

CONTENTS

- 3 ATTRACTION OVERVIEW
- A HAVEN-CORE BACK HISTORY
- O YOUR JOURNEY BEGINS
- THE BRIDGE
 - THE ENRTH CORE FACILITY
 - THE GEAR
 - JOURNEY TO THE SANCTUM
 - 16 HAVEN-CORE SANCTUM
- 22 ECHO LOCATION
- 24 CAMOUFLAGE
- 26 ANIMAL ENCOUNTER
- 26 ATTRACTION LAYOUT

ATTRACTION OVERVIEW

Imagine stepping into Haven-Core Sanctum, an immersive adventure that transports you from the heart of our planet to hidden sanctuaries where extinct species still thrive. Inspired by my encounter with Lonesome George in the Galápagos, this experience seeks to evoke a deep connection between visitors and the natural world by letting them meet face to face with species of animals believed to be extinct. As you journey through these secret havens, you'll witness the delicate balance of life where humans and animals coexist in harmony, just as they do in real-life sanctuaries like the Galápagos.

While this is an artificial experience, it is designed to ignite a passion for conservation. Guests will be encouraged to embark on their own real-world adventures to animal sanctuaries around the globe, fostering an appreciation for the fragile beauty of our planet and inspiring action to preserve what remains. Haven-Core Sanctum is more than just an attraction; it's a call to protect the wonders of our world, to honor what we've lost, and make an effort to save what we still have

HAVEN-CORE BACK STORY:

Haven-Core Industries was founded by Dr. Ego Loneger, an adventurous scientist who spent his life traveling the world to preserve endangered species. The inspiration for the Haven-Core Sanctum Initiative came during a journey to the Galápagos Islands in Ecuador in the 1980s. It was there that Dr. Loneger encountered the last known giant tortoise of its kind, affectionately called Lonesome George by the locals. Deeply moved by their efforts to save George's species, which relied on the natural sanctuary provided by the Galápagos, Dr. Loneger formed a profound connection with both the islands and the beacon of hope that George represented.

Unfortunatelly, Lonesome George passed away in 2012, marking the extinction of his species. When Dr. Loneger returned to the Galápagos, he found George's embalmed remains at the Charles Darwin Research Station. As he stood before the preserved tortoise, memories flooded back—memories of how George had inspired a community to fight tirelessly for the survival of a species. This moment rekindled Dr. Loneger's determination and led to the creation of the Haven-Core Sanctums. inspired in the Galápagos Islands, are designed to protect endangered species thought to be extinct, giving them a chance to thrive in a secure environment.

Knowing he couldn't accomplish this mission alone, Dr. Loneger established his headquarters at the center of the Earth, near its core, with access points scattered across the globe. This strategic placement allows individuals from all walks of life to join the cause, embarking on a journey to these secret sanctuaries, accessible exclusively via a network of underground tunnels originating from the Earth's core facility. Through Haven-Core, Dr. Loneger hopes to ignite the same sense of hope and urgency in others that he felt when he first encountered Lonesome George, driving them to take action in the fight to preserve our planet's most vulnerable species.



Concept portrait of Dr. Ego Loneger's journey to the Glapagos.



Concept portrait of Dr. Ego Loneger



Real photo of Lonesome George in the Charles Darwin Research Station, Galapagos. Taken by Josué Thur de Koos, 2024

YOUR JOURNEY BEGINS:

Haven-Core Sanctum access points are strategically placed in cities around the globe. When you locate the one nearest to you, you'll enter a lobby where architecture seamlessly blends with nature. Here, Haven-Core staff will guide you through creating your Core ID via the Haven-Core website or app. This Core ID will serve as your passport for all your future journeys with Haven-Core. For returning guests, self-service check-in kiosks are available in the lobby to expedite the process.



Once your Core ID is set up with all your information, you can book a seat for a journey to one of three Haven-Core Sanctums. Each sanctum is located in a different part of the world, offering unique biomes, climate conditions... and challenges. After booking your experience, you'll need to arrive at the lobby 30 minutes before departure. From there, you'll gain access to the rest of the facility, where you'll be fully prepared for the adventure that awaits.

