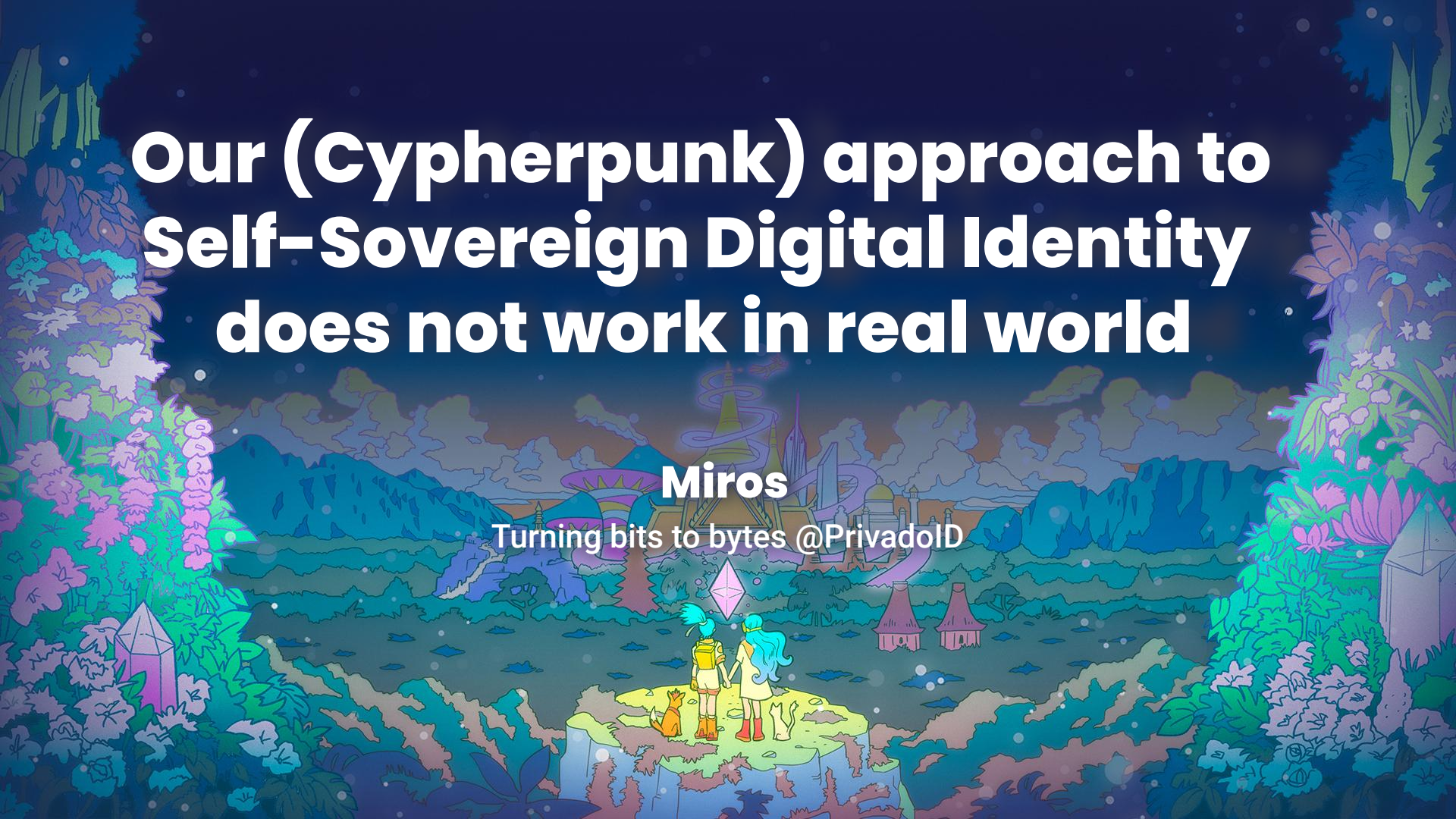


# Our (Cypherpunk) approach to Self-Sovereign Digital Identity does not work in real world

**Miros**

Turning bits to bytes @PrivadoID





**For years, our community is using cryptography and privacy-enhancing technologies trying to build solutions that will bring people control over their digital identities in their day to day life.**

