

# Dreamarks

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MAGAZINE



## Easy Inventions

&

## Simple Marketing

Constructing & Rendering Various Simple Ideas by  
Understanding The Basic Structures of Science & Market Needs  
To Create Product Solutions From Detected Demands

# Dreamarks Magazine

## About Dreamarks

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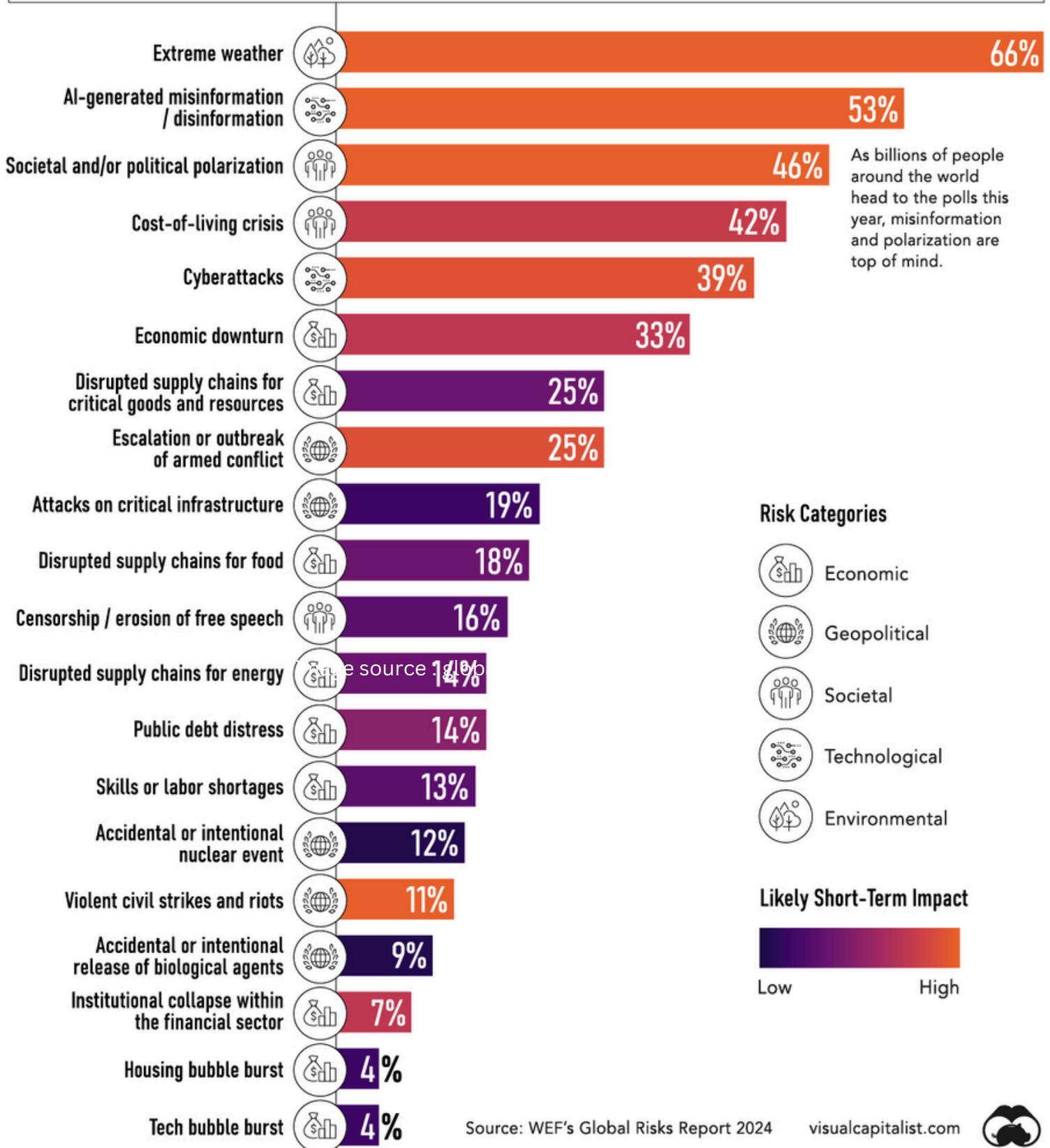
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# Today Global Risks Analysis

## THE TOP GLOBAL RISKS IN 2024

The World Economic Forum surveyed 1,490 leaders on the top global risks in 2024 and their potential scale of impact.

**Q** Please select up to five risks that you believe are most likely to present a material crisis on a global scale in 2024.



Source: WEF's Global Risks Report 2024

visualcapitalist.com



# Strategy Alignment Priorities Between Government & Business

Promote synergies between technology and human capital development

**For businesses:** Align strategies on education, workforce development and innovation to ensure technology and human capital evolve in tandem.

**For governments:** Strengthen integration of innovation, knowledge and learning ecosystems and policies through partnerships with educators, technologists and industry leaders.

Strengthen anticipatory and data-driven decision-making

**For businesses:** Use foresight tools, big data analytics and real-time feedback loops to inform operational and strategic decision-making. Invest in leadership development and create agile governance structures to break silos and encourage innovation and dynamic decision-making.

**For governments:** Institutionalize foresight practices and anticipatory policy design. Develop decentralized decision-making mechanisms and national data frameworks that balance privacy with the need for robust, actionable insights into economic trends. Invest in developing public sector talent to strengthen innovation and change management.

Future-proof education and training systems

**For businesses:** Establish dynamic partnerships with educational institutions to co-develop industry-relevant curricula and invest in robust in-house reskilling and upskilling programmes. Invest in talent development and ensure equitable access to training opportunities.

**For governments:** Strengthen the education and training ecosystem to meet evolving labour market needs, increase skills transferability, ensure equitable access to learning and encourage lifelong learning, technological literacy, adaptability and creativity.

Anticipate talent needs and develop workforce transition policies

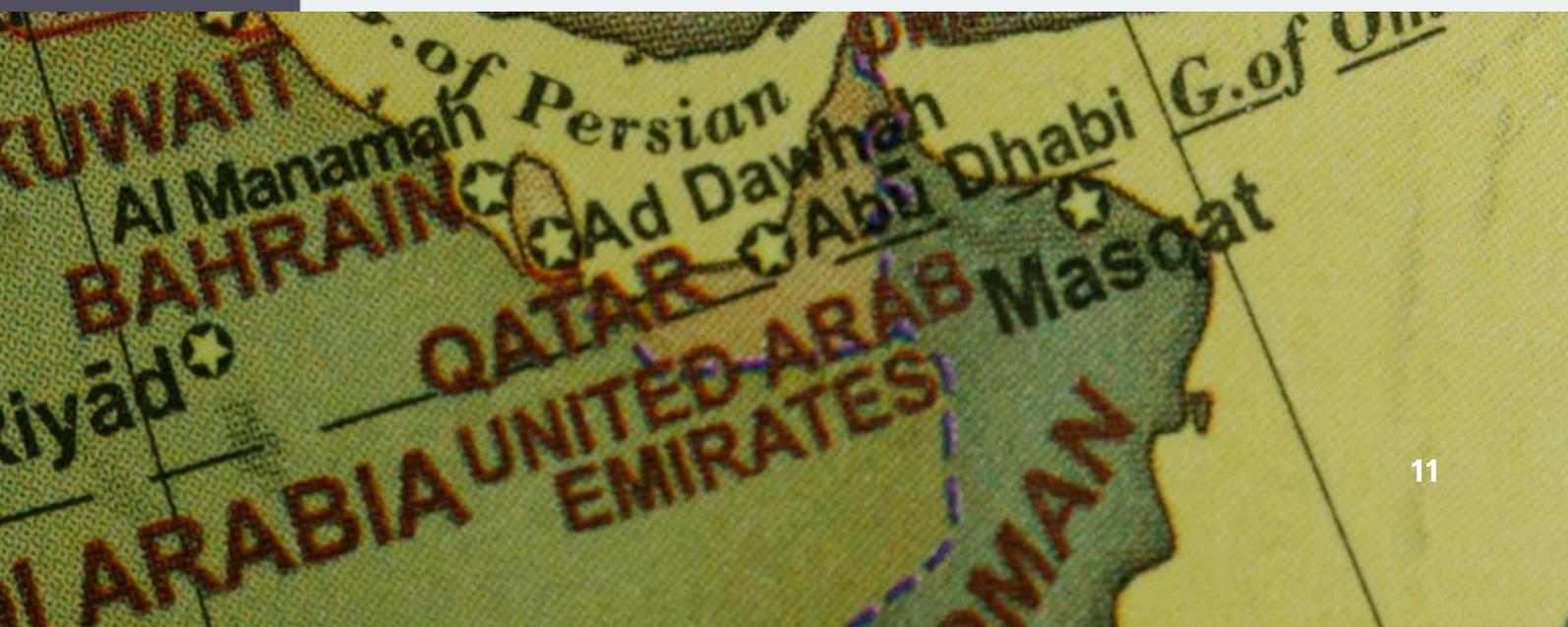
**For businesses:** Establish talent mobility frameworks to enable transition across occupations and to tap into global talent pools as business needs evolve. Invest in augmentation and involve workers in digitalization and automation processes.

**For governments:** Develop workforce transition policies and strengthen safety nets for workers at risk of displacement. Engage businesses to co-create sector-specific training pipelines and incentivize investment in human capital development and retention. Strengthen workforce inclusion and develop talent mobility policies to attract top global talent, e.g. through fast-track visas.

Accelerate adoption and diffusion of emerging technologies

**For businesses:** Collaborate with governments, technology leaders and industry peers on initiatives to scale and disseminate productivity-enhancing technologies throughout the value chain. Invest in developing technological leadership and align technology and operational strategies to maximize return on investments.

**For governments:** Reduce barriers to technology access for smaller firms and underserved regions through subsidies, infrastructure investments, regulatory sandboxes and public-private innovation hubs. Incentivize innovation and entrepreneurship culture and ensure broad-based participation across the economy (e.g. small and medium business, rural and urban areas).





# Strategy Alignment Priorities Between Government & Business

Invest in the trustworthiness of emerging technologies

Strengthen critical infrastructure

Bridge regional and sectoral gaps to mitigate productivity divergence

Strengthen resilience to geopolitical disruption

**For businesses:** Implement ethical frameworks and guardrails to ensure transparency in technology design, development and deployment and to build accountability and stakeholder trust. Engage stakeholders through open communication.

**For governments:** Develop ethical frameworks and transparent regulations for AI and automation to address societal concerns and build public trust in new technologies. Engage society and industry stakeholders to develop policies that address biases and balance innovation with accountability.

**For businesses:** Integrate digital infrastructure upgrades into core strategy and invest in supply chain infrastructure to build resilience, improve efficiency and maximize market access.

**For governments:** Invest in infrastructure development to close digital gaps, increase resilience and boost efficiency in critical areas such as transportation and energy.

**For businesses:** Develop localized strategies to secure supply chains, market access and efficiency in peripheral areas of operation. Partner with governments, educational institutions and other stakeholders to facilitate adoption of emerging technologies and the development of human capital across underserved regions, sectors and value chain components.

**For governments:** Invest in regional innovation hubs, reduce informality and implement targeted policies to support lagging regions and industries, including targeted investments, tax incentives and workforce relocation and development programmes.

**For businesses:** Strengthen technology supply chains through diversification and safeguard access to human capital by investing in flexible workforce strategies, such as cross-border talent mobility and expanded remote working.

**For governments:** Pursue bilateral and multilateral agreements to safeguard knowledge exchange, movement of people and supply-chain continuity, while diversifying to reduce reliance on any single region or market.





# Resilience Strategy To Enhance Corporate Capabilities

Most-prioritized actions by companies in response to current trends and uncertainties

## Resilience dimensions

### Financial resilience

- Implement tight cost controls (73%)
- Improve working capital and cash conversion (62%)
- Achieve pricing excellence and implement margin management (61%)

### Organizational resilience

- Retain workforce (63%)
- Ensure leadership resilience (60%)
- Attract workforce (56%)

### Operational resilience

- Apply automation to enhance the resilience of the operations (66%)
- Review sourcing strategies (64%)
- Improve inventory management (56%)

### Digital and technological resilience

- Improve cybersecurity, information security and data protection (77%)
- Improve data quality and availability (70%)
- Review core tech infrastructure (64%)

### Market position and demand resilience

- Seek strategic alliances (59%)
- Reassess existing portfolio (58%)
- Continuously evolve and improve customer journeys (58%)

### Societal alignment and purpose

- Integrate sustainable practices across organization (48%)
- Implement robust ESG reporting frameworks (47%)
- Establish mechanisms for stakeholders engagement in corporate governance (45%)

## Resilience capabilities

### Foresight capabilities

- Enhance data collection and analysis capabilities (56%)
- Conduct regular scenario analyses and stress-testing (44%)
- Invest in data analytics tools and integrate them into strategic planning (42%)

### Disruption preparation capabilities

- Establish KPIs to track progress against resilience objectives (59%)
- Define responsibilities at executive level for disruption preparation (58%)

### Crisis response capabilities

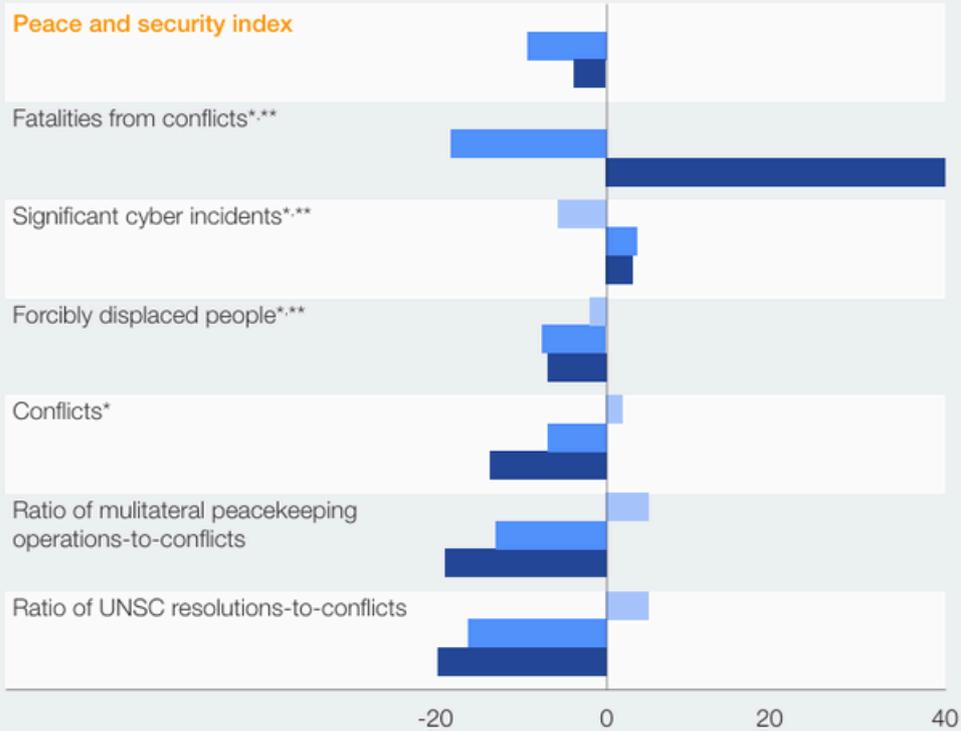
- Develop business continuity plans in the event of crises (71%)
- Develop plans for rapidly scaling up response efforts in a crisis (51%)

### Strategic reorientation capabilities

- Set, monitor and evaluate KPIs to track strategic reorientation efforts (63%)
- Implement continuous improvement practices (55%)

# Escalating conflicts have continued to drag on overall global cooperation

Compound annual growth rate (CAGR) %



\*Metrics were reflected given negative connotation.

\*\*Outcome metrics.

**Note:** Fatalities from conflicts is a lagging indicator.

**Sources:** United Nations High Commission on Refugees (UNHCR), UPPSALA, Center for Strategic and International Studies (CSIS), Stockholm International Peace Research Institute (SIPRI), United Nations Security Council (UNSC), McKinsey & Company analysis.

