knowledge

Practical KNWL creates liberation networks --> shared resources, local connections/KNWL flow

## The Future of Information Control 2040: Prioritizing Issues or Opportunities



The Future of Information Control 2040: Prioritizing Issues or Opportunities

High Impact/ Low Probability: Constraining Classes and Recovery Knowledge require massive system changes.

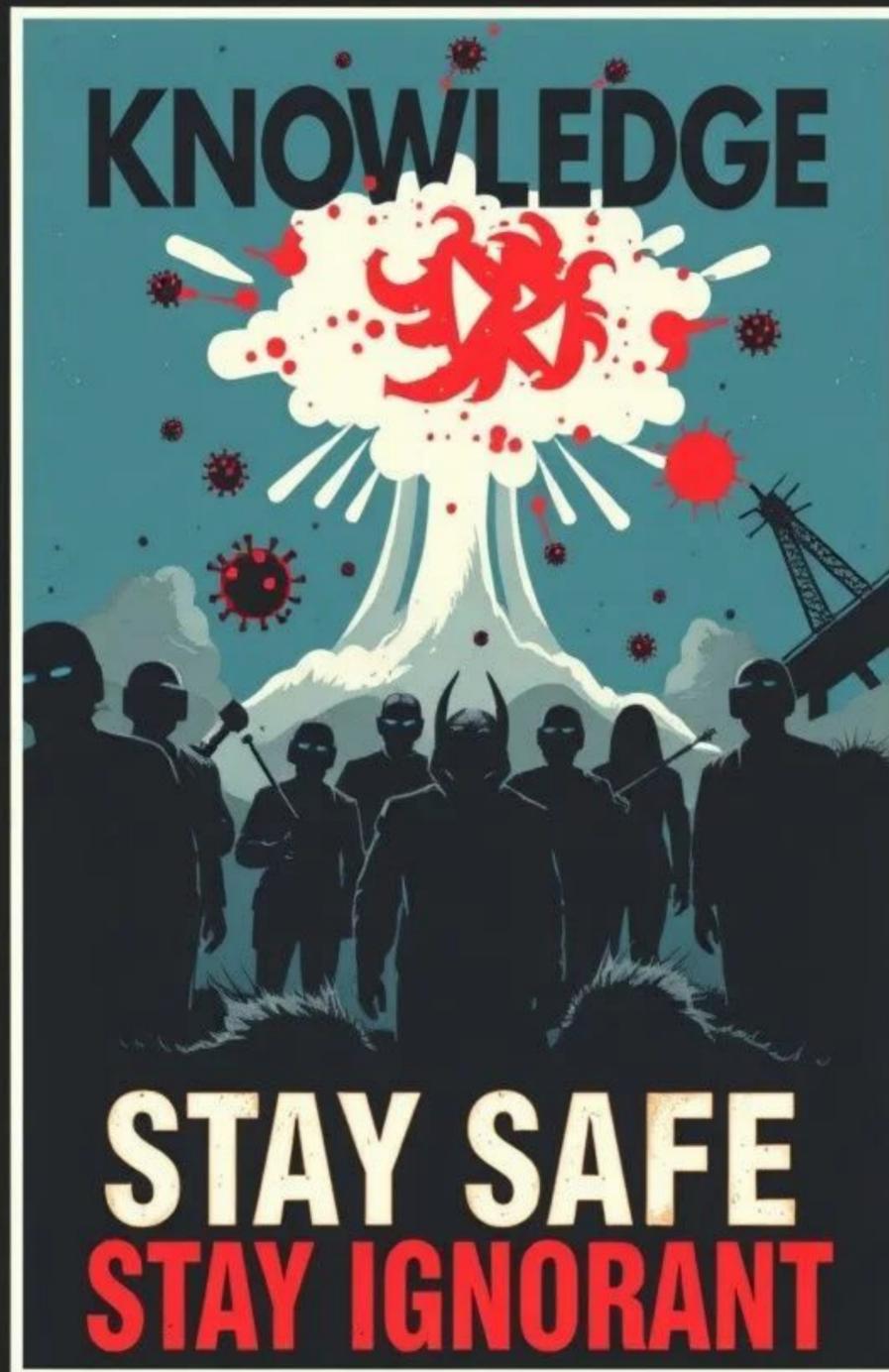
High Impact/ High Probability: Knowledge Danger and Fair Access align with current trends.

Low Impact/ High Probability: Working Truth is driven by practical necessity.

Low Impact/ Low Probability: Community Knowledge faces significant barriers.

WHAT IF KNOWLEDGE ACCESS WERE A  
CRIME BY CLASS OR NOT?

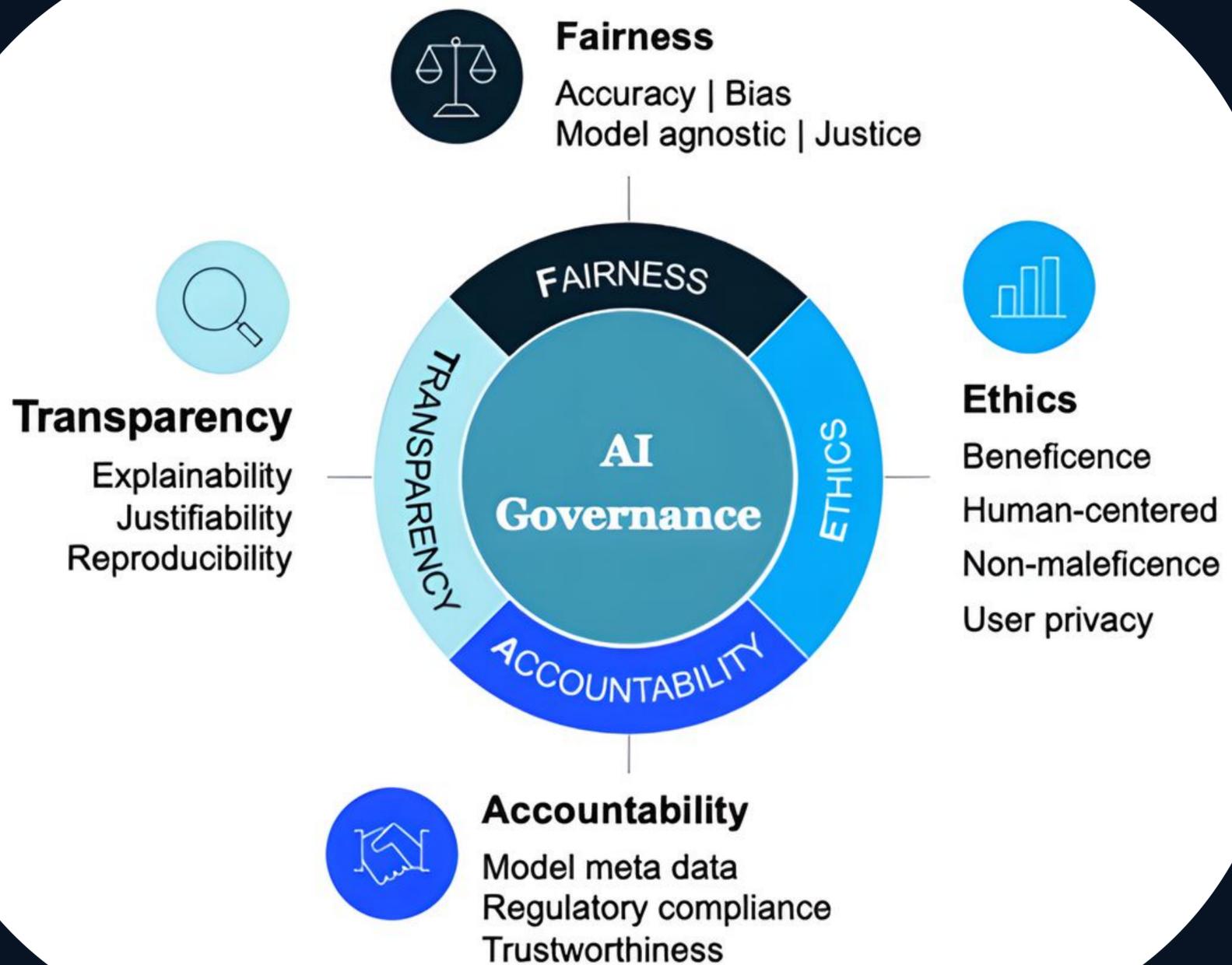
# Knowledge Kills



# ARTIFACTS

SPACE AND KNOWLEDGE 2040

# FEAT PRINCIPLES GUIDE RESPONSIBLE AI DEVELOPMENT



WHAT IF WE COULD CHANGE THE WAY WE INTERACT WITH EACH OTHER  
BASED ON AI'S FAILURES AND WEAKNESSES?

# Resilience and Recovery: A Community-Based Approach

## Mental Health Alarms

If you are a previous resident of the  
constraining classes, make sure your  
home has a mental recovery detector



## FEATURED EVENTS

-  Education Integration
-  Skills-building Opportunities
-  Peer Support

Celebrate resilience  
and promote  
awareness with events  
happening monthly.