**How far have we got?**



**WHAT ARE WE OFFERING**



**FULL USER CONTROL,  
PRIVACY, AND DECENTRALISATION**



**WHAT BUSINESS  
IS ASKING FOR**



imgflip.com

**SEAMLESS UX,  
INTEGRATION, COMPLIANCE**

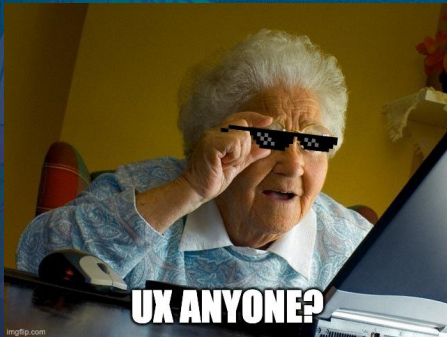




# **KEY CHALLENGES**

**Private keys management,  
verifiable credentials  
concept, multi-chain...**

**All these pose big hurdles for  
an average user/consumer.**



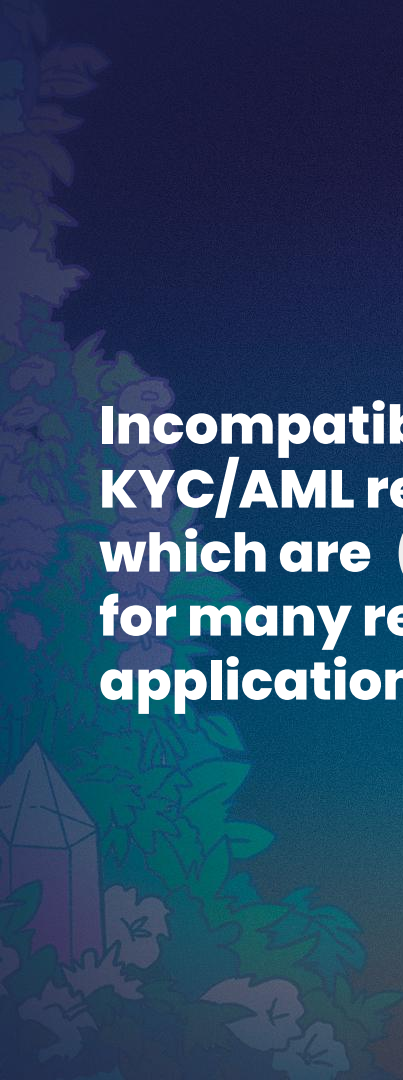
**USABILITY**



**Full decentralisation is hard  
(sometimes impossible) to  
reconcile with already  
established systems like  
governments, financial  
institutions etc.**

Experience taught me that being able to do a PoC for an identity solution integration in a matter of days (not more) really makes a difference.

**(EASE OF) INTEGRATION**



**Incompatibility with  
KYC/AML requirements,  
which are (sadly) a must  
for many real-world  
applications**

**(REGULATORY)  
COMPLIANCE**

(where applicable)



**The cypherpunk vision of total privacy and anonymity is ideal, but often falls short in real-world scenarios due to usability, regulatory, and integration challenges.**



# **A CALL FOR INCREMENTAL APPROACH**

## Opportunity – European Digital Identity

## They acknowledge the problem



“Every time an App or website asks us to create a new digital identity or to easily log on via a big platform, we have no idea what happens to our data in reality. That is why the Commission will propose a secure European e-identity. One that we trust and that any citizen can use anywhere in Europe to do anything from paying your taxes to renting a bicycle. A technology where we can control ourselves what data is used and how.”

**Ursula von der Leyen, President of the European Commission, in her State of the Union address, 16 September 2020**

## Opportunity – European Digital Identity

### What about the solution?

EUDI offers: selective disclosure, data minimisation, verifiable credentials etc.

It is a good step forward but far from what we need.

**We should join (and some of us are joining) this and similar initiatives, even though it is not fully aligned with Cypherpunk principles.**

**This is where I would like the debate within our community to happen.**



# Per Aspera Ad **Cypherpunk** Astra

While our cypherpunk philosophy resists centralized control, government initiatives like EUDI can serve as a bridge to broader public understanding and acceptance of digital identity principles. By engaging with and building on EUDI framework, we have the opportunity to:

