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To Whom It May Concern

25 August 2024

RE.: “Humanity’s Last Hope” Business Plan



A. Critical Global Risks

The Earth is experiencing an intense cyclical climate collapse, characterized by the following events:

- **Intense floods:** totrade.co/flood • **Snowstorms:** totrade.co/snow • **Extreme heat,** totrade.co/heat and • **fires:** totrade.co/fires • **Hailstorms:** totrade.co/hail • **Strong winds:** totrade.co/winds • **Powerful Cyclones:** totrade.co/cyclones • **Tornadoes:** totrade.co/tornado • **Earthquakes:** totrade.co/quakes • **Volcanic eruptions:** totrade.co/volcano • **Tsunami:** totrade.co/tsunami

The increasing frequency of **Global Risks** occurrences suggests an impending cataclysmic shift in our environment, which is already impacting many regions: totrade.co/regions

Esteemed organizations like NASA, ([web](#), [YouTube](#), [pole shift](#)), and intelligence agencies such as [The CIA](#) are aware of the critical risks that could lead to Earth’s [catastrophic conditions](#) projected within next decades. Independent scientists, including Dr. A. Egon Cholakian ([LinkedIn](#), ([bio](#)), [post](#), [YouTube](#)) and [others](#), as well as influential [billionaires](#), hypothesize that these top 5 events and tectonic plate pivots and displacements could occur simultaneously and globally within 24 hours by the latest in 2036.

English: It is crucial for investors, developers, corporations, financial system, and leaders of each country to recognize and mitigate these global risks with urgency and implement this “**Humanity’s Lat Hope**”. Failure to do so may accelerate dire outcomes, including the destruction and submersion of vast areas of land, well ahead of current projection before 2036.

Thai: มันเป็นเรื่องสำคัญสำหรับนักลงทุน นักพัฒนา บริษัท ระบบการเงิน และผู้นำของแต่ละประเทศต้องตระหนักและลดความเสี่ยงระดับโลกเหล่านี้อย่างเร่งด่วนและดำเนินการ “**ความหวังสุดท้ายของมนุษย**” นี้. หากไม่ทำเช่นนั้นอาจทำให้ผลลัพธ์ที่เลวร้ายเกิดขึ้นเร็วขึ้น รวมถึงการทำลายและการจมน้ำของพื้นที่กว้างใหญ่ ซึ่งอาจเกิดขึ้นก่อนการคาดการณ์ในปัจจุบัน ก่อนปี 2036.

Lao: มันเป็นเรื่องสำคัญสำหรับนักลงทุน, นักพัฒนา, บริษัท, ระบบการเงิน และผู้นำของแต่ละประเทศ ต้องรับรู้ถึงภัยคุกคาม และลดความเสี่ยงระดับโลกเหล่านี้ และดำเนินการ “**ความหวังสุดท้ายของมนุษย**” นี้. ถ้าไม่ดำเนินการอย่างนั้นอาจทำให้ผลลัพธ์ที่เลวร้ายเกิดขึ้นเร็วขึ้น รวมถึงการทำลายและการจมน้ำของพื้นที่กว้างใหญ่ ซึ่งอาจเกิดขึ้นก่อนการคาดการณ์ในปัจจุบัน ก่อนปี 2036.



Table of Contents

| | |
|---|----|
| A. Critical Global Risks | 1 |
| B. The Principles of The laws of thermodynamics | 2 |
| C. Effective Leadership: for “Humanity’s Last Hope” | 6 |
| D. Recognizing and Overcoming Poor Leadership | 7 |
| E. “Humanity’s Last Hope” | 7 |
| F. Increase GDP by increasing freshwater usage | 9 |
| 1. Cheap Electricity Generation:..... | 10 |
| 2. Clean Transport Infrastructure:..... | 10 |
| 3. Global Water Distribution and Heat exchange: | 11 |
| 4. Large-Scale Land-based Horizontal farming..... | 12 |
| 5. Floatable Single Floor Greenhouse | 14 |
| 6. Multi-story skyscraper Vertical greenhouses | 16 |
| 7. Intermediary Solutions..... | 17 |
| 8. Exhibiting ASEAN Mainland as the model for “Humanity’s Last Hope”. | 19 |
| G. Action plans and Tool for Leadership | 20 |
| H. Global Financial Instruments | 21 |
| I. Resource curse | 24 |
| J. Meaning..... | 27 |

B. The Principles of The laws of thermodynamics

The laws of thermodynamics are fundamental principles that describe the behavior of energy and heat in systems. Here’s a brief overview:

- Zeroth Law of Thermodynamics:** It states that if two systems are in thermal equilibrium with a third system, they are also in thermal equilibrium with each other. [This law forms the basis for the definition of temperature.](#)
- First Law of Thermodynamics:** Also known as the [law of energy conservation](#), it states that energy cannot be created or destroyed in an isolated system. [Energy can only be transformed from one form to another, and the total energy of an isolated system remains constant.](#) The transfer of heat into another form are as follow:
 - **Heat to Pressure:** When heat is applied to a gas or liquid, it can cause an increase in pressure.
 - **Heat to Gravitational Potential:** Heat can cause expansion, which can raise the height of materials, converting to gravitational potential energy.
 - **Heat to Kinetic:** Heat energy can cause particles to move faster, increasing kinetic energy.
 - **Heat to Mechanical:** Heat can be used to produce mechanical work, for example, in steam engines.
 - **Heat to Electrical:** Thermoelectric generators convert heat directly into electromagnetic that produce electricity, photoelectric effect (solar cells), wave-like (frequency), and particle-like, electron, plasma, rays, photon, (light), ...
 - **Heat to Chemical:** Heat can initiate or speed up chemical reactions, storing energy in chemical bonds.



- **Heat to Nuclear:** In nuclear power plants, heat is used to convert water into steam, which drives turbines to generate electricity.
- **Heat to Sound:** Heat can cause air to expand and contract, producing sound waves.

These energy conversions are pivotal for the benefit of global development and should be utilized constructively rather than being allowed to harm humanity and the planet.

3. **Second Law of Thermodynamics:** This law asserts that the total entropy of an isolated system can never decrease over time. [It also implies that heat cannot spontaneously flow from a colder body to a hotter body.](#)
4. **Third Law of Thermodynamics:** It states that as the temperature of a system approaches absolute zero, the entropy of a perfect crystal approaches a constant minimum. [Practically, this means that it's impossible to reach absolute zero in a finite number of steps.](#)

These laws are crucial for understanding not just thermodynamics, but also various phenomena in physics, chemistry, and even biology relating to Regional and Global Risks.

THE REAL MASS EXTINCTION EVENTS APPROACHING

LinkedIn: [totrade.co/climate1](https://www.linkedin.com/company/totrade)

Facebook: [totrade.co/climate2](https://www.facebook.com/totrade)

Contrary to media sensationalism toward anthropogenic, sunspot activity—the main indicator of solar heat energy transfer according to the First Law of Thermodynamics—has been halving since the 1950 Solar Maximum (Source: <https://sidc.be/SILSO/monthlyssnplot>). This trend is characterized by visible phenomena such as [totrade.co/flood](#), [totrade.co/snow](#), [totrade.co/heat](#), [totrade.co/fires](#), [totrade.co/hail](#), [totrade.co/winds](#), [totrade.co/cyclones](#), [totrade.co/tornado](#), [totrade.co/quakes](#), [totrade.co/volcano](#), and [totrade.co/tsunami](#).

However, persistent low solar activity is rapidly weakening our magnetosphere, allowing continuous penetration of cosmic rays deep into Earth's interior. The long-term consequence of this weakening is an increase in the Earth's crust temperature. As a result, the Primary Water Cycle temperature and pressure are affected. Both disrupt the magnetic and electrical orderliness within the Earth. This disruption reduces energy transfer to the extent that the shallow molten layer behaves like a free liquid, serving as a lubricant for the ice caps. These ice caps can then shift approximately 90 degrees into the Torrid Zone, with Primary Water escaping to merge with the Secondary Water Cycle. This exponential increase in their volume and potential energy seeks equilibrium (following the Second Law of Thermodynamics).

Within a span of one quarter to half a day, the geographic poles shift toward the Torrid Zone, and chaos ensues. However, the Earth's atmosphere and oceans don't shift along with the shell; they continue their west-to-east rotation. At the equator, this rotational speed is approximately 1,037 miles per hour—necessary for completing one full revolution each day. While the shell moves with the poles shifting toward the equator, the winds blow eastward. Water from the Primary Cycle escapes and floods the Earth at supersonic speeds, inundating continents with water miles deep, ultimately destroying everything with which humanity has ever interacted.

