

EARTH

it's our one
and only home

we have an
obligation to
care for it

ecoplexTM
InterNational Environmental Complex

ecoplex.US



ecological and climate change

It is the greatest challenge humankind will ever face. Somehow, we must turn the tide of the ongoing damage caused by a century old industrial revolution and poor management of our natural resources.



A Planet in Peril...

- *The Amazon produces 20% of world's oxygen. More than 150 acres of this critical rainforest is lost every minute – 78 million acres lost every year! More than 20 percent of the Amazon rainforest is already gone.*
- *Since the beginning of the industrial revolution, Earth's atmosphere has warmed about 1.8° F. Globally, even though we should be undergoing a gradual long-term cooling trend. The oceans have absorbed over 90% of this excess warmth causing them to rise by about 15 centimeters (6 inches) over the past 100 years. When ocean temperatures rise to a certain level, they will stop absorbing excess heat. What happens next?*
- *Thawing of the oceans polar regions will expose permafrost transforming it from a carbon sink to a carbon contributor, releasing heavy metals and exponential amounts of methane, which is 54X more potent than CO2.*
- *Global population growth will put a continual strain on our dwindling natural resources, leading to a multiplier effect making curbing these challenges impossible for future generations.*
- *While we like to think that halting the use of fossil fuels will reverse climate change, soil degradation from poor farming practices and desertification contributes to twelve times the amount of carbon put into the atmosphere than from the burning of fossil fuels.*

Globally, we are undergoing the 6th mass species extinction, in a relatively short period of time. We need to take dynamic action so that we can heal, save, and restore the only home we will ever have – Earth.

A group of thought leaders have begun designing a complex where humankind can systematically, collaboratively, and thoughtfully tackle these challenges. This facility, the EcoPlex, will be home to a community of leaders made up of scientists, researchers, established businesses, and entrepreneurs. Together they will provide an anchor to the global sustainability community, raising new standards for solving these life-threatening planetary problems.

The facility will have world-class research labs, collaborative workspaces where science and industry can meet and develop ecologically safe products, where industrialists and environmental activists can work side-by-side, classrooms and meeting spaces where global leaders can meet, and a museum where visitors can visit and learn first-hand about the fragile planet they live on – but also, the exciting efforts undergoing to save our “home.”

The EcoPlex team will embrace a collaborative and holistic approach that prepares the next generation of thought leaders; develops strategies to sustain our natural resources; creates disaster-medicine plans to mitigate the threat from super-germs and vector borne diseases; develops interest in bio/enviro-sciences; and promotes innovative and accessible technologies designed to help turn the tide on the impending climate disaster.

The EcoPlex will be a “hive” where all parts of the community – industry, energy interests, and nongovernmental organizations can come together to develop sensible, win/win solutions.



Corporate America has already taken notice of the profit potential of a sustainability-based economy. It sees the opportunities impacting businesses, employment, tax revenues, social and city services, foodstuffs, special events, and healthcare. Over 150 companies including Adobe, Burberry, Colgate Palmolive, HP, Intuit, JLL, Mars, Novartis, Salesforce, and Unilever have made massive investments in sustainability focused products and services.