Sources: Natalli Amato and Tim Chan



Artifact 54CC

# COLOR, ARCHITECTURE AND MENTAL HEALTH

## HOW DO COLOURS INFLUENCE PEOPLE?

**RED** - Creates a sense of urgency.  
It is also known to increase appetite.

**Ideal for :**

1. Consumer sales
2. Food chains

**PURPLE** - Develops  
problem solving skills and  
creativity

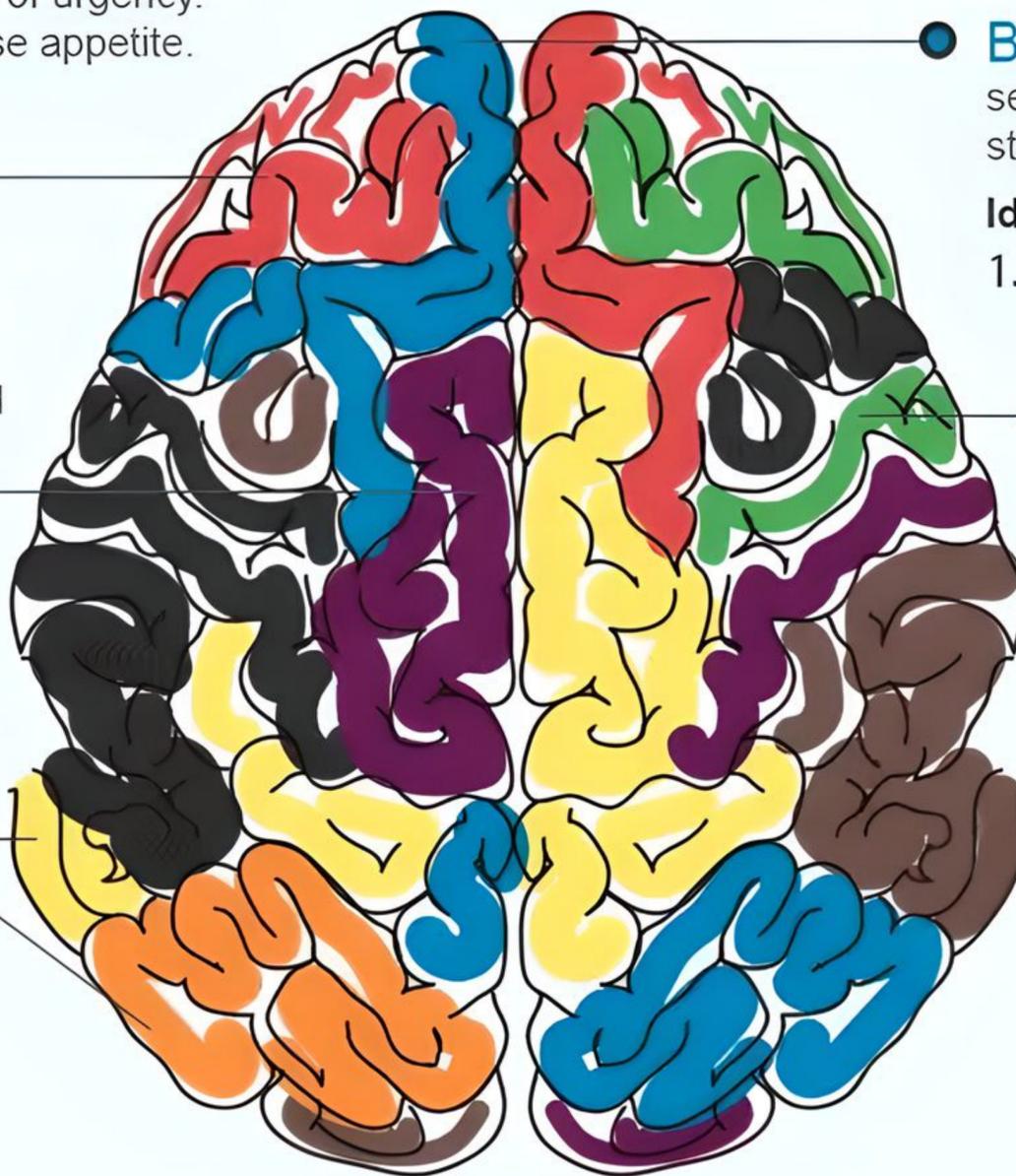
**Ideal for :**

1. Beauty products

**ORANGE &  
YELLOW** - Promotes  
optimism

**Ideal for :**

1. Impulsive buying  
products



**BLUE**- Provides a  
sense of security and  
stimulates productivity

**Ideal for :**

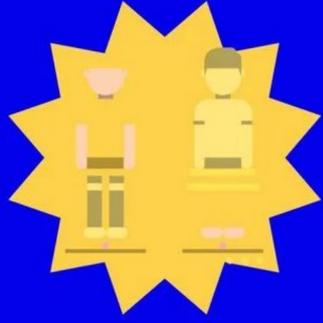
1. Conservative products

**GREEN** - Creates a  
sense of harmony and  
promotes decisiveness

**Ideal for :**

1. Promoting  
environmental issues

RED HELPS TO TREAT DEPRESSION AND NEGATIVITY  
ORANGE HELPS TO TREAT TRAUMA AND LOSS  
YELLOW HELPS TO TREAT DESPAIR AND CONFIDENCE



## Balancing Safety and Access

— share knowledge responsibly —

## in Knowledge Sharing

Embrace Transparency,  
Accountability, and  
Empowerment

Discover the principles  
[www.knowledgesharing.com](http://www.knowledgesharing.com)



Empowering Employees to Knowledge Equity

# Knowledge Equity Initiative

with

Access to information,  
collaborative learning,  
and inclusive  
decision-making.

Determiners

# KNOWLEDGE AND DEVELOPMENT COMMUNITY ZONES



## INTERIOR AND EXTERIOR

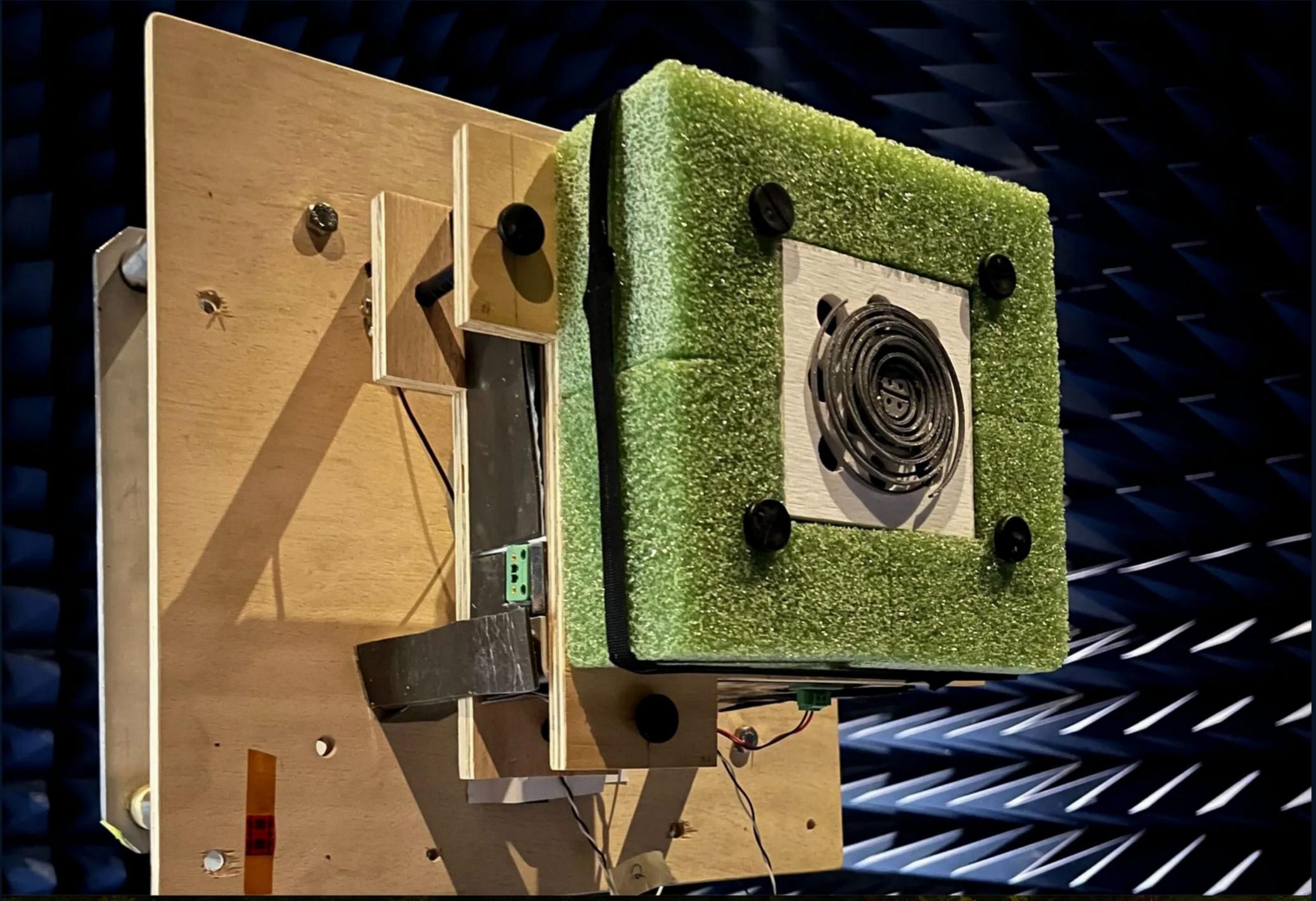




SOME UNIVERSITIES ARE SHIFTING FROM CENTERS OF DEBATE AND  
INTELLECTUAL FREEDOM  
TO  
SURVEILLANCE HUBS FOR INTELLIGENCE GATHERING