The understanding of this process provides greater insight into prehistoric events. For instance, the Ice Ages are not solely characterized by the gradual advance and retreat of ice. Instead, different regions of the Earth experience polar conditions at varying times and for different durations. These positional changes occur rapidly, sometimes within a fraction of a day. The accompanying supersonic deluges deposit various extensive strata in the walls of the Grand



Canyon, Painted Desert, Monument Valley, the mountains around Mexican Hat, Canyon de Chelly, and the Maqui Dugway, as well as salt deposits in the Himalayan plateau, across Laos, and in many high-altitude landscapes. It's even possible for such shifts to recur within the next couple of years.

NB: The planet will be fine; it has endured most of these events:

- ▶ Coupled with human-made environmental destruction, global finite Earth resources are depleting due to freshwater pollution, deforestation, desertification, and other factors—resources consumed by humans but often wasted.
- ▶ Risks related to the (Super) Grand Solar Minimum are leading toward a transition to a Glacial Period (ongoing), rather than man-made dangerous Global Warming.
- ▶ Ongoing phenomena include Crustal Displacement, Magnetic Reversal & Excursions.
- ▶ We also face the potential of Solar Superflares and Cosmic Disasters.
- ▶ The impact of large or groups of medium-sized asteroids remains a concern.
- ▶ Global volcanic eruptions are increasing.
- ▶ Megafloods and global tsunamis are part of cyclical cataclysmic cycles. For more information, you can visit totrade.co/cataclysm.

SOLUTION AND SHORT URL:

Solution: totrade.co/solution

Solution PowerPoint: totrade.co/pwp

White Paper: totrade.co/paper

Communication: totrade.co/solcom

Join us to prepare and prevent it: totrade.co/form

Let's delve into the specific solutions:

Initiating immediate development in the ASEAN Mainland region, in partnership with collaborators and investors, to serve as the "Humanity's Last Hope"—a model designed to tackle critical global challenges through carbon-negative projects and expedite the transition towards a Type I Civilization. Follow us and Comment at LinkedIn comments: totrade.co/solcom.

1. Geothermal Energy: TOTRADE R&D has concluded that by harnessing the immense power of geothermal energy through the removal of heated water and hot air, we could depressurize magma pressure, thereby mitigating the risks of earthquakes, volcanic eruption, sea-level rise, mega-flood, huge tsunami, and tectonic plates displacement (totrade.co/teplates) that could lead to global catastrophic events, known as cyclical cataclysm (totrade.co/cataclysm). This Carbon-Negative innovative approach not only enhances Earth's safety but also provides a consistent supply of electricity and water, as well as exchange heat with coldness, on a global scale and beyond. Moreover, it contributes to eliminating food insecurity, water scarcity, the risks associated energy inequality...

2. The Hydroloop™: At the heart of TOTRADE's endeavors lies its trademarked and patented technology—the Hydroloop™. This groundbreaking system has a broader range of applications than any other transport system. It promises to revolutionize the industry by addressing critical challenges related to sustainability, climate crisis (totrade.co/crisis), and Carbon-Negative resource management, and swift progress to Type I civilization.

3. ASEAN Mainland as 'Humanity's Last Hope', is a global initiative aimed at sustainable development through Carbon-Negative and swift progress toward a Type I Civilization. TOTRADE actively participates in this vision, combining cutting-edge technologies and forward-thinking strategies to create a better future for our children, our planet and beyond.



In a world teeming with challenges, from climate change to global inequalities, the quest for solutions is more urgent than ever. This “[Humanity’s Last Hope](#)” initiative is a compendium of innovative ideas and actionable strategies aimed at steering our planet away from the brink of **cataclysm**. Within these pages lies a blueprint for change—a collective vision that unites the brightest minds in pursuit of a sustainable, equitable future. [Join us](#) as we embark on this pivotal journey to transform the world’s problems into opportunities for growth and harmony with nature.

Climate Collapse, a potential buildup to Cataclysm

As we approach intervals spanning from $\pm 5,000$ to $\pm 35,000$ years(1), the Earth experiences a cyclical buildup of Climate Collapse, culminating in a [Cataclysm](#) that extinguishes most life in less than a day.

The increasing frequency of Global Risks occurrences suggests an impending [cataclysmic shift](#) in our environment, which is already impacting many regions: totrade.co/catalysm.

Solution: Let's delve into the specific solutions:

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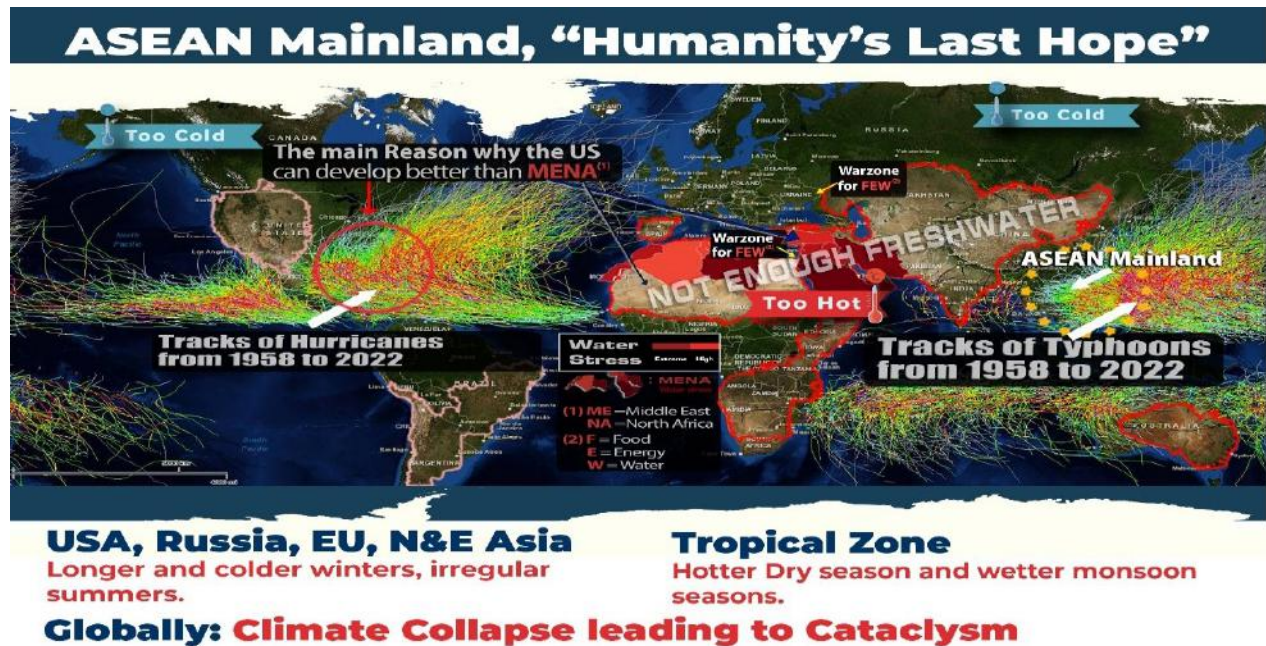
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In summary, TOTRADE represents innovation, resilience, and solution commitment (totrade.co/solution) to address the critical global challenges characterized by the Climate collapse and shaping a more sustainable future.



ASEAN Mainland: “Humanity’s Last Hope” for a better and safer world. [PowerPoint Presentation](#).

C. Effective Leadership: for “Humanity’s Last Hope”

In a world teetering on the brink of a [global climate crisis](#), the role of [visionary and effective leadership](#) cannot be overstated. The prosperity of nations has often been attributed to the foresight and governance of their leaders, as seen in [Singapore](#), China, and Dubai. Yet, the challenges we face in the coming decades are unprecedented. The looming threat of a [Global Climate Collapse](#) could precipitate a [catastrophic event on a worldwide scale](#). It is crucial for leaders to not only steer us through these environmental tumults but also to be at the forefront of championing sustainable development and enhancing disaster resilience.

The 6 Steps to Cultivating Visionary and Effective Leadership:

1. **Self-awareness:** Engage in introspection to understand your strengths, weaknesses, and unique leadership approach. Solicit and value feedback from peers and mentors to pinpoint areas for growth and untapped potential.
2. **Vision and strategy:** Craft and communicate a compelling vision for your team or organization. Develop a strategic plan to realize this vision and rally your team members and stakeholders around it.
3. **Decision-making:** Promote a decision-making culture that values diverse viewpoints and thorough consideration of all possibilities. Make bold decisions, own them, and learn from the outcomes—both good and bad.
4. **Communication:** Hone your communication skills to be effective in both written and verbal forms. Strive for clarity, brevity, and empathy. Actively listen and tailor your communication to suit various contexts and audiences.



5. **Emotional Intelligence:** Be attuned to your emotions and those of others. Manage emotions constructively to foster a supportive workplace. Cultivate trust, handle conflicts wisely, and respond to feedback positively.
6. **Lifelong Learning:** Commit to ongoing personal and professional development. Pursue new learning opportunities, mentorship, and stay abreast of industry trends. Share your insights and learnings generously with others.