HAVEN-CORE APP:

Your Core ID functions as your passport and is linked to the Haven-Core app, where you can track your progress and book seats for Sanctum journeys. In addition to storing your personal information, the app logs your statistics and data from each journey to a Haven-Core Sanctum. Based on your performance, you'll earn Haven-Core points, which can be redeemed for merchandise, access to other Haven-Core experiences, or even a free journey to a Sanctum you haven't yet visited. You can also earn points by recycling at Haven-Core facilities, documenting animal sightings at Haven-Core conservation stations in your journal, or by exercising.

Your app will feature daily tasks, each focused on simple actions we can all take to make our planet a better place. By completing these tasks, you'll earn more Haven-Core points, unlocking new experiences and benefits within the Haven-Core network of adventures.



Concept image for the App interface.

ACCESS GRANTED - THE BRIDGE:

Once you've checked in, you'll gain access to The Bridge, a literal walkway connecting the lobby to the elevator that will transport you to the Haven-Core main facility at the center of the Earth. Surrounding The Bridge is a biome that reflects the specific region where the Haven-Core access point is located. Within this biome, you'll witness how the company nurtures endemic trees and plants, which are later replanted in the wild to help restore natural habitats. If you look closely, you'll notice that some of these plants are tagged with the names and Core ID numbers of Haven-Core travelers like yourself. As you advance in your mission to preserve natural life, you might even find a tree named after you.

As you wait for the elevator to arrive, you can explore the Bridge biome, observe local bird species, and learn about the endemic plants native to the region hosting the Haven-Core access point. Once the elevator arrives, you'll embark on your descent to the facility at the center of the Earth. When you descend, you'll have the unique opportunity to observe the Earth's layers through the elevator's reinforced glass walls. A Haven-Core staff member will accompany you, offering insights into the formation of our planet and explaining what you're seeing as you journey toward the Earth's core.

How would the elevator work?

Though the elevator remains on a single level, it creates the illusion of descending through the Earth's layers. This effect is achieved by screens behind the faux windows, which display a seamless transition from one geological layer to the next. To enhance the experience, the elevator capsule may incorporate subtle mechanical movements, causing it to gently shake at times, further immersing you in the journey.



THE EARTH CORE FACILITY:



When the elevator doors open, you'll step into the Earth's core facility, where a massive window offers a breathtaking, magnified view of the planet's core. Two Haven-Core scientists will welcome you and provide detailed guidelines for your journey, including safety precautions. They will also explain the equipment provided and demonstrate its use. Following this briefing, guests will be divided into two groups to equip themselves, secure their belongings, and proceed to the loading dock, where their vehicles will be ready to transport them to the Sanctum.





THE GEAR:

In the locker rooms, guests will receive a jumpsuit and a wristband. The jumpsuits are equipped with advanced technology to shield you from fluctuating weather conditions during your journey and within the Sanctum, while also safeguarding the Sanctum from any damage that regular clothing might cause. The wristband syncs with your app to monitor your stats and performance, such as heart rate and steps, and keeps track of the points you earn. It also includes a button for interacting with Haven-Core technology inside the Sanctum.



Concept image for the wristband.



Concept art of the jumpsuit, type 1.



Concept art of the jumpsuit, type 1.

THE RIDE VEHICLE:

- After gearing up, you'll be guided to the loading docks, where you'll board the Core-Drifter—a state-of-the-art vehicle designed for underground travel from the Earth's core to the secret locations of the Sanctums and back. To enhance your experience, Haven-Core provides a special set of glasses that will protect your eyes during the high-speed journey and offer insights into the underground wonders you'll encounter along the way. Be prepared for a thrilling ride, as the journey won't be smooth. Due to the instability of tectonic layers, the Core-Drifter is equipped with a zero-gravity core, allowing it to move and rotate 360 degrees through the tunnels, ensuring a unique and exhilarating adventure.

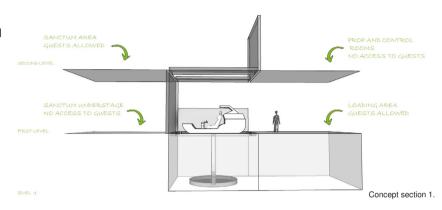
- The safety glasses provided by Haven-Core are actually a VR headset, themed to match the company's design, designed to fully immerse guests in a thrilling experience. This VR journey simulates traveling from the Earth's core to a Sanctum hidden in a secret location anywhere in the world.

