

Technology

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The logo features a stylized mountain range silhouette in black. The text "Sustain Tech" is written in a bold, italicized, white sans-serif font across the middle of the mountain range. Below the mountain range is a black, curved shape that resembles a path or a shadow.

Sustain Tech



Founded in 2024 Sustain Tech has been a working new way to mine cobalt so that we can reduce the 50% of congonesse who die from the dangers of cobalt. Some people are forced into this job because of the dire need for money. Our company has found a new way to extract cobalt without human contact. S.T company took a congonesse native flower named “Heliconia rostrata” that can be found deep in the forests we took this plant and made it power our Sustain tech mining machines. The machine gathers steam from the air applies it onto the plant the plant then lets off a sweat or liquid that seeps into the reactor allowing it to function. This plant can be collected and sold on the market in the congo so that we can buy from the congolese people to retrieve or wanted cobalt without involving humans.

Our business plan

Technology can be harnessed to minimize the negative impact on the Congolese population. By ensuring that our technological advancements are environmentally friendly, we can mitigate harm to the ecosystem. Implementing climate-friendly technology would involve regulating the extraction of cobalt, allowing only a specified amount to be extracted every two years while maintaining closure on the remaining resources. This approach would enable two-year intervals of non-extraction and disturbance to the environment, promoting sustainability and preservation of the ecosystem.

Consumer goods

The tech industry encompasses a vast array of products, ranging from smartphones and automobiles to gaming consoles and beauty and hygiene items. With its diverse offerings, the sector plays a pivotal role in shaping modern lifestyles and meeting various consumer needs. From communication devices to entertainment platforms and personal care essentials, the tech industry continues to innovate and redefine the way people interact with technology in their daily lives.



Natural resources does your industry use to make the products?

The production of cobalt, essential for manufacturing iPhones and cell phones, relies on extraction from mines in Africa and other regions, often involving human exploitation, including enslavement and child labor. Additionally, the process contributes to environmental devastation, with significant adverse effects stemming from the production of just one device.

This is the *Heliconia rostrata*, the hanging lobster claw or false bird of paradise, is a herbaceous perennial plant native to Congo and naturalized in Puerto Rico. Other heliconias grow in an upright position. *Heliconia bihai* has their cup-shaped flower bracts storing water for birds and insects. This plant, however, has downward-facing flowers, the flowers thus providing a source of nectar to birds.