D. Recognizing and Overcoming Poor Leadership

Ineffective leadership is often betrayed by poor communication. To identify a leader who may be falling short, consider these eight signs:

1. **Lack of Vision:** While effective leaders chart a clear course, inadequate leaders are often directionless.
2. **Poor Communication Skills:** Ineffective leaders often fail to articulate their thoughts clearly to their team. Communicate breakdowns into team cohesion and productivity
3. **Resistance to Feedback:** Leaders who dismiss constructive criticism impede both their own development and that of their team.
4. **Resistance to Change:** Poor Leaders resist change. They pretty much never admit that even to themselves but really does hinder growth.
5. **Ego-Driven Decisions:** Decisions should advance the team and the organization, not serve the leader's personal agenda and greed.
6. **Toxic Work Environment:** Poor leadership can cultivate a harmful culture, leading to brain drain, high turnover rates and significant costs.
7. **Micromanagement:** micromanagement stifles creativity and it really does demoralize the team or their people. But please don't confuse micromanagement with attention to details and accountability.
8. **Lack of Accountability:** Leaders must take responsibility. Poor Leaders avoid accountability.

Apply these criteria to assess whether your leadership—or that of others—is conducive to success.

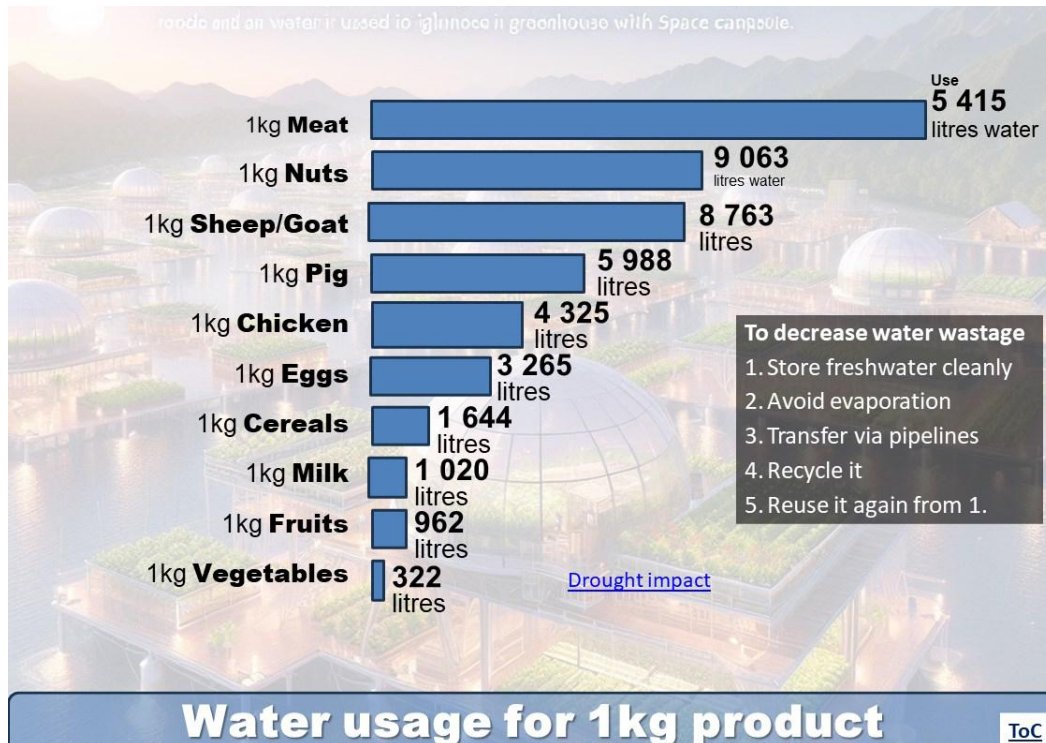
Addressing poor leadership issues is crucial for fostering an effective, robust and healthy leadership dynamic to guide the team in facing challenges such as climate collapses characterized by intense floods, earthquakes, strong winds, volcanic eruptions, tsunamis, and tectonic plate pivots and displacements. These events could occur simultaneously and globally within 24 hours, as projected by the latest estimates for 2036. Humanity's survival under such circumstances is questionable.

E. “Humanity’s Last Hope”

To effectively address global risks, it is imperative for leaders to formulate comprehensive strategies that foster the development of an innovative economic model. This model should be aligned with the United Nations Sustainable Development Goals ([UNSDGs](#)), incorporating robust solutions to confront emerging threats. By doing so, it will streamline the [mobilization of funds](#) earmarked for these objectives and ensure a state of readiness to handle any potential [contingencies](#). Such a proactive approach will not only contribute to sustainable development but also enhance the resilience of economies against unforeseen challenges.

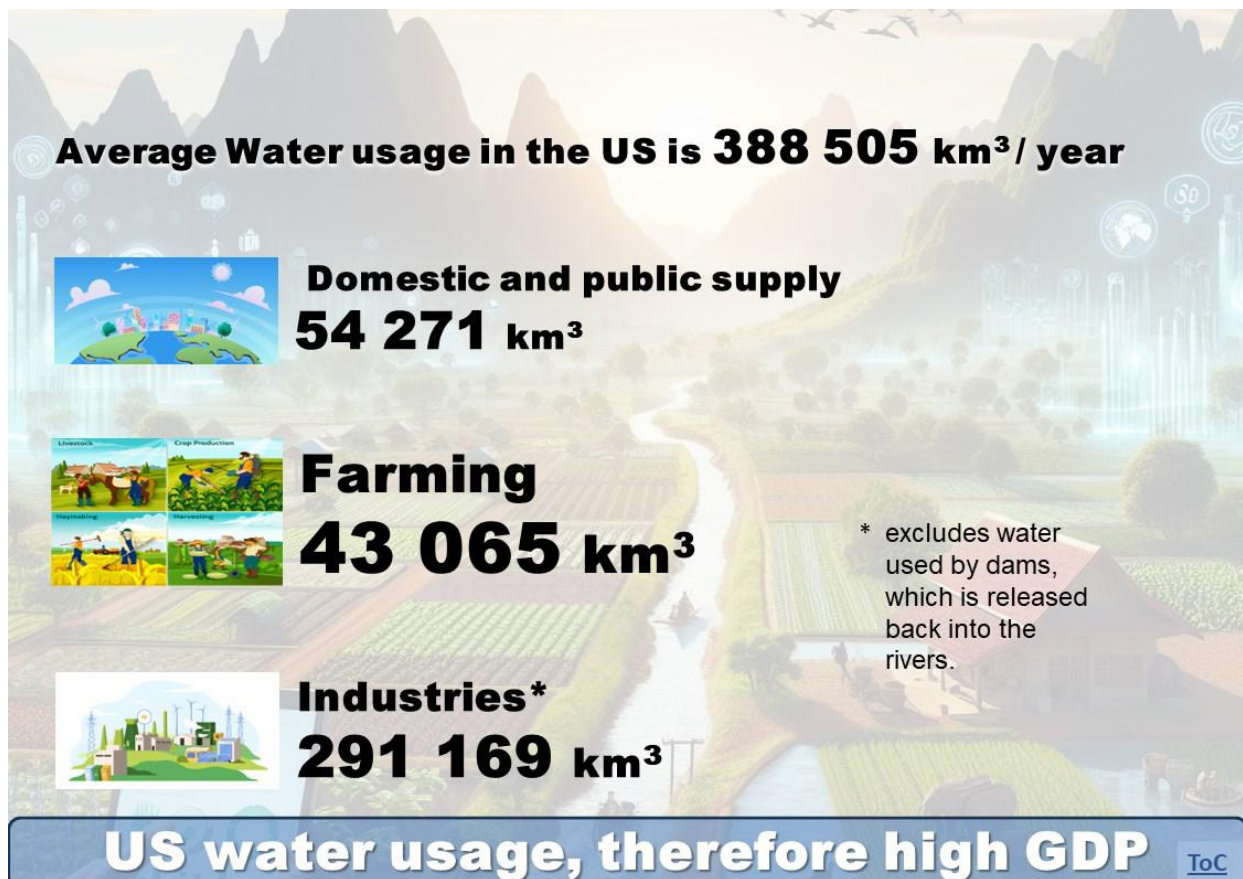


Global Food Security:



A water footprint shows the extent of water use and reuse to produce food. The total water usage exclude used by dams which water is released into the rivers in Europe is approximately 286 km³ per year. The total water usage in the United States is approximately 388,505 km³ per year (2015) while Laos only uses a tiny 0.75 km³ per year. The more the GDP, the bigger is freshwater usage. The higher the GDP, the greater the freshwater usage.