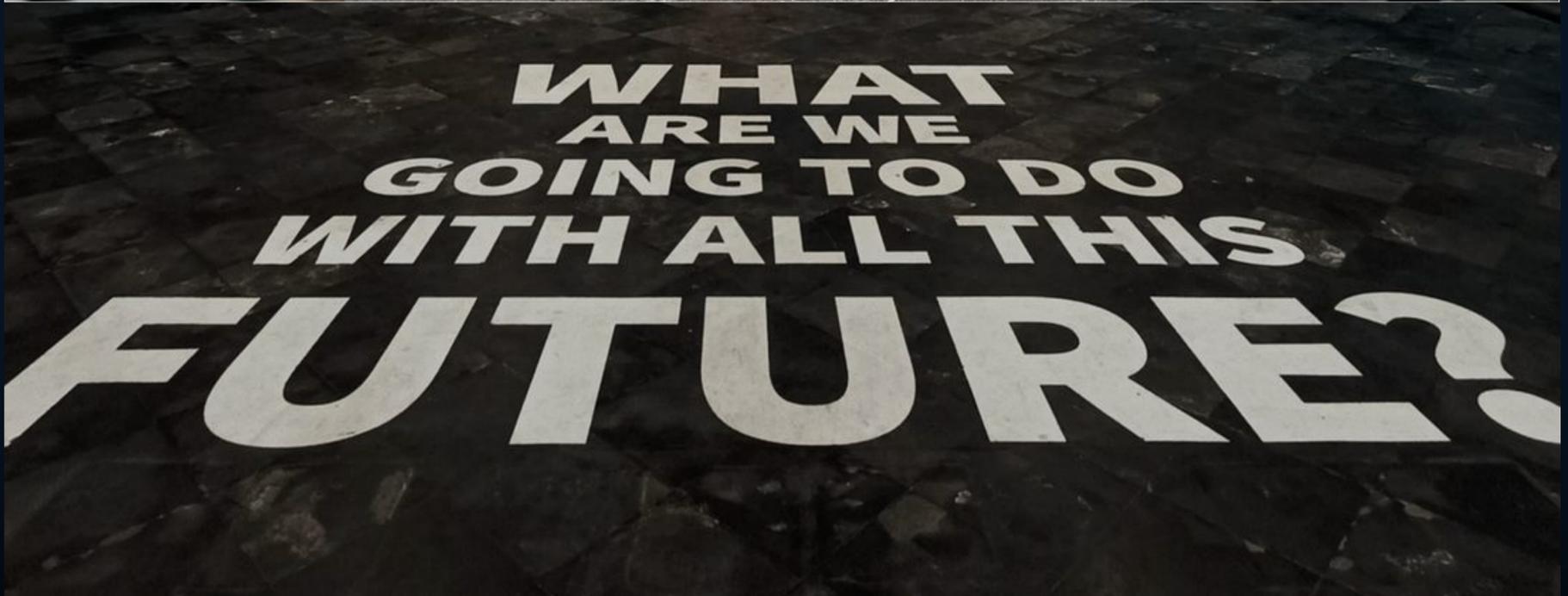


# MORPHING FREQUENCIES



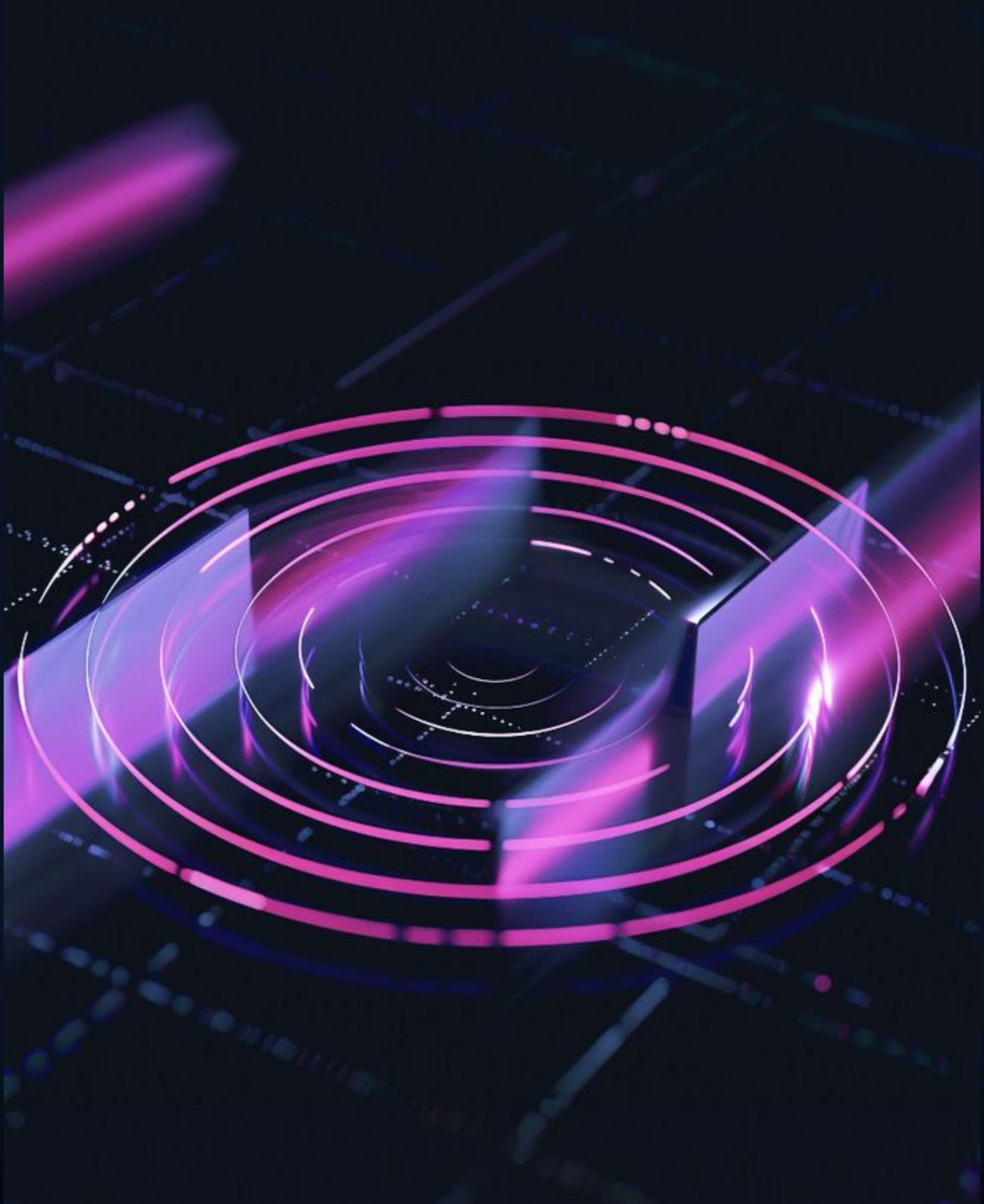
FREQUENCIES MORPH TO FIXED ANTENNA SHAPE

# THE INVISIBLE CLASSES



SOCIAL CHANGE MUST BE INCLUSIVE

# THE DISTANT LOCATORS



SMART MIRRORS AS RECONFIGURABLE SURFACES USE ADVANCED TECHNOLOGY TO TURN WALLS INTO SMART SURVEILLANCE TOOLS.

# SENSING & COMMUNICATION DEVICES WITH DIGITAL AWARENESS



CREATES CONGESTION, INEFFICIENCY,  
AND FINANCIAL LOSS ISSUES

# WE KNOW ALL AND SEE ALL



ARTIFACT 54CC

# THE NEW GLOBAL DIVIDE



INFRASTRUCTURE GAPS AND DIGITAL LITERACY BARRIERS  
CREATE LAYERS OF EXCLUSION BETWEEN PRIVILEGED AND  
DISADVANTAGED POPULATIONS. TO SUCCESS

# REMOTE NEURAL MONITORING



HOW CAN WE KNOW WHO WE ARE AND WHAT WE WANT  
WITHOUT INTERRUPTIONS?

# THE WAY BACK MACHINE



HOW SHALL WE MOVE FORWARD?

# THE NEUTRAL ZONE SPEAKEASY



KNOWLEDGE AT WORK

# EDUCATIONAL PRIVILEGE



EDUCATIONAL CLASSISM CREATES DIVIDES BETWEEN ELITE PRIVATE  
SCHOOLS AND UNDEFENDED PUBLIC INSTITUTIONS

# DARK ACADEMIA



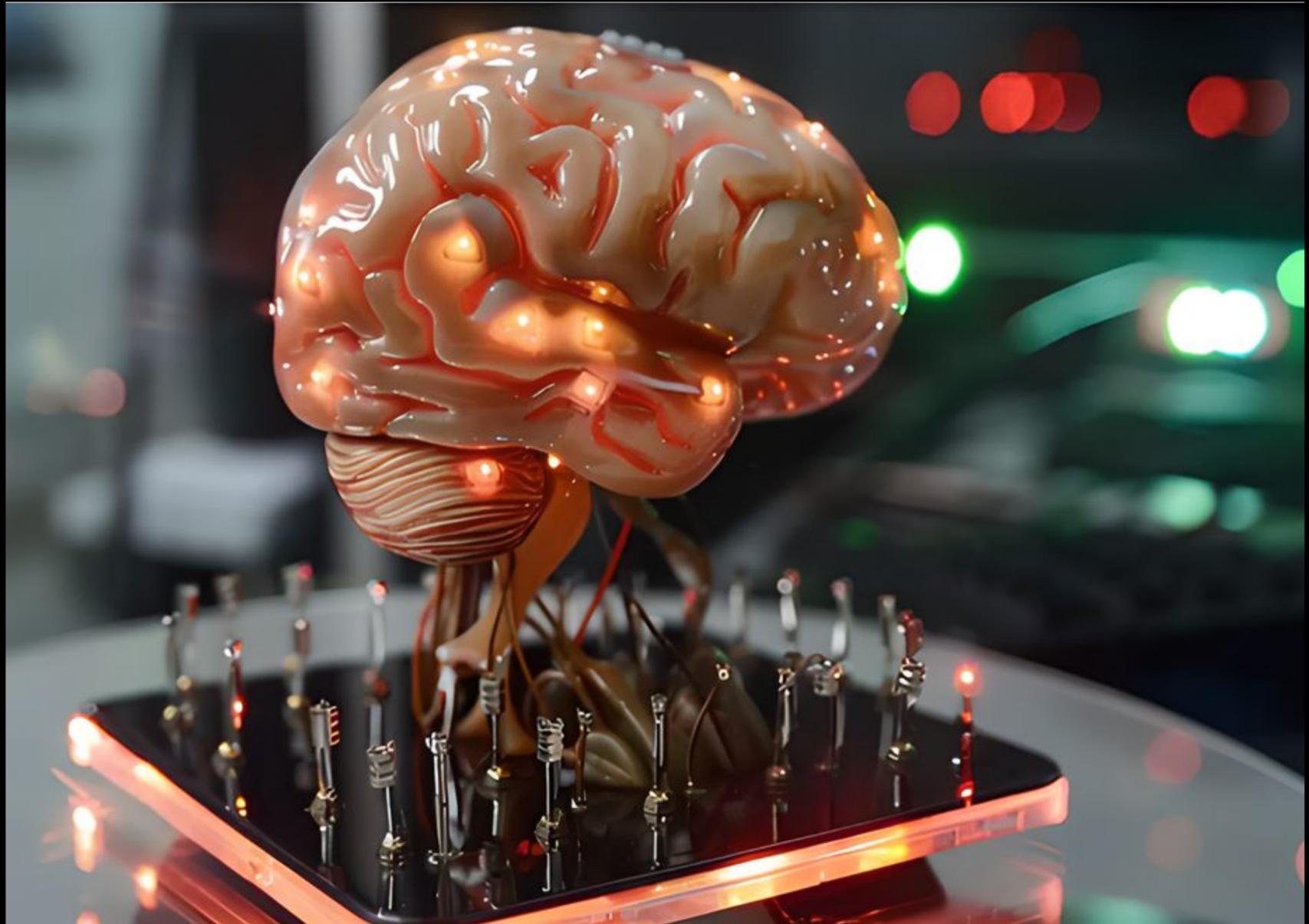
"SO HAUNT ME THEN"~EMILY BRONTË

# PHANTOM NERO



SCI-FI PROSTHETICS FOR ENHANCEMENTS BEYOND NATURAL LIMITS

# DIGITALLY PROGRAMMABLE OVER-BRAIN THERAPEUTIC (DOT)



PEA-SIZED BRAIN STIMULATOR FOR  
NEUROLOGICAL AND PSYCHOLOGICAL TREATMENTS

# THE WORKING CLASS TRUTH SYSTEM: LEGAL FRAMEWORK 2040

## Class Legal System



## How to SEEK THE TRUTH

INFOGRAPHIC 2040

**STEP 1**

**Educate Yourself on Truth vs. Knowledge**

Stay balanced by understanding truth, knowledge, and contradictions and observing without judgment.

**Explore the Vision, Embrace Uncertainty**

Share why you believe in the ideas and test all assumptions.

**STEP 3**

**Be Picky and Get Your Hands Dirty**

Select the verifiers and uncover the gritty truth,

**Listen and Use the Truth Checkers**

A truth checker system uncovers the uncomfortable truth from everyone.

**STEP 5**

**Learn the working class truth system by questioning everything.**

Generate truth by leveraging working class power.