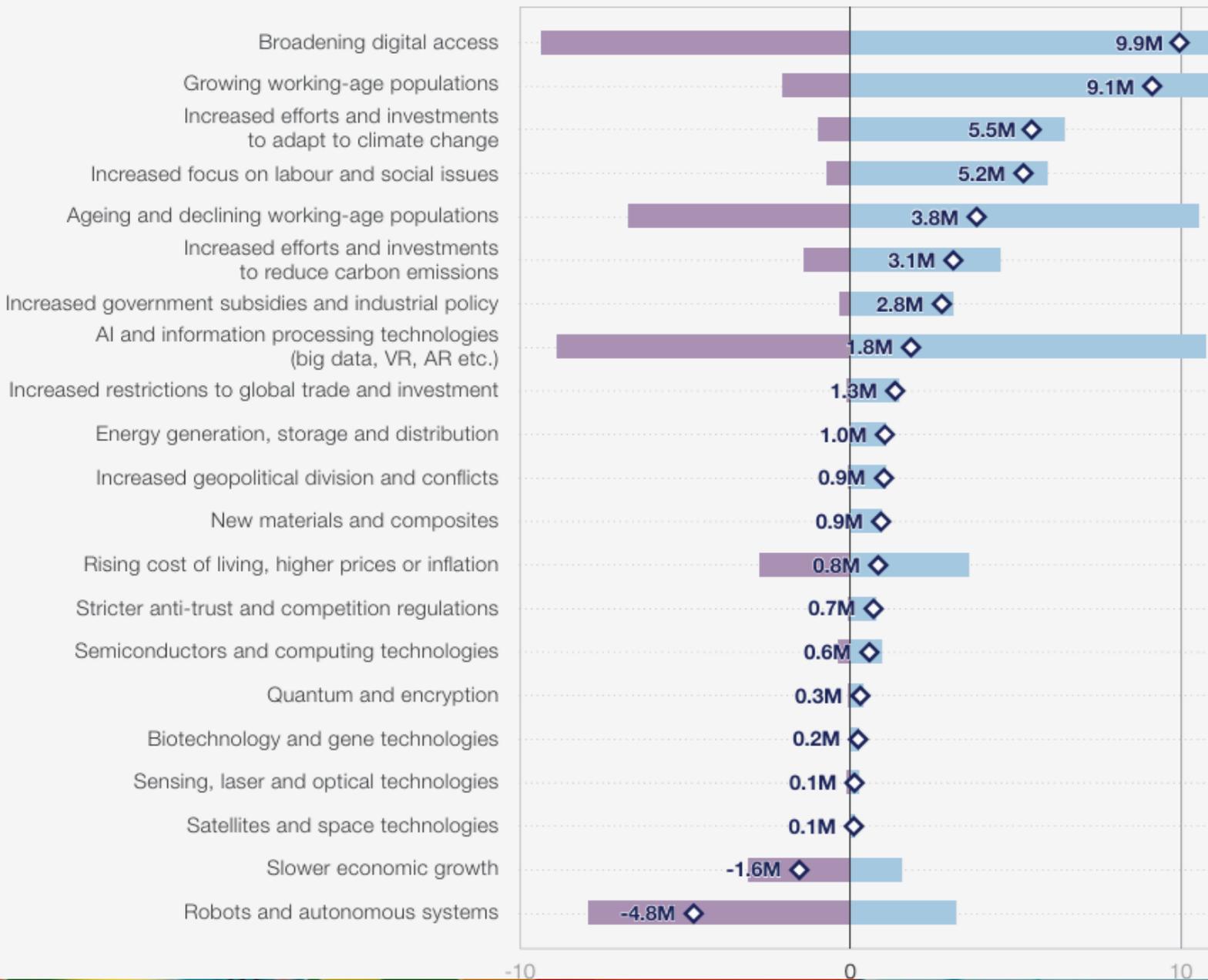
Improvement in: 2012-20 3/6 2020-22 1/6 2022-23 2/6

2012-20 2020-22 2022-23

## World Economy Forum

Metrics of The Decreased Aspects  
Fatalities Concerning  
Overall Global Cooperation



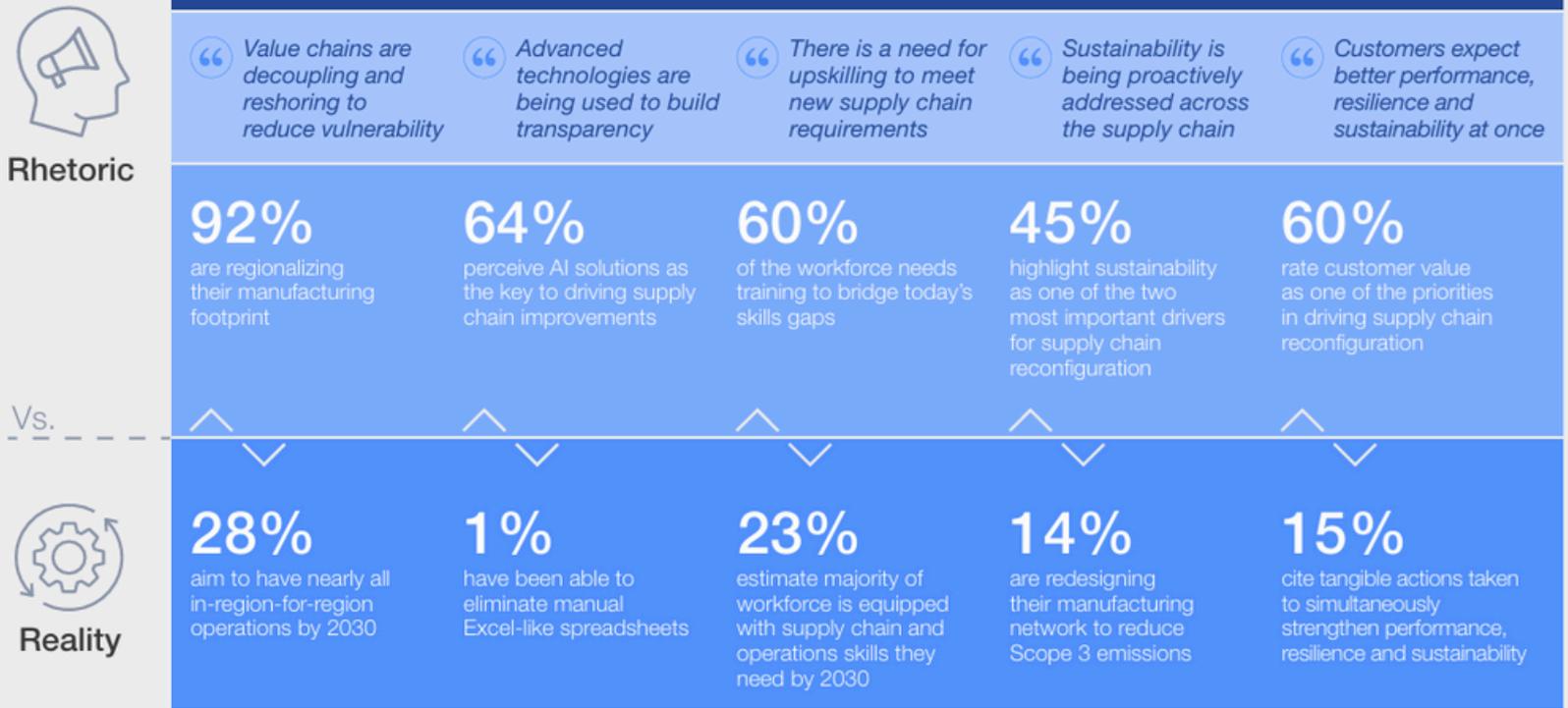


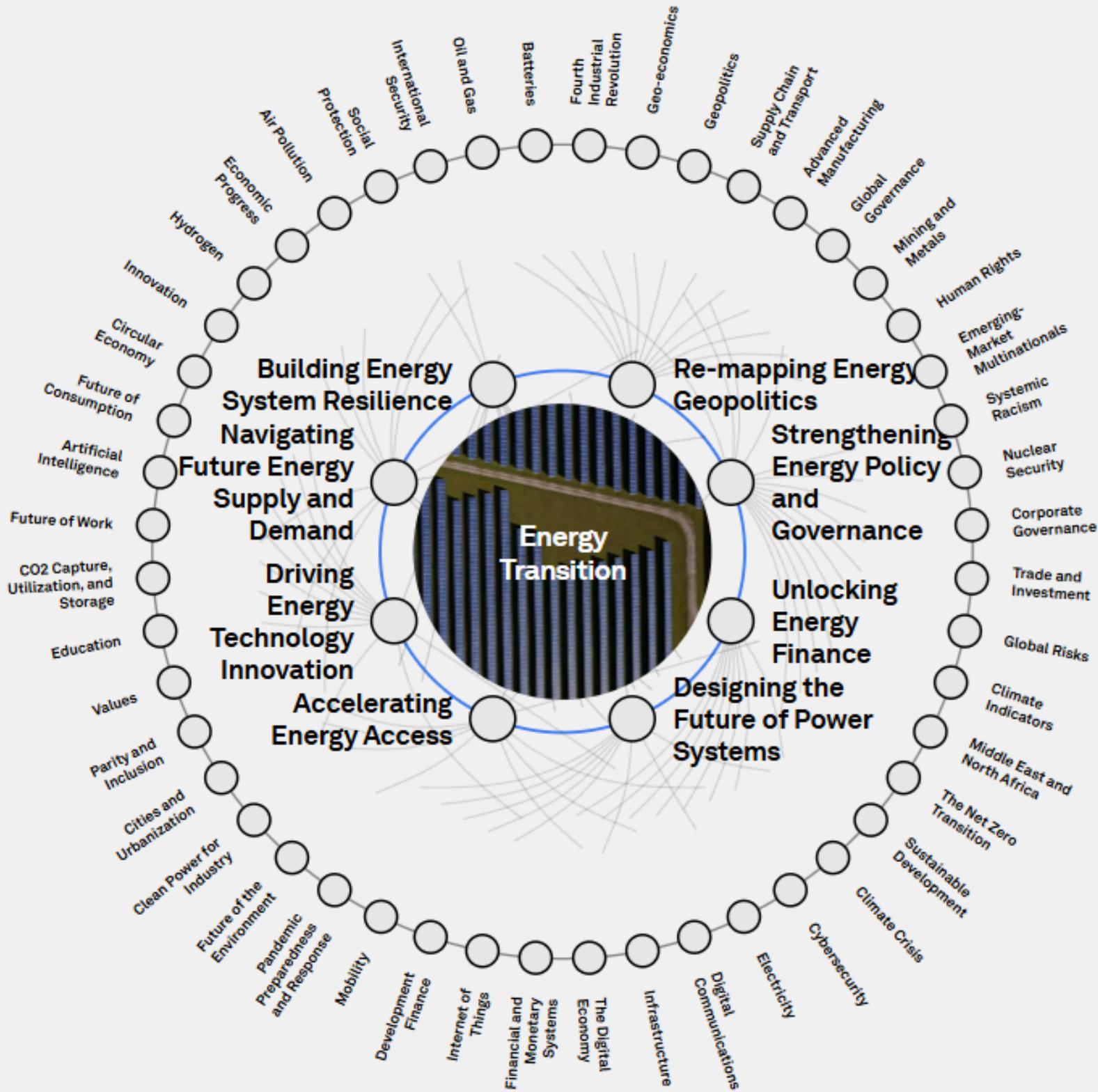
## World Economy Forum Map of The Future Job Scopes



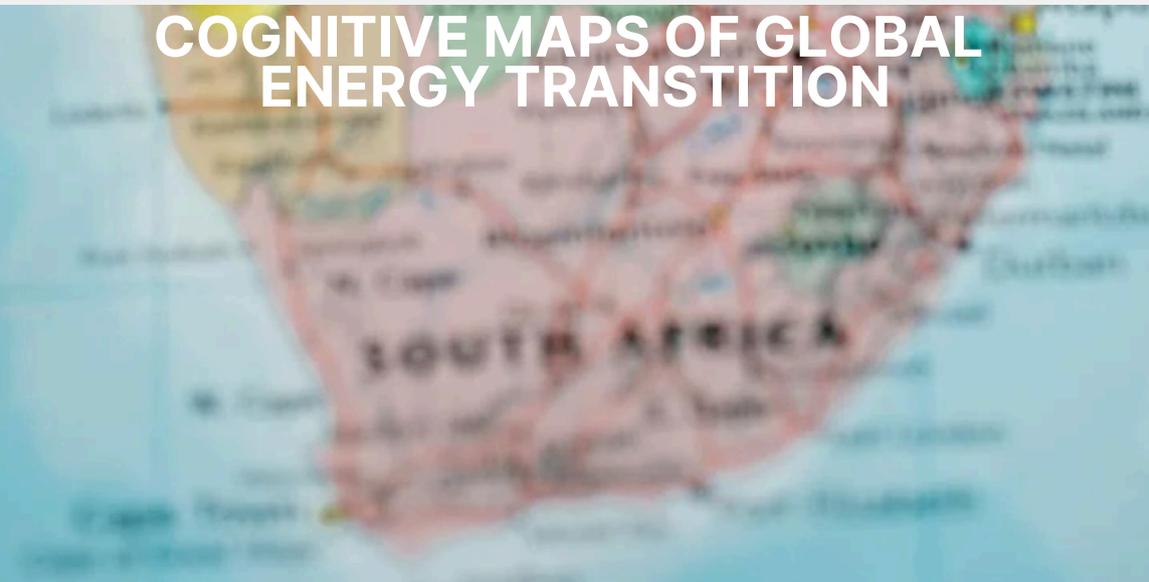
FIGURE 1

Rhetoric vs. reality across the five trends shaping the next generation of value chains





# COGNITIVE MAPS OF GLOBAL ENERGY TRANSITION



### Converger

Limited contribution of the manufacturing sector to GDP, and a GDP per capita level that sits above the global average

### Scaler

Strong contribution of the manufacturing sector to GDP, together with a GDP per capita level above the global average