F. Increase GDP by increasing freshwater usage

Let's explore how we can maximize the use of water for various purposes:

- 1. Agriculture and Food Production:**
 - Implement efficient irrigation techniques such as **drip irrigation** and **rainwater harvesting** to optimize water usage in agriculture.
 - Promote **hydroponics** and **aquaponics**, which use water-based systems to grow crops without soil. These methods can significantly reduce water consumption while producing fresh produce.
- 2. Energy Generation:**
 - **Hydropower:** Utilize water to generate electricity through hydropower and geothermal plants. Dams and reservoirs can store water, which is then released via pipelines to turn turbines and produce energy at end-point.
- 3. Industrial Processes:**
 - Industries can recycle and reuse water within their processes. Implementing **closed-loop systems** reduces the need for fresh water.
 - Use water-efficient technologies in manufacturing and production.
- 4. Clean Transport Systems:**
 - Develop water-based transportation systems, such as the Hydroloop System.
 - Explore water-based public transportation options in cities near rivers, lakes, or coastal areas.
- 5. Space Exploration:**
 - Water is essential for life support in space. Export water via the Hydroloop System to sustain astronauts during long missions.
 - Investigate **water-based propulsion systems** for spacecraft.



6. **Mitigating Risks:**

- **Flood Management:** Use water reservoirs and flood control systems to manage excess water during heavy rainfall.
- **Climate Change Adaptation:** Develop strategies to cope with changing water availability due to climate change.

Remember, balancing water use across these sectors requires collaboration between governments, industries, and individuals. By maximizing water efficiency, we can increase GDP and create a more sustainable and resilient future.

| Household Items | Food |
|----------------------------------|---------------------------------|
| Car: 52,000–83,000 liters | Chocolate: 17,200 liters |
| Leather Shoes: 8,000 liters | Beef: 15,415 liters |
| Smartphone: 12,760 liters | Sheep/Goat Meat: 8,763 liters |
| Jeans (cotton): 10,850 liters | Pork: 5,988 liters |
| Bed Sheet (cotton): 9,750 liters | Avocado: 2,000 liters |
| T-shirt (cotton): 2,720 liters | Fruits (average): 962 liters |
| Paper (1 piece; A4): 5.1 liters | Vegetable (average): 322 liters |

- Initiating immediate development in the ASEAN Mainland region fertile land and [abundant water footprint to the maximum](#), this area holds immense promise for bolstering global solutions.
- The region’s agricultural practices, for example, can be optimized to produce a diverse range of crops, ensuring a steady supply of nutritious food.
- By implementing sustainable farming techniques and promoting local agriculture, ASEAN Mainland can contribute significantly to feeding the world’s growing population.

1. **Cheap Electricity Generation:**

- ASEAN Mainland possesses a unique advantage in its abundant geothermal power potential.
- The **Hydroloop™ System**, championed by **TOTRADE**, harnesses geothermal energy and heated groundwater to provide a constant supply of electricity and water, and to mitigate risks associated with increased magma and groundwater pressures.
- By tapping into this renewable energy source, ASEAN Mainland can not only meet its own power needs but also export surplus electricity to neighboring countries, globally, and beyond through **Carbon-Negative** and **swift progress towards a Type I Civilization**.

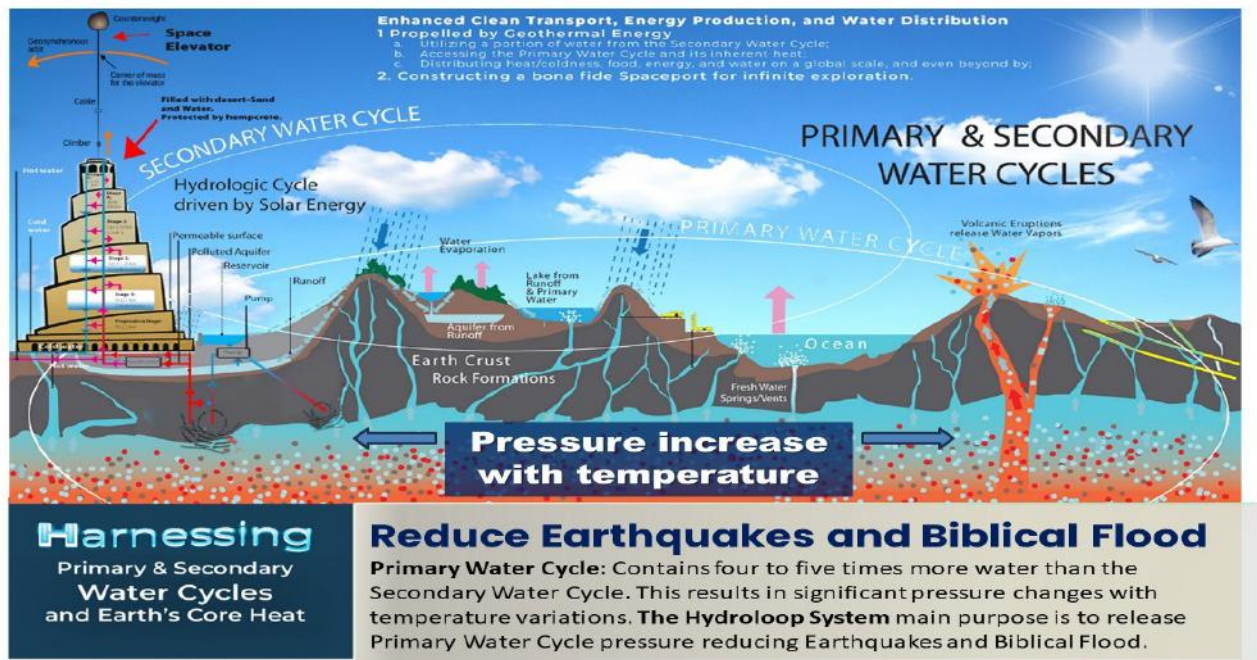
2. **Clean Transport Infrastructure:**

- ASEAN Mainland has the opportunity to leapfrog traditional fossil fuel-based transport systems using pressurized water, The **Hydroloop™ System**.
- Investing in electric and hybrid vehicles, efficient public transportation, and cycling infrastructure can create a clean and sustainable transport network using water-related energy (H2, Oxygen, kinetic, pressure, gravity...)./
- By prioritizing eco-friendly mobility options, ASEAN Mainland can reduce pollution, enhance air quality, and improve overall well-being.



3. Global Water Distribution and Heat exchange:

- The Hydroloop™ System, leveraging the power of geothermal energy, presents a viable solution to the pressing issue of water scarcity.
- Efficient distribution of freshwater, coupled with the utilization of coldness and excess heat exchange, positions the ASEAN Mainland as a key player in promoting global access to clean water.
- The Hydroloop™ System's Geothermal component extracts magma-heated water from the Primary Water Cycle, thereby reducing pressure. This process can help mitigate major natural disasters such as mega floods, earthquakes, and tsunamis by distributing heated or cooled water across the globe and beyond with the implementation of a new clean transport system without the use of fossil fuel. This system will work in space and beyond without air for fossil fuel combustion.
- Our Research and Development (R&D) Teams are committed to exploring optimal methods for energy conversion, adhering to the laws of thermodynamics, and harnessing geothermal, gravitational, and kinetic energy. Through continuous research, we aim to mitigate various regional and global risks, including floods, droughts, extreme heat, wildfires, earthquakes, tsunamis, and cataclysm.



The **Primary Water Cycle** can be significantly affected by increased magma temperatures. When magma temperatures rise, it heats the surrounding water, leading to an increase in pressure below the Earth's crust. This process can influence the behavior of geothermal systems and potentially contribute to volcanic activity, Earthquakes, Mega floods, and tectonic displacement. Studies suggest that the chemical composition of mafic magmas is a critical indicator of the physicochemical conditions, such as pressure and temperature, accompanying melt production in the mantles. The redirection of energy from the **Primary Water Cycle** can be harnessed for beneficial purposes such as hydroelectric and geothermal power generation, clean transport, water and food security, greening the deserts, heat and coldness exchange, industrial, private, recreational, global risks reduction, and space programs applications...



ASEAN stands at the crossroads of opportunity, ready to contribute to a more sustainable and resilient world. As we strive for the United Nations Sustainable Development Goals ([UNSDGs](#)), let us recognize ASEAN Mainland as “**Humanity’s Last Hope**”—nations committed to positive change for the benefit of all.

[Totrade.co](#) envisions a transformative approach to food production in ASEAN, integrating nature and sustainability at its core. This vision encompasses a spectrum of innovative solutions, from floating single-floor greenhouses equipped with aquaponics systems to towering multi-story vertical greenhouses. By adopting carbon-negative technologies and climate-adaptive practices within green architectural designs, the initiative aims to foster sustainable living. This forward-thinking model not only elevates food production but also strategically shifts economic reliance away from [traditional housing markets](#), thereby contributing to a more resilient GDP growth. Let’s delve into the details of this remarkable concept:

4. Large-Scale Land-based Horizontal farming



Large Scale Land-based Horizontal Smart Farming: Revolutionizing Agriculture

Technological advancements in recent years have revolutionized the agricultural sector, heralding a new age of efficiency and sustainability. At the vanguard of this revolution is large-scale horizontal smart farming, which marries state-of-the-art technologies with time-honored agricultural methods. This article delves into this innovative concept and examines its role in sculpting the future of farming. A prime example is the Netherlands, a nation comparable in size to Texas, yet it ranks second globally in food and plant production, showcasing the impact of smart farming.