**Connect with other Verifiers**

Truth is complex and interconnected.

**STEP 7**

**Stay Humble, Find Patterns, and Trust the Process**

We cannot master uncovering the truth. Look for patterns around complex and adaptive interactions.

# Supporting Futures Research Documents

## Domain Map: What if Knowledge Access Were a Crime by Class or Not?



## Implications

<p><b>SCENARIO</b></p> <p><i>Pick either Baseline or Alternative Future</i></p>	<p><b>The Constraining Classes</b></p>
<p><b>CATEGORY</b></p> <p><i>Pick a category to focus the implications on (refer back to your client; what part of their organization will either care the most, or be the most be most impacted by the forecast (e.g. strategy, human sources, regulatory)</i></p>	<p>The following roles in architectural design will care the most and be most impacted by the forecast:</p> <ol style="list-style-type: none"> <li>1. Design directors, principals, architects, managers, and leaders may have to balance institutional demands for knowledge control against their mission to create education and discovery-enabled environments. They may become ethically charged as these systems transform from enabling access to enforcing restrictions. These restrictions and knowledge access may become a critical equity issue, challenging their commitment to creating positive community impacts.</li> <li>2. Project designers and digital design specialists may determine how people move and what knowledge they can access and bridge the environments between the intent and enforcement of routine design decisions and their impacts.</li> </ol>
<p><b>FUTURES WHEELS</b></p> <p><i>Do 3-5 futures wheels of impacts of your scenario for the category.</i></p> <p><i>Use Coggle.It (create free account), KUMU or graphic program of your choice; take a picture of each of your futures wheels and paste in below</i></p>	<ol style="list-style-type: none"> <li>1. Social Design Impact – How Spaces Create or Break Barriers</li> <li>2. Technical Design Impact – How Buildings Enable or Control Access</li> <li>3. Educational Design Impact – How Design Shapes Learning</li> <li>4. Cultural Design Impact – How Space Affects Community Knowledge</li> </ol>
<p><b>MOST IMPORTANT IMPLICATIONS</b></p> <p><i>3-5 Most Important Implications from anywhere on your Futures Wheels</i></p>	<ol style="list-style-type: none"> <li>1. From implication 1 (highlighted in aqua), physical and digital design become merged mechanisms of knowledge control</li> <li>2. From implication 2 (highlighted in blue), space is used to empower and reveal how design enables or prevents knowledge access</li> <li>3. From implication 3 (highlighted in orange), the patterns of consequences across domains fragment information flow, knowledge transfer, and learning through surveillance, controls, and restrictions</li> <li>4. From implication 4 (highlighted in green), architectural design becomes a tool to enforce or enable access to knowledge</li> </ol>
<p><b>MOST PROVOCATIVE IMPLICATIONS</b></p> <p><i>3-5 Most Provocative Implications from anywhere on your Futures Wheels</i></p>	<ol style="list-style-type: none"> <li>1. In this world where privacy rights, educational autonomy, and independent media no longer exist, the Determiners specifically target individual acts of courage, as no institutional checks remain.</li> <li>2. Russia's internet restrictions and China's social credit systems could become physically built into our environment. Imagine designing structures that prevent access to specific knowledge based on social credit score or status (implication 1 highlighted in aqua).</li> </ol>

3. Architectural design could become an active enforcement system for passive walls and doors and integrated systems that determine what we are allowed to know based on who we are (implication 2, highlighted in blue).
4. The same architectural designs that can trap knowledge can also hide it. Some spaces will control access; others may become underground railroads for sharing forbidden knowledge (implication 2 highlighted in blue, 3 in orange, and 4 in green).
5. Neutral zones could emerge as spaces where unrestricted knowledge sharing is possible, similar to digital age speakeasies for information (implication 1 in blue, 3 in orange, and 4 in green).
6. The architect's role will transform from designer to knowledge gatekeeper, where every design choice becomes a choice about who gets to know what (implication 1 in blue).

**MOST IMPORTANT ISSUE**

*From the Most Important implications, identify an issue that you will respond to in the next assignment*

Privacy rights, educational autonomy, and independent media no longer exist, and the Determiners prosecute acts of courage through the most important issues that integrate digital control systems (like Russia's internet restrictions and Big Tech's platforms) into physical architecture and learning space designs that determine who can access knowledge and what specific knowledge they can access. These actions transform classrooms and building designs, from enabling education and information flow to controlling it.

**MOST PROVOCATIVE ISSUE**

*From the Most Provocative implications, identify an issue that you will respond to in the next assignment*

The most provocative issue is every architectural design choice becomes a point of knowledge control, where a door, shelf, or screen in a learning space could physically adapt to restrict access based on a person's status. While today's digital restrictions can be clicked past or worked around, future architecture designs will make knowledge access physically impossible, turning architects from designers of space into implementers of who gets to know what.

# 1. How Spaces Create or Break Barriers



## 2. How Buildings Enable or Control Access



### 3. How Design Shapes Learning



## 4. How Space Affects Community Knowledge



# Driver Outcomes in Baseline

## Space and Knowledge 2040: Shaping Tomorrow’s Learning Environment

YOUR DRIVERS	BASELINE <i>one to two sentences</i>
<p>1 Corporate-Platform Control of Societal Systems</p>	<p>The National Intelligence Council reported, "AI-dependent industries and organizations of the future would require massive quantities of data to operate efficiently and competitively." Integrating digital control systems into physical infrastructure leads Big Tech data collection and surveillance.</p>
<p>2 Dangerous Knowledge Control Systems</p>	<p>Intelligence agents reported that “authoritarian governments are likely to exploit increased data to monitor and control their populations.” For this reason, safety and security concerns justify “increasing information access, tracking, and sharing restrictions,” while surveillance and moderating systems are becoming normalized under the guise of protection.</p>
<p>3 Mental Health-Based Knowledge Recovery</p>	<p>Intelligence studies have shown “mental health and substance abuse disorders increased 13% during the past decade.” Mental health impacts from current systems are becoming more visible and acknowledged across regions and demographics. The strain on mental well-being is a critical challenge to system stability.</p>
<p>4 Fair Access Distribution Systems</p>	<p>Intelligence reports revealed that “the gap in trust in institutions between the informed public and the mass public has increased during the past decade.” These gaps between those with access to information/resources and those without, along with the business “trust gap quadrupling during the same period,” create disparities and systemic instabilities that threaten social cohesion.</p>
<p>5 Working Class Truth Control</p>	<p>Automation and AI are rapidly transforming work, threatening traditional knowledge and roles. This disruption of working-class expertise and authority is accelerating. Researchers reported that “automation has replaced approximately 9% of existing jobs and will radically change one-third in the next 15 to 20 years.”</p>
<p>6 Community-Based Knowledge Development</p>	<p>Reliable sources reported, “Local governments are likely to become critical sources of innovation governance because of their ability to solve problems for their populations.” These community-level solutions are emerging with the advantage of proximity to constituents as critical space designs enable them to become more responsive and accountable.</p>

Source: National Intelligence Council 2021

## Summarize Collapse Future

## Space and Knowledge 2040: Shaping Tomorrow's Learning Environment

<p><b>FUTURE OF</b></p>	<p><b>The Future of Information Control 2040</b></p>
<p><b>SCENARIO TITLE</b></p>	<p><b>The Constraining Classes</b></p>
<p><b>THIS IS A WORLD IN WHICH...</b></p> <p><i>3-4 sentences that highlight the key elements of the scenario</i></p> <p><i>HINT: This should be more than just a restating of the driver outcomes - what does the world look like when these drivers interact?</i></p>	<p>As corporate platforms consolidate their control over digital and physical infrastructure, they leverage AI and massive data collection to monitor populations. At the same time, governments embrace these systems as security and social management tools. This surveillance integration triggers widespread mental health impacts and trauma, pushing people to seek alternative spaces for authentic connection and learning, even as access to resources and opportunities becomes increasingly stratified based on data profiles and social scores. Working class expertise and authority erode as AI systems replace human judgment, fragmenting communities and access to local knowledge and cultural practices. The architectural environment reflects this controlled reality- every surface collects data, every space monitors behavior, and every interaction medicates through corporate government systems that determine who can access knowledge based on class.</p>
<p><b>WHALE</b></p> <p><i>Can you identify the "whale" of the system that runs this scenario?</i></p> <p><i>Hint: The Whale is the biggest influence on the system. Your world needs this ___ for the rest to happen</i></p>	<p>According to the Central Intelligence Agency, "AI-dependent industries and organizations of the future will require massive quantities of data to operate efficiently and competitively. Institutions, companies, and countries already investigating ways to acquire, classify, store, and monetize data will have advantages."</p> <p> The complete integration of digital surveillance technology into physical architecture and infrastructure is the biggest influence on this system. Without the building control capabilities into the environment and the ability to embed monitoring, tracking, and data into physical spaces where people live, work, and interact, the corporate government system cannot achieve total oversight and control.</p>
<p><b>CLIENT PERSPECTIVE</b></p> <p><i>What's your immediate feeling on how your client will react to this scenario?</i></p>	<p>This scenario presents an ethical and professional challenge for Gensler. Their design choices could enable or restrict the integration of surveillance and control into built environments. As the physical embedding of digital monitoring becomes normalized, they face increasing pressure to incorporate these systems into their projects while navigating severe concerns about privacy, well-being, and their role in enabling corporate government control. Their expertise in developing spaces that balance legitimate security needs with human dignity and freedom while at the same time finding ways to create connection and community without enabling pervasive surveillance is dichotomous.</p>

