

HÉLICE

Halving the price of artificial organs and prosthetics

Lite Paper

<https://helice-prosthesis.com/>

*This LitePaper is subject to modification depending on the evolution of conditions and project requirements. Additionally, the Helice model, being **experimental** in nature, may go through several versions over time.*

The objective of Helice is to offer a unique proposition: prostheses (or artificial organs) at reduced rates of up to 50%, without any compromise on the quality of the prosthetic. This model of price reduction for prosthetics is described in the LitePaper presented here.

To name a few, bionic arm, retinal implant, heart implant prostheses or exoskeletons are very expensive. Yet, for some of these uses, this specific technology has already been on the market for more than 10 years. But time has not come for price reductions. The sector is facing a lack of dynamism, and price do not decrease, here are the main reasons explaining this situation:

- These sophisticated technologies require a very high degree of individualization.
- Several weeks and even several months are necessary to implant the prosthesis.
- This creates physical pain to patients, resulting in discouragement.
- The fragility and the evolution of the patient's condition generate heavy ongoing costs.
- Even the most sophisticated prostheses do not last for a long time, discouraging patients.
- It takes several years for new products to obtain some regulatory approval.

Due to these specific and extremely complex factors, only a "disruptive" solution can effectively address these challenges and move the sector forward from stagnation.

Helice offers its discount offer especially to recurring customers of its medical equipment, such as manufacturers, hospitals, healthcare facilities, as well as direct patients, in order to foster their loyalty. This offer is contingent upon their commitment to the long-term democratization of prosthetic technologies, for the benefit of patients.

Roadmap:

Helice plans to create a platform (in partnership with an exchange or developed internally) for trading its native token, which will be tax-exempt but subject to discretionary fees. Helice also intends to establish a lending platform, targeting patients in need of prosthetics or companies in this sector.

A) Market organization

The maximum quantity of the Hélice token is **1 unit**, divisible up to 18 decimals. The creation (minting) of additional tokens is **prohibited**. During phase 2 (see the Yellow Paper), the token can still be freely traded, but the buyback & EARN programs of Helice apply only to traders or investors who have used the platform developed by Hélice. When purchasing the Hélice token on this platform, all participants commit to :

- Grant Helice a discretionary right on daily exchanges in order to achieve gains to finance the prostheses.

Example¹ with 1H = €10.000.000 :

Figure 1

Should there be a rise (+10%)	Should there be a drop (-10%)
<ol style="list-style-type: none">1. Hélice borrows 1M€ to buy 0.1H.2. After the price has risen (11M), Hélice uses its discretionary right and sells 0.1H.	<ol style="list-style-type: none">1. Hélice borrows 0.1H and sells them.2. After the price has fallen (9M), Hélice uses its discretionary right and buyback 0.1H.
Gains : 100k€	Gains : 100k€

On the Hélice platform, the Order Book's configuration will be different from typical configurations. It will have to enable Hélice to organize its operations, for 1 to 10% of the amount of daily exchanges, in a non-speculative way, meaning without any risk of loss (more information in the Yellow Paper). Hélice does not have any privileged information and its identity is never obscured (Yellow Paper).

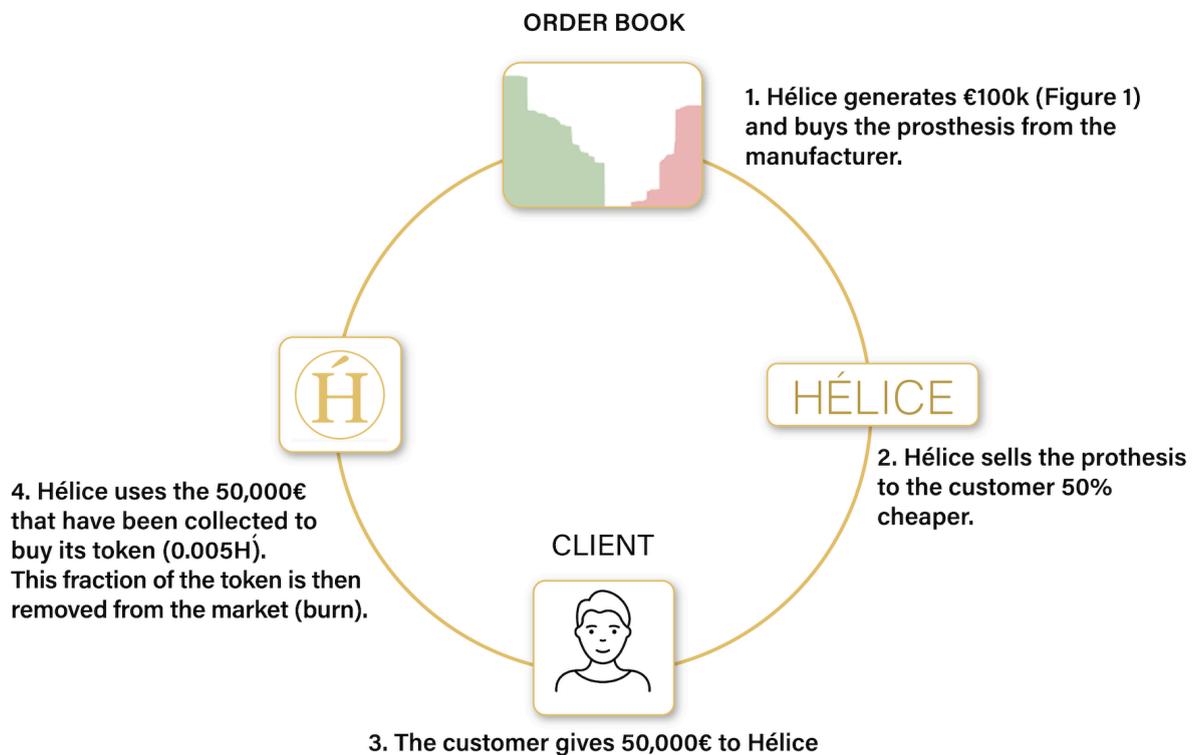
Hélice **doesn't use any earnings made as a source of revenue** but to finance prostheses.