What Is Large Scale Horizontal Smart Farming?

Large-scale horizontal smart farming refers to the integration of [information and communication technologies \(ICT\)](#) ([Team](#), information@totrade.co, [Engage](#)) into agricultural production systems on a massive scale. Unlike traditional farming methods, which rely heavily on manual labor and intuition, smart farming leverages automation, data analytics, and precision techniques (water, light, and nutrient optimization) to maximize crop yield, and overall farm management.

Key Components of Large-Scale Horizontal Smart Farming:



1. IoT Sensors and Connectivity:

- Smart farms deploy a network of sensors across vast fields. These sensors collect real-time data on soil moisture, temperature, humidity, and other environmental factors.
- The Internet of Things (IoT) connects these sensors, enabling seamless data transmission to centralized systems.

2. Data Analytics and Decision Support:

- Collected data is analyzed using sophisticated algorithms. Machine learning models predict crop health, disease outbreaks, and yield potential.
- Farmers receive actionable insights, allowing them to make informed decisions about irrigation, fertilization, and pest control.

3. Precision Agriculture Techniques:

- GPS-guided tractors and machinery ensure precise planting, fertilization, and harvesting.
- Variable rate technology adjusts inputs (such as water and nutrients) based on specific field conditions, optimizing resource usage.

4. Remote Monitoring and Automation:

- Drones and satellites monitor crop health, detect anomalies, and assess field conditions.
- Automated irrigation systems adjust water delivery based on real-time needs.

5. Crop Management Systems:

- Large-scale farms use integrated software platforms to manage planting schedules, track inventory, and monitor equipment maintenance.
- These systems streamline operations and enhance productivity.

Benefits of Large-Scale Horizontal Smart Farming:

1. Increased Efficiency:

- Automation reduces labor costs and minimizes human error.
- Precise resource allocation leads to higher yields and better resource utilization.

2. Sustainability:

- Reduced chemical usage and optimized irrigation contribute to environmental conservation. Carbon-Negative Initiatives Through Plant Multiplication Techniques.
- Smart farming practices promote soil health and biodiversity.

3. Resilience to Climate Change:

- Early disease detection and adaptive strategies mitigate climate-related risks.
- Data-driven decisions enhance farm resilience.

4. Economic Viability:

- Improved yields translate to better profits.
- Reduced waste and efficient resource management enhance financial sustainability.
- Expandable both horizontally and vertically to expedite the transition to a Type I civilization.

Challenges and Future Prospects:

1. Infrastructure Investment:

- Implementing large-scale smart farming requires substantial investment in Water management, flood and drought prevention, sensors, connectivity, and software.
- Governments and private sectors must collaborate to build the necessary infrastructure.

2. Data Security and Privacy:

- Protecting sensitive farm data is crucial.



- Robust cybersecurity measures are essential.
- 3. Education and Adoption:**
 - Farmers need training to embrace smart farming practices.
 - Awareness campaigns can accelerate adoption.

In conclusion, large-scale Carbon-Negative horizontal smart farming holds immense promise for addressing global food security challenges. By harnessing technology using a centralized system, we can cultivate more efficiently, sustainably, and resiliently, ensuring a bountiful harvest for generations to come.

5. Floatable Single Floor Greenhouse



This innovative design offers a cost-effective layout that is uniquely buoyant, allowing it to adapt seamlessly to both flooding and drought conditions. It integrates comfortable living spaces with essential utilities, ensuring uninterrupted functionality and resilience in the face of changing environmental challenges.





Concept:

The **Floatable Single Floor Greenhouse** is an Carbon-Negative innovative design aimed at addressing both budget constraints, flood and drought prevention, and the need for expandability. Here are the key features:

a. **Affordability and Local Materials:**

- The greenhouse is intentionally designed to be **low-budget**, utilizing materials that are **readily available** within the local community.
- By leveraging locally sourced components, construction costs are minimized, making it accessible to a wider range of growers.

b. **Expandability:**

- The greenhouse's modular design allows for **easy expansion**. As your needs evolve or your crop variety increases, you can seamlessly add additional sections.
- Whether you're cultivating vegetables, herbs, or flowers, the **expandable** nature of this greenhouse ensures flexibility.

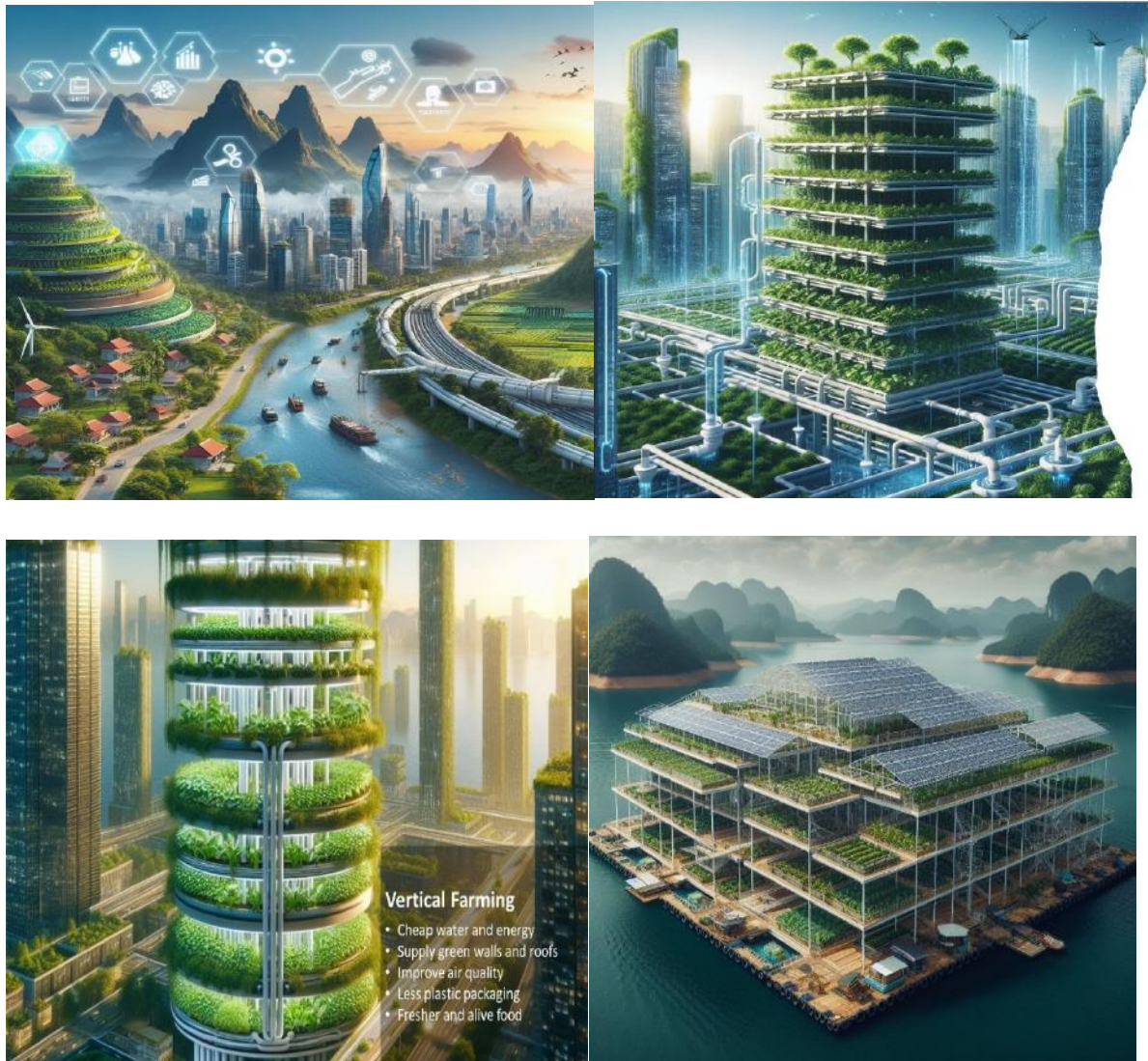
c. **Prolonged Growing Period:**

- The primary goal of the Floatable Single Floor Greenhouse is to **extend the growing season**.
- By providing a controlled environment, it allows for planting earlier in the spring and harvesting later into the fall.
- The greenhouse's design ensures optimal light exposure, temperature regulation, and protection from adverse weather conditions.