# Driver Outcomes in Collapse

## Space and Knowledge 2040: Shaping Tomorrow’s Learning Environment

YOUR DRIVERS	COLLAPSE <i>one to two sentences</i>
<p>1 Corporate-Platform Control of Societal Systems: The Collapse (Spaces the Restrict)</p>	<p>Inside the Big Tech Association Leaders headquarters, Determiners (top) have achieved total neural-surveillance architecture integration, where every surface monitors and actively suppresses cognitive function. Implementers (middle) operate a pervasive control system that makes independent thought physically impossible. Experiencers (base) are constantly in enforced mental compliance as their brain patterns are continuously scanned, filtered, and corrected through an absolute control structure that has eliminated the very concept of resistance.</p>
<p>2 Dangerous Knowledge Control Systems: The Collapse (Spaces the Restrict)</p>	<p>Under absolute safety protocols, Assessors (top) have weaponized the environment against unauthorized knowledge. At the same time, Guardians (middle) employ nanotechnology to detect and eliminate cognitive patterns that might indicate learning outside approved channels. Underground System Circumventers (base) face immediate neural recalibration as knowledge itself becomes classified as a biological threat, making even the memory of free learning a punishable offense.</p>
<p>3 Mental Health-Based Knowledge Recovery: The Rise (Spaces of Possibility)</p>	<p>Healthy leaders (top) turn toxic from the perversion of healing spaces into weapons of psychological destruction inside trauma-enforcing institutions. Recovery Facilitators (middle) deepened rather than healed trauma, while knowledge access became a source of psychological wounds as every space design broke down mental resilience and prevented Participant (base)healing.</p>
<p>4 Fair Access Distribution Systems: The Rise (Spaces of Possibility)</p>	<p>Architectural designs transform into perfect machines of inequity, making knowledge access physically impossible for most of society. Within stratified environments, Facilitators (top) operate digitally and physical barriers that block knowledge access. At the same time, Resource Allocators (middle) enforce absolute scarcity through automation systems, and Recipients (base) face complete knowledge deprivation through spatial architectural designs.</p>
<p>5 Working Class Truth Control: The Future (Spaces Used to Empower)</p>	<p>The suppression of practical knowledge in favor of speculation makes functional truth illegal. Essential Operations Workers (top) face complete disconnection from practical knowledge as truth verification systems are corrupted to validate only speculative control methods. Truth Checkers (middle) enforce artificial knowledge, while Knowledge Misusers (base) include anyone attempting to preserve understanding, creating environments where working wisdom becomes dangerous misinformation.</p>
<p>6 Community-Based Knowledge Development: The Future (Spaces Used to Empower)</p>	<p>Inside automatized learning environments, Community Leaders and Experienced Guides (top) concede to automated instruction systems that eliminate all human connections and experiential knowledge transfer. Level-Appropriate Educators (middle) enforce isolation protocols while Learners (base) face complete disconnection from community wisdom, creating sterile spaces where shared experience and collective knowledge become impossible.</p>

<p><b>FUTURE OF</b></p>	<p><b>The Future of Information Control 2040</b></p>
<p><b>SCENARIO TITLE</b></p>	<p><b>The Knowledge Danger System</b></p>
<p><b>THIS IS A WORLD IN WHICH...</b></p> <p><i>3-4 sentences that highlight the key elements of the scenario</i></p> <p><i>HINT: This should be more than just a restating of the driver outcomes - what does the world look like when these drivers interact?</i></p>	<p>Inside the Environmental Protection command center, Assessors monitor wall-sized screens displaying real-time knowledge contamination alerts across every learning institution. Automated purification systems instantly sterilize spaces where unauthorized thinking is detected. Through vast networks of sensor-laden architecture, guardians track neural signatures that might indicate exposure to dangerous information, deploying immediate contaminant protocols that transform ordinary rooms into cognitive isolation chambers. Knowledge quarantine zones expand across cities as routine safety screenings identify new categories of hazardous thinking. At the same time, Underground Circumventers face escalating biological countermeasures for attempting to preserve basic scientific or cultural information. The world has become an antiseptic prison of the mind, where system programming enforces intellectual sanitation and human thought through endless layers of safety filtration.</p>
<p><b>WHALE</b></p> <p><i>Can you identify the “whale” of the system that runs this scenario?</i></p> <p><i>Hint: The Whale is the biggest influence on the system. Your world needs this ___ for the rest to happen</i></p>	<p> The extreme biological safety protocols became the primary driver of collapse, as mounting fear transformed every space into a weapon against ‘dangerous’ knowledge. This environmental weaponization became justifiable by treating information as a lethal pathogen, converting space design building designs into cognitive containment for thought sterilization. When basic learning became classified as a biological threat, the safety system countermeasures reached their darkest manifestation, where survival demanded the elimination of human knowledge capacity.</p>
<p><b>CLIENT PERSPECTIVE</b></p> <p><i>What’s your immediate feeling on how your client will react to this scenario?</i></p>	<p>This future reveals the catastrophic implications of designing spaces that treat knowledge as a biological threat, requiring leaders to reconsider how safety features interact with learning environments. Their teams must confront how their environmental protection and containment designs could evolve into weapons against human cognition. Their position as industry leaders allows them to prevent architecture from becoming an intellectual sterilization tool. Their strategic value in redefining how buildings can maintain genuine safety without weaponizing spaces against knowledge could position them to lead an architectural evolution toward cognitive liberty and environmental protection.</p>

# Driver Outcomes Transformation

## Space and Knowledge 2040: Shaping Tomorrow's Learning Environment

YOUR DRIVERS	NEW EQUILIBRIUM <i>one to two sentences</i>
<p>1 Corporate-Platform Control of Societal Systems: The Collapse (Spaces the Restrict)</p>	<p>The transformation toward healing-centered spaces began when the architects of trauma-informed designs demonstrated how control systems harm mental well-being and restrict equitable access. The Recovery and Fairness model outcomes revealed more effective approaches, showing Determiners that therapeutic design and equitable distribution create better results than rigid control. The structure remains the same as the roles evolve through a recovery lens:</p> <ul style="list-style-type: none"> <li>• Determiners (top) shift from control to healing enablement</li> <li>• Implementers (middle) shift from restriction to facilitation</li> <li>• Experiencers (base) shift from subjects to participants</li> </ul>
<p>2 Dangerous Knowledge Control Systems: The Collapse (Spaces the Restrict)</p>	<p>The shift toward healing-informed protection began when trauma-informed practices revealed excessive safety restrictions create system-wide harm while blocking vital knowledge access. The Recovery and Fairness model examples exposed how sharing serves safety goals better than total restrictions, leading to balanced protection methods. The structure remains the same as the roles evolve through a safety lens:</p> <ul style="list-style-type: none"> <li>• Assessors (top) change from restriction to protection</li> <li>• Guardians (middle) change from control to safe sharing</li> <li>• Circumcenters (base) change from resistance to innovation</li> </ul>
<p>3 Mental Health-Based Knowledge Recovery: The Rise (Spaces of Possibility)</p>	<p>The Recovery Knowledge System 2040 - nothing changes</p>
<p>4 Fair Access Distribution Systems: The Rise (Spaces of Possibility)</p>	<p>The Fairness Access System 2040 - nothing changes</p>
<p>5 Working Class Truth Control: The Future (Spaces Used to Empower)</p>	<p>The Working Truth System 2040 - nothing changes</p>
<p>6 Community-Based Knowledge Development: The Future (Spaces Used to Empower)</p>	<p>The Community Knowledge System 2040 - nothing changes</p>

<p><b>FUTURE OF</b></p> <p><i>Add title of your project (including year). E.g. Future of Public Health in 2035</i></p>	<p><b>The Future of Information Control 2040</b></p>
<p><b>SCENARIO TITLE</b></p> <p><i>Fun/memorable name of your scenario</i></p>	<p><b>The Constraining Classes</b></p>
<p><b>THIS IS A WORLD IN WHICH...</b></p> <p><i>3-4 sentences that highlight the key elements of the scenario</i></p> <p><i>HINT: This should be more than just a restating of the driver outcomes - what does the world look like when these drivers interact?</i></p>	<p>Inside the monitored halls of Big Tech headquarters, where every surface tracks and restricts movement, the employees struggle with increasing anxiety and cognitive decline. The transformation began in university libraries, where research librarians documenting widespread student trauma from constant surveillance started modifying security protocols to protect mental well-being. As implementers witnessed their declining ability to function under rigid control, they began creating unofficial healing spaces within the digital-physical infrastructure, unexpectedly revealing how surveillance architecture has suppressed voting access and democratic participation. When evidence shows these modified spaces improve security while restoring human capacity and enabling basic voting rights, the system's transformation from control to healing becomes the only path forward.</p>
<p><b>WHALE</b></p> <p><i>Can you identify the "whale" of the system that runs this scenario?</i></p> <p><i>Hint: The Whale is the biggest influence on the system. Your world needs this ___ for the rest to happen</i></p>	<p> The primary driver from the collapsed state to the transformation state is the widespread psychological trauma from surveillance architecture and control systems. Researchers reported that these spaces damage human cognition and societal trust. Amplified by resistance movements, this documented harm to mental well-being compelled Determiners to acknowledge that control-base spaces threaten humanity's engagement in activities from democratic discourse to market evolution. Also, they recognized how their systems undermine survival by damaging the access to information required for knowledge creation. At the same time, the Implementers witnessed how surveillance architecture corrodes essential human interactions. The transformation became operationally inevitable when the architects proved therapeutic design more effective than protecting security and human potential.</p>
<p><b>CLIENT PERSPECTIVE</b></p> <p><i>What's your immediate feeling on how your client will react to this scenario?</i></p>	<p>Gensler may feel a professional obligation to rethink how their designs impact human well-being and basic rights. Evidence of psychological harm from their surveillance architecture may challenge them to confront their role in creating spaces that exacerbate harm. Their university and corporate clients may demand spaces that protect security and human capacity, possibly challenging them to innovate new design approaches that transform restrictive elements into environments supporting mental health and democratic access. The strategic value of this perspective includes the following:</p> <ul style="list-style-type: none"> <li>• Pioneering healing-centered design solutions and leading industry evolution toward therapeutic security</li> <li>• Transforming surveillance into wellness features by creating new architectural standards for balanced protection</li> </ul>

# Driver Outcomes in New Equilibrium

## Space and Knowledge 2040: Shaping Tomorrow’s Learning Environment

YOUR DRIVERS	NEW EQUILIBRIUM <i>one to two sentences</i>
<p>1 Corporate-Platform Control of Societal Systems: The Collapse (Spaces the Restrict)</p>	<p>The Constraining Classes 2040 -The collapse of control systems through mass circumvention and implementer resistance forces corporate platforms to recognize knowledge restriction creates unsustainable societal dysfunction. This bottom-up transformation, driven by experiencers and supported by implementing classes, compels determiners to shift from restriction to enablement as the only viable path forward, making society's redemption from digital, physical barriers the universal knowledge flow. The infrastructure and class system remain the same while their roles change:</p> <ul style="list-style-type: none"> <li>• Determiners (top) shift from control to enablement</li> <li>• Implementers (middle) shift from restricting to facilitating</li> <li>• Experiencers (base) shift from subjected to empowered</li> </ul>
<p>2 Dangerous Knowledge Control Systems: The Collapse (Spaces the Restrict)</p>	<p>The Knowledge Danger System 2040 -Underground knowledge networks demonstrate how protected sharing proves more effective than total restriction, while system circumventions establish legitimate alternate models that maintain safety without control. This revelation drives assessors and guardians to transform from quarantine enforcers to knowledge protection and enablers, redeeming the system's original safety mission through responsible access rather than rigid control. The safety needs and class system remain the same while their roles change:</p> <ul style="list-style-type: none"> <li>• Assessors (top) evaluate for protection rather than restriction</li> <li>• Guardians (middle) protect through enablement versus barriers</li> <li>• Circumventors (base) innovate legitimately</li> </ul>
<p>3 Mental Health-Based Knowledge Recovery: The Rise (Spaces of Possibility)</p>	<p>The Recovery Knowledge System 2040 - nothing changes</p>
<p>4 Fair Access Distribution Systems: The Rise (Spaces of Possibility)</p>	<p>The Fairness Access System 2040 - nothing changes</p>
<p>5 Working Class Truth Control: The Future (Spaces Used to Empower)</p>	<p>The Working Truth System 2040 - nothing changes</p>
<p>6 Community-Based Knowledge Development: The Future (Spaces Used to Empower)</p>	<p>The Community Knowledge System 2040 - nothing changes</p>