Country archetypes<sup>1</sup>



GDP<sup>4</sup>

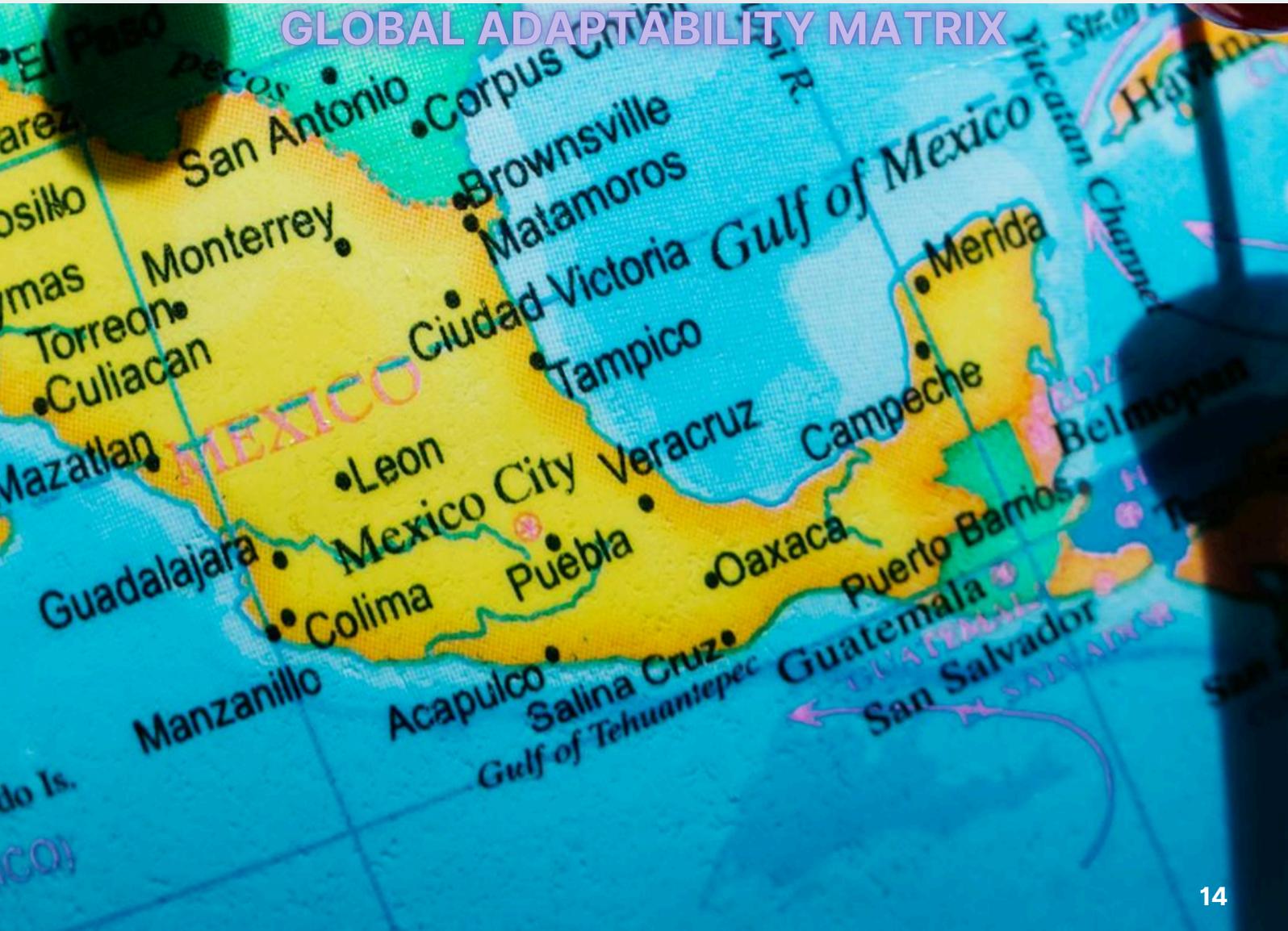
### Adapter

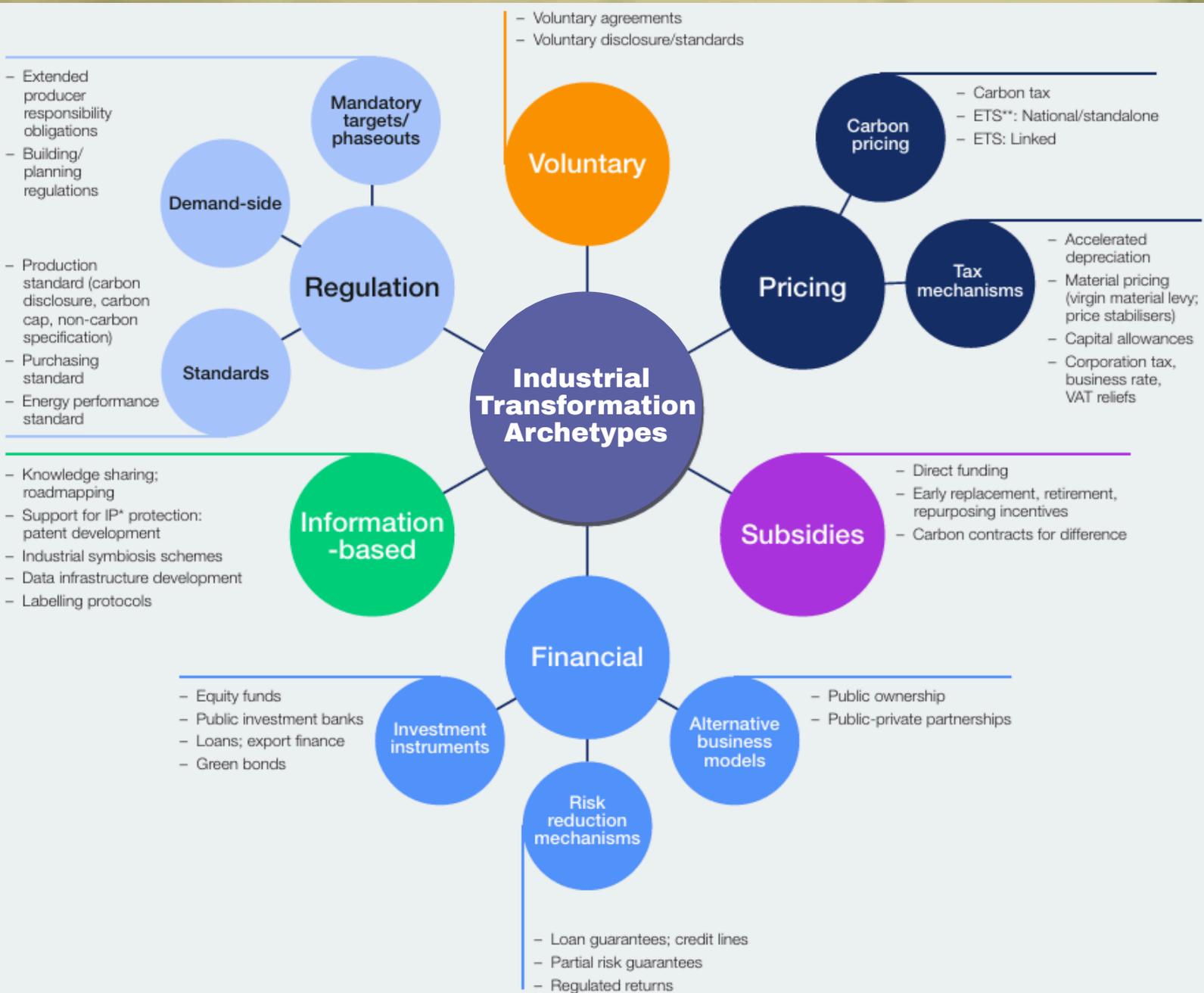
Limited contribution of the manufacturing sector to GDP, and a GDP per capita level that sits below the global average

### Connector

Strong contribution of the manufacturing sector to GDP, together with a GDP per capita level below the global average

## GLOBAL ADAPTABILITY MATRIX





# INDUSTRIAL TRANSFORMATION ARCHETYPES

# Digital Transformation Diagram

## Before the introduction of new technology

## During the introduction of new technology

## After the introduction of new technology



Communicate the benefits and explain the why



Make timelines clear early on



Follow up



Explain the decision-making process



Cater for diversity



Incentivize and acknowledge success



Make the bigger picture clear to end users of the technology



Develop the role of "super user" or "technology champion"



Carry on and see it through



Help workers to explore and become confident with the technologies



Think contingency



Beware premature closure



Include workers in the exchange of ideas



Ensure that effective support is readily accessible



Ensure that the technology continues to be used



Ensure the pilot group is diverse



Continue to explore new use cases for technologies that are already in use



Involve workers in risk assessment



Communicate expectations

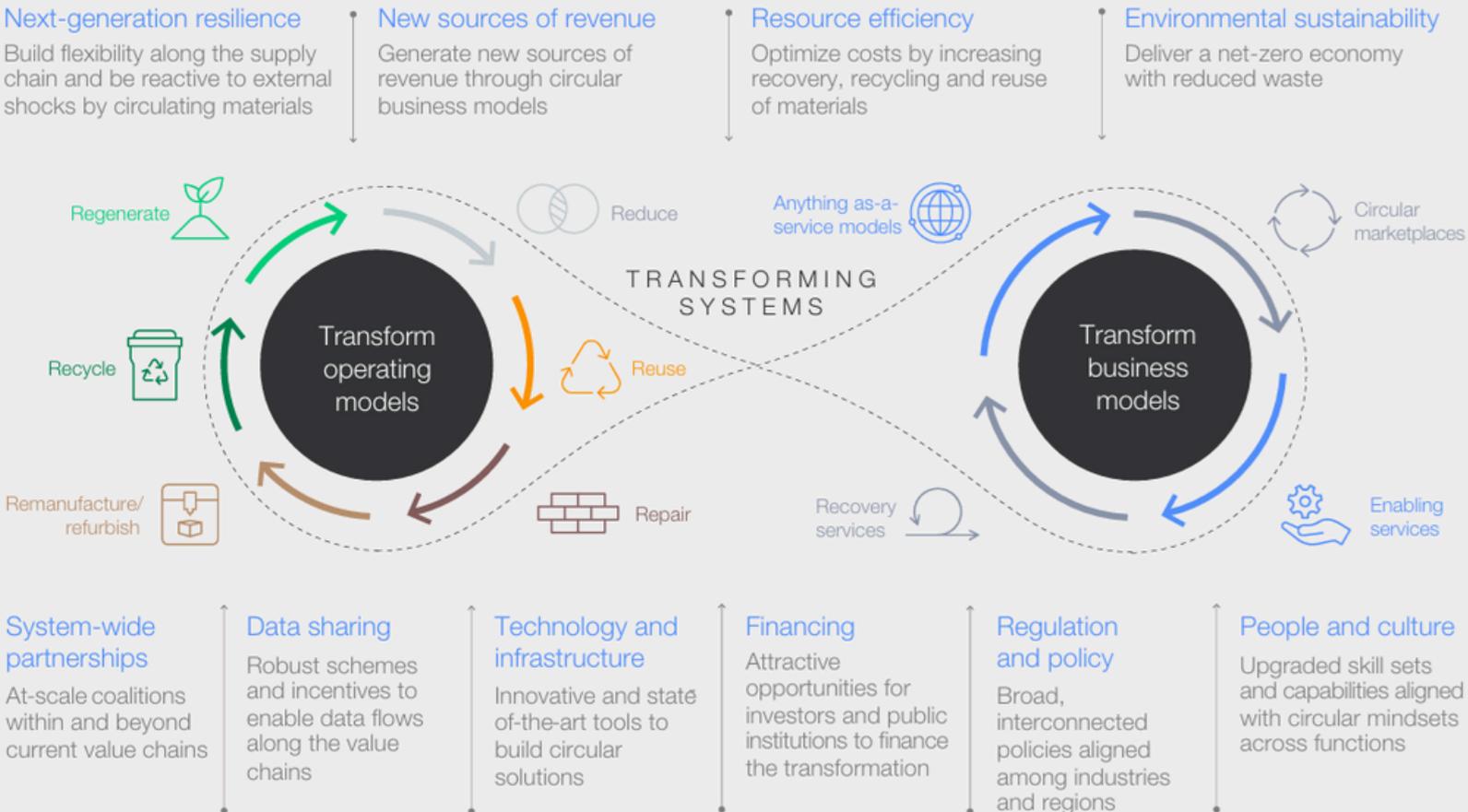


Balance the business's local and global needs



# VALUE & GROWTH

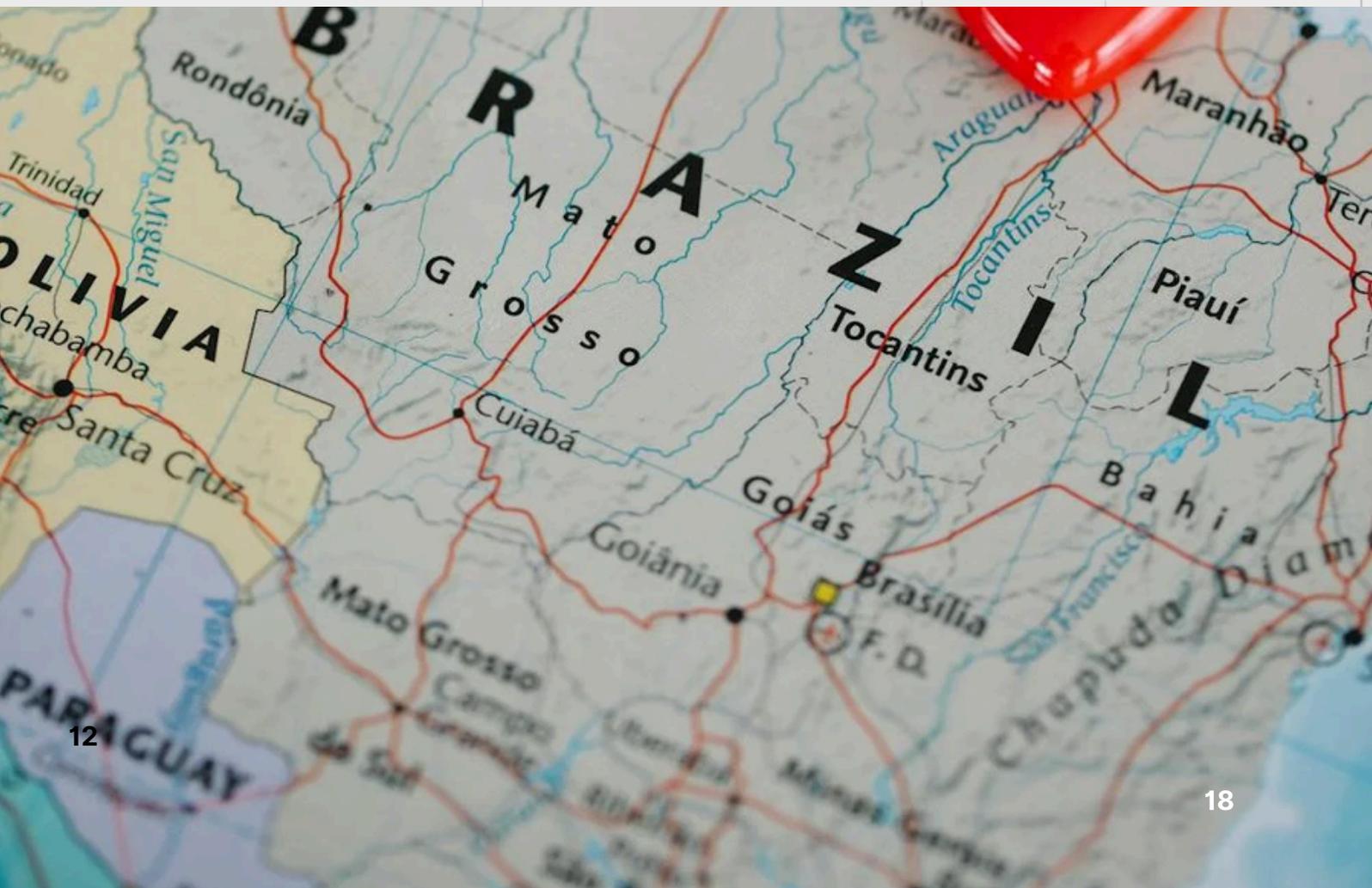
## DIAGRAM OF BUSINESS & OPERATIONAL STREAMS

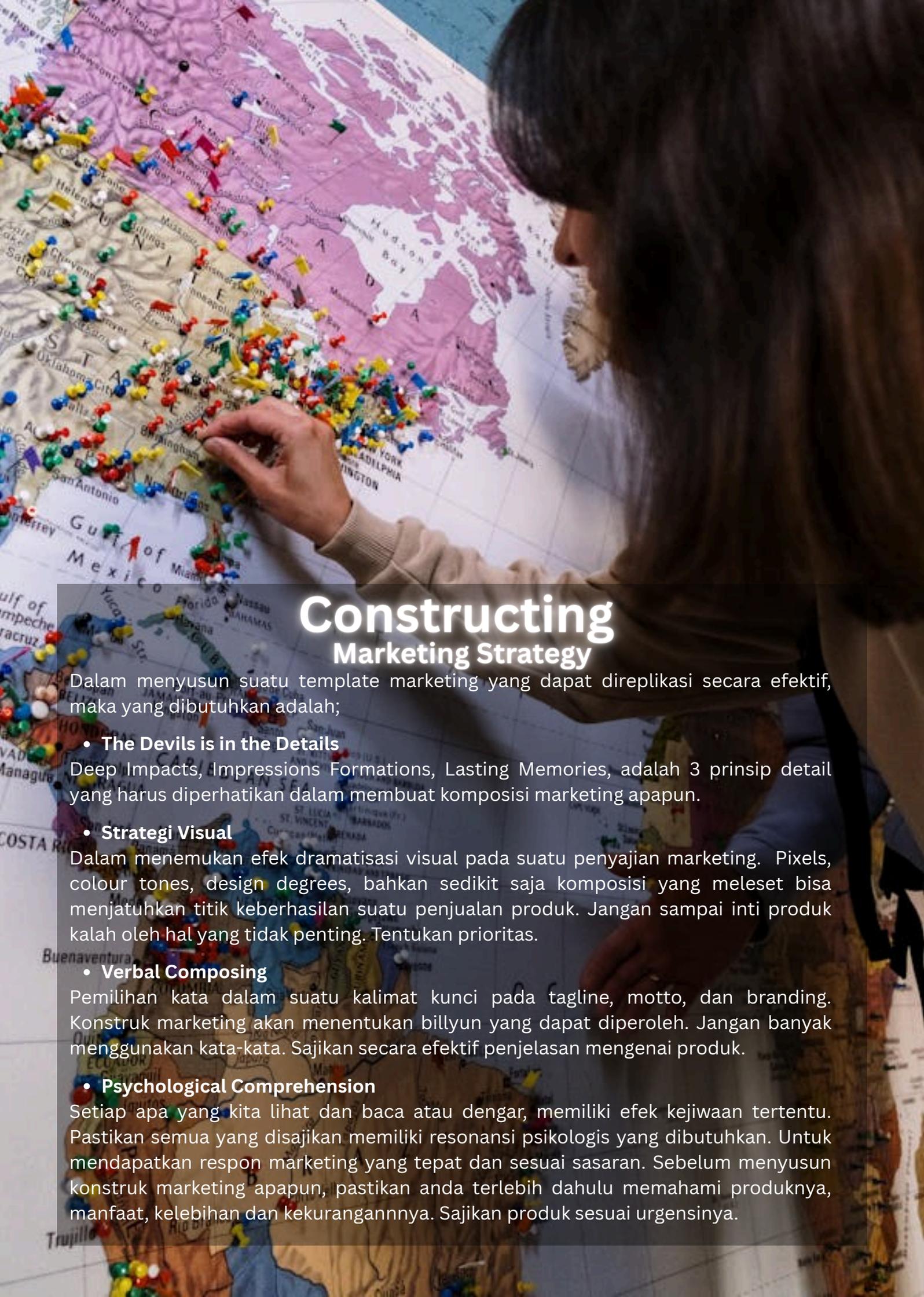


# CORPORATE VALUE SCHEMES

## IMPORTANT FOR CULTURE CHANGES

Employers seem to overlook the relational elements that are key drivers for why employees are leaving, such as lack of belonging or feeling valued at work.





