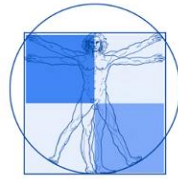


# WHITE PAPER



**ML IN HEALTH SCIENCE**  
non-profit, Web3 society

## § 1 Name, Location, Fiscal Year:

- (1) The society is named ["ML in Health Science"](#) (Machine Learning in Health Science).
- (2) The society is based worldwide, with the initial board (Vorstand) located in Germany, Poland, and Belarus.
- (3) The fiscal year is the calendar year.

## § 2 Purpose of the society, Non-Profit Status

- (1) The society exclusively and directly pursues **non-profit purposes**.
- (2) The purpose of the society is the **promotion of science and research** (§ 52: Zur erstmaligen Anwendung ab 1.1.2007 vgl. Art. 97 § 1d AOEG 1977).

**ML in Health Science is a Web3 platform for publishing and promoting Artificial Intelligence (AI), Machine Learning (ML), E-Health, Metaverse, web and web3 technologies, robotics, and bionics within healthcare settings.**

- (3) The purpose of the statutes is particularly realized through the:

- 1. ["Web3 Journal: ML in Health Science"](#). The journal reviews and publishes AI, ML, E-Health, Metaverse, and Web3 research that is sustainable in enhancing human wellbeing and aligns with current health science standards.
- 2. ["Web3 Certificate: Human-centered Project"](#), is a Web Laboratory and Blockchain Award Repository for AI, ML, E-Health, Metaverse, and Web3 Projects. It utilizes [Evidence-based Recommendations](#) for human-centered projects, which the society regularly collects, reviews, and updates for improvement.

- (4) The society operates selflessly; it does not primarily pursue self-economic purposes. Funds of the society may only be used for the statutory purposes. The members receive no benefits from the funds. No person may be favored by expenses that are foreign to the purpose of the society, or by disproportionately high remunerations.

### **§ 3 Acquisition of Membership, Membership Fees**

**(1)** Any natural or legal person or entity is eligible to become a member of the society **“ML in Health Science”**.

**(2)** Membership in the "ML in Health Science" society is earned when an individual holds at least 50 MLHS Tokens (§ 8)

**(3)** The list of MLHS members corresponds to the MLHS Holder list, as recorded in the smart contract of the ML in Health Science Initiative. This can be accessed through the provided link: [Members of “ML in Health Science” society](#).

**(4) Types of membership in the "ML in Health Science" society include:**

1. **Author Membership:** Authors receive MLHS Tokens as an award for their published articles in the "Web3 Journal: ML in Health Science" (§ 9)
2. **Certificate Membership:** AI and ML researchers who have been awarded the "Web3 Certificate: ML in Health Science" (§10)
3. **Free Membership:** Individuals interested in following the "ML in Health Science" Society and investing in MLHS Tokens located in the Liquidity Pool of the Society (§8).
4. **Board Membership:** Prominent researchers in Health Sciences, ML, and AI Technologies who have earned the title of "ML in Health Science" board member (§5).

### **§ 4 Termination of Membership**

**(1)** Membership for natural persons and legal entities in the "ML in Health Science" society ends upon the loss of their MLHS Tokens (§8).

### **§ 5 The Bodies of the Society “ML in Health Science”**

The bodies of the society are:

- [the General Assembly of Members](#)
- [the Board](#)

**(1)** The Board consists of:

- The 1st Chairperson (Editor in Chief of the Web3 Journal: ML in Health Science);
- The Treasurer;
- Council of the Board

**(2)** The Board oversees the society's operations and represents it in all matters, judicial and extrajudicial. Its responsibilities include: organizing and conducting the General Assembly of Members; establishing the agenda; executing the resolutions of the General Assembly of Members; managing the financial records; publishing the [“Web3 Journal: ML in Health Science”](#); and issuing the [“Web3 Certificate: Human-Centered Project”](#).

Board of “ML in Health Science”:

**(3)** The Board consists of dedicated scientists with theoretical and practical experience in the fields of Healthcare, Health Research, Life Sciences, Natural Sciences, AI, ML, E-Health, Metaverse, and Web3. Board experts conduct independent evaluations of submitted projects through a rigorous peer review to help the innovative projects achieve the human-centred

approach and alignment with the current state of health sciences. Each Board expert will be rewarded for their review with a unique smart contract-approved transaction of 100 MLHS tokens per one review from the ML in Health Science reward pool (§8) to the board expert.

**(4)** The members of the Board's Council and the Treasurer are appointed by the 1st Chairperson. In the event that a member of the Board's Council or the Treasurer vacates their position, the 1st Chairperson has the authority to co-opt a replacement member for the Board's Council.

**(5)** The board members generally work on a voluntary basis. They are entitled to reimbursement for their reasonable expenses incurred. The General Assembly of Members can decide on a reasonable remuneration for some or all board members, up to an amount of 100.000 MLHS Tokens (§8).

**(6)** The board members are liable to the society only for intentional or grossly negligent behavior. If board members are claimed against by third parties due to their activities on the board, the society indemnifies the affected board member from these claims, provided that the board member did not act intentionally or with gross negligence.