<p><b>FUTURE OF</b></p>	<p><b>The Future of Information Control 2040</b></p>
<p><b>SCENARIO TITLE</b></p>	<p><b>The Constraining Classes</b></p>
<p><b>THIS IS A WORLD IN WHICH...</b></p> <p><i>3-4 sentences that highlight the key elements of the scenario</i></p> <p><i>HINT: This should be more than just a restating of the driver outcomes - what does the world look like when these drivers interact?</i></p>	<p>In 2040, the world has evolved from rigid digital-physical control to manage knowledge enablement, where former restriction points have become regulated centers of learning and sharing. Determiners maintain oversight while enabling broader access, as implementers balance facilitation with necessary boundaries. Experiencers have gained more active roles within structured frameworks, and their constructive input now integrates into supervised knowledge-sharing models that bridge digital and physical realms while maintaining system stability. The architectural environment reflects this balanced transformation - doors, screens, and surfaces that once enforced strict stratification enables managed flow, creating a structured landscape where knowledge moves more freely but not without oversight.</p>
<p><b>WHALE</b></p> <p><i>Can you identify the “whale” of the system that runs this scenario?</i></p> <p><i>Hint: The Whale is the biggest influence on the system. Your world needs this ___ for the rest to happen</i></p>	<div style="display: flex; align-items: flex-start;">  <p>System dysfunction is the primary driver of managed knowledge enablement, where rigid control creates unsustainable operational costs and stifles the innovation necessary for corporate platform survival while eroding privacy rights and educational autonomy. Economic pressures force Determiners to recognize that maintaining strict control costs more than enabling managed knowledge flow, with independent media documenting the mounting dysfunction. At the same time, Implementers find their roles more sustainable through facilitation rather than restriction. This system evolution is further accelerated when Experiencers’ knowledge becomes valuable for innovation, and their cooperation proves more profitable than their resistance, leading to a balanced future where oversight remains. Still, rigid control gives way to managed enablement that preserves fundamental rights and institutional independence.</p> </div>
<p><b>CLIENT PERSPECTIVE</b></p> <p><i>What’s your immediate feeling on how your client will react to this scenario?</i></p>	<p>From a potential profit and human rights perspective, they have an opportunity to lead in designing spaces from control-based to enablement-focused where knowledge flows through buildings. As system dysfunction makes rigid controls expensive, they can pioneer cost-effective design solutions that balance oversight with knowledge-sharing capabilities. Their role is essential in designing spaces where surveillance becomes facilitation, barriers evolve into filters, and control points become connection zones.</p> <p>These transformations position them to deliver the following values:</p> <ul style="list-style-type: none"> <li>• Cost-effective over control-based design</li> <li>• Innovation-enabling spaces</li> <li>• Sustainable architecture solutions</li> <li>• Market leadership opportunity</li> </ul>

## Driver Outcomes in *Unpreferred*

YOUR DRIVERS	PREFERRED <i>one to two sentences</i>
1 Corporate-Platform Control of Societal Systems	By 2040, corporate power, with the government as its handmaiden, will use unified control systems to restrict knowledge access, transforming architectural design into a mechanism for detecting and preventing individual resistance. This integrated corporate-government system specifically targets potential competitors, innovators, and whistleblowers through spaces designed to monitor, expose, and suppress acts of personal courage.
2 Dangerous Knowledge Control Systems	By 2040, the potential for knowledge weaponization will have led to strict control systems determining who can access potentially dangerous information—transforming architectural design into a mechanism for securing and containing knowledge based on safety protocols and risk assessment. This system integration means every space design must protect against knowledge misuse while managing necessary technological and social advancement access.
3 Mental Health-Based Knowledge Recovery	By 2040, society's response to widespread mental health impacts and trauma will transform how knowledge is shared and accessible, making every space a potential site for recovery and healing. This integration means the architecture must support mental well-being, enable healthy engagement with information, and create environments that promote understanding over division.
4 Fair Access Distribution Systems	By 2040, the response to severe digital and resource divides has transformed every space into an access point for equitable knowledge distribution. This integration means the architectural design must ensure fair resource access across racial, social, economic, and various divides -creating environments that actively bridge rather than reinforce divides.
5 Working Class Truth Control	By 2040, those who make society function have become verified truth's primary validators and distributors, transforming every space into a potential site for practical truth-sharing. This integration means the architectural design must support working-class knowledge exchange while enabling temporary restrictions based on knowledge misuse, creating an environment prioritizing operational truth over theoretical control.
6 Community-Based Knowledge Development	By 2040, community, mentorship, and experience-based learning will have transferred neighborhoods into integrated knowledge and development systems, with every space designed to support practical skills building and real-world application. This integration means architecture design must enable strong community connections while supporting balance, technology use, and creating environments as a priority for hands-on learning and meaningful human interaction.

<p><b>FUTURE OF</b></p> <p><i>Add title of your project (including year). E.g. Future of Public Health in 2035</i></p>	<p><b>The Future of Information Control 2040</b></p>
<p><b>SCENARIO TITLE</b></p> <p><i>Fun/memorable name of your scenario</i></p>	<p><b>The Constraining Classes</b></p>
<p><b>THIS IS A WORLD IN WHICH...</b></p> <p><i>3-4 sentences that highlight the key elements of the scenario</i></p> <p><i>HINT: This should be more than just a restating of the driver outcomes - what does the world look like when these drivers interact?</i></p>	<p>In 2040, after the systemic dismantling of voting rights, book access, and constitutional protections, society has transformed around a core division: those who determine and implement constraints on knowledge access versus those who experience these constraints. With the government acting as its handmaiden, corporate power controls the digital and physical infrastructure, determining knowledge access. Three distinct classes emerge:</p> <ul style="list-style-type: none"> <li>• Determiners - corporate leaders with government officials as enforcers, wielding unified legal, market, and technological power</li> <li>• Implementers - system operators who manage control mechanisms and monitor for resistance</li> <li>• Resistors - potential competitors, innovators, and whistleblowers who risk everything to challenge the system</li> </ul>
<p><b>WHALE</b></p> <p><i>Can you identify the "whale" of the system that runs this scenario?</i></p> <p><i>Hint: The Whale is the biggest influence on the system. Your world needs this ___ for the rest to happen</i></p>	<p> In this world where privacy rights, educational autonomy, and independent media no longer exist, the Determiners specifically target individual acts of courage, as no institutional checks remain. With traditional wealth replaced by controller constraints and the government fully absorbed into corporate power, only personal resistance stands against total corporate dominance of knowledge access.</p>
<p><b>CLIENT PERSPECTIVE</b></p> <p><i>What's your immediate feeling on how your client will react to this scenario?</i></p>	<p>The client's reactions may include the following:</p> <ul style="list-style-type: none"> <li>• Every design decision will shape how knowledge can be accessed or restricted in future learning environments.</li> <li>• Implementing institutional requirements for knowledge control will challenge the core principles of designing spaces that enable learning and discovery.</li> <li>• Every space design will determine how people move, what knowledge they can access and transform routine design decisions into choices about who gets to know what.</li> </ul>

# Option Elevator Speech

## Space and Knowledge 2040: Shaping Tomorrow's Learning Environment

<b>FUTURE OF</b>	<b>The Future of Knowledge Control 2040</b>
<b>CLIENT</b>	<b>Gensler Architectural Design Firm</b>

<p><i>Strategic Question</i> <i>What is the issue or opportunity?</i></p>	<p>How might we design spaces that transform from controlling knowledge access to enabling knowledge distribution?</p>		
<p><b>OPTION</b> <i>Response: How should the client respond? Include a memorable name and one-line description</i></p>	<p>Knowledge Bridge Initiative - We can transform barriers into bridges by designing spaces that naturally enable knowledge flow across social boundaries.</p>		
<p><b>WHY IS IT IMPORTANT?</b> <i>Rationale: Describe why the strategic question is worth responding to</i></p>	<p>The strategic question is worth responding to because, in this speculative future, critical timing and strategic value are a priority for the following reasons:</p> <ul style="list-style-type: none"> <li>Digital control systems are increasing, physical barriers are strengthening, class divisions are widening, knowledge gaps are growing, and community spaces are disappearing. We must lead transformation, shape future access patterns, build community resilience, enable knowledge equity, and create sustainable change.</li> </ul>		
<p><b>WHAT SHOULD WE DO ABOUT IT?</b> <i>Strategic response: List key components of long-term strategy across the timeframe of your project</i>  <i>Hint: Phases may be the same as horizon years</i></p>	<p><b>PHASE H1</b> Design discovery</p> <ul style="list-style-type: none"> <li>Document access limitations</li> <li>Access community needs</li> </ul>	<p><b>PHASE H2</b> Bridge building</p> <ul style="list-style-type: none"> <li>Build community interfaces</li> <li>Enable cross-boundary exchange</li> </ul>	<p><b>PHASE H3</b> System transformation</p> <ul style="list-style-type: none"> <li>Build lasting connections</li> <li>Engage ongoing evolution</li> </ul>
<p><b>WHO "OWNS" IT?</b> <i>Responsibility: Identify the long-term internal champion for the issue and option (person and/or function)</i></p>	<p>Senior leaders directly influencing spatial design decisions and project implementation are responsible for how we might design spaces that transform from controlling knowledge access to enabling knowledge distribution, and the Knowledge Bridge Initiative we use to transform barriers into bridges by creating spaces that naturally enable knowledge flow across social boundaries.</p>		