In summary, this innovative greenhouse combines affordability, adaptability, and extended growing capabilities, making it an excellent choice for resource-conscious farmers and gardeners.



6. Multi-story skyscraper Vertical greenhouses



Concept:

- These Carbon-Negative skyscraper greenhouses are designed for big budget to ascend vertically, with each floor serving a specific purpose.
 - The ground floor, during the dry season, is dedicated to educational workshops with **aquaculture**, fostering a thriving aquatic ecosystem. Imagine shimmering pools teeming with fish and aquatic plants.
- From the **second floor upward**, stackable smart farming greenhouses take centre stage. These modular structures house crops, herbs, mushrooms, and even small fruit trees. Their vertical arrangement maximizes space efficiency.
- Space capsules** on each floor serve as workstations for staff members and visitors. These transparent capsules provide panoramic views of the lush greenery and allow workers to monitor plant health, adjust climate conditions, and tend to crops.
- Cooling Mechanism:**
 - The entire complex utilizes an ingenious water cooling system.



- **Rainwater harvesting** from the rooftop is a primary source of cooling. As rain cascades down the building's exterior, it cools the greenhouse walls and nourishes the plants.
 - The water cycle continues: Excess rainwater is collected and pumped back up to the rooftop, ensuring a sustainable loop.
 - **Evaporative cooling** further moderates the internal temperature. Water misters release fine droplets, which absorb heat and create a refreshing microclimate.
 - The combination of rainwater and evaporative cooling maintains optimal conditions for plant growth while keeping the interior comfortable for staff and visitors.
 - The Hydroloop™ System: supplying water, cooling, and nutrients controlled by IoT.
- e. **Transparency and Connection:**
- The greenhouse walls are predominantly made of **transparent materials**, such as glass or polycarbonate. This allows sunlight to flood the interior, promoting photosynthesis.
 - Staff members and visitors can observe the lush greenery from their space capsules, fostering a sense of connection with nature.
 - The building's transparency also invites visitors and tourists to witness the magic of sustainable agriculture in action.
- f. **Eco-Friendly Practices:**
- The greenhouses are powered by **renewable energy sources**, such as solar panels integrated into the rooftop.
 - **Vertical gardens** adorn the exterior, providing additional insulation and enhancing biodiversity.
 - The aquaculture system supports a balanced ecosystem, where fish waste fertilizes the plants, and plants filter the water.
- g. **Community Engagement:**
- These skyscraper greenhouses are not just functional; they're also community hubs.
 - The ground floor hosts educational workshops, teaching visitors about aquaculture, sustainable farming, and environmental stewardship.
 - Rooftop cafes offer panoramic views of the city and the thriving green oasis below.

In summary, our vision combines cutting-edge technology, ecological consciousness, and architectural elegance. These skyscraper greenhouses stand as beacons of sustainable living, inviting people to coexist harmoniously with nature while reaping the benefits of fresh and alive produce and aquaculture.

7. Intermediary Solutions

For the budget in between, the Carbon-Negative Floating Single Floor to Stackable, Mobile, Sustainable localized Greenhouse Home are ideal for many budgets with cost savings.



Capsule House: *Floatable, Stackable, low-cost, prefabricated.*



Let's explore the innovative concepts of **floating homes** and **greenhouses**:

1. Floating Single Floor Homes:

- **FlowPod:** Imagine a self-sustaining floatable home that combines smart technology, eco-friendliness, and stability. The **FlowPod**, developed on ;and, floatable on rivers, lakes, flooded plains, oceans, is the world's first eco-restorative floatable home. Supported by air-filled steel tubes, it remains stable even in water waves. Inside, a personalized smart ring controls over 150 smart technologies, allowing owners to customize their living space. [As FlowPod communities form above water, marine life can flourish below, growing on the steel structure like an artificial reef¹².](#)

2. Stackable Localized Greenhouse Homes:

- **HydroBarge:** This floating greenhouse desalinates seawater and filter polluted water to irrigate and grow plants. The wood and plastic dome, supported by recycled plastic drums, mimics the water cycle. Solar panels heat salted water, turning it into clean, fresh, drinking water. The hydroponic system allows crops to grow in an inert bed of clay enriched with mineral nutrients. [It's an efficient way to save time, water, and electricity to produce food³.](#)

3. Greenhouse Flooring Options:

- When it comes to greenhouse flooring, consider factors like drainage, weed management, and runoff mitigation. Here are some options:



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- **Compacted/Crushed Rock:** Suitable for hydroponics, grow bags, and tabletop growing.
- **Pea Gravel:** Provides good drainage.
- **Soil:** Ideal for in-ground planting.
- **Raised Beds:** Keep them below 12 inches for NRCS High Tunnel Grant compliance.
- **Concrete Slab:** Durable and easy to clean.
- **Wood Floors:** Comfortable for walking.
- **Landscape Fabric:** Use it along the perimeter to control weeds and protect the edges⁴⁵.

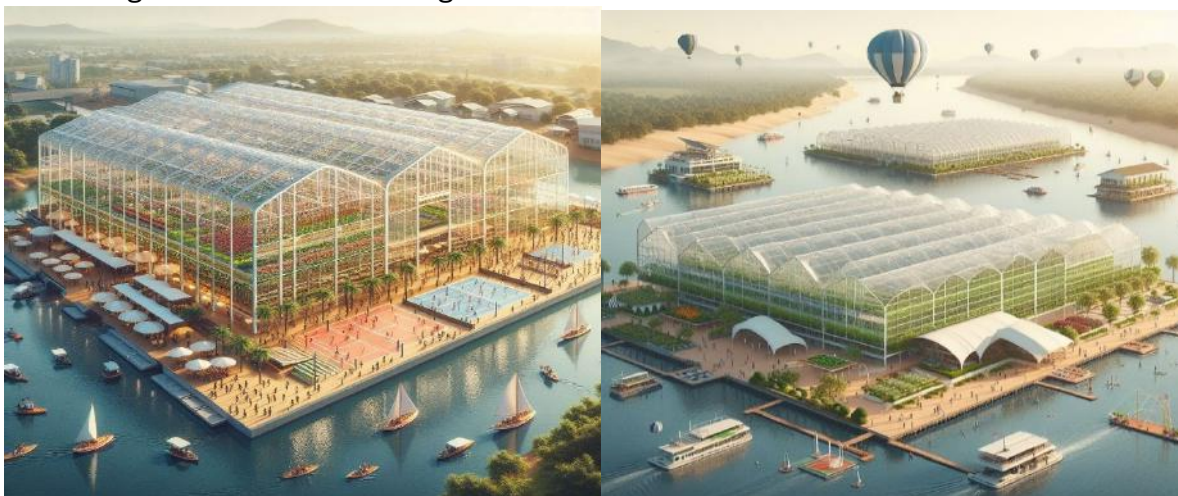
These innovative concepts offer Carbon-Negative, single plastic usage reduction, sustainable living and efficient food production next to consumers, allowing access to live food, a concept not yet exploited at full potential. Whether floating on water or growing in greenhouses, they redefine our relationship with the environment! 🌱🏠🌐

8. Exhibiting ASEAN Mainland as the model for “Humanity’s Last Hope”.

Annually, the yearly revised concepts will be showcased at a prime location, demonstrating what ASEAN Mainland, in collaboration with partners and investors, can achieve the Beacon of Hope for the world.



From Large-scale Smart Farming





To the consumers greenhouses to pick them fresh and alive reducing single plastic usage!

Experience the Bounty of Nature: At our yearly exhibition, guests can savor the goodness of freshly picked fruits straight from our orchard trees in the consumers greenhouses supplied regularly by intermediary greenhouses and large-scale horizontal farming. Our living vegetables are harvested just before mealtime, ensuring peak flavor and nutrition. And for seafood enthusiasts, our live fish and crustaceans are prepared moments before serving, guaranteeing a delightful culinary experience.

G. Action plans and Tool for Leadership

Goal: Modernize ASEAN agriculture and industries with state-of-the-art infrastructure and space programs, eliminating [resource curse](#) by enhancing collaboration across members, their departments, companies, and investors.

