

NATIVE DIGITAL

BRIDGING WEB3 AND REAL LIFE



Tokenize physical goods
with patented technology

COMPANY INTRODUCTION
03/2023



**We are bringing Blockchain
Technology to the Real World**



We want to make our Smart Dust DNA the standard for the certification of sustainability, genuinity, traceability and anti-counterfeiting of any physical product

"Great things are done by a series of small things brought together"

Vincent Willem Van Gogh (1853 - 1890)

Mission



We turn
objects into
subjects



Native Digital's mission is to revolutionize the way we think about products, by creating a world where quality, sustainability, transparency and trust are at the forefront of every purchase. We believe that every product has a story to tell, and we're here to make sure that story is heard loud and clear.

VISION

"Nothing is impossible in this world. Firm determination can move heaven and earth."

Yamamoto Tsunetomo (1659 - 1719)



NATIVE DIGITAL

SMART DUST™



SWISS PATENTED TECHNOLOGY



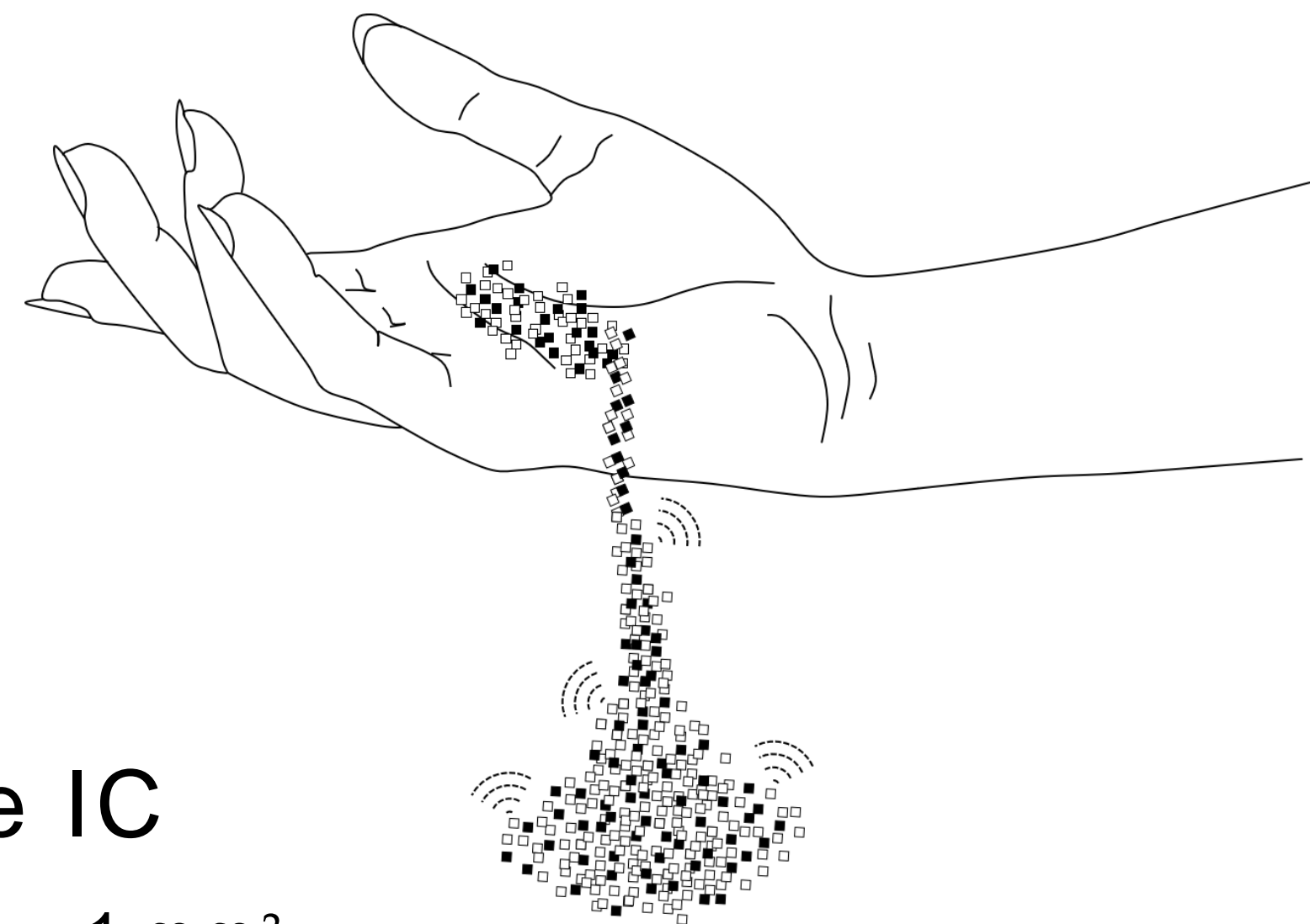
Swiss Company



Swiss Production Facility



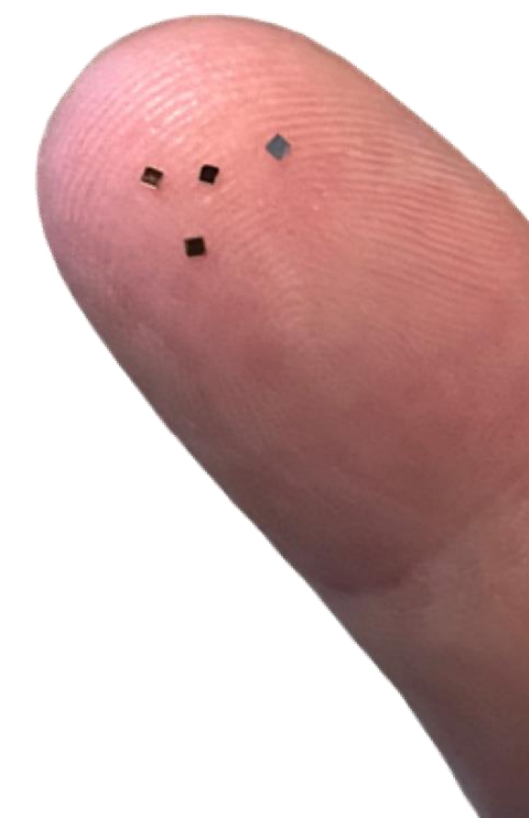
Swiss Management R&D Team



The IC

- Size: ~1 mm²
- T. range: -200°C +300°C
- Pressure up to 1500 Bar
- Protection grade: IP69K
- Frequency: UHF and NFC
- Type: Passive RFID
- Anti-collision protocol
- In production

[Lab certification tests available.](#)



The Smart Dust Digital Fingerprint

Simple lines, unique fingerprint.

=

**The Smart Dust random dispersion
into a product creates an intricate
and unique system of tiny, rugged
tags, almost impossible to be
replicated.**



The Smart Dust DNA

The digital essence of a product.

The unique digital fingerprint of the Smart Dust is encrypted and stored within each individual tag, forming the very own digital DNA of a product. Just like how our cells hold DNA that describes both the cell and the entire organism, every speck of dust holds a piece of the bigger picture.



NFC labels are not designed to withstand harsh conditions out of the shop, such as washing.

- Maximum temperature range: -25°C to +70°C

(source: Avery Dennison)

<https://rfid.averydennison.com/content/dam/rfid/en/products/rfid-products/datasheets/datasheet-Bullseye-NFC-NTAG-213-216.pdf>

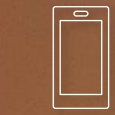


SPoF

Single Point of Failure

A single point of failure is a situation in which the failure of a single component within a system can cause the entire system to fail, leading to a complete breakdown or disruption of the system's functionality.

Essentially, it means that an NFC label is a critical component because it does not have any redundancy, and if it fails, there is no other way for the system to continue functioning normally.