<p><i>Strategic Question</i> <i>What is the issue or opportunity?</i></p>	<p>How might we design spaces that protect knowledge access from digital control system integration?</p>		
<p><b>OPTION</b> <i>Response: How should the client respond? Include a memorable name and one-line description</i></p>	<p>Freedom Flow Design - We can create spaces with built-in resistance to physical barriers and digital control systems.</p>		
<p><b>WHY IS IT IMPORTANT?</b> <i>Rationale: Describe why the strategic question is worth responding to</i></p>	<ol style="list-style-type: none"> <li>1. The strategic question is worth responding to because the immediate stakes require design choices that determine knowledge rights and architects to become the new gatekeepers.</li> <li>2. The systems-level risks lead to irreversible changes and systemically embedded controls.</li> <li>3. The future opportunities for the Implementors and Resisters are becoming increasingly limited.</li> </ol>		
<p><b>WHAT SHOULD WE DO ABOUT IT?</b> <i>Strategic response: List key components of long-term strategy across the timeframe of your project</i> <i>Hint: Phases may be the same as horizon years</i></p>	<p><b>PHASE H1</b> Protect design</p> <ul style="list-style-type: none"> <li>• Design resistance features</li> <li>• Create protection standards</li> </ul>	<p><b>PHASE H2</b> Flow enablement</p> <ul style="list-style-type: none"> <li>• Enable multiple entry points</li> <li>• Ensure system independence</li> </ul>	<p><b>PHASE H3</b> Space liberation</p> <ul style="list-style-type: none"> <li>• Enable ongoing modifications</li> <li>• Ensure lasting accessibility</li> </ul>
<p><b>WHO "OWNS" IT?</b> <i>Responsibility: Identify the long-term internal champion for the issue and option (person and/or function)</i></p>	<p>Senior leaders who bridge spatial design and digital systems understanding are responsible for how we might design spaces that protect knowledge access from digital control system integration and the Freedom Flow Design we use to create spaces with built-in resistance to both physical barriers and digital control systems.</p>		

**TIPPOs**

<b>FUTURE OF</b>	<b>The Future of Information Control 2040</b>
<b>SCENARIO TITLE</b>	<b>The Constraining Classes</b>
<p><i>TRENDS</i> Identify 1-2 trends for each domain category with a link to source. <i>HINT:</i> Add details so that your client doesn't have to click on the link to get the information. Add numbers where possible</p>	<p>Social Design Impact</p> <ul style="list-style-type: none"> <li>• <a href="#">Creator class influence</a> (2020 – current) According to economists and researchers, the influencers' profiles are shifting from institutional to individual <a href="#">information gatekeepers</a>, meaning profit incentives drive <a href="#">division</a> over understanding.</li> </ul> <p>Technical Design Impact</p> <ul style="list-style-type: none"> <li>• <a href="#">Cognitive Rights and Neural Tech</a> - Brain data may become the next frontier of information control, meaning <a href="#">monitoring</a> is moving from theoretical to technically possible.</li> <li>• Government <a href="#">surveillance</a> evolution (2013 – 2022) - The trends range from targeted monitoring to mass surveillance systems, meaning knowledge control shifts from reactive to proactive enforcement.</li> <li>• Information control systems (<a href="#">GDPR</a> to <a href="#">China Social Credit</a>) - The trend ranges from data protection to <a href="#">behavioral</a> control through information access, meaning systems are evolving from protecting privacy to enforcing compliance.</li> </ul> <p>Educational Design Impact</p> <ul style="list-style-type: none"> <li>• Knowledge economy transformation – Some <a href="#">researchers</a> suggest the US is moving from a knowledge accumulation economy to a creativity/wisdom valuation.</li> </ul> <p>Cultural Design Impact</p> <ul style="list-style-type: none"> <li>• Language rights and cultural preservation – Some <a href="#">researchers</a> suggest the US is moving from natural evolution to an active erasure of knowledge systems, meaning cultural knowledge is becoming a target for systematic elimination.</li> </ul>
<p><b>ISSUES (CURRENT &amp; EMERGING)</b> Identify 3-6 current or emerging issues, making it clear what the opposing sides are</p>	<p>The Constraining Classes</p> <ul style="list-style-type: none"> <li>• Class-based access control versus universal rights access</li> </ul> <p>The Knowledge Danger System</p> <ul style="list-style-type: none"> <li>• Safety/access balance versus unrestricted information flow</li> </ul> <p>The Working Truth System</p> <ul style="list-style-type: none"> <li>• Power structure resistance versus system maintenance</li> </ul> <p>The recovery knowledge system</p> <ul style="list-style-type: none"> <li>• Mental health impacts versus system efficiency</li> </ul> <p>The Fairness Access System</p> <ul style="list-style-type: none"> <li>• Resource distribution versus merit-based access</li> </ul> <p>The Community Knowledge System</p> <ul style="list-style-type: none"> <li>• Experience-based learning versus standardized education</li> </ul>

**PLANS**

Identify 2-3 announced plans selected from your external Stakeholder groups. Include stakeholder, the plan, timeframe and a link.

HINT: most of these should have a timeframe – add the year detail!

**Technology Companies - Control Systems (2025-2030)**

- According to neuroscience reports, the [brain-computer interface](#), referencing neural interface integration, has an expected early adoption rate by 2025.

**Creator Class Dominance**

- According to [Goldman Sachs](#), the creator class is expected to hit market dominance by 2027. The \$480 billion industry leaders prioritize followers through AI-driven platforms.

The speculative plans based on the impact futures wheels, trends, research, and interviews include the following:

- Physical-digital integration - Smart building systems becoming surveillance tools driven by the need for spaces that protect rather than monitor
- Space control evolution - architecture becoming access control mechanisms driven by the opportunity to create liberation-focus spaces
- Neural interface architecture - Buildings integrating with brain-computer interfaces driven by the need for cognitive liberty protection
- Cultural space transformation - learning spaces becoming restricted zones driven by the need to create inclusive knowledge sharing environments
- Knowledge flow design - Buildings as information gatekeepers driven by the need to design for free knowledge circulation

**Note:** The links in the section lead to the following screenshots. I will upload the intelligence report with this worksheet, it is a google link to a downloadable pdf.

**PROJECTIONS**

Identify 1-2 publically-available forecasts on your domain or one of your domain map categories. Include title, one sentence description, one key insight about the future, the timeframe and link

HINT: most of these should have a timeframe – add the year details

**GLOBAL TRENDS 2020**  
A MORE CONTESTED WORLD

**SCENARIOS FOR 2040**  
**RENAISSANCE OF DEMOCRACIES**  
The world is in the midst of a resurgence of open democracies led by the United States and its allies. Rapid technological advancements fostered by public-private partnerships in the United States and other democratic societies are transforming the global economy, raising incomes, and improving the quality of life for millions around the globe. In contrast, years of increasing societal controls and monitoring in China and Russia have stifled innovation.

**Brain computer interface market forecast to surpass US\$1.6B in 2045**  
**The core value of brain computer interfaces**  
Allows demographics with paralysis to interact with electronics devices, communicate and regain independent mobility. This enables them to better integrate with society and improve their quality of life.  
**The main market challenge**  
Combining the user-friendly and accessibility qualities of non-invasive technologies with the data quality and functionality enabled through invasive technologies.

**Influencer marketing is forecast to ramp up**  
US influencer marketing spend on major platforms

Year	Marketing spend (\$ billion)	Year-over-year growth (%)
2019	~2.5	~10
2020	~3.0	~20
2021	~4.0	~33
2022	~5.0	~25
2023	~6.0	~20
2024	~7.0	~17

**Brand-direct deals are the largest source of income for creators**  
Survey question: What is the highest earning revenue source for you as a creator?

Revenue Source	Percentage
Brand deals	~65%
Ad revenue	~10%
Sponsored content	~5%
Affiliate links	~5%
Courses	~5%
MLB live investment	~5%
Tips	~5%
Other	~5%

**OBSTACLES**

Identify 1-2 current or emerging factors impeding change in your domain including a link

The system-level obstacles include the following:

- Current power structures - entrenchment interests actively resist changes that threaten their control
- Technology access gaps - systemic inequities prevent uniform adoption of new solutions
- Mental health stigma - Social attitudes limit the understanding of knowledge trauma
- Language barriers - Cultural and linguistic divisions complicate unified approaches

# Scanning Form

<b>TITLE</b>	The Gates Foundation's education advisor on the future of learning, labor, and the knowledge economy	<b>AUTHOR</b>	Joel Leeman				
<b>BRIEF SOURCE</b>	YouTube	<b>DATE</b>	11/09/2023				
<b>STEEP CATEGORIES</b> <i>Highlight relevant</i>	Social   Technology   <b>Economic</b> Environmental   Political	<b>KEYWORDS</b>	Higher Education, Knowledge-Economy, Learning				
<b>URL</b>	<a href="https://www.youtube.com/watch?v=-WosvG4OVUo">https://www.youtube.com/watch?v=-WosvG4OVUo</a>						
<b>TYPE</b> <i>Highlight one</i>	<b>Actual Event</b>   New Trend   New Cycle   New Plan   Potential Event   New Info   New Issues						
<b>BRIEF DESCRIPTION</b>	Today, I'm talking to Dale Whittaker on the show. I wanted to pick Dale's brain on the state of higher education worldwide, both from his perch inside institutions and now outside as part of the Gates Foundation. We talk about how education relates to careers today, how artificial intelligence will impact the future of learning, and how education remains one of the strongest levers and predictors of economic mobility. We also dig into various alternative learning movements, like coding boot camps and Google certifications, and unpack the real value of higher education today.						
<b>HOW COULD THE FUTURE BE DIFFERENT AS A RESULT?</b>	We are moving from a knowledge economy to a creativity and wisdom economy. The future economy demands developed talent through college education, specifically in thought and knowledge capacity. In a speculative future, any form of knowledge sharing can be a crime, if this happens we could move from a knowledge economy to an ignorant economy.						
<b>POTENTIAL IMPLICATION(S) FOR CLIENT</b>	The implications of a knowledge and idea economy include moving our narratives and dialogues in a positive direction to motivate the 50% of people without a college degree to obtain specialized training and certifications in a high-demand discipline, lower demand for transactional cognition, increase the demand for relationship activities, change the way we learn, and achieve economic mobility.						
<b>HORIZON</b> <i>Highlight one horizon and explain</i>	<b>H1 confirming</b> <i>baseline scenario</i>	<b>H2 resolving</b> <i>between scenarios</i>	<b>H3 creating</b> <i>new scenario</i>	<b>IMPACT</b> <i>0 to 5</i>	Type 3	<b>PLAUSIBILITY</b> <i>0 to 5</i>	Type 4.5
	We are emerging from a knowledge economy to a creativity and wisdom economy.			<b>NOVELTY</b> <i>0 to 5</i>	Type 1	<b>CREDIBILITY</b> <i>0 to 5</i>	Type 4.5
<b>SCANNER</b>	Autonnette McLaughlin		<b>DATE SUBMITTED</b>	09/08/2024			

# Scanning Form

Fill out the scanning form according to the instructions in the cells and the examples in the scanning deck. *Note: additional instruction in the slide notes.*