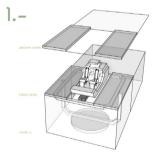




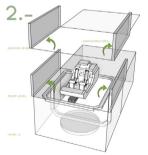
EXPERIENCE 1-

The loading dock, where guests board the vehicle, is situated one level below the Sanctum experience. Guests will board in front of a themed metallic door, and once the VR headset is activated, it will show this door opening, marking the start of the journey through the tunnels. Each Sanctum offers a distinct VR experience, with different underground biomes like glowing caves, lava tunnels, or frozen caverns, making every journey unique.

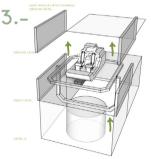




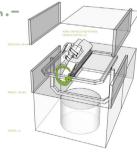
 Guests board the vehicle from enclosed platforms on the floor, located a level below the Sanctum experience. These platforms conceal the mechanics that enable the vehicle to move.



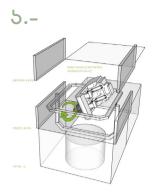
- When the VR is activated, the doors on the floor open, allowing the vehicle to move.



- The vehicle ascends, transporting guests to the upper level where the Sanctum experience awaits.

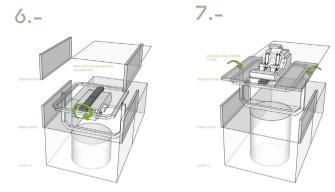


- To match the VR experience, the vehicle can rotate horizontally, deepening guests' immersion.



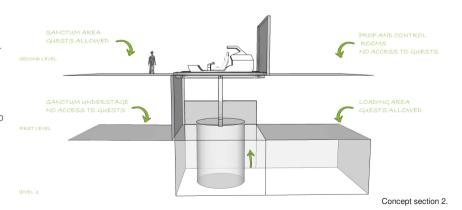
- This rotation can shift suddenly from one direction to the other.

- As the VR journey comes to an end, guests find themselves elevated to the upper level, where they lift their headsets to reveal a breathtaking biome stretching out before them. Their descent begins, not on a simple platform, but into the heart of the Haven-Core Sanctum—a vast, open space meticulously designed to echo the narrative of their adventure. This seamless blend of virtual reality and physical space elevates the experience, turning a routine elevator transition into an unforgettable part of the story.



The ride vehicle is capable of full 360-degree rotation.

At the end of the VR experience, the ride vehicle stops on the second level, where the floor platforms close, allowing guests to safely disembark.







EXPERIENCE 2 -

The Haven'Core Sanctum is a hidden sanctuary where a species once thought to be extinct is carefully nurtured, ensuring its survival and revival. This intricately themed environment merges cutting-edge technology with meticulously crafted physical sets, creating a fully immersive biome that transports guests to a vibrant, life-filled haven surrounded by nature. Depending on the experience guests choose, the Sanctum can transform into one of three distinct biomes: an icy tundra, a sun-baked savannah, or a lush forest. While the core tasks remain consistent across each biome, the shifting landscapes offer a fresh and unique experience every time, introducing new challenges and innovative ways to engage with the environment. The activities that guests will undertake are the following:



ECHOLOCATION



CAMOUFLAGE

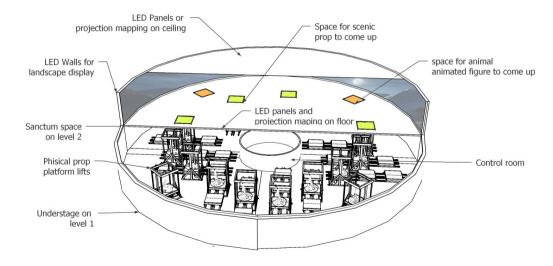


ANIMAL ENCOUNTER

HOW THE 2VNCTUM MOSK?:

The space seamlessly integrates LED screens on the floor, ceiling, and walls with projection mapping and adaptable scenic props, allowing for a dynamic transformation between three immersive biomes.

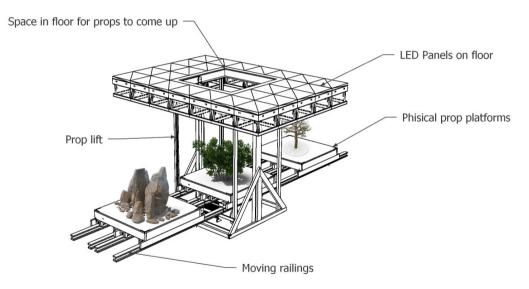
The Sanctum features a two-level design. The lower level houses large scenic props that can shift according to the biome, thanks to trap doors in the upper foor and a system of rails and lifts in the level below, that enable seamless transitions of scenic elements above.