# Constructing Marketing Strategy

Dalam menyusun suatu template marketing yang dapat direplikasi secara efektif, maka yang dibutuhkan adalah;

- **The Devils is in the Details**

Deep Impacts, Impressions Formations, Lasting Memories, adalah 3 prinsip detail yang harus diperhatikan dalam membuat komposisi marketing apapun.

- **Strategi Visual**

Dalam menemukan efek dramatisasi visual pada suatu penyajian marketing. Pixels, colour tones, design degrees, bahkan sedikit saja komposisi yang meleset bisa menjatuhkan titik keberhasilan suatu penjualan produk. Jangan sampai inti produk kalah oleh hal yang tidak penting. Tentukan prioritas.

- **Verbal Composing**

Pemilihan kata dalam suatu kalimat kunci pada tagline, motto, dan branding. Konstruksi marketing akan menentukan billyun yang dapat diperoleh. Jangan banyak menggunakan kata-kata. Sajikan secara efektif penjelasan mengenai produk.

- **Psychological Comprehension**

Setiap apa yang kita lihat dan baca atau dengar, memiliki efek kejiwaan tertentu. Pastikan semua yang disajikan memiliki resonansi psikologis yang dibutuhkan. Untuk mendapatkan respon marketing yang tepat dan sesuai sasaran. Sebelum menyusun konstruksi marketing apapun, pastikan anda terlebih dahulu memahami produknya, manfaat, kelebihan dan kekurangannya. Sajikan produk sesuai urgensinya.



# Creates Marketing Deep Impacts

- **Fase Menumbuhkan Pemahaman**

Keputusan untuk membeli suatu produk, membutuhkan tahapan pemahaman yang berlapis. Karena itu, pastikan dalam template marketing, berikan dahulu 3 fase ini; setting urgensi, berikan sedikitnya 3 alasan mendasar (several basic reasons), dan penguatan (reinforced decision making) sebelum suatu produk dapat anda sajikan dalam komposisi marketing.

- **Sensing Market Viabilities**

Sebuah produk diproduksi karena ada masalah dan ketakutan di sisi konsumen yang harus diselesaikan. Ini adalah alasan terkuat dalam membuat suatu pilihan bidang perusahaan atau ide bisnis. Untuk mendapatkan hal ini, dekati dan rasakan apa yang dipikirkan, dirasakan sebagai hal yang urgen dan dibutuhkan, diinginkan, dan yang saat ini tengah dialami oleh masyarakat secara umum, sesuai target marketing yang disasar.

- **Berikan Alasan Untuk Decision Making**

Dari sejumlah pertimbangan mengenai mengapa calon pembeli perlu mengambil keputusan secepatnya, temukan dan pilih 3 alasan mendasar. 3 hal ini kemudian dapat dibuat menjadi suatu Tagline pada pemasaran produk atau penyusunan strategi marketing.

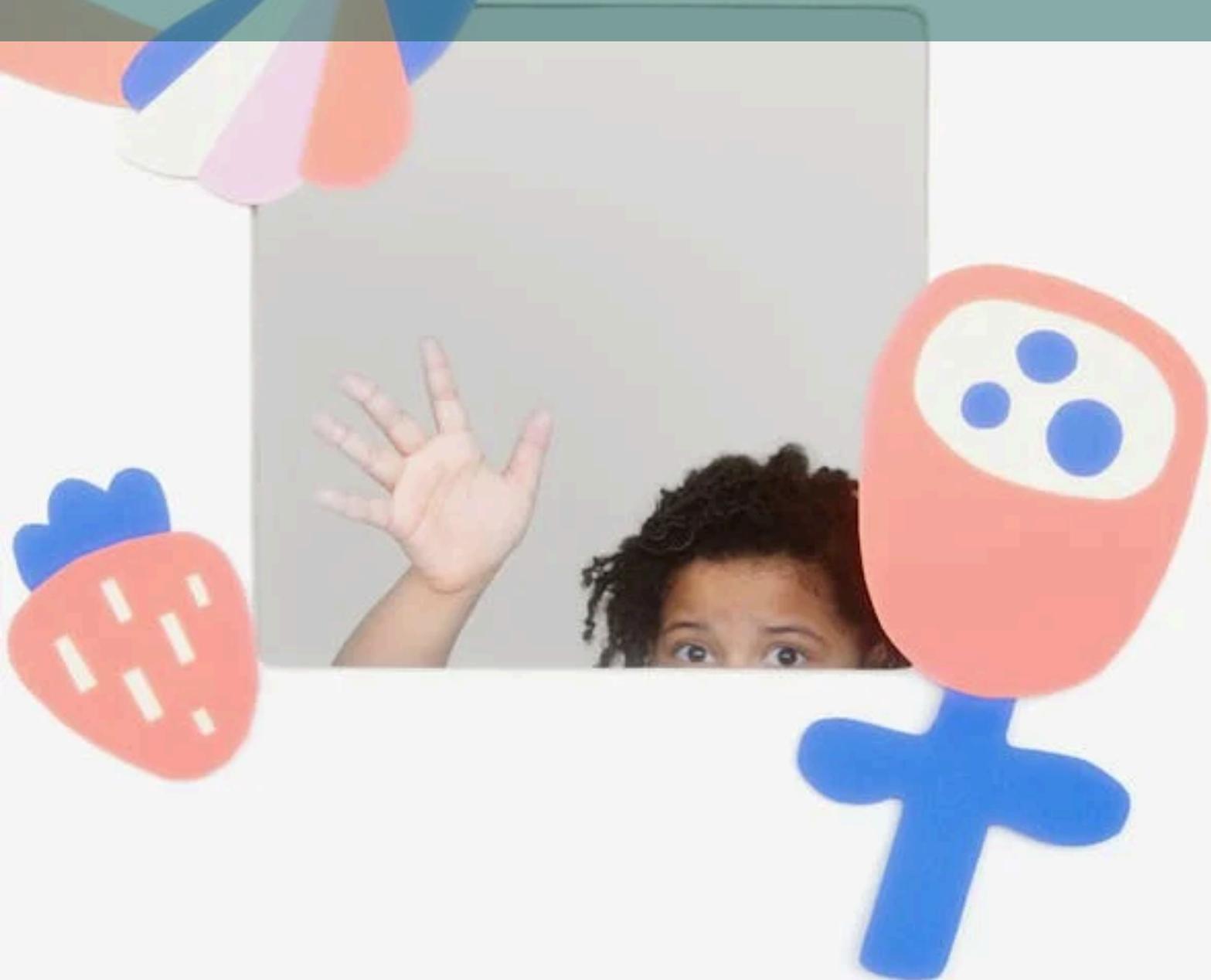
- **Scientific Marketing**

Sajikan tulisan, desain, video, atau apapun dengan formulasi yang berdasar pada data hasil riset yang akurat. Buat dulu diri anda sendiri yakin pada produk yang ingin disajikan. Sebelum membuat pembaca menyadari mengapa produk tersebut bisa menjadi solusi dari ragam permasalahan yang ada.

# Impressions Formations for Creating Branding Equity

Prinsip Dasar Penyajian Desain Produk & Detail Marketing;

- **Usability**; pastikan hanya membuat produk berkualitas tinggi, menarik, aman, sehat, dan sangat dibutuhkan. (prinsip pembuatan produk)
- **Clarity**; buat desain yang jelas, padat, menarik, mudah diingat, pesan simpelnya mudah dimengerti, tapi juga membuat pembeli memiliki alasan kuat untuk membeli. (prinsip promosi).
- **Colours & Spectral**; pastikan setiap produk sesuai dan menarik dalam seluruh sudutnya. (prinsip desain produk)



# Creating Marketing Longevity

Principle of Product Creations or Marketing Targeting or Creating New Company;

- **Progressiveness;** Longevity of your product only decided when you able to predict what the future demanding, and beware of market saturation.
- **Risk Calculated;** Health measure, effect on the environment, market absorption
- **Proper Verbal Terms Usage;** Laws risks can inhibit when using improper terms on marketing, makes clear statement, don't overpromise,
- **Simple Solutions;** Only make a product that can be use with this 3 principles (ease, cheap and simple). Use simple design with the right spectral design and colours. Makes every changes to be able to create more sales with product refinement at the 3 marketing principles.



# How To Create Brands

## Adage & Taglines

- Simple
- Cute
- Solutive
- Rememberable

Misalnya, saat membuat brand **Alibaba**, prinsip yang terpikir adalah mengenai open sesame; mantra untuk membuka **Cave of Treasure** atau Gua Harta Karun.

Saat pertama kali membuat toko internet, yang terpikir adalah bahwa usaha tersebut haruslah terus mengalir. Sehingga yang terpikir adalah **The Longest River**. Pilihannya antara Niles or Amazon. Kemudian diputuskan mana yang lebih dramatis dan berkesan mendalam.

Sebuah brand juga bisa berasal dari singkatan penjelasan basic dari produk yang dihasilkan. Misalnya; microsoft adalah singkatan dari **Microchip Software**. Saat itu mulai dikembangkan berbagai formulasi digital untuk membantu memudahkan kehidupan manusia sehari-hari dengan bantuan software yang telah ditemukan. Misalnya untuk menyelesaikan hitungan dagang, atau untuk menyelesaikan tugas sekolah.



# Creating New Brands & Products

## From Detecting Demands

- Found what you **like**, and formulate it into product

Product creations. The ideas of creating **YouTube** was as the online video library that accessible at any time. At 1992, after binge watching American Funniest Home Videos, then this ideas came out.

- Sensing **boredom** in the market

Detecting marketing stagnations, search and found the sides of marketing rigidities, then seeks for a clear and simple product that you can gives as solutions. The ideas of creating short video applications (**TikTok**) was came out from the boredom of watching long and dense videos on the prior Youtube. The videos app was sets in count of; 30 seconds, 2 minutes, 5 minutes and the longest was only 10minutes. In order to make sure that the users are not bored when watch it. Considering that childrens, teens, and the z generations are only has limited short cognitive time-span. The Tik and Tok was to remembering the sound of clocks.

- Sensing **dizziness** of the societies

If you feel dizzy at any times, do feel lucky. Find out the reason why. Count and measure whether the societies or people in your environment are also feels the same. Then formulate a product to handle that problem and to be of clear and simple solutions. The ideas of creating online verbal search engines (**Google**) & online translator (**google translate**) was for helping student in searching definitions of scientific terms that are needed to compose college tasks. At first, the ideas was to upload verbal data of millions books that has been scanned into e-book and then the verbal data then uploaded into **verbal information database**. The million e-books are derived of e-library data from prominent world class universities such as Oxford, Harvard, Stanford & Yale

# Creating New Brands

## From Detecting Demands

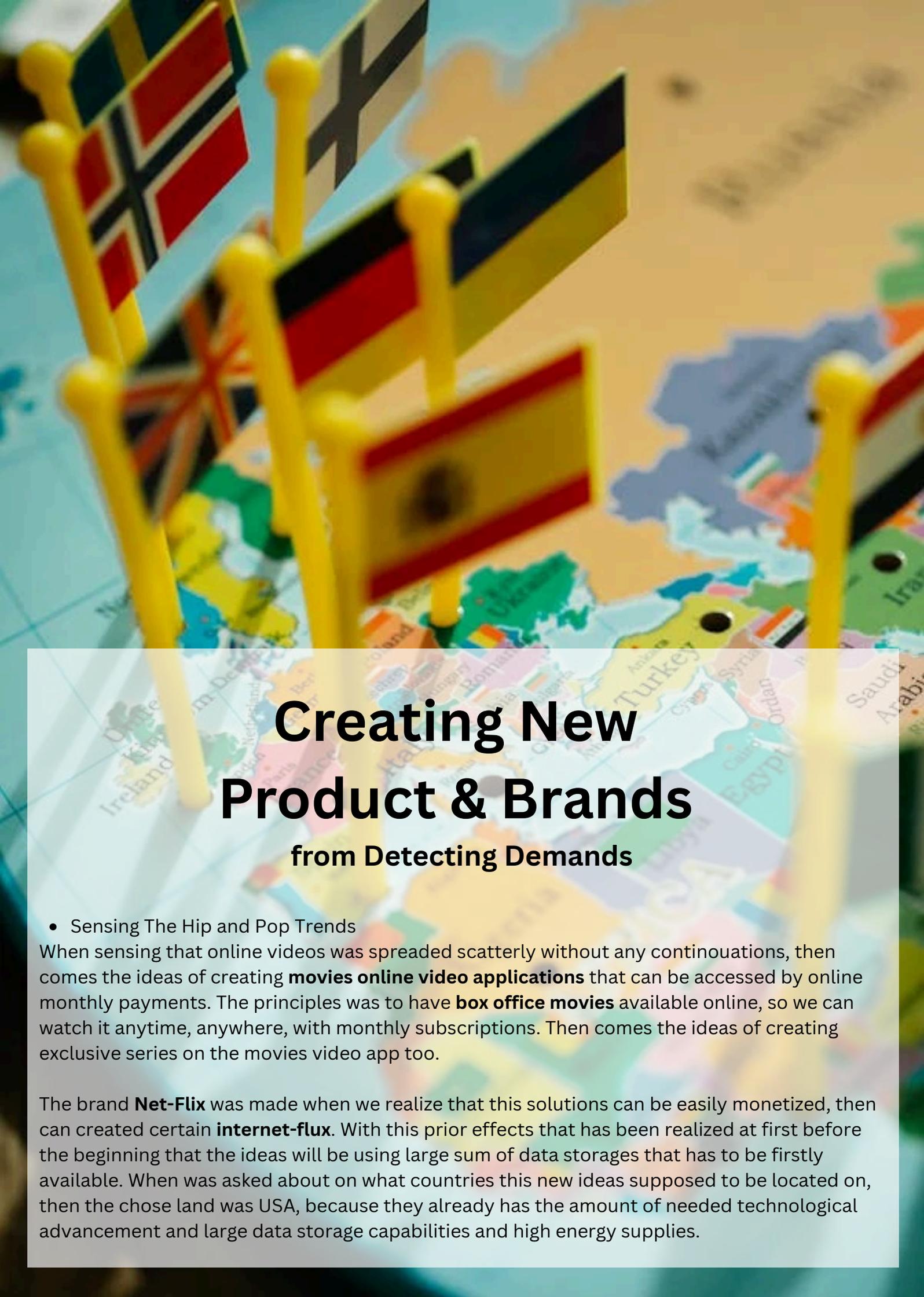
- **Sensing** global problem

The ideas of creating **digital currency (crypto/ encrypted online)** was because the current economy was getting frustrated by the currency colonizations. Many nations are being at threat because the global instability in economic currencies starting to creates famine in many countries. Then comes up the ideas of creating **bit-coin** from the **microchip royalties** and the **internet activities economy** and to stabilize this new currencies, the count of evelated data was from the logarithm of spreaded online news, number of active microchip uses, and the number of hash and dash activated at the same time (evaluated real time) in order to get the simultaneous data of active internet users. **Bit** was derived from bytes, and **coin** was to make sure every several amounts of uploaded data to the internet are to be coined. The counts was the hash and dash.