## **§ 6 Regular General Assembly**

**(1)** The General Assembly of Members shall take place at least once a year.

**(2)** The General Assembly can be held as an in-person meeting or as a virtual meeting. For the in-person meeting, all participants of the General Assembly meet at a common location. The virtual General Assembly is conducted by all participants dialing into a video or chat conference. A combination of in-person and virtual General Assembly is possible by allowing members to participate in the in-person meeting via video or chat conference. The Board decides on the format of the General Assembly and communicates this in the invitation to the General Assembly. If the Board invites to a virtual General Assembly, it shall provide the members with the dial-in details for the video or chat conference at least one hour before the start of the General Assembly via email.

**(3)** The General Assembly is convened by the Board through an official message on the [society's social media platforms](#). This message will state the agenda and provide a notice period of two weeks. The period begins on the day the invitation is sent. The invitation letter is considered to have been delivered to the member if it is addressed to the last address provided by the member to the society. Motions to supplement the agenda can be submitted by any member. They must be submitted in writing with justification to the Board one week before the assembly. The meeting chair must announce the additions at the beginning of the meeting.

**(4)** The General Assembly is quorate regardless of the number of members present.

**(5)** Resolutions are passed by a simple majority of the votes cast; in the event of a tie, the 1st Chairperson decides. Each member has one vote. The right to vote can only be exercised personally or for a member by presenting a written power of attorney. A record of the resolutions of the General Assembly must be taken, which is to be signed by the respective meeting chair and the minute-taker.

(6) The General Assembly is responsible for determining rewards in MLHS Tokens for authors and reviewers, as well as for the minting of new MLHS Tokens (§8).

(7) The General Assembly is chaired by the 1st Chairperson of the Board, or in his/her absence, by the Treasurer. If none of these Executive Board members are present, the Council of the Board elects the chair by a simple majority of the votes cast. The meeting chair appoints a minute-taker.

## **§ 7 Extraordinary General Meeting**

An extraordinary general meeting is held if the interest of the society requires it, or if 1/5 of the members request it in writing, stating the reasons to the board.

## **8 § Governance:**

(1) The "ML in Health Science" platform provides **blockchain-based identification** for its ["Web3 Journal: ML in Health Science"](#) publications and the ["Web3 Certificate: Human-Centered Project,"](#) utilizing the **MLHS Token**. This token facilitates an impartial and decentralized evaluation of AI projects.

(2) Serving as the primary holder and creator of the MLHS Token is the "ML in Health Science" society, a non-profit organization dedicated to recognizing and rewarding researchers and reviewers in the domain of human-centered AI, ML, E-Health, Metaverse, and Web3. As the principal custodian of MLHS Tokens, "ML in Health Science" upholds their integrity and value, operating with an unwavering commitment to non-profit objectives and ethical standards.

(3) "ML in Health Science" has pledged to refrain from selling any MLHS Tokens for profit following their creation. This commitment is a cornerstone in ensuring the ongoing integrity of the project and maintaining the trust of the community.

(4) **Technology and Security:** BEP20 Protocol.

(5) **Token Distribution:** Release: 30.12.2023.

(6) **Total supply:** 100,000,000 MLHS Tokens

(7) **Initial token allocation for MLHS:**

- 80% (80.000.000 MLHS): "ML in Health Science" reward pool
- 15% (15.000.000 MLHS): BNB Liquidity Pool
- 5% (5.000.000 MLHS): The initial creator team

## **9 § Publication and Promotion of research:**

All research submitted to the ["Web3 Journal: ML in Health Science"](#) undergoes a review process. If they align with the human-centered standards of the society, they will be published, thereby gaining visibility through a permanent link to the publication on our platform, along with [DOIs](#), and the [BscScan transaction hash](#) for our utility token [SCi3 \(Science 3.0\)](#). Each reviewer of the published original work will be awarded up to 100 MLHS Tokens, which will be transferred to the author's provided [Web3 wallet](#).

### **10 § Awards and Certification:**

- (1) Projects that enhance human wellbeing and align with current health science standards, once published in the journal, will be awarded a unique blockchain certificate: [“Web3 Certificate: Human-Centered Project”](#). This is verified through inserting this information in [SCI3 token](#) (opBNB Blockchain).
- (2) Blockchain certification is a peer-review process that utilizes the evidence-based [recommendations](#) of ML in Health Science for enhancing human wellbeing, complemented by the decision of one of the editorial [board members](#).
- (3) The certificate has no expiration date.

### **11 § Fast-Track Certification:**

Business organizations requiring expedited certification may request a priority review, subject to a specific fee. Collected fees will be directed to the “ML in Health Science” rewards pool, enhancing the liquidity of projects and augmenting the rewards allocated to authors.

### **12 § Tokenomics and Sustainable Rewards**

MLH Token aimed to decentralise the liquidity of ML in Health Science. The current tokenomics of MLHS supports rewarding up to 500.000 research and review activities. Once all tokens are allocated for rewards, “ML in Health Science” retains the option, with society’s consensus (§6), to mint new tokens to sustain the reward process for researchers. This measure ensures the continuous support and incentivization of valuable contributions to health science, maintaining the momentum of innovation and discovery.

### **§ 13 Dissolution of the Society**

In the event of the dissolution or annulment of the society, or in case of cessation of tax-advantaged purposes, the society's assets shall be transferred to a legal entity under public law or another tax-advantaged corporation to be used for the continued development and support of [“Web3 Journal: ML in Health Science”](#).

**1st Chairperson: Dr. Yury Rusinovich MHBA**

**Treasurer: Alexander Vareiko**

**30.12.2023**

This project was created as a diploma work for the Master of Health Business Administration (MHBA) program by  
Dr. Yury Rusinovich  
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