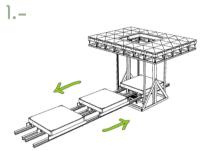
Haven-Core Sanctum space composition graphic

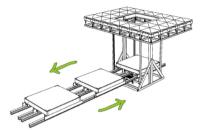
HOW THE 2VNCTUM MOSK?:

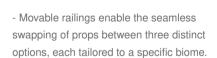
Detail of how scenic transition works:

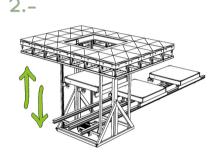


The lift and railing system enables the seamless transformation of the space by swapping out large physical scenic props, allowing for a complete change in set design. By combining these physical elements with projections and LED screens, it's possible to create three entirely distinct biomes within a single space.

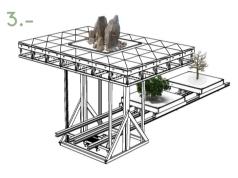






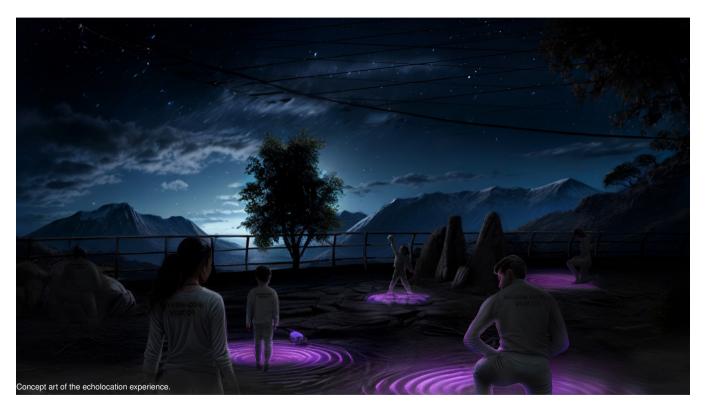


- The central lift allows scenic props to move up and down, seamlessly transitioning them for display on the Sanctum level.



- The scenic prop remains elevated throughout the duration of the show, enhancing the immersive experience by integrating with the surrounding screens and projections.

TASK 1 - ECHOLOCATION



Guests arrive at the Sanctum under the cover of night, amplifying the sensation of having journeyed across the globe, especially if they began their adventure in the daylight at the Haven-Core access point. Upon entering the Sanctum, a concerned Haven'Core scientist approaches your group with urgent news: hunters have infiltrated the area surrounding the Sanctum and stolen dodo bird eggs. Discovered too late, the hunters hid the eggs near your entry point. Now, it's up to you to recover the missing eggs scattered throughout the area using the echolocation tool built into your Haven'Core wristband.

By pressing a button on your wristband, you'll emit a sound wave inaudible to humans, but don't worry—you'll see the sound as purple waves rippling through the environment. When these waves collide with an egg, it will glow with increasing intensity as you approach it. Once you find an egg, deliver it to the Haven-Core scientist before sunrise, when the hunters are likely to return. The speed with which your party locates the eggs, along with the number of eggs each person recovers, will determine the points uploaded to your Core-ID, rewarding your performance.



Concept image for the wristband.

The task would be made possible by equipping the wristband with location-tracking capabilities within the area. This would enable it to interact with reactive screens on the floors and walls, as well as certain scenic elements, to visually display the sound waves and their collisions with objects. The eggs themselves could be fitted with proximity sensors that detect the wristband's signal when nearby, triggering them to react with light or sound, guiding guests closer to their hidden locations.

TASK 2 - CAMOUFLAGE



UV COLOR CHANGING FABRIC Concept art of suits changing color.

After successfully recovering all the dodo bird eggs, the first light of dawn breaks, and you hear the distant sounds of hunters approaching. A Haven-Core scientist urgently informs you that it's crucial to prevent the hunters from reaching the Sanctum. Acting swiftly, the scientist bathes your jumpsuit in UV light, activating its camouflage capabilities. The UV-reactive fabric shimmers and shifts, adapting to match the surrounding biome perfectly. Now, blending seamlessly into the environment, you are ready to observe the hunters' movements. Their footsteps will appear as glowing yellow prints on the ground, revealing their routes. Using this information, you and your team can strategically set traps along their paths, rendering the hunters unconscious. This will allow Haven-Core personnel to safely relocate them, ensuring the Sanctum's location remains a secret.