Smartphone readable

Native Digital
Smart Dust



Competitor
NFC labels



Blockchain



Anti-counterfeiting



GDPR compliant



Fault tolerance



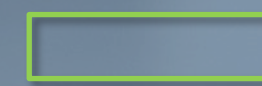
Overmolding



Dimensions



Very small



Large



Temperature range



Ultra wide



Narrow



Pressure range



Ultra wide



Narrow



Environmental footprint



Low

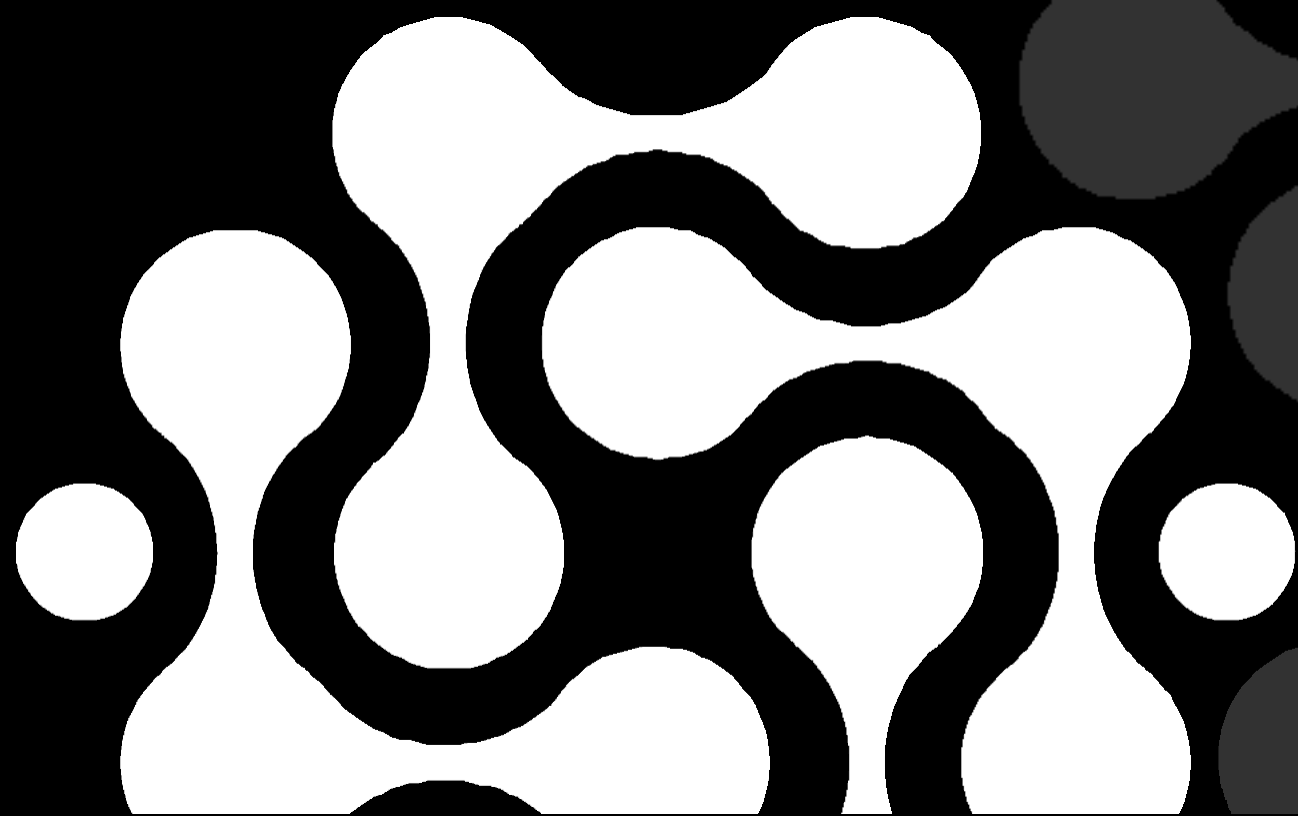


High

DUST vs NFC

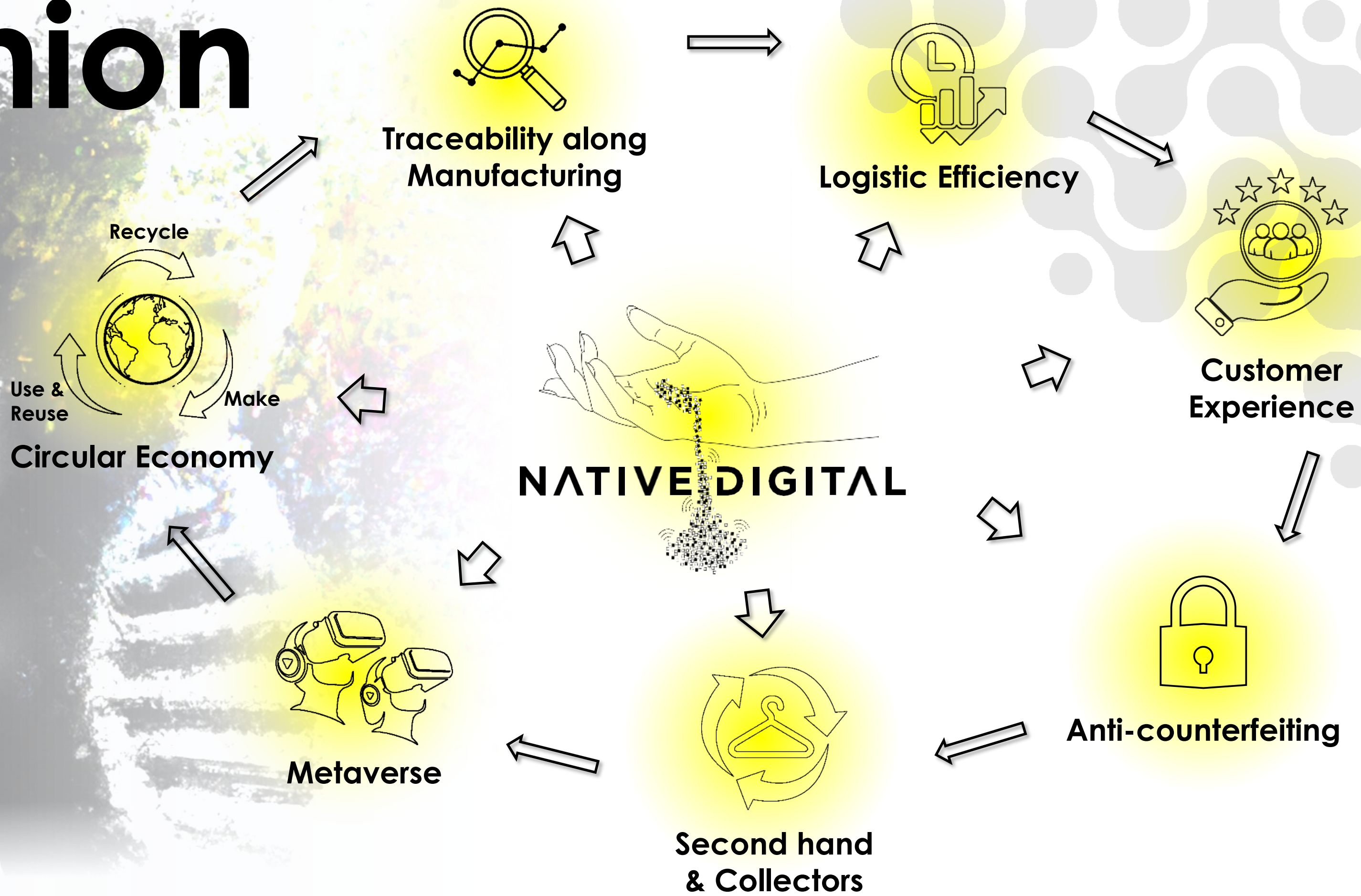


UNIQUENESS IN EVERY CREATION



Fashion

Ecosystem



Fashion

A strong and **future-oriented** blockchain infrastructure



ethereum



polygon

Swiss based fully customizable **Web3 ecosystem**



Crypto Valley
Member

White label



Over the past 7 years, we've dedicated ourselves to the study of electronic traceability for cryogenic biological samples. It's been a challenging journey, but we persevered to create a **revolutionary transponder** small enough to fit inside a cryogenic straw and operate in **extreme conditions**.

We're proud to say that we've secured a worldwide exclusive for this breakthrough technology through our partnership with a leading multinational company. At Native Digital, we call these tiny, tough transponders **Smart Dust**. They represent our unwavering commitment to innovation and quality, and we're excited to share them with the world.

Background





NATIVE DIGITAL

Thank You

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