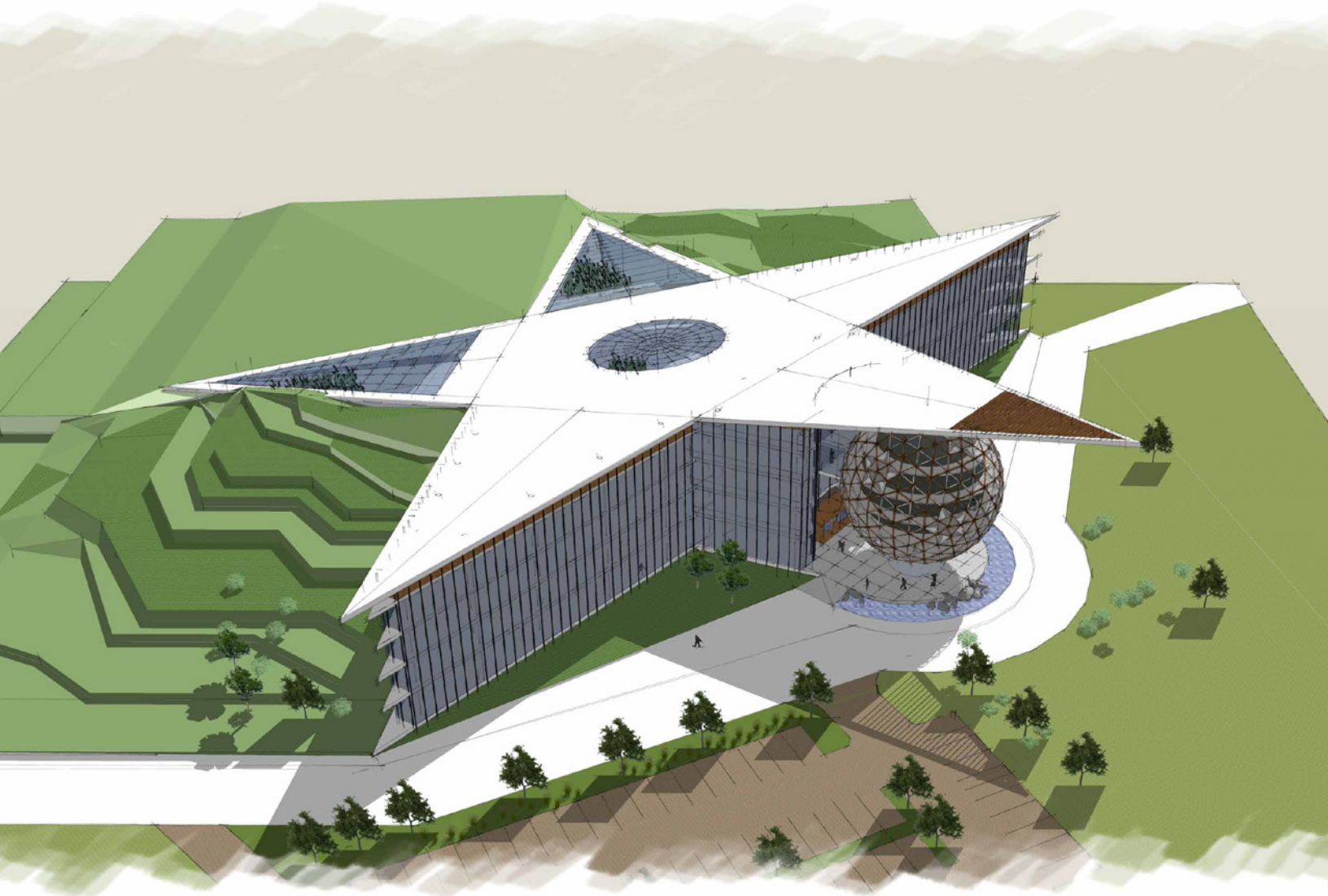
EcoPlex will capture this new excitement for transforming our economy, while creating plans and strategies that will help cure our planet. EcoPlex will enjoy all the benefits of being located in one of the most dynamic – and fastest growing – regions in North America. The entire complex will be designed and built so that it can easily connect in real time with the global sustainable community.

The futuristic building designs within the EcoPlex will become a landmark for the region and a showplace for the world. But the building's looks are not its most important feature. EcoPlex will accelerate the transformation of building techniques by bringing 2050 construction technology to bare today. The complex will use revolutionary building systems and techniques, generating and storing all of its own power requirements, recycling its own wastes, and sourcing and managing its own water supplies. By incorporating innovations into its grounds, construction, and exhibits, the EcoPlex will be a living laboratory, where visitors will be able to view commercially practical, green technology in action.

Trillions of Reasons Why...

- *In this decade, The Paris Agreement will unlock at least \$13.5 trillion of economic activity in the energy sector alone.*
- *The EcoPlex with its associated public benefit corporation should eventually be self-funding. Imagine: no philanthropic welfare. Independently promoting what is good for people, planet, profit, and peace.*
- *Further, the Business & Sustainable Development Commission launched its Better Business, Better World report, which identifies conservatively \$12 trillion a year (by 2030) of market opportunities linked to implementing the United Nations Sustainable Development Goals.*
- *Additionally, the Brookings Institute estimates \$31 Trillion in sustainability spending by just governments – not including the private sector.*
- *If recent global economic trends continue under the business-as-usual scenario, SDG-related public spending will likely reach \$67 trillion or more by 2030!*





Five Pillars of the EcoPlex™

1. EcoAccelerator: *Center for Innovation and Applied Solutions™*

Identify, evaluate, invest, and showcase innovations with commercial applicability. Attract industry and entrepreneurs to co-locate with those sharing the goals of transforming our industry and environment. EcoPlex will also invest in innovations, showcase, and help market them for people, planet, and profit.

2. EcoCollaborator: *Earth EpiCenter™*

Create an office complex where industry, environmental organizations, and scientists can physically work together and collaborate, sharing information, achieving practical solutions, and creating opportunities for win/win outcomes.

The EcoPlex will accelerate and usher in a powerful, sustainable future by taking leaps in technology and showcase how innovation will be thoroughly incorporated into tomorrow's society

3. EcoSandbox: *National Environmental Museum™*

Build the nation's first-ever museum dedicated exclusively to the environment, providing experiential learning – seeing, feeling, hearing, and touching. Exhibits to help visitors become aware of our environmental challenges and, more importantly, showcase and promote the technology and solutions that can transform how to live, work, and play in a sustainable and competitive techworld.

4. EcoSecurator: *Center for Global Resilience™*

Focus on two main missions: First, end the ongoing 6th Mass Species Extinction. Second, make our society and industry more resilient to man-made and environmental threats, such as, a Carrington Event, extreme weather, vectorborne diseases, oceanic acidification, Adams Event, food shortages, super germs, pollinator declines, cyber war, and an electro-magnetic pulse.

5. EcoSustainer: *EcoLeaders Institute™*

Advance and cultivate promising young talent into leadership positions within the Advisory Council and Board of Directors.



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