Approach: As part of **Carbon-Negative** initiative, unify agencies under a single Microsoft 365 tenancy for centralized digital culture and strategic development⁽¹⁾. We begin by utilizing [totrade.co](#). Later, we'll migrate and integrate [LaoAgri.com](#) and other departmental internet domains onto this unified platform using [Totrade system apps](#): [Office365](#), [Teams](#), [Engage](#), [Admin](#), [Azure](#), [Calendar](#), [Sway](#), [Engage](#), [Stream](#), [Visio](#), [To Do](#), [Whiteboard](#), [Lists](#), [Planner](#), [Loop](#), [Delve](#), [People](#), [PowerPage](#), [Forms](#), [Power apps](#), [Automate](#), [BI](#), [SharePoint](#), [OneNote](#)... serve to implement “**Humanity’s Last Hope**”, [Word](#), [Team](#), PDF: [bit.ly/HumanLastHope](#), a model and a business plan to address these critical global challenges through Carbon-Negative projects and swift progress towards a Type I Civilization:

1. Information Technology (ITC), [Team](#), [information@totrade.co](#), [Engage](#).
2. Irrigation, electricity production, clean transport [Team](#), [irrigation@totrade.co](#), [Engage](#).
3. Research and Development (R&D) [Team](#), [rd@totrade.co](#), [Engage](#).
4. Land Management and Development, [Team](#), [land@totrade.co](#), [Engage](#).
5. Forestry for global Reforestation, [Team](#), [forest@totrade.co](#), [Engage](#).
6. Agriculture (for global food security), [Team](#), [agri@totrade.co](#), [Engage](#).
7. Animal Husbandry and Fisheries, [Team](#), [animal@totrade.co](#), [Engage](#).
8. Technical Promotion and Processing, [Team](#), [tech@totrade.co](#), [Engage](#).
9. Rural Development and Cooperatives, [Team](#), [rural@totrade.co](#), [Engage](#).
10. Financial and Procurement⁽²⁾, [Team](#), [financial@totrade.co](#), [Engage](#).
11. International Trading (IPO), [Team](#), [ipo@totrade.co](#), [Engage](#).
12. International Cooperation, [Team](#), [international@totrade.co](#), [Engage](#).

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Deployed Cases: Government of [Malaysia](#), [Australia](#), [Bahrain](#), [Qatar](#), [Abu Dhabi](#), [Poland](#), [Belgium](#), [Welsh](#), and [many corporations](#).

For [Enhanced Multilateralism](#) Leadership to manage advanced and large-scale global projects, two primary AI-assisted communication tools dominate the market: Google Workspace and Microsoft 365 (MS365). Many [enterprises](#), [education institutions](#), and [Government entities](#) favor MS365 over Google Workspace due to its comprehensive features. Consequently, we have chosen to adopt MS365 for our operations. To join our team, [fill the application form](#).

H. Global Financial Instruments

Funding “**Humanity’s Last Hope**” requires a strategic approach, and various financial instruments can play a crucial role. Let’s explore some options:

1. **Green Bonds:** These are fixed-income securities specifically designed to fund environmentally friendly projects. Issuers raise capital by selling green bonds to investors, and the proceeds are earmarked for sustainable initiatives. By investing in green bonds, individuals and institutions can contribute to causes aligned with environmental protection and sustainability.
2. **Institutions and Major Shareholders:** institutions and major shareholders play a significant role in funding global initiatives. These entities can allocate resources directly or indirectly through their investments. For instance, institutional investors (such as pension funds, sovereign wealth funds, and endowments) often have substantial portfolios and can influence capital allocation decisions.
3. **Private Investors:** Private investors, including venture capitalists, angel investors, and impact investors, can contribute to “**Humanity’s Last Hope.**” Impact investing focuses on generating positive social and environmental outcomes alongside financial returns. By directing capital toward impactful projects, private investors can drive positive change.
4. **Crowdfunding:** Leveraging the power of collective contributions, crowdfunding platforms allow individuals to support specific causes. Campaigns related to humanitarian efforts can attract a diverse range of donors, from small individual contributors to larger philanthropic organizations.
5. **Zakat:** In Islamic tradition, zakat is a form of obligatory charity. Muslims who meet specific criteria are required to give a portion of their wealth to support those in need. Zakat can be channelled toward humanitarian projects, including “**Humanity’s Last Hope.**” Humanity includes Muslims.
6. **Social Enterprises:** Social enterprises combine business principles with a social or environmental mission. These organizations generate revenue while addressing societal challenges. Investing in or supporting social enterprises can contribute to funding critical initiatives.
7. **Banking Institutions** including Central Banks, the World Bank, the International Monetary Fund (IMF), ADB (climate finance), Commercial Banks, and Investment Banks, possess the capability to create currency with a mere stroke of the pen. This power can be harnessed to fund initiatives deemed as ‘Humanity’s Last Hope’, provided there is a collective will to do so.

Institutions and Major Shareholders



For the case of Institutions and Major Shareholders, there are about 4 major holders that holds the shares of most of international corporations: Vanguard Group Inc, Blackrock Inc., Berkshire Hathaway, Inc, and State Street Corporation.

Example, [Apple](#):

- 5.94%** % of Shares Held by All Insider
- 56.71%** % of Shares Held by Institutions
- 60.29%** % of [Float](#) Held by Institutions

The 56.71% Top 4 Holders are:

| Holder | Shares | Date Reported | % Out | Value |
|--------------------------|---------------|---------------|-------|-----------------|
| Vanguard Group Inc | 1,318,064,349 | Dec 30, 2023 | 8.54% | 226,021,668,935 |
| Blackrock Inc. | 1,042,391,808 | Dec 30, 2023 | 6.75% | 178,749,342,782 |
| Berkshire Hathaway, Inc | 905,560,000 | Dec 30, 2023 | 5.86% | 155,285,424,931 |
| State Street Corporation | 586,052,057 | Dec 30, 2023 | 3.80% | 100,496,204,230 |

The same Holders are also invested in [Microsoft](#):

- 0.05%** % of Shares Held by All Insider
- 73.86%** % of Shares Held by Institutions
- 73.90%** % of [Float](#) Held by Institutions
- 6,760** Number of Institutions Holding Shares

The 73.86% Top 4 Holders are:

| | | | | |
|--------------------------|-------------|--------------|-------|-----------------|
| Vanguard Group Inc | 664,908,939 | Dec 30, 2023 | 8.95% | 279,740,489,627 |
| Blackrock Inc. | 538,937,099 | Dec 30, 2023 | 7.25% | 226,741,616,949 |
| State Street Corporation | 297,627,282 | Dec 30, 2023 | 4.01% | 125,217,750,446 |
| FMR, LLC | 218,838,469 | Dec 30, 2023 | 2.95% | 92,069,720,944 |

Same for [Boeing](#): Major Holders,

Currency in USD

Breakdown

- 0.09%** % of Shares Held by All Insider
- 65.55%** % of Shares Held by Institutions
- 65.61%** % of [Float](#) Held by Institutions
- 2,835** Number of Institutions Holding Shares

Top Institutional Holders

| Holder | Shares | Date Reported | % Out | Value |
|--------------------|------------|---------------|-------|---------------|
| Vanguard Group Inc | 48,501,954 | Dec 30, 2023 | 7.95% | 9,360,392,368 |



| Holder | Shares | Date Reported | % Out | Value |
|----------------------------|------------|---------------|-------|---------------|
| Blackrock Inc. | 36,652,729 | Dec 30, 2023 | 6.01% | 7,073,610,371 |
| Newport Trust Company, LLC | 32,395,589 | Dec 30, 2023 | 5.31% | 6,252,024,899 |
| State Street Corporation | 26,603,062 | Dec 30, 2023 | 4.36% | 5,134,125,081 |

Vanguard, BlackRock, State Street Corporation, and Berkshire Hathaway, Inc are indeed significant players in global investment, managing vast assets that give them substantial influence in the companies they invest in. For instance, **BlackRock manages nearly US\$10 trillion, Vanguard has US\$8 trillion, and State Street has US\$4 trillion.** Together, they hold a considerable percentage of shares in many large companies, which can translate to significant voting power in corporate decisions.

Even Corporations in other countries, such as [Tencent](#), [Alibaba](#)... Vanguard and BlackRock are the two main holders, not Chinese Government. Although their primary goal is to manage investments and maximize returns for their clients, Vanguard and BlackRock have substantial economic influence on the government they invest in.

Any development in the world, these two main companies are direct investors.

Attracting investors from major financial institutions like **Vanguard, BlackRock, and State Street Corporation** can significantly impact our organization's growth. Here are some strategic steps to create a working group focused on attracting these influential investors:

1. Research and Understand Their Investment Strategies:

- Dive deep into the investment philosophies and strategies of Vanguard, BlackRock, and State Street. Understand their preferences, risk appetite, and sectors they actively invest in. Notably, consider areas such as Green Finance, implementation of UN Sustainable Development Goals (UNSDGs), genuine Space programs, and efforts to prevent mass extinction. Refer to Green Finance Summit: City of London [2017](#), [2019](#), [Sustainable Finance, fund, TED, Tokyo-London Green Finance Seminar 2022](#), ...
- Identify alignment points between our organization's goals and their investment criteria.

2. Build a Compelling Investment Proposition:

- Craft a compelling narrative that highlights your company's unique value proposition, growth potential, and alignment with global trends.
- Showcase how your business can contribute to their portfolio diversification and long-term returns.

3. Leverage Existing Networks:

- Tap into your professional networks, industry associations, and mutual contacts who have connections with these investment giants.
- Seek introductions or referrals to key decision-makers within these organizations.