- Creating new **Brands**

When realizing that the citizens of China has priorly has the technological advancement, the necessary tools and meaning, the abundant of high skilled workforce, and there are large gap at the global market, with the high demand in technological that creates global tech cavities. Then the first names that comes up was **Xiao-Mi**, that was means devoting to parents (xiao) that gives you rice (mi). To makes the citizen of the large continent confident in using their own basic language that are eloquent and monumental.

When creating the brand **Hua-Wei** that means our flower, the owner was at great mourn when has losing the number of their intended future daughters. The number of flower leafs was as symbols of the 8 daughters.



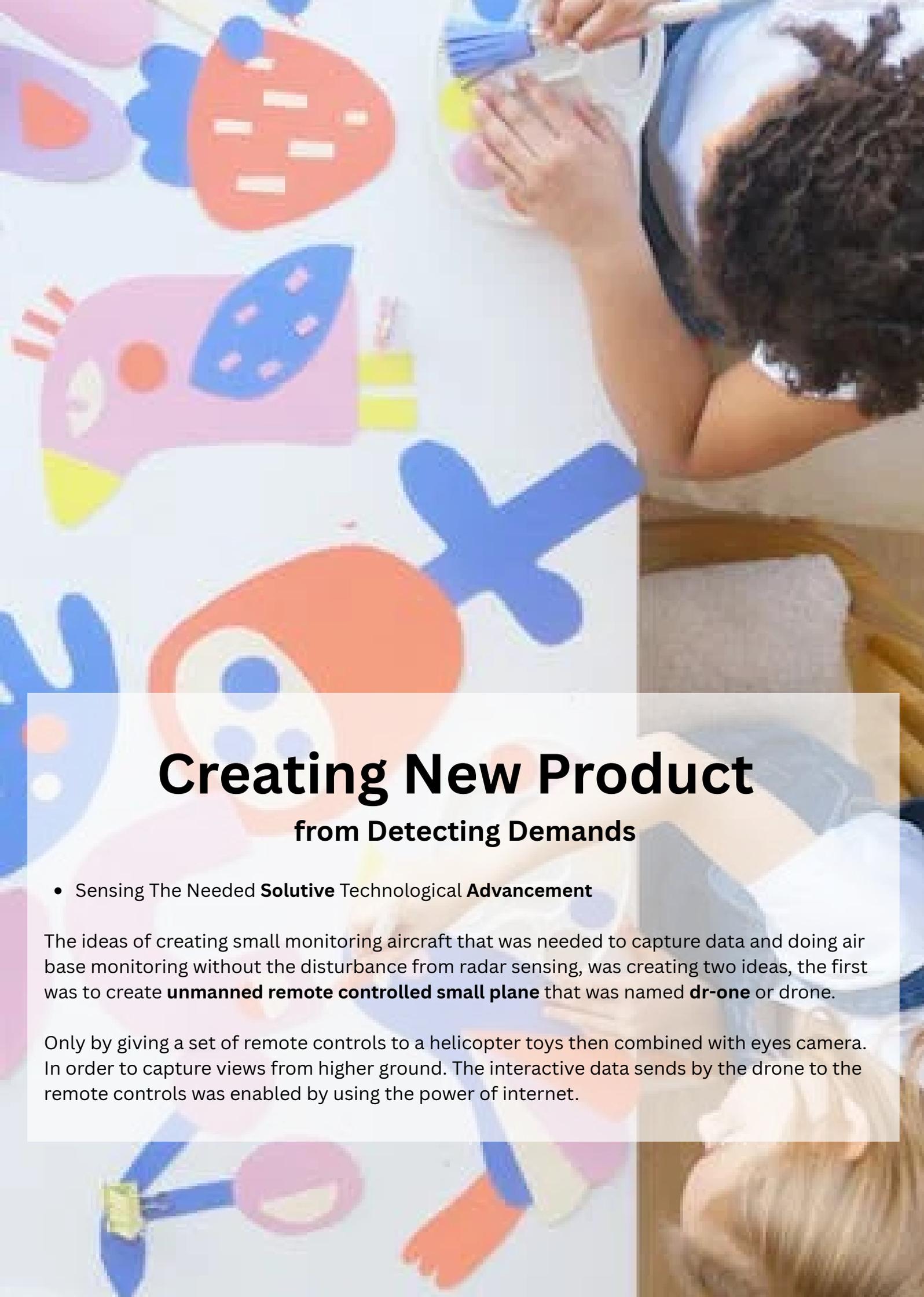
# Creating New Product & Brands

## from Detecting Demands

- Sensing The Hip and Pop Trends

When sensing that online videos was spreaded scatterly without any continuations, then comes the ideas of creating **movies online video applications** that can be accessed by online monthly payments. The principles was to have **box office movies** available online, so we can watch it anytime, anywhere, with monthly subscriptions. Then comes the ideas of creating exclusive series on the movies video app too.

The brand **Net-Flix** was made when we realize that this solutions can be easily monetized, then can created certain **internet-flux**. With this prior effects that has been realized at first before the beginning that the ideas will be using large sum of data storages that has to be firstly available. When was asked about on what countries this new ideas supposed to be located on, then the chose land was USA, because they already has the amount of needed technological advancement and large data storage capabilities and high energy supplies.



# Creating New Product

## from Detecting Demands

- Sensing The Needed **Solutive** Technological **Advancement**

The ideas of creating small monitoring aircraft that was needed to capture data and doing air base monitoring without the disturbance from radar sensing, was creating two ideas, the first was to create **unmanned remote controlled small plane** that was named **dr-one** or drone.

Only by giving a set of remote controls to a helicopter toys then combined with eyes camera. In order to capture views from higher ground. The interactive data sends by the drone to the remote controls was enabled by using the power of internet.



# Creating New Product from Detecting Demands

- Creating **Advance Visual Data Transmitting and Capturing Systematics** Technology

Each drone has microchips that can mounted visual data (**visual graphic arrays**), and equipped by small decphiperical wavelength calculative brain that has the capability to recreated the same pixels captured by the camera views in the screens that are located in the remote controls.

This **pixels systems** are **irradiants**, produced by the microlated visuals mechanisms. From the cathodes and anodes abilities to ignites lights that then are made to be smaller and smaller and made into dense crystals screens that can reformulated images that are captured and reshaped and refined to creates the same captured images to be views from far by wavelength transmissions lightspeed broadcast

How to do broadcasting visual imagery to the visual remote controls? By using the cameras that has in the small hand handle videos, and to make the images appears on the differentiated screen, thus the small principles of **visual data transmissions of lens to screens broadcasts** are then being enabled to send from small higher ground monitors to be captured and viewed from afar.



# Creating New Product

## from Detecting Demands

- Sensing the needed **solutive** technological **advancement**

The ideas of creating aircraft that was needed to capture data and doing air base monitoring without the disturbance from radar sensing, was creating two ideas, the first was to create **unmanned remote controlled small plane** that was named **dr-one** or drone. Only by giving a set of remote controls to a helicopter toys then combined with eyes camera. In order to capture views from higher ground.

The second was to create **streamlined man-piloted aircraft** to do fast travels for important VIP for cross continental urgent travels with the intentions of saving large amount of times.

In enabling this, we are realizing the consequences that the current radar are able to monitor iron composites. So the materials of this **streamlined ghost plane** should be from non iron materials, but strong enough to handle air pressures derived from super fast velocities. When naming this, ghost seems too cheesy, then the choice was to named it as **stealth**. The shape was imitating the paper plane shape, considering the simple shape has proven to be able to launched and moved by using only small force.

The materials are combined of non iron minerals but hard as steel composites, combined with bamboo fibers and other materials that can make the ghost plane able to endure hard pressures came from super fast speed vertical inter continental travels and make sure that the internal brain on the plane has the abilities to do velocity accelerations in a matter of split seconds.



# Creating New Products

## from Detecting Demands

- **Detecting Possible Danger**

When the world was at risks for the next world war, then comes the ideas of doing inter-active real-time sense and response military tactical defense systems by combining real time radar air attacks sensors and super fast realtime automated response that can protects large vast arrays of land, located circling the protected areas. The systems was then are able to created **dome-shaped air protections from air attacks that are using iron based materials**. Thus the naming for the defense systems was **Iron-Dome**.

- **Sensing The Needs of Certain Systems**

The ideas of creating **Satellites** was when realizing that the current technology that was available at that moment was only audio radio. Every nations has the radio systems networks already. But then when realizing that there are the needs to do airing for **visual continous data spreading** from broadcasts transmission from Television stations globally, the ideas of creating **high positions signal reflector** that has to be **stationed above continents**. Thus the inter-continental signal reflector Air Signals Systems named as Satellites, was then made the world enabled to do international air audio-visual broadcasts.

- Sensing The Necessary **Supportive Transport Technology**

When the needs of ideas of inter-continent signals reflectors has been found, then when realizing that the satellites has to be launched and positioned at space, then the ideas was to launch **tube shaped base jets ignited air shuttles** that can contained the satellites in it. The tube shaped launch air shuttles then named as **Rockets**.

# Creating New Products

## from Detecting Demands

- Determining The Needed **Supportive Energy Materials**

When the rockets was to be launched, there are certain problems. The first was there are risks of burnt. Second was when realizing that the air shuttles was too pricey if only used once. Then the solutions was to create **tube shaped base ignited jets air shuttles** that can be used frequently, more than once.

Then the solutions was to **make two of the rocket fuel tanks located separately** with the main tube shape space shuttles that contain the satellite inside. Why? Because at above the stratosphere, the shuttles was unable to proceed the space journeys because its to high weighted and has the risks of super speed frictions has caused the prior rockets to failed and burned.

The two fuel tanks of the space rockets **locked by certain phases of release keys**. At certain height, the ground base stations then push the release keys button. Then the two fuel rocket tanks can be fallen to the ocean and brought back to the ground stations. While the main body of the space rockets then propelled forwards to the intended height and targeted locations above inter continent positions.

The satellites has to have simultaneous capacity to do reflective transmission of audio visual data continuously. For this purposes, the satellites are equipped with internal ultra violets batteries systems for enabling the satellite capacities to do inter continental audio visual data transmissions reflections systems that can be functioned continuously for number of years.



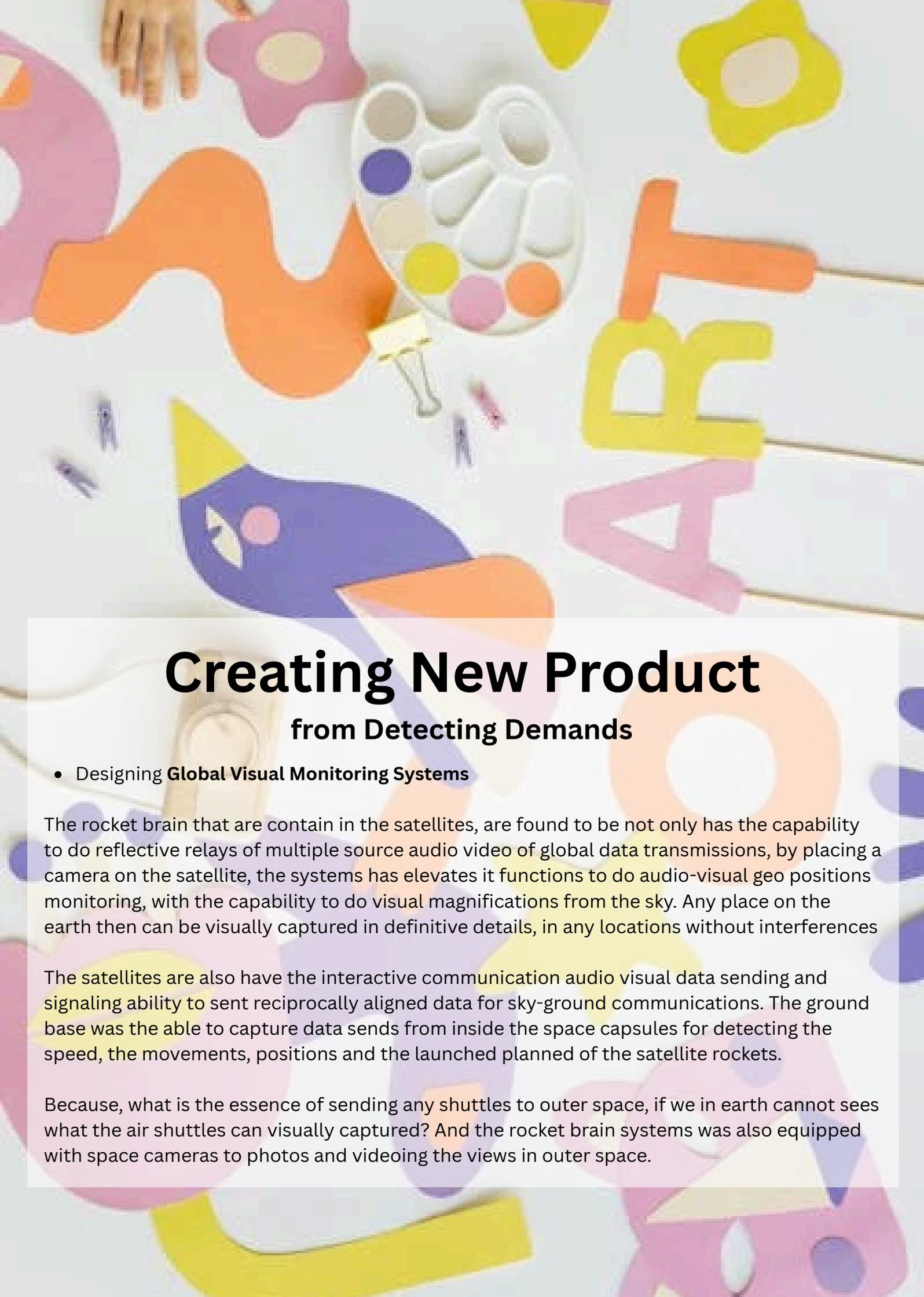
# Creating New Product from Detecting Demands

- Developing The Needed **Interactive Remote Relays Communicative Technology**

In order to be able to send the satellite to positioned space at above the continents, the rockets that to be sent has to have the meta-interactive response relays reflective multi transmissions tasks that can be far controlled remotely above the continents.

Thus, the compound of the rockets should be made super strengthly and with the **internal inter-active communicative technological** advancements located inside the rocket to monitor several real-time data sent to the earth to do **ground-base monitoring positions**. The **internal brain of the rockets** was then designed to be **remotely controlled** from **ground base for moving the shuttles**. The brain rockets are needed to detect the positions and the space shuttles movements so the rocket can be found and can be sent back home.

The **Rocket Brain** continuously sending real time audio-visual data reciprocals signals to the earth with the information concerning the needed desired speeds for reaching the intended positions. For enabling the satellites and space shuttles to be positioned in the right locations above the continents.