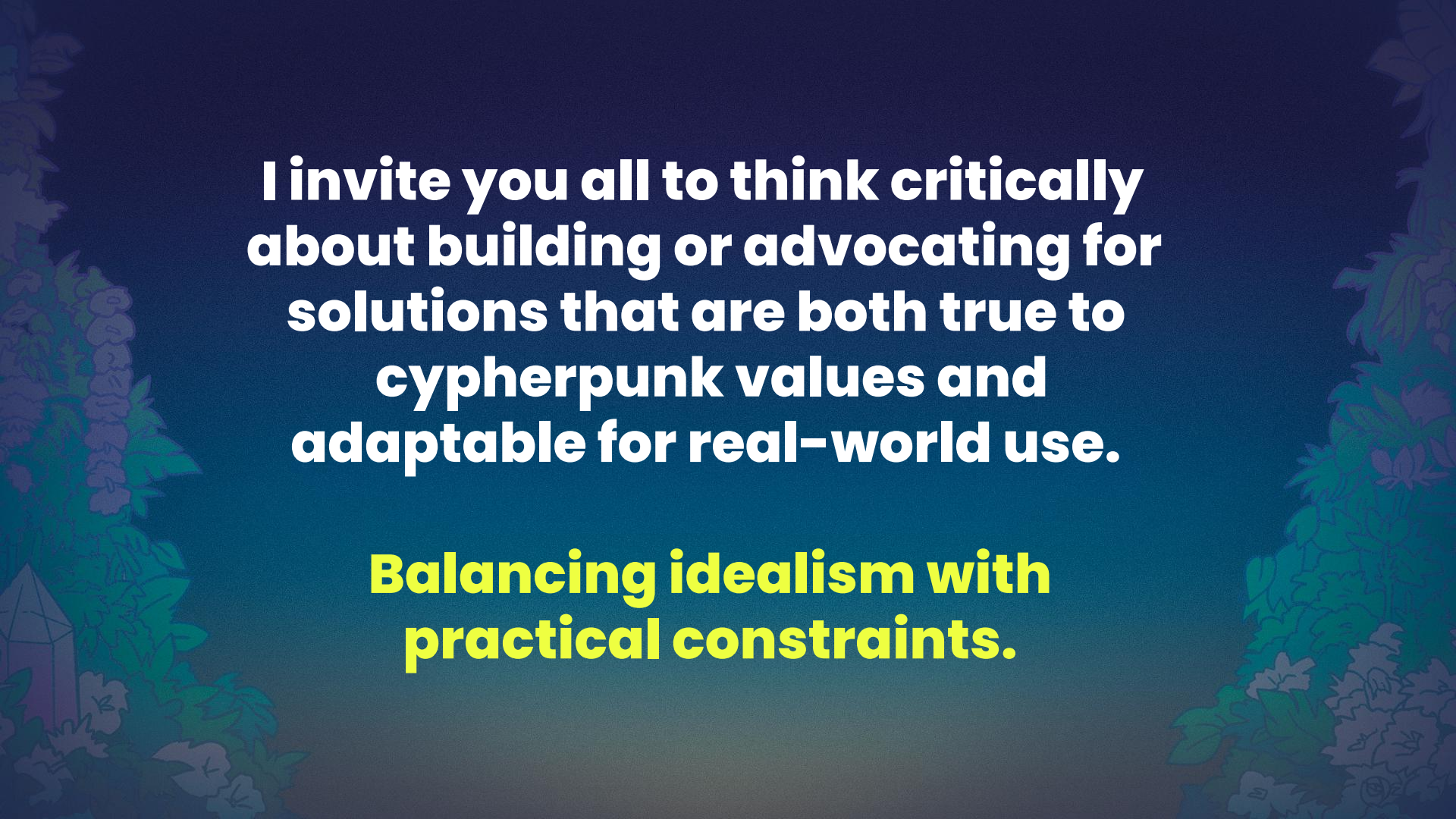
- **Promote privacy-first standards** within a regulated environment,
- Encourage **adoption of self-sovereign identity** concepts,
- Push for **more private, decentralized alternatives** aligned with user control and minimal data exposure.

If some of our values end up incorporated into the evolution of EUDI, it could bring meaningful progress toward a future where individuals maintain true sovereignty over their digital identities, even within government-aligned frameworks.

**AND NO, THIS DOES NOT MEAN WE STOP FIGHTING**

*If you can't beat them, **SHAPE** them.*





**I invite you all to think critically  
about building or advocating for  
solutions that are both true to  
cypherpunk values and  
adaptable for real-world use.**

**Balancing idealism with  
practical constraints.**





"The universal man is someone who seeks to understand the system in which he is embedded, to make it better, and to make it fair."

The struggle continues...

# Thank you!

## Miros

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