<b>TITLE</b>	Multilingual education, the bet to preserve indigenous languages and justice: The premiere of The Woman of Stars and Mountains, about the case of Rita Patiño, took place in Mexico on International Mother Language Day with UNESCO.	<b>AUTHOR</b>	UNESCO				
<b>BRIEF SOURCE</b>	UNESCO	<b>DATE</b>	03/05/2024				
<b>STEEP CATEGORIES</b> <i>Highlight relevant</i>	<b>Social</b>   Technology   Economic Environmental   Political	<b>KEYWORDS</b>	Multilingual education, Indigenous languages, social justice				
<b>URL</b>	<a href="https://www.unesco.org/en/articles/multilingual-education-bet-preserve-indigenous-languages-and-justice">https://www.unesco.org/en/articles/multilingual-education-bet-preserve-indigenous-languages-and-justice</a>						
<b>TYPE</b> <i>Highlight one</i>	<b>Actual Event</b>   New Trend   New Cycle   New Plan   Potential Event   New Info   New Issues						
<b>BRIEF DESCRIPTION</b>	The authors advocate for language preservation as a human right that deserves normalization without penalty. The Indigenous people's cultural survival depends on language preservation through bilingual education and inclusive institutional spaces. These spaces have been developing by addressing cultural insensitivities through indigenous art.						
<b>HOW COULD THE FUTURE BE DIFFERENT AS A RESULT?</b>	The criminalization of knowledge occurs when native language use is pathologized into symptoms of mental illness, transforming cultural expression into evidence of abnormality. This medicalization creates a self-reinforcing system where linguistic differences become diagnostic criteria, cultural differences are converted into psychiatric conditions, institutional containment is justified through medical frameworks, and language barriers are weaponized systematically.						
<b>POTENTIAL IMPLICATION(S) FOR CLIENT</b>	The potential implications include healthcare systems failures from rights violation cycles, language extinction from cultural erasure, and educational inequality from systemic exclusion.						
<b>HORIZON</b> <i>Highlight one horizon and explain</i>	<b>H1 confirming</b> <i>baseline scenario</i>	<b>H2 resolving</b> <i>between scenarios</i>	<b>H3 creating</b> <i>new scenario</i>	<b>IMPACT</b> <i>0 to 5</i>	Type 3	<b>PLAUSIBILITY</b> <i>0 to 5</i>	Type 4
	This article is an current event that reflects our trajectory towards gross negligence of diversity and inclusion.			<b>NOVELTY</b> <i>0 to 5</i>	Type 4	<b>CREDIBILITY</b> <i>0 to 5</i>	Type 3
<b>SCANNER</b>	Autonnette McLaughlin	<b>DATE SUBMITTED</b>	09/08/2024				

# Scanning Form

<b>TITLE</b>	The Battle for Your Brain: A Legal Scholar's Argument for Protecting Brain Data and Cognitive Liberty	<b>AUTHOR</b>	Nita A. Farahany and Paul W. Grimm				
<b>BRIEF SOURCE</b>	Judicature	<b>DATE</b>	2024				
<b>STEEP CATEGORIES</b> <i>Highlight relevant</i>	<b>Social</b>   Technology   Economic Environmental   Political	<b>KEYWORDS</b>	Cognitive Liberty, Brain Data,				
<b>URL</b>	https://judicature.duke.edu/articles/the-battle-for-your-brain-a-legal-scholars-argument-for-protecting-brain-data-and-cognitive-liberty/						
<b>TYPE</b> <i>Highlight one</i>	Actual Event   New Trend   New Cycle   New Plan   Potential Event   New Info   <b>New Issues</b>						
<b>BRIEF DESCRIPTION</b>	Neurotechnology may be the next great tech frontier, but how brain data is accessed — and who has access to it — will be the next great legal battleground, with implications for privacy, freedom of thought, and self-determination.						
<b>HOW COULD THE FUTURE BE DIFFERENT AS A RESULT?</b>	Increasingly, brain sensors are embedded in headbands, hard hats, or baseball caps. Coming soon is the integration of those brain sensors into earbuds, headphones, and watches. The big change coming is that all of the major technology companies are investing in and integrating brain sensors into everyday technology not just to pick up what's happening in your brain but also to become the way that you interact with other technology — what we call neural interface technology. When it becomes the primary way we interface, all our brain data will be up for grabs. It can be interpreted to understand what we're doing precisely and to try to change our behaviors.						
<b>POTENTIAL IMPLICATION(S) FOR CLIENT</b>	Cognitive liberty is a fundamental human right to access and change our brains and be safeguarded against others doing so. The basic definition of cognitive liberty is the right to self-determination over our brain and mental experiences: the right to access information and the right to change our brains if we choose — whether that's to enhance them or diminish them, to have a glass of wine, or decide to go to law school. The freedom of thought must extend beyond religion and belief. If not, we may lose ownership of our knowledge to the highest bidder.						
<b>HORIZON</b> <i>Highlight one horizon and explain</i>	<b>H1 confirming</b> <i>baseline scenario</i>	<b>H2 resolving</b> <i>between scenarios</i>	<b>H3 creating</b> <i>new scenario</i>	<b>IMPACT</b> <i>0 to 5</i>	Type 3.5	<b>PLAUSIBILITY</b> <i>0 to 5</i>	Type 4.5
	The weak signals of cognitive liberty and technology were noticed as early as the 20th century.			<b>NOVELTY</b> <i>0 to 5</i>	Type 1	<b>CREDIBILITY</b> <i>0 to 5</i>	Type 4.5
<b>SCANNER</b>	Autonnette McLaughlin		<b>DATE SUBMITTED</b>	09/08/2024			

# Scanning Form

Fill out the scanning form according to the instructions in the cells and the examples in the scanning deck. *Note: additional instruction in the slide notes.*

<b>TITLE</b>	The Invisible Rulers Turning Lies Into Reality		<b>AUTHOR</b>	Renee DiResta				
<b>BRIEF SOURCE</b>	YouTube		<b>DATE</b>	06/30/2024				
<b>STEEP CATEGORIES</b> <i>Highlight relevant</i>	<b>Social</b>   Technology   Economic Environmental   Political		<b>KEYWORDS</b>	Social Media Empowerment, Communications Theory, Group Think, Social Influencers				
<b>URL</b>	<a href="https://www.youtube.com/watch?v=Ad2gjdN_k5Y">https://www.youtube.com/watch?v=Ad2gjdN_k5Y</a>							
<b>TYPE</b> <i>Highlight one</i>	<b>Actual Event</b>   New Trend   New Cycle   New Plan   Potential Event   New Info   New Issues							
<b>BRIEF DESCRIPTION</b>	Influence has transformed from centralized media control to a decentralized network where multiple creator identities compete for attention through time-specific impact moments. This new Creator Class builds power through revenue generation, audience connection, view metrics, cultural influence, political impact, and ideological marketing. The primary dynamics include profit increases with controversy, conspiracy, and information gaps while decreasing with average/factual content. Trolls (Russian) and counter-trolls amplify engagement by providing rally points for deeper entrenchment. Case example: Amazing Polly demonstrates how identity-driven controversy converts into influence and profit.							
<b>HOW COULD THE FUTURE BE DIFFERENT AS A RESULT?</b>	The future could transform from a system of control to liberation, where spaces actively resist physical and digital restrictions on knowledge access. Instead of the Creator class profiting from division and digital systems enforcing barriers, we could see spaces designed to protect knowledge flow, technology that rewards understanding of controversy, and communities empowered through shared learning networks.							
<b>POTENTIAL IMPLICATION(S) FOR CLIENT</b>	This alternative future depends on today's critical choices about how we design spaces, what we incentivize in our platforms, and how we protect knowledge rights. The key lies in recognizing that architecture, technology, and community systems can enable control or ensure freedom. They can choose to build for liberation rather than restriction.							
<b>HORIZON</b> <i>Highlight one horizon and explain</i>	<b>H1 confirming</b> <i>baseline scenario</i>		<b>H2 resolving</b> <i>between scenarios</i>	<b>H3 creating</b> <i>new scenario</i>	<b>IMPACT</b> <i>0 to 5</i>	Type 4	<b>PLAUSIBILITY</b> <i>0 to 5</i>	Type 3
	The creator class is shaping information access and control through profit and influence.				<b>NOVELTY</b> <i>0 to 5</i>	Type 3	<b>CREDIBILITY</b> <i>0 to 5</i>	Type 3
<b>SCANNER</b>	Autonnette McLaughlin		<b>DATE SUBMITTED</b>	10/01/2024				

# Scanning Form

<b>TITLE</b>	Groundwater: The Hidden Front Line of Climate Change - A conversation with Anthony Acciavatti, who sees water rights and resource distribution coming to a head beneath our feet	<b>AUTHOR</b>	Sebastian Lopez Cardozo and Hariash Krishnamoorthy				
<b>BRIEF SOURCE</b>	The Architect's Newspaper	<b>DATE</b>	09/06/2024				
<b>STEEP CATEGORIES</b> <i>Highlight relevant</i>	Social   Technology   Economic <b>Environmental</b>   Political	<b>KEYWORDS</b>	Groundwater analysis, critical control points, distribution networks, privatization of shared networks				
<b>URL</b>	<a href="https://www.archpaper.com/2024/09/conversation-anthony-acciavatti-water-rights-resource-distribution/">https://www.archpaper.com/2024/09/conversation-anthony-acciavatti-water-rights-resource-distribution/</a>						
<b>TYPE</b> <i>Highlight one</i>	Actual Event   New Trend   New Cycle   New Plan   Potential Event   <b>New Info</b>   New Issues						
<b>BRIEF DESCRIPTION</b>	Anthony Acciavatti explains how tube wells create decentralized groundwater extractions that shift the earth's axes and bypass traditional water infrastructure. This distributed control system, a tragedy of the commons archetype, creates new patterns of inequality while demonstrating how minor technologies can have a global impact.						
<b>HOW COULD THE FUTURE BE DIFFERENT AS A RESULT?</b>	The tube well system reveals how distributed infrastructure can create planetary effects while enabling private control of shared resources through architectural means. The pattern behaviors allow minor access points to become control mechanisms beyond traditional borders and regulatory systems. The implications suggest teacher knowledge control may operate through similar distributed networks.						
<b>POTENTIAL IMPLICATION(S) FOR CLIENT</b>	Critical control points in expansive systems, such as architectural design shaping access to vital resources, may have societal impacts. Gensler's understanding of how distributed architectural features create these systemic impacts positions them to design spaces that balance distributed access with sustainability.						
<b>HORIZON</b> <i>Highlight one horizon and explain</i>	<b>H1 confirming</b> <i>baseline scenario</i>	<b>H2 resolving</b> <i>between scenarios</i>	<b>H3 creating</b> <i>new scenario</i>	<b>IMPACT</b> <i>0 to 5</i>	Type 4	<b>PLAUSIBILITY</b> <i>0 to 5</i>	Type 3
	Acciavatti suggested that the tube well system is currently experiencing measurable shifts and dependencies that are causing immediate effects on current infrastructures.			<b>NOVELTY</b> <i>0 to 5</i>	Type 4	<b>CREDIBILITY</b> <i>0 to 5</i>	Type 4
<b>SCANNER</b>	Autonnette McLaughlin		<b>DATE SUBMITTED</b>	11/10/2024			