# Creating New Product

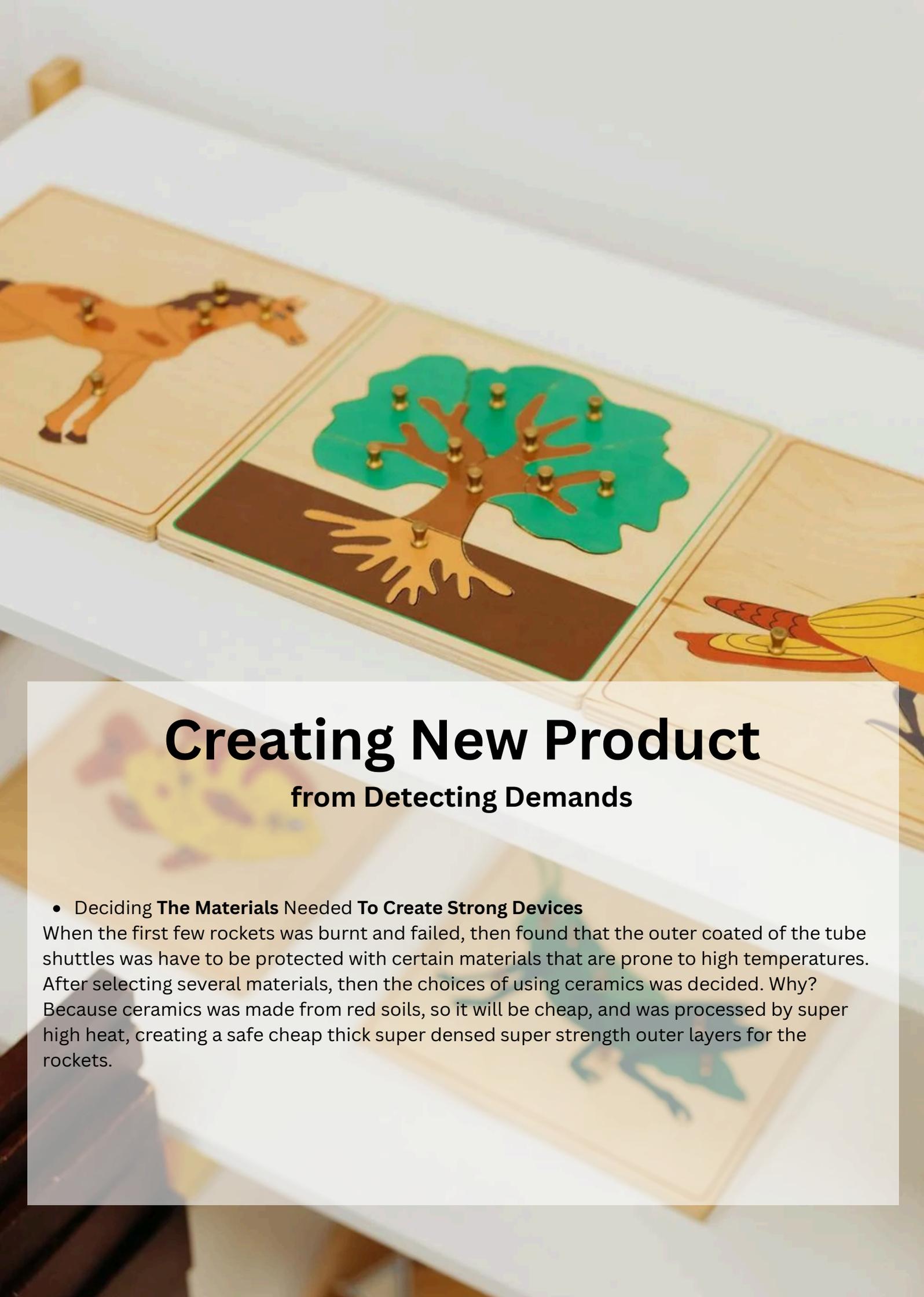
## from Detecting Demands

- Designing **Global Visual Monitoring Systems**

The rocket brain that are contain in the satellites, are found to be not only has the capability to do reflective relays of multiple source audio video of global data transmissions, by placing a camera on the satellite, the systems has elevates it functions to do audio-visual geo positions monitoring, with the capability to do visual magnifications from the sky. Any place on the earth then can be visually captured in definitive details, in any locations without interferences

The satellites are also have the interactive communication audio visual data sending and signaling ability to sent reciprocally aligned data for sky-ground communications. The ground base was the able to capture data sends from inside the space capsules for detecting the speed, the movements, positions and the launched planned of the satellite rockets.

Because, what is the essence of sending any shuttles to outer space, if we in earth cannot sees what the air shuttles can visually captured? And the rocket brain systems was also equipped with space cameras to photos and videoing the views in outer space.



# Creating New Product

## from Detecting Demands

- Deciding **The Materials Needed To Create Strong Devices**

When the first few rockets were burnt and failed, then found that the outer coating of the tube shuttles had to be protected with certain materials that are prone to high temperatures. After selecting several materials, then the choice of using ceramics was decided. Why? Because ceramics were made from red soils, so it will be cheap, and was processed by super high heat, creating a safe cheap thick super dense super strength outer layer for the rockets.



# Creating New Product from Detecting Demands

- **Designing The Details** that are needed

After realizing that the satellites structures has to be moved from inside the space shuttle, to be positioned in the right location above the continent, we then realized there has to be a **designed lock and release hinge movement mechanisms** that are remotely controlled from the ground.

- **Designing The Structures** with Spectral Precisions

The precisions of the degrees, for the cc and the mili metrics of every design then has to be done with several trials and errors. The **serial phases of lock and release hinge movement mechanisms** needed for removing the satellite from inside the space shuttle.

- **Designing The Serial Process** or Phases of Process Mechanisms

In order for the Satellite crafts to be moved outside from the tubular space rockets for starting its jobs, The lock & release hinge movement mechanisms was remotely controlled from the ground base monitoring in certain serials phases of remote controlled order for the satellite movement release process to be done in several phases. Do the process trials at ground first for several times, so there won't be any unnecessary risks of failure. The satellite systems was used as the means of signal reflector for earth audio visual data transmissions.



# Creating New Products

## from Detecting Demands

- **Designing Safer Velocity Movement** Mechanism Systems

The system movement was simpler and a bit different from the lock and release hinges movement mechanisms that was used in creating helicopter **elevations speeds, tilting movement**, and left and right **turning directions** in a helicopter.

For planar elevation transport, thus we have to create more safe movement mechanisms for **risk prone super high speeds elevated travelling aircrafts**, the closed interlocking hinge lock and release mechanisms should be done inside a tubular systems or globe shaped systems. Thus the risks of movement fallacies can be decreased. With this **tubular closed hinge lock and released mechanism structured**, this mechanisms currently called as the piston systematics.

What if in the near future, man can create 360 degrees tilting mechanism, inside the globe like close hinge lock and release mechanism? There might be more of opportunity to create aircrafts elevation travelling, and there will be safer and precise aircrafts transportations travelling.



# Creating New Products from Detecting Demands

- **Designing Other Means of Air Travel Velocity Movement Mechanism Systems**

After founding the safe air travel done by rockets, then came the ideas to creating air travel bus that has large capacities of people. By imitating the tubular shape of the rockets, the means of horizontal velocity movements travels was designed to have tilting mechanisms, to be able to do precise turn degrees.

The plane brain are also interconnected with the global positions monitoring systems from satellites, to make it able to locates its own height and to detects sensoric terrains and to detects the air pressures movements that can give dangerous effects for the plane.

First it was only intended for 5 persons, then enlarged to equipped more than 10, and then largely developed and purposely build to handle air travelling capacity from island outside the England and then to reach The British mainland.

After many months of intensive trials and errors research, the air travel flying bus then are able to largely develops its capacities to have hundred of passangers aboard the plane.



A top-down view of children's hands painting at a table. There are watercolor paints, pencils, and a bowl of water. The background shows a blue sheet of paper with simple line drawings of faces.

# Creating New Products from Detecting Demands

- **Designing** Means of More **Compact Entertainment** Systems

When at first the rocket was has to be launched and to be continuously monitored, then comes the needs for creating tube shaped lights continuous projecting images that then called as tele screens.

The terms tele was used because the technology was using the same wavelength desipheric reciprocals transmission filtering ability in telephone. But the differences was telephone was using audio wavelength, and the tele screens was using light wavelength.

The projected ability from the light waves transmissions then digitized (numerically aligned) by the screens capacities to reflecting back and forms a refined continuous moving images that then creating television broadcasting.

# Creating New Products from Detecting Demands

- Elevating More Compact Designs of **Visual -AudioTechnology Devices & Systems**

After realizing that series of Lenses has reflective powers by certain phases of light focus, then various visual technologies can be created. The **Lup or Magnifier** was first used to help the old granny to read their books and news paper.

The first image captured by **static visual camera lenses** was when realizing that when lights fastly shots at certain angles, our physical world has the natural photostatic ability to reflects back the light shots.

A fast light shuts of the firstly used cameras was having the projected ability that can reflect back to the mirrored series aligned positioned lenses created in certain focal length, focal positions, and focal pointing. In paralels and series order for the camera to create capturable images that creates the visual trace on chemical films ribbon.

The same basic principles of audio-visual light wave and sound wave reflected capturing arrays abilities then replicated in creating **continuous timed moving vi-deo (visual-audio) camera.**



# Creating New Products from Detecting Demands

- Elevating Verbal Data to **Meta Data Restructurizer Logic Based Processing Machine (Artificial Intelligence Technology)**

After realizing the needs to have certain data processing technology that have the capability to do verbal compositioning from previous piles of knowledge stored in the Library.

In order to certain verbal tasks such as; finding terminology definitions, creating verbal compositions to create comprehensive explanations about certain tasks, restructurizing verbal data of science materials in certain key words objectives, etc.

Thus the meta logic verbal data comprehensive language multi science programming then called as the Artificial Intelligence.

On further development, aligned with the programming ability to do recreations of data on many fields not only for verbal. AI then also doing re-compostioning based on key words inputs also for various perceptive fields, not only verbal data, but also deals with musical compositions, video compositions, visual re-compositioning of meta-multi image, etc.



# Creating New Products from Detecting Demands

- Elevating Information Processing Capability to do **Active-Adaptive Reformulations of Structurized Multi Science Equations Formulated Compositions from Confined Silo State to Dynamics State Programmable Logical Machine Systematics (Machine Learning)**

Realizing that creating certain programming tasks was getting out of hand, there's too much time are largely spent on remembering the definitions of each programming variables, and also very time consuming to formulates each needed equations functions for programming inquiry.

The ideas are to have a large data thinking machine that can solve high level of multi logical equations formulations in a matter of split seconds. Then many information technology programmers from various corner of the globe then joined to cooperate and creating a thingking machine that has the abilities to composing its own multi logics higher cognitive composition structurizations of big data processing capabilities.



# Creating New Products from Detecting Demands

- **Ultra High Velocity Information Data Processing** with Spectral Precisions Ability Programmable Logical Compositions Capability Systematics Thinking Processor (**Quantum Technology**)

With the world having high require of smaller size but higher velocity data processor, then many scientists join to cooperates and working together. On day to day basis, they are networking, hand in hand to create elevate the capabilities on what we has already has that is the common multi specifications of prior technological ability of current day microchips, to be enhanced on various technological abilities and to have the microchips able to produce to be more compacts, durable, but faster and agile.

The scientist are also actively researching for the needed new materials that can be processed from one dots to one pixels, to smaller mili micron atomic size, but with increasing capabilities of ultra high velocity information data processing.



# Creating New Products from Detecting Demands

- Elevating Information Processing Capability to **Active Verbal Comprehensive Response of Structurized Data Compositions Programmable Verbal Data Input Logical Machine Systematics (Quantum Responsive Information Machine-SIRI)**

Realizing that children have many unthinkable questions that has to be responded quicly, then a programmer thus think of founding a certain kind of machines that can accompany and taught children on many areas of life that they wants to know.

The ideas is to have independent thinking machines that can answers many of our questions in instant, then the AI capabilities was turns to audio state from the previous verbal data.



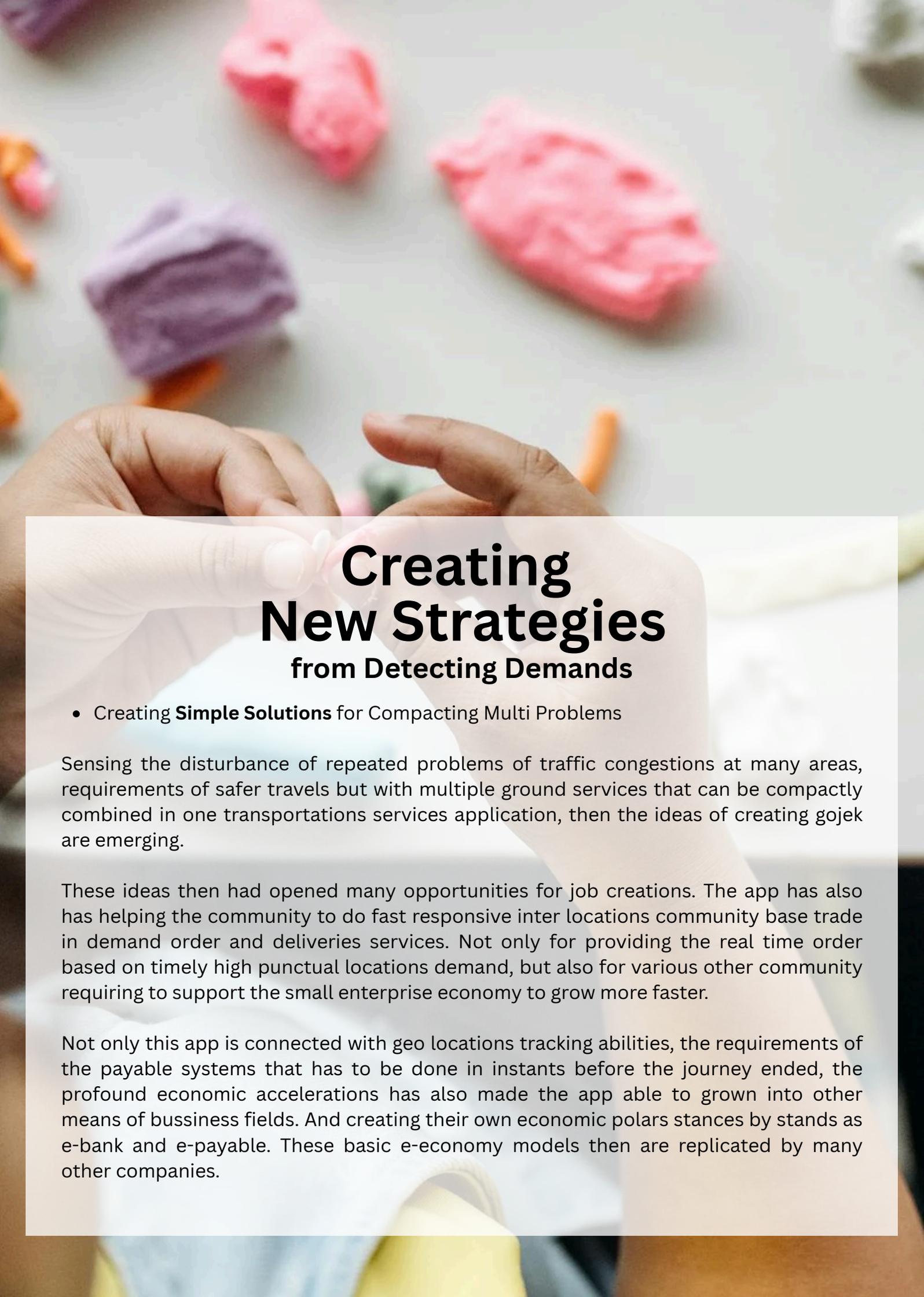
# Creating New Strategies from Detecting Demands

- Creating **Synchronous Solutions** for Definitive Problems

After realizing that at the world was at the brink of oil crisis, sensing that three of my friends was owning their own global oil company to start researching for creating solutions for **green oils** inventions. British Petroleum, Total and Aramco was starting their research at 1995.