Personal note: Color-changing fabric has been used in dolls and toys for years, but it would be amazing to apply that concept to a full-sized suit.





UNDAN





Concept art of the different pattern variations.

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TASK 3 - ANIMAL ENCOUNTER

With the hunters neutralized, you're granted access to the heart of the Haven-Core Sanctum. Inside, you'll have the rare opportunity to come face-to-face with an animal once thought to be extinct, uniquely adapted to the biome you're exploring. As you take in the sight of this incredible creature and its sanctuary, Haven-Core scientists will explain the reasons behind its extinction elsewhere on the planet. They will also provide information on similar endangered species currently at risk. You'll be able to gather data and take pictures for your journal entries, earning you points in your app.

After your encounter, you'll be guided back to your vehicle for the journey home. During the ride, you'll watch video footage showcasing other real-world sanctuaries on Earth, such as the Galápagos Islands and Serengeti National Park, which can be visited "conventionally." Haven-Core encourages you to explore these destinations or return to its sanctums to learn more about our amazing planet and the diverse wildlife that has been lost. By appreciating these incredible species, we can be inspired to protect those that still share our world today.

For the animal encounter, guests will come face-to-face with lifelike robotic figures representing extinct species. These animatronic creatures will change based on the biome you're exploring. For example, some of the featured species might include the Great Auk in the tundra biome, the Giant Wombat (Diprotodon) in the savannah, and the Tasmanian Tiger (Thylacine) in the forest. These selections reflect similarities to animals that still exist today, but any extinct species from any era could be showcased.

At the end of the experience, the scientists will highlight the importance of protecting endangered species now, so that we won't need to create a Haven-Core Sanctum for panda bears, tigers, or other threatened animals in the future.

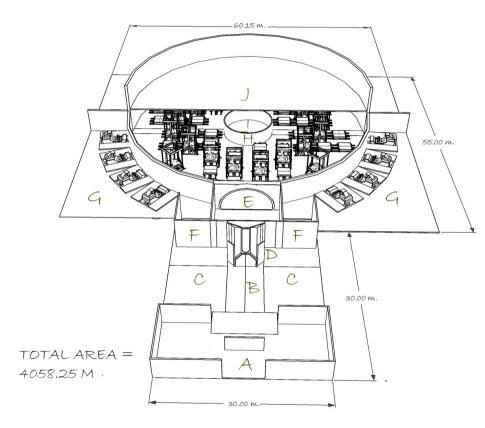


Reference image of the Tasmanian Tiger animated figure.



Reference image of the Giant Wombat animated figure.

ATTRACTION LAYOUT



A: Entrance/ Exit Lobby

B: The bridge

C: Specific region biome.

D: Elevator to the Earth's Core

E: Earth Core facility pre-show

F: Locker rooms and gear room

G: Vehicle VR ride.

H: Sanctum Understage

I: Control room

J: Sanctum space. Show/experience space.

Hi everyone, thank you for your attention. My name is Josué Thur de Koos, an architect with an MSAS with a concentration in Themed Environments

Integration, from Quito, Ecuador. This concept is deeply personal to me, as it reflects my own transformative experience in the Galápagos Islands—a journey that profoundly inspired me, and one that I hope will inspire others.

In 2011, I traveled to the Galápagos with my family and was captivated not only by the stunning natural beauty but also by the extraordinary harmony between humans and wildlife. Animals and people coexisted with mutual respect and without fear, creating a unique environment of trust and balance. During that trip, I had the incredible privilege of meeting Lonesome George, the last of his kind. Witnessing the immense effort locals and people from around the world put into trying to save his species left an

indelible mark on me.

creatures with whom we share our world.

away and that his species couldn't be saved. Yet, I still saw him as a beacon of hope, a symbol of the tireless efforts to protect our planet's wildlife.

Through this attraction, I aim to share that sense of awe and responsibility with our guests, inspiring them to cherish and safeguard the remarkable

I revisited the Galápagos in 2024, fully aware that George had passed