As a counterpart to the discretionary right, Hélice shall realize a buyback and a burn of its token (part B).

¹ For the purposes of this discussion, all price differences have been deliberately distorted.

B) Halving the price of the prosthesis and buyback-burn

Example of a selling pattern for a prosthesis €100.000 worth with $1\text{H} = \text{€}10.000.000$
Figure 2



The patient pays less and with the burn the total supply of the token is reduced

Hélice buys back the fraction of the token **at the market price** and burns it **instantly**.

The Hélice platform **shall disclose to everyone** any buy back and burn operations performed, as well as the number of tokens deleted and prostheses sold.

As shown on figure 1 (page 2), Hélice **buys and sells** the same amount of tokens so as to make enough earnings to finance the prosthesis. At this point, from the viewpoint of supply and demand, the transaction is therefore neutral. Then, Hélice uses the money given by the customer (€50k in figure 2:3) **to buy back a fraction of the token (0.005H figure 2:4) and removes it from the total supply (burnt)**.

In this way, Hélice buys more tokens than what it sells, thus leading to some buying pressure on the token

Note: This economic model may be subject to variations. For example, Hélice might require the patient to pay the sum of 100,000 euros, an amount corresponding to the cost of the prosthesis. The patient's reimbursement would then be carried out in installments, after Hélice has ensured the availability of the necessary funds in its reserves.

C1) Burn & Earn

Hélice's buyback-burn process introduces an innovation aimed at boosting trading volumes on its token. This involves offering traders a refund in case of a losing trade. Indeed, at step 2.4, Hélice maintains a reserve of €50k for buyback & burn and presents a trader with an opportunity to invest €50k of their own funds to purchase 0.005H:

-If the trader's position incurs a **loss** (but is not yet liquidated), Hélice utilizes its €50,000 reserve to refund the trader and burn the 0.005H that were purchased. The effect is equivalent to a conventional buyback-burn.

-If the trader's position is **profitable** (e.g., $0.005H = €52,000$), the trader gains a profit. Hélice, which still holds the dedicated €50k buyback & burn reserve, can offer the trader another opportunity to engage in a new trade covered by €50k, thereby further increasing volumes on the token.

Eligibility for the 'Buyback and EARN' program is determined by the volume of tokens held by the holder, the acquisition date of these tokens (the earlier the acquisition, the more advantageous it is), as well as by the frequency and volume of transactions.

C2) Partner Selection & Use of the Token

Helice works with various partners who sell medical products. These can include manufacturers, distribution chains, hospitals, or healthcare facilities, etc. Helice always chooses partners who are committed to reducing the price of prosthetics and artificial organs in the long term, and who demonstrate a genuine policy of research and development in their technologies when they are manufacturers. They must not use Helice's offer to engage in dumping. The Helice token enables customers to claim price reductions, and the company to record each operation related to the sale of products, along with associated data. It can also be purchased by anyone wishing to participate in disrupting the biotechnology sector by contributing to price reduction, without expecting financial returns.

C3) Public Campaigns

To attract people to its platform, Hélice will implement targeted campaigns aimed at professional investors and the general public. These initiatives are designed to encourage them to finance Hélice's model, either through loans or by purchasing tokens, thereby contributing to the platform's dynamics.

C4) Conclusion

Hélice's promise is that its service will better serve more patients. The goal is for Hélice to become a benchmark in the field of prosthetics, and for its partners, who possess high-quality prosthetic technology and aim to reduce their prices over the long term, to gain a larger market share. Hélice will have succeeded if it manages to increase the adoption of these technologies. Its greatest ambition is to revolutionize access to prosthetics, by instituting a radical change comparable to the impact of Fordism in the automotive industry.

Héloïse Ravaz ; Translated from French.

The present Litepaper is not a prospectus within the meaning of Article L.412-1 of the Monetary and Financial Code, nor an information document approved by the AMF. Helice may modify this Litepaper at its sole discretion. Investing in crypto-assets is risky and can lead to the total loss of one's capital.