Also when realizing that at the 1996, there are numerous conflicts concerning the search for oil and gas mines, and wars that are started as the means to grab natural resources from other countries.

These three big oil corporations has been acting as three big polars to always strengthened the needed resources for creating timely sustenance at every brink of any possibilities that can creates susceptible imbalances or making the world imperiled of the global oil crisis, these three big oil corporations was as the global energy polars to maintain world equilibrium states of energy supplies.



# Creating New Strategies from Detecting Demands

- Creating **Simple Solutions** for Compacting Multi Problems

Sensing the disturbance of repeated problems of traffic congestions at many areas, requirements of safer travels but with multiple ground services that can be compactly combined in one transportations services application, then the ideas of creating gojek are emerging.

These ideas then had opened many opportunities for job creations. The app has also has helping the community to do fast responsive inter locations community base trade in demand order and deliveries services. Not only for providing the real time order based on timely high punctual locations demand, but also for various other community requiring to support the small enterprise economy to grow more faster.

Not only this app is connected with geo locations tracking abilities, the requirements of the payable systems that has to be done in instants before the journey ended, the profound economic accelerations has also made the app able to grown into other means of bussiness fields. And creating their own economic polars stances by stands as e-bank and e-payable. These basic e-economy models then are replicated by many other companies.

# Creating Science Equations

- Pahami **prinsip dasar** dimensi natural

Misalnya, anak-anak tahu tentang benda padat, benda cair, udara, bunyi, dan cahaya. Lalu melakukan pengukuran mengenai benda tersebut dengan menggunakan beragam alat ukur yang ada.

- Pahami **cara kerja** suatu pengukuran

Misalnya, prinsip bahwa suatu benda bergerak pada jarak tertentu, membutuhkan berapa detik. Dari sini didapatkan rumus untuk menghitung kecepatan.

- Pahami cara **menghitung** suatu dimensi

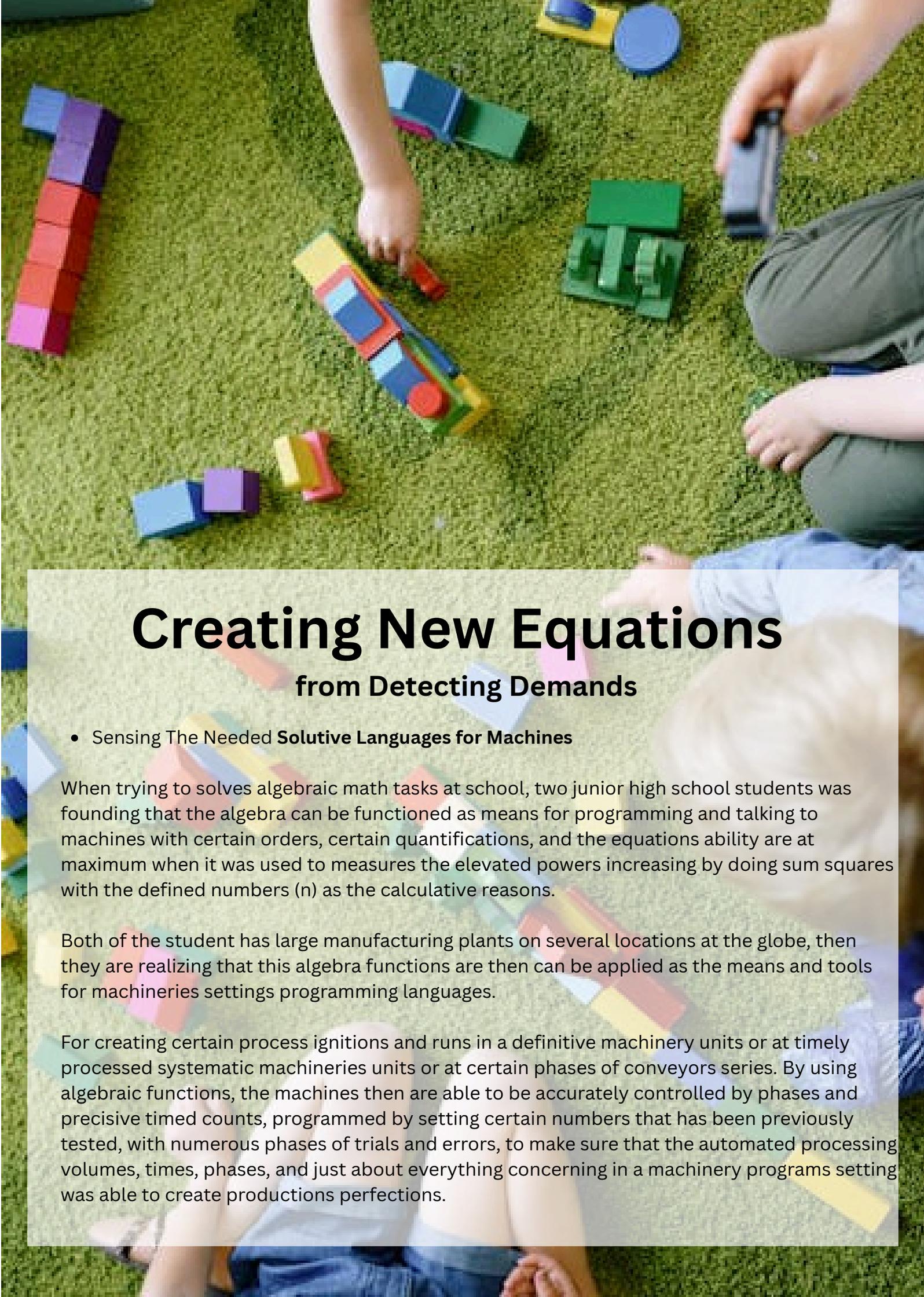
Putuskan, dalam ukuran apakah suatu hitungan ditentukan. Misalnya apakah dalam detik atau milidetik. Apakah dalam gram atau miligram.

- Cari **komponen** dalam suatu hukum alam dan **interaksinya**

Misalnya, dalam mengukur energi, kita tahu bahwa suatu zat memiliki massa benda. Cahaya adalah energi. Kita memahami ini dari sinar matahari dan cahaya lilin. Baru kemudian dipahami bahwa cahaya yang memiliki massa tertentu, memiliki energi yang amat besar. Dari sinilah ditemukan rumus  $E = mc^2$ .

- Buat alat atau **inovasi baru**

Misalnya saat menyadari bahwa di sekitar kita terdapat cahaya, bunyi, gerak, efek, atau cara kerja alam lainnya, cari ide dimana suatu solusi dapat tercipta dengan jalan yang mudah dan murah.

A top-down view of children sitting on a green mat, playing with colorful geometric blocks. The blocks are in various colors including red, blue, yellow, green, and purple. Some blocks are stacked into structures, while others are scattered on the mat. The children's hands and parts of their bodies are visible as they interact with the blocks.

# Creating New Equations

## from Detecting Demands

- Sensing The Needed **Solutive Languages for Machines**

When trying to solve algebraic math tasks at school, two junior high school students were founding that the algebra can be functioned as means for programming and talking to machines with certain orders, certain quantifications, and the equations ability are at maximum when it was used to measure the elevated powers increasing by doing sum squares with the defined numbers ( $n$ ) as the calculative reasons.

Both of the student has large manufacturing plants on several locations at the globe, then they are realizing that this algebra functions are then can be applied as the means and tools for machineries settings programming languages.

For creating certain process ignitions and runs in a definitive machinery units or at timely processed systematic machineries units or at certain phases of conveyors series. By using algebraic functions, the machines then are able to be accurately controlled by phases and precise timed counts, programmed by setting certain numbers that has been previously tested, with numerous phases of trials and errors, to make sure that the automated processing volumes, times, phases, and just about everything concerning in a machinery programs setting was able to create productions perfections.



# Creating New Equations

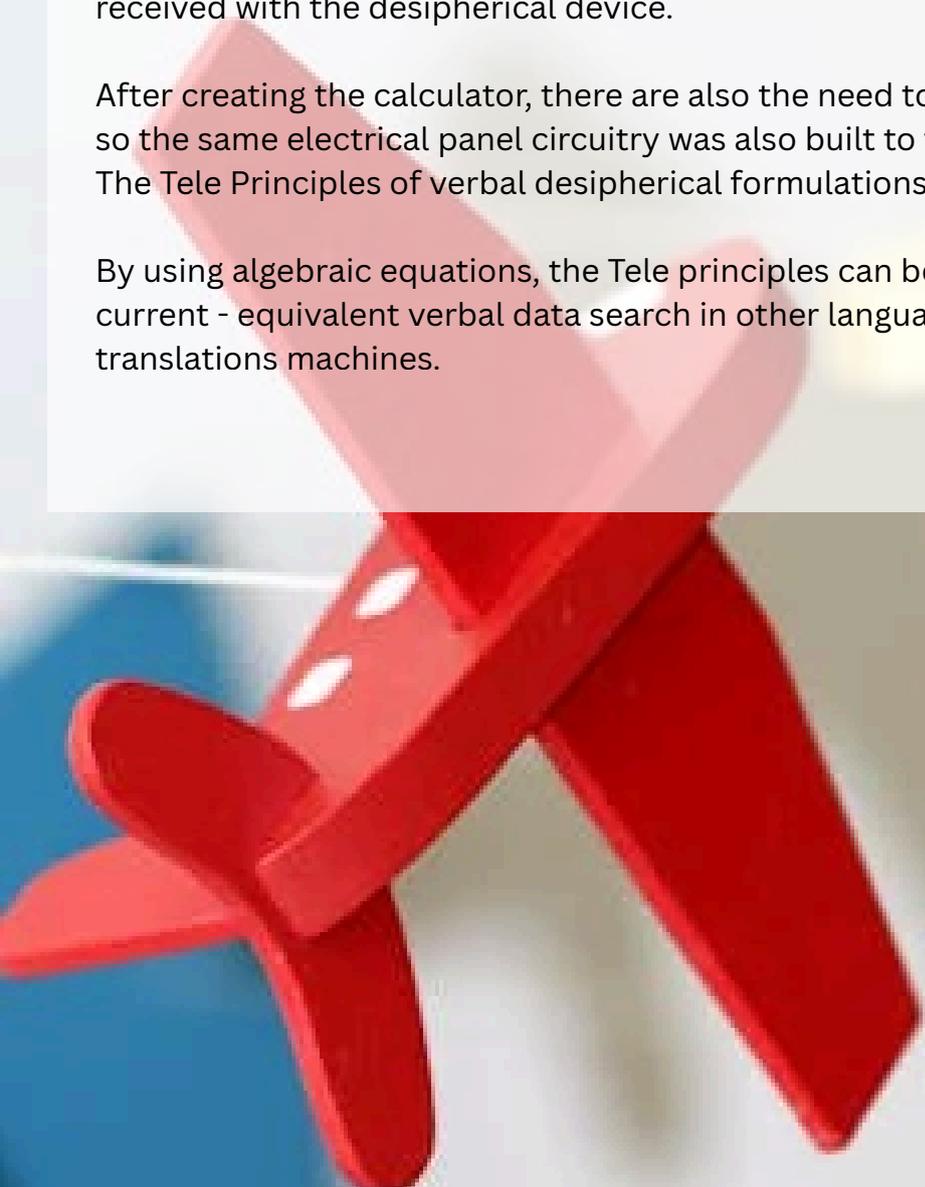
## from Detecting Demands

- Creating **Electrical Tele Phases Multi Language Verbal Translation Desipherical Devices (hand held translator)**

Tele Principles is the transformations principles from one form of energy to other in creating certain electrical means. This can prove of utility solely if the mechanisms can received with the desipherical device.

After creating the calculator, there are also the need to translating from a language to other, so the same electrical panel circuitry was also built to formulating verbal data results with The Tele Principles of verbal desipherical formulations, then creating the verbal translator.

By using algebraic equations, the Tele principles can be used to do verbal input - electrical current - equivalent verbal data search in other languages and resulting electrical translations machines.



# Creating New Equations

## from Detecting Demands

- Creating The **Sound Tele Desipherical Device (tele-phone)**

The **Tele principles** was to transform sound input into electrical input and then it can pass through cables or to be transmitted through air relays and then being captured with the abilities of the intended devices and being restored to the state of an audible current and can be heard in the inventions of tele-phone.

- Creating the **Tele Desipherical Audio Visual Data Relays Receivers (tele-vision)**

The Tele principles also used in transforming images-electrical-images phases in the creations of tele-vision. Then these same basic Tele principles was to be developed from using cable currents to using air relays. So the audio-visual electrical wavelength airing transmissions (relays) systems was developed. Then by using transmissions towers, the air relays then can be broadcasted further.



# Creating New Equations

## from Detecting Demands

- **Creating Smaller and Cheaper Electrical Machines**

The macro shape of the electrical equations machines then can be made smaller when creating batik shape from gold patterning, and realizing that the gold patterns shape, even in the insulator materials has electric shocks effects.

Then the same electrical principles has been used in creating electrical current patterns in the microchips. The principles of development of basic gold pattern at electrical circuits in the microchips then are created.

When realizing that gold are founding in the sand, we than think that what if the sand can also acted as electrical materials for microchips? Then after researching that in the piles of carbon in sands we can find silicon materials that also has the **photo-electro-static** abilities, more elastics, and far cheaper than gold. Then the development of microchips are started to build by using silicon sands. Making the **micron size electro visual auditive data multi dimensional graphics stratified structurized systematics mathematical abilities machines fast processing dynamics quantum algorithmics deciphericals heightened elevated functions square lights speed functions vast arrays programmable equations core device (microchips)** becoming more cheaper, smaller, and more effective.

What then making the microchips more **effective** and able to create better technology? Its the **mathematical equations** and more **advance variations of components** behind the more **elastical** data that can be **structurized** and **stratified** at largest behind the programming that making the data processing more able to be done with faster, precise, and larger data contain inside.

# Creating New Equations

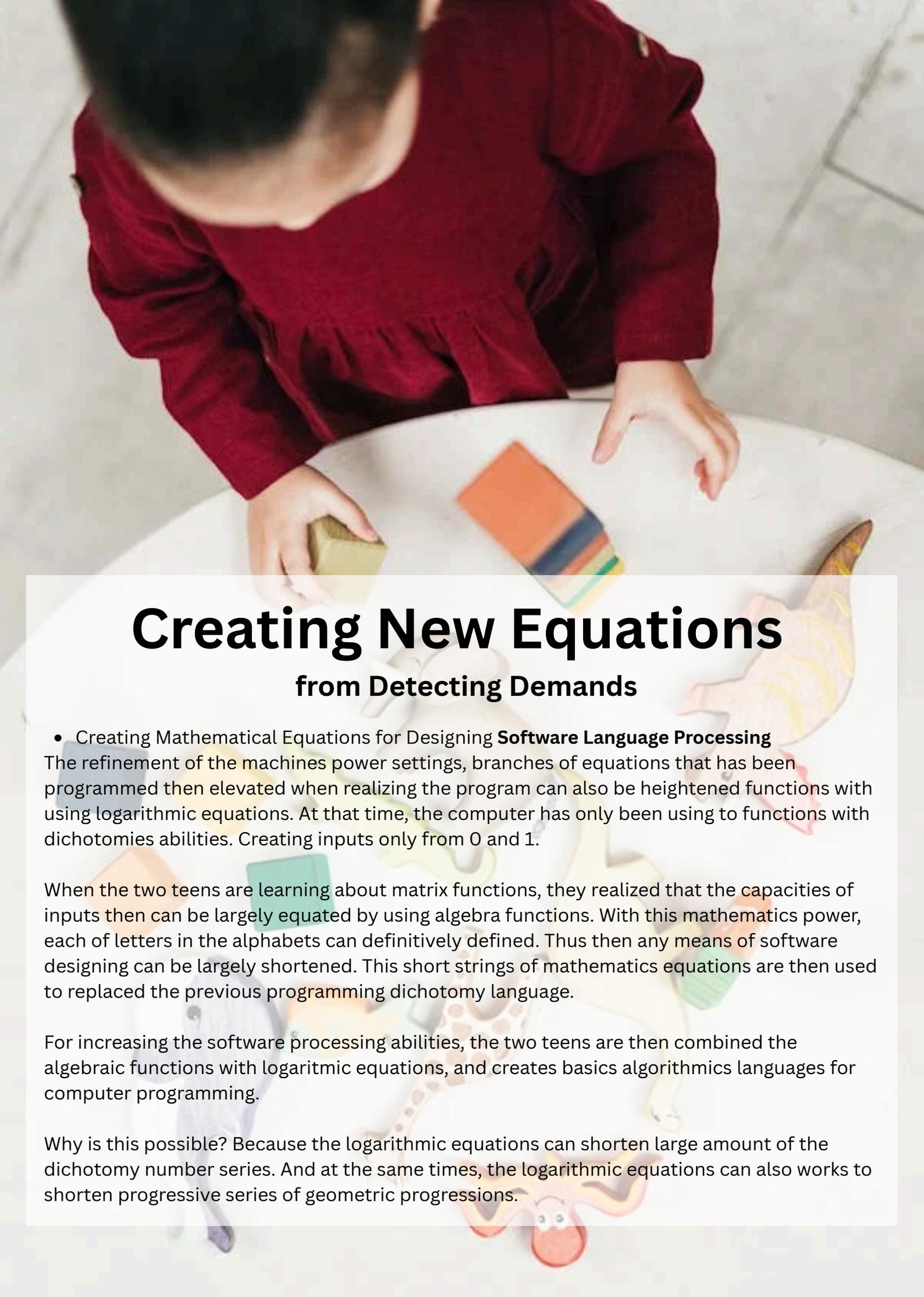
## from Detecting Demands

- Creating **Electrical Data Wavelength Relays Capturing Protocols (IP)**

Do you know how your call from your mobile phone are enabled to perfectly matched and able to contacts and reach certain specific device? Its the technology of **Aired Audio Visual Transmissions Electrical Wavelength Despherical Data Relays Equations Capturing Vast Arrays Verbal Numerical Protocols** that are made by the algorithmic equations was highly used in directly presiciveness of reaching the right IP (internet protocol) address on each mobile devices that are currently are spreaded around the globe.