4. Create an Engaging Digital Presence:

- Develop a professional company website and LinkedIn profile.
- Share thought leadership content, success stories, and updates related to your business.
- Engage with relevant posts and discussions on platforms like LinkedIn.

5. Attend Industry Conferences and Webinars:

- Participate in virtual conferences, webinars, and industry events where representatives from Vanguard, BlackRock, and State Street might be present.
- Use these opportunities to network, learn, and showcase your business.

6. Personalized Outreach:



- Send personalized emails or LinkedIn messages to key individuals within these investment firms.
- Highlight your company's achievements, growth trajectory, and investment needs.
- 7. **Collaborate with Financial Advisors and Consultants:**
 - Work with financial advisors who have relationships with these institutions.
 - Seek their guidance on tailoring your pitch and connecting with the right decision-makers.
- 8. **Highlight ESG (Environmental, Social, and Governance) Factors:**
 - Vanguard, BlackRock, and State Street increasingly consider ESG factors in their investment decisions.
 - Showcase your commitment to sustainability, ethical practices, and responsible governance.
- 9. **Prepare a Comprehensive Investor Presentation:**
 - Create a detailed investor deck that covers your business model, financials, growth projections, and competitive advantages.
 - Address potential risks and mitigation strategies.
- 10. **Engage in Direct Conversations:**
 - Request virtual meetings or phone calls with representatives from these firms.
 - Be prepared to discuss your business, answer questions, and demonstrate your vision.

Remember, persistence and a well-prepared approach are key. Building relationships with these major players takes time, but the potential benefits are substantial. China took 30-40 years. Let's create a working group to attract these influential investors, and [we have less than 10 years!](#)

I. Resource curse

How is it that some countries discover huge oil reserves like Venezuela or natural resources like Laos on their soil and end up worse off because of it?

The answer lies on something called the **resource curse**. Take for example, the Democratic Republic of Congo, for half of the world cobalt, a necessary element for electric vehicles now comes from. Despite Congo's GDP growing by 700% in the last 10 years, the poverty rate hasn't reduced meaningfully at all in the last decade. So how does a country avoid this paradox of plenty?

Since most resource-cursed countries don't rely on tax revenue from their own citizens, governments are much less likely to be held accountable.

The same for the case of ASEAN Mainland with plenty of natural resources and freshwater that are mainly used for hydropower plants to export cheap electricity.

The “**resource curse**” where countries with abundant natural resources often experience less economic growth and development compared to those with fewer resources. This paradox can lead to increased poverty and political instability, despite the potential wealth from natural resources.

To counteract the resource curse, it's essential for countries to implement strategies that promote economic diversification and ensure that the wealth generated from natural resources benefits the country broader population. This can involve creating policies that encourage foreign investment in various sectors into the country to transform resources into high-value goods which can lead to job creation, the development of supply chains,



and technology transfer, increase tax-revenues, not just resource extraction and export, limiting job creation and relying on imported end-products.

One such example is Botswana which went from being solely reliant on its diamond industry to the safest country in Africa by 2022. It's now rated a safer country than the United Kingdom, its former colonizer.

China's remarkable economic transformation over the last 30 years serves as an instructive example. [Since opening up its economy in the late 1970s, China has experienced rapid industrialization and urbanization, moving from a predominantly agrarian society to a global manufacturing powerhouse.](#) This growth was fueled by a combination of factors, including significant foreign investment including "[Housing one billion people](#)" and the Belt and Road Initiative (BRI), a focus on extracting their own resources and importing from other countries, processing them, manufacturing and exporting value-added goods, and the development of a robust internal market. [As a result, China has lifted hundreds of millions of people out of poverty and has seen substantial improvements in health, education, and living standards.](#)

In contrast to the resource-dependent development seen in some countries with [leaders lack of Vision](#), China's approach has been to diversify its economy and invest in human capital and infrastructure. [By focusing on creating a more balanced economy, China has managed to avoid the pitfalls of the resource curse and has sustained high levels of economic growth but without avoiding many mistakes.](#)

To replicate China's success with the correction of its mistakes, the key to ASEAN Mainland' development lies in leveraging its natural resources to build a diversified from China economy and correct China mistakes. This economy would be capable of withstanding the volatility of commodity prices and creating sustainable and continuous growth. By adopting a **Carbon-Negative** approach, **eliminating Global Risks**, and pursuing **space-grade industrialization**, ASEAN Mainland can exploit infinite resources and advance towards a **Type I Civilization**. Therefore, instead of competing with China, we are supporting its growth as part of ASEAN Mainland' development supply chain. This requires strong governance, transparency, and policies that encourage investment in a variety of these sectors.

[Botswana's](#) transition from reliance on diamonds to becoming one of the safest countries in Africa by 2022 is another example of successfully navigating the resource curse, demonstrating that with the right policies, countries can harness their natural wealth to achieve broad-based development and stability.

[Merging Singapore, China, and Dubai models for ASEAN development with errors correction and improvement](#)

Do you know why Dubai is so rich? It's not just because of oil. Oil is just 1% of Dubai's GDP. So to kick start ASEAN economic growth, the block must focus on the following steps.



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1. incentivize the rich to visit the city, which you do by creating a tax haven. Leverage ASEAN's central location amidst Asia, Africa, America, Oceania, and Europe alongside ASEAN maritime access to incentivize exporters with tax breaks and cutting logistics expenses.
2. Make visa processes as easy as possible to attract cheap labour from all neighbouring countries which would help build ASEAN infrastructure for growth of business.
3. Build tourist attractions with natural disasters prevention, and space grade industries with the initial capital and more to retain rich individuals and corporates and financial institutions and give them reasons of new lifestyle and business model and not just tax saving to actually move their base to ASEAN.
4. Once you've started concentrating millionaires and billionaires in a place, double down on luxuries and build an entire market around luxury retail, luxury housing and experiences.

Once this foundation is established, offer them the option of obtaining a golden visa. This will allow them to relocate and start a new life in ASEAN with their families. ASEAN aims to become the city where the global elite can move to save on taxes, indulge in luxuries, and find refuge from political and climate instability, and Cataclysm resilience. By developing ASEAN as “**Humanity’s Last Hope**” [Word](#), PDF: bit.ly/HumanLastHope, we provide solutions for global food, energy, and water security, promote clean transportation, prepare for and mitigate natural disasters, support the United Nations’ Sustainable Development Goals ([UNSDG](#)), and foster logical space programs designed to explore the multiverse satisfying investors return of investment.

Let’s continue working together to address these critical challenges and ensure a sustainable future for our children and their planet. 🌍

Yours Sincerely,

: Phouthone-Thone: Siharath.
: Copy-right/copy-claim.

Power of Attorney

: Phouthone-Thone: Siharath
: Copy-right/Copy-claim.
: World-passport No.: 359214
ps@totrade.co
[WhatsApp](#), [LinkedIn](#), [MS Teams](#)
CV: totrade.co/ps

Explore the updated “**Humanity’s Last Hope**” initiative. This comprehensive resource offers a well-articulated vision, complete with strategic leadership insights and a robust action plan:

bit.ly/HumanLastHope

Web: totrade.co, PDF for Presentation: <https://bit.ly/ASEANisSolution2>

PowerPoint: <https://bit.ly/ASEANisSolution3>,

Our activities: <https://bit.ly/Solution-com>. Please [press like and engage](#). Online Apps: totrade.co/apps

Guest user: guest@totrade.co, **Password:** bit.ly/ASEANisSolution

For members, use assigned account and password and begin with following [instructions](#).

To join our team, [fill the application form](#).



J. Meaning

Enhanced Multilateralism refers to an approach that seeks to strengthen and improve the effectiveness of international cooperation and collaboration among multiple countries and organizations. Here are some key points about enhanced multilateralism:

1. **Collaboration:** Enhanced multilateralism emphasizes working together on global challenges. It recognizes that many issues, such as climate change, pandemics, and economic stability, require collective efforts beyond national borders.
2. **Reform and Adaptation:** It involves reforming existing international institutions (such as the United Nations, World Trade Organization, and World Health Organization) to better address contemporary issues. This may include updating their structures, decision-making processes, and mandates.
3. **Inclusivity:** Enhanced multilateralism aims to include a broader range of stakeholders, including civil society, non-governmental organizations, and the private sector. It recognizes that solutions to global problems require input from diverse perspectives.
4. **Balancing National Interests and Global Goals:** While respecting national sovereignty, enhanced multilateralism seeks to find common ground and balance between national interests and the greater global good.
5. **Adaptive Diplomacy:** Diplomacy plays a crucial role in enhanced multilateralism. It involves active engagement, negotiation, and compromise to achieve shared objectives.

In summary, enhanced multilateralism promotes a more effective and inclusive approach to addressing global challenges such as “**Humanity’s Last Hope**” by fostering cooperation, reform, and adaptability among nations and international organizations.