Storage for cobalt

Cutting laser

Screen reader

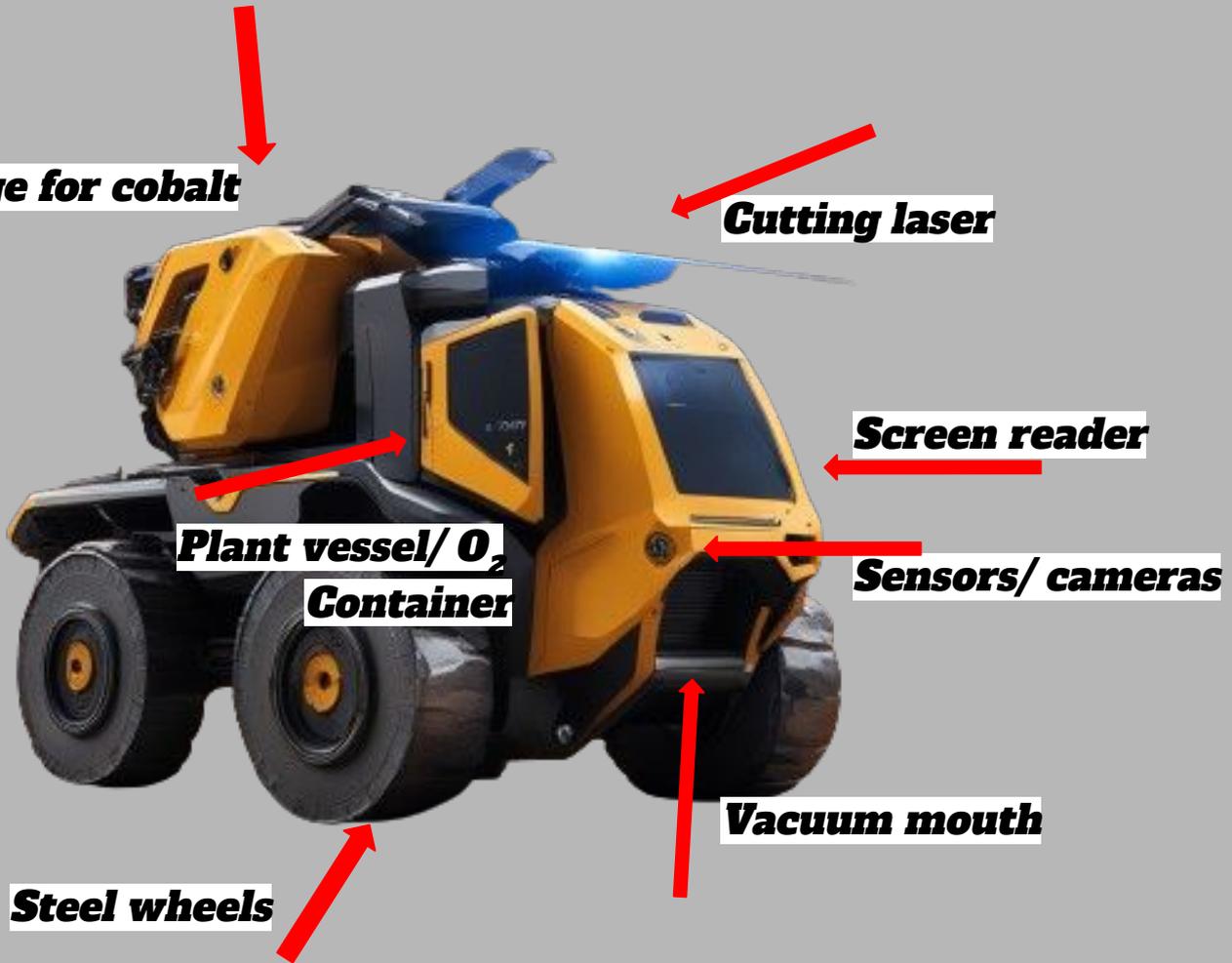
**Plant vessel/ O₂
Container**

Sensors/ cameras

Vacuum mouth

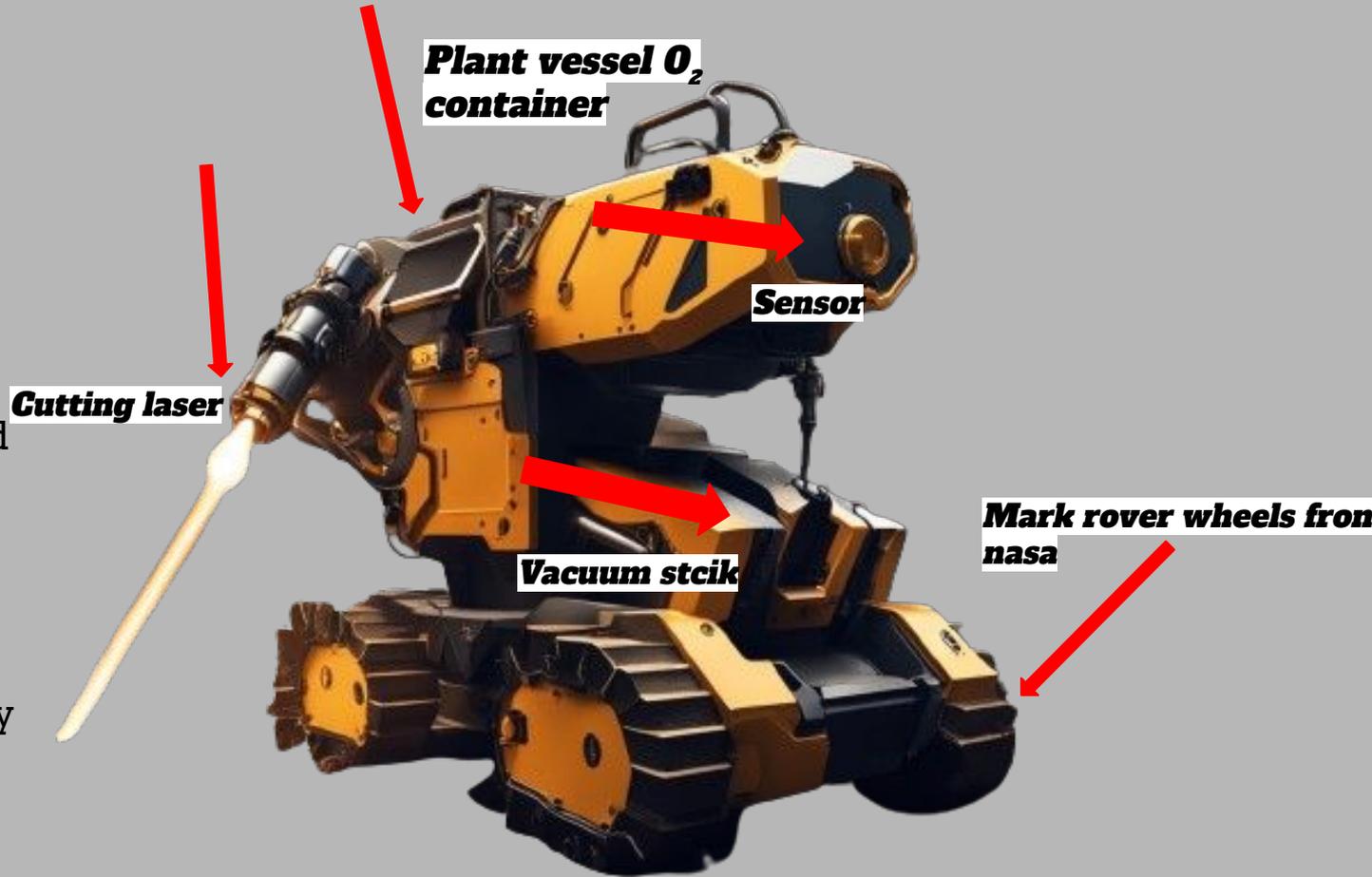
Steel wheels

This is the "Helicon" this is the first working prototype that was sent out to do the work it is equipped with a laser that will cut the hard rock and a vacuum chamber that would suck the cobalt up it has sensors and cameras to identify the needed minerals.





This is the "Helicore" this is the second prototype that was sent out after 4 months prior to Helicon to do the dirty work, it is equipped with a laser that will cut the hard rock and a vacuum chamber that sticks out to suck the cobalt up. It has sensors and detectors to identify the needed minerals.



Sustain Tech



Sustain tech working in the environment

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***Sustain tech working in the environment.
Use or work mind our matter you too can
make a difference***