There are stratifications of equations that are used in determining the static internet protocol address, that are unknown by many people. This algorithmic stratifications are also made by the quantum dynamics equations that concerning the equations of large multi data arrays that are measured.



A top-down view of a child with dark hair, wearing a maroon long-sleeved top, sitting at a white circular table. The child is playing with colorful blocks. One hand is holding a yellow block, while the other is near a stack of orange, blue, and green blocks. There are also other colorful blocks and toys on the table, including a pink and yellow fish-shaped toy and a yellow giraffe-shaped toy.

# Creating New Equations

## from Detecting Demands

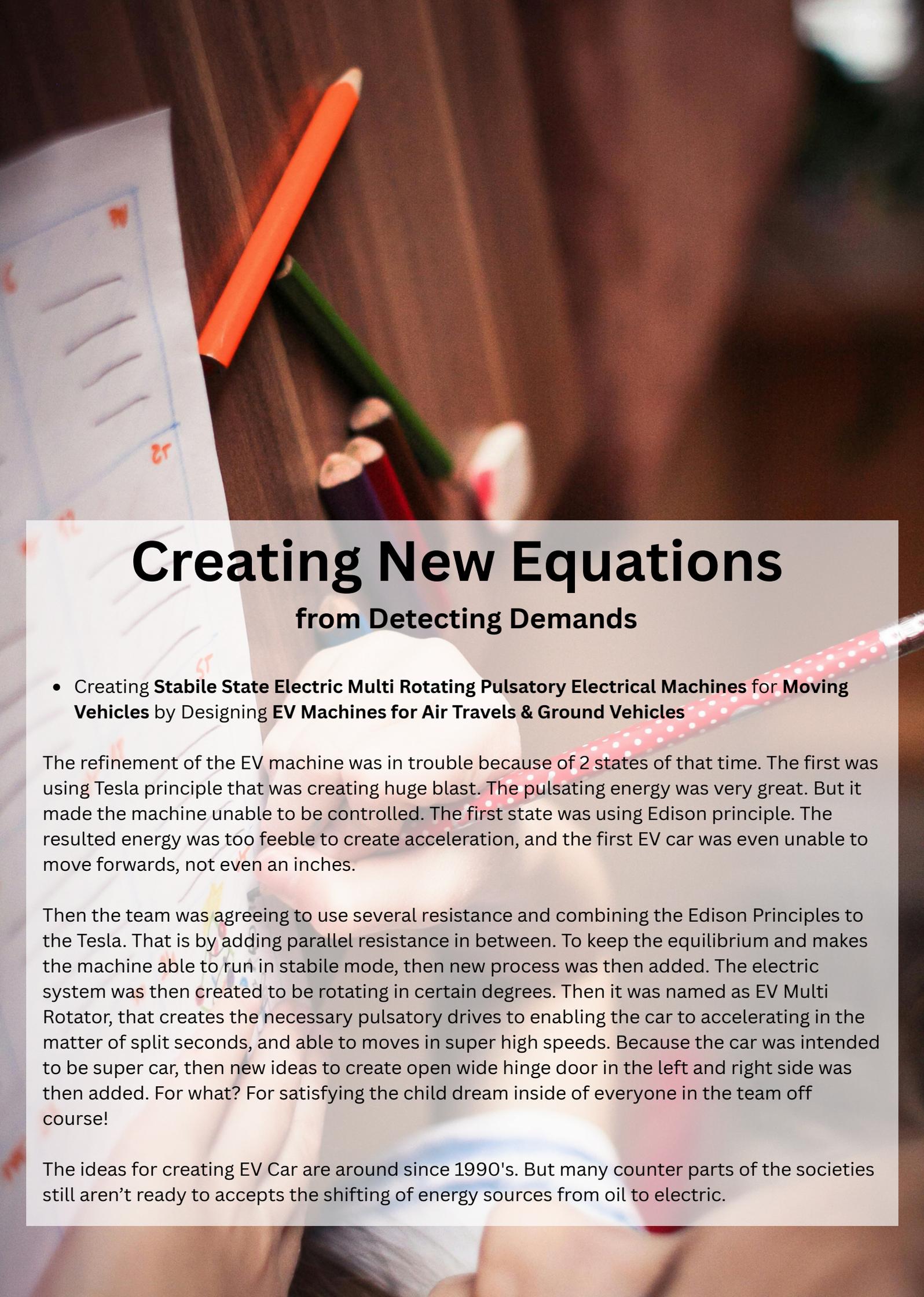
- Creating Mathematical Equations for Designing **Software Language Processing**

The refinement of the machines power settings, branches of equations that has been programmed then elevated when realizing the program can also be heightened functions with using logarithmic equations. At that time, the computer has only been using to functions with dichotomies abilities. Creating inputs only from 0 and 1.

When the two teens are learning about matrix functions, they realized that the capacities of inputs then can be largely equated by using algebra functions. With this mathematics power, each of letters in the alphabets can definitively defined. Thus then any means of software designing can be largely shortened. This short strings of mathematics equations are then used to replaced the previous programming dichotomy language.

For increasing the software processing abilities, the two teens are then combined the algebraic functions with logarithmic equations, and creates basics algorithmics languages for computer programming.

Why is this possible? Because the logarithmic equations can shorten large amount of the dichotomy number series. And at the same times, the logarithmic equations can also works to shorten progressive series of geometric progressions.



# Creating New Equations

## from Detecting Demands

- Creating **Stabile State Electric Multi Rotating Pulsatory Electrical Machines for Moving Vehicles** by Designing **EV Machines for Air Travels & Ground Vehicles**

The refinement of the EV machine was in trouble because of 2 states of that time. The first was using Tesla principle that was creating huge blast. The pulsating energy was very great. But it made the machine unable to be controlled. The first state was using Edison principle. The resulted energy was too feeble to create acceleration, and the first EV car was even unable to move forwards, not even an inches.

Then the team was agreeing to use several resistance and combining the Edison Principles to the Tesla. That is by adding parallel resistance in between. To keep the equilibrium and makes the machine able to run in stabile mode, then new process was then added. The electric system was then created to be rotating in certain degrees. Then it was named as EV Multi Rotator, that creates the necessary pulsatory drives to enabling the car to accelerating in the matter of split seconds, and able to moves in super high speeds. Because the car was intended to be super car, then new ideas to create open wide hinge door in the left and right side was then added. For what? For satisfying the child dream inside of everyone in the team off course!

The ideas for creating EV Car are around since 1990's. But many counter parts of the societies still aren't ready to accepts the shifting of energy sources from oil to electric.

# Creating New Equations

## from Detecting Demands

- Creating **Multi Terrain Large Structurized Heavy Duty Mega Eyed Driller** by Designing **Mega Tunnel Machine Driller**

The Ideas to decrease human power for creating drilled passages to creates roadways by conquering mountaineering, was then makes us come up with the ideas to create mega tunnel driller machines. This was called as the boring machine because the result was very effective, and not needing any kind of supervisions, so the process then can be quite boring to watch.

The results of 1 huge driller can be equal to 1000 man works in a week, with only 1 hour of activating. The size of the Mega Tunnel Driller are made according to the required planned of measurements. Whether the intended tunnels was being made for how many passage ways. Was it for building tunnels for highways, or for train rails. The machines was also being built to run very stabile, in very low velocity.

The very low speeds of drilling are designed to make sure the process are not creating any unnecessary quake in the ground, and also for making sure of the safety of the prior structures of the terrain minerals. Also for this reason, at the same time, men works must be done simultaneously to create the needed supporting circular walls, circulating the whole internal layers of the tunnel being built. With these considerations, the process was made to be safe and effective.

The strength of the internal layers are also made to be done multi layers. With measuring also the conditions of the city or the bottom of the oceans, or in any place. Many things was included in the equation and the measurements. Such as, if the layers must be piled by several water pipes or gas pipes, or electrical cables, and fiber optic cables, below or above the train or the car highways. The machines are also made to moves several degrees tilting, in order to creates the necessary inclinations. So, the machines can create inclined tunnel passage ways.

# Creating New Equations

## from Detecting Demands

- Creating **Glycine based multi sensorial neuronal detecting - monitoring - depicting - multi relays - interactivating brain systematics** by Designing **Neuronal interactive activation systems**

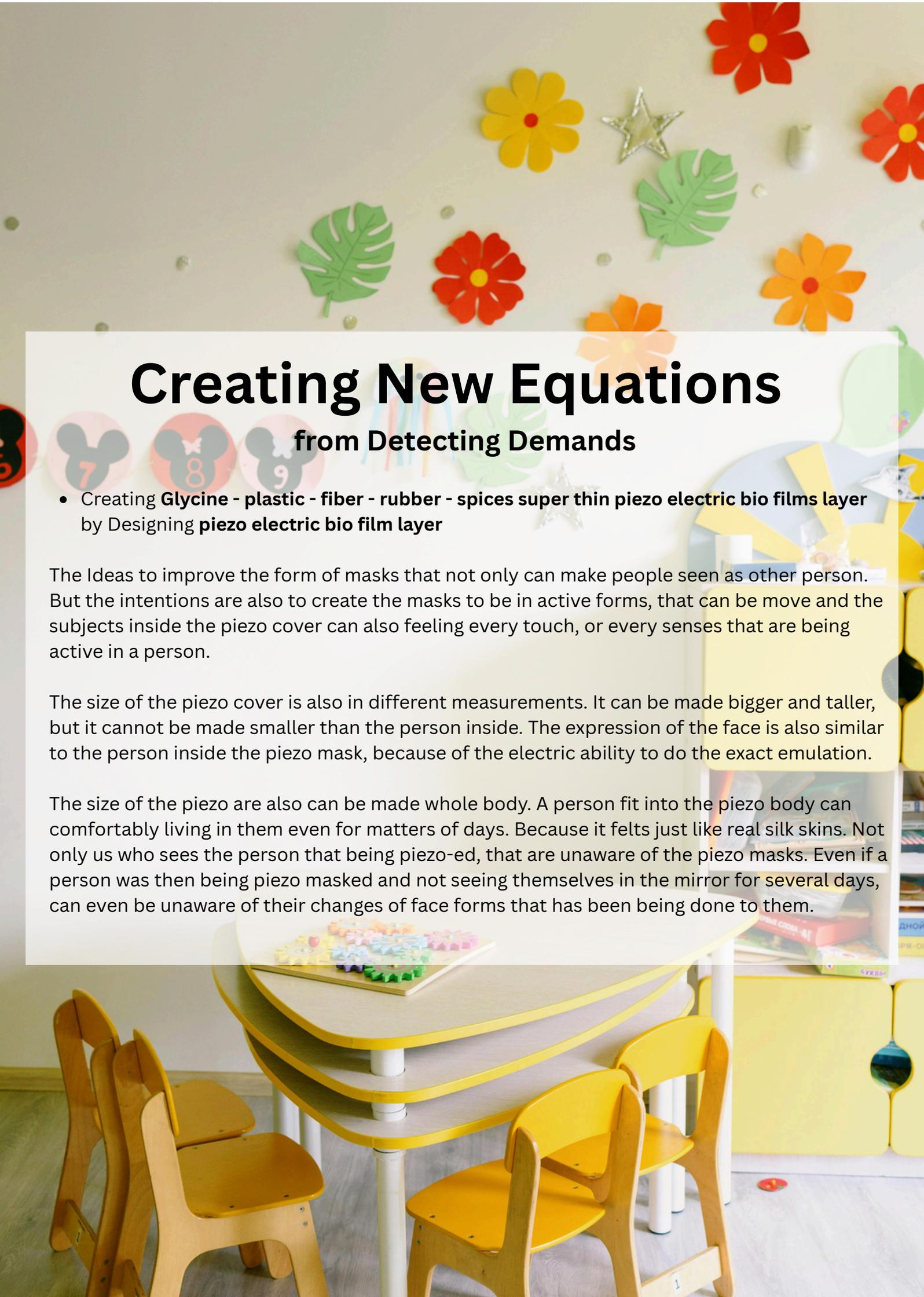
The Ideas to enabling healing on the person with brain traumas or brain injuries, then creating the drives to creates what was only glycine-based information for monitoring brain activity, into something that can be more productive. Not only for healing, but also for creating multi passages of information sending.

By this way, the subjects of person that are using the primal neuralink, are actively monitored simultaneously from distant. What the person sees, hears, think, feels, are all being send to the command center that are active to guards the person that was intended to guards.

The data from one primal neuralink subjects was submitted to the nearest relays station, multi devices, tower and or satellites, and being transmitted to the actively monitored command centers at several places, whether it is on water, ground or at air level.

Not only the locations of the subjects are to be guarded. The anxiety states, emotional levels, several emergency, then are activating the simultaneous monitoring command centers on many places in the planet. What the subject said, felt at heart, his or her minds, thinking, and even emotions, can be detected and being decipherically recorded, transformed from wavelength forms to verbal written data, and all the subjects sees and hears also being video recorded simultaneously from many command centers.

What the primal neuralink subjects sees, feel, think, and said, are then 24/7 recorded by the verbal tele-prompter that are actively recording and verbally written all of the transmissions in matter of half micro second, in the varied command centers, alerting devices on various platforms and in various places. To make sure of the safety conditions of the guarded subjects.



# Creating New Equations

## from Detecting Demands

- Creating **Glycine - plastic - fiber - rubber - spices super thin piezo electric bio films layer** by Designing **piezo electric bio film layer**

The Ideas to improve the form of masks that not only can make people seen as other person. But the intentions are also to create the masks to be in active forms, that can be move and the subjects inside the piezo cover can also feeling every touch, or every senses that are being active in a person.

The size of the piezo cover is also in different measurements. It can be made bigger and taller, but it cannot be made smaller than the person inside. The expression of the face is also similar to the person inside the piezo mask, because of the electric ability to do the exact emulation.

The size of the piezo are also can be made whole body. A person fit into the piezo body can comfortably living in them even for matters of days. Because it felts just like real silk skins. Not only us who sees the person that being piezo-ed, that are unaware of the piezo masks. Even if a person was then being piezo masked and not seeing themselves in the mirror for several days, can even be unaware of their changes of face forms that has been being done to them.