



Commons

In partnership with



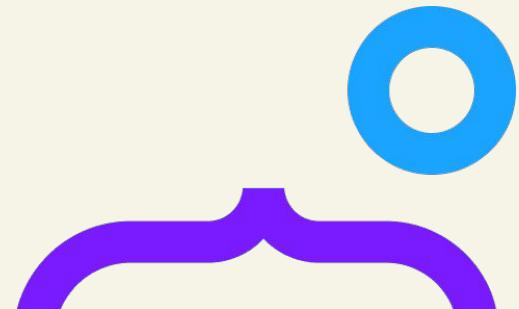
Organisation
des Nations Unies
pour l'éducation,
la science et la culture

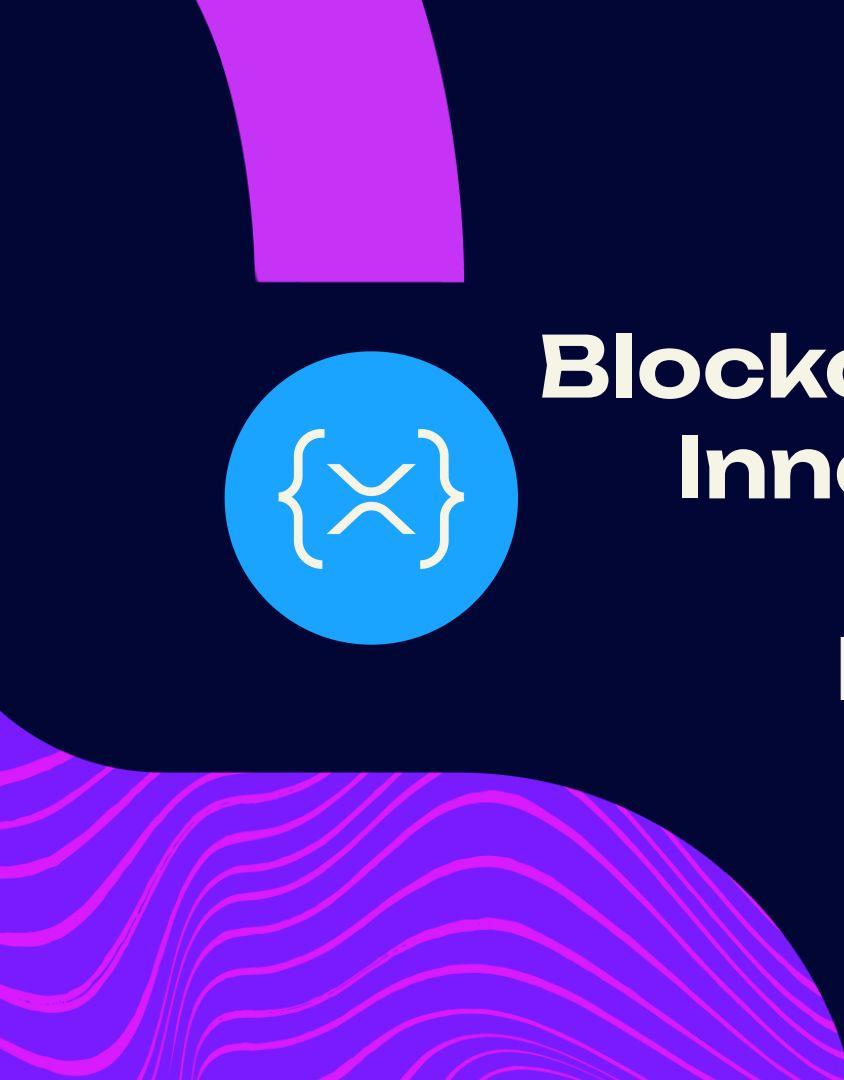
Chaire UNESCO
ITEN Innovation,
Transmission,
Edition Numériques



fmsh fondation
maison des
sciences
de l'homme

**UNIVERSITÉ
PARIS 8**
VINCENNES - SAINT-DENIS



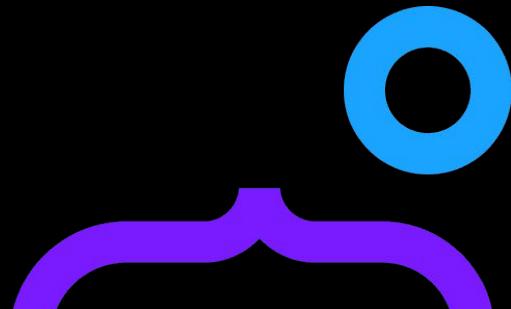


Blockchain for Impact: Innovating Social Economy Hackathon



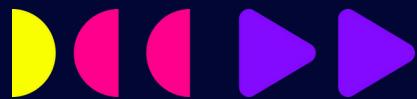
November 8th-10th 2024

Huge thanks to





XRP Ledger Education Week



Join us!

PLAYGROUND1

Building with the Root Network

⌚ November 4-5, 2024

📍 XRPL Commons HQ
84 rue Beaubourg,
75003 Paris



PLAYGROUND2

Career Day Université Paris Cité

⌚ November 7, 2024

📍 Campus des Grands Moulins 5
rue Thomas Mann,
75013 Paris



PLAYGROUND3

XRPL Commons & La Chaire UNESCO ITEN Hackathon

⌚ November 8-10, 2024

📍 XRPL Commons HQ
84 rue Beaubourg,
75003 Paris



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XRP Ledger Education Week



Welcome!

PLAYGROUND 3: Hackathon

**Blockchain for Impact:
Innovating Social
Economy**



November 8-10, 2024



XRPL Commons HQ
84 rue Beaubourg, 75003 Paris



Organisation
des Nations
pour l'Education,
la science et la culture

Chairie UNESCO
ITEN

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Blockchain for Impact: Innovating Social Economy

November 8th 2024: Round Table Discussion



David Bchiri
CEO
XRPL Commons



Matthieu Quiniou
Co-Director
Chaire UNESCO ITEN



Jeanne Bloch
Founder
Cosyal



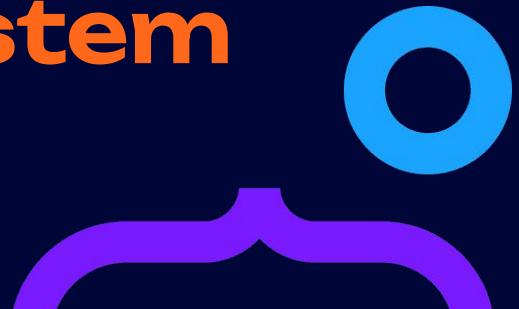
Perrine de Coetlogon
Open Education &
Digital Identity Officer

Our mission is to create

The **conditions of success**

for **Entrepreneurs** and **Developers**

to **thrive** in the **XRPL ecosystem**



We provide support to the XRPL community.



Learn



Build



Adopt



Engage



Learn

The learning curve to Blockchain is steep. It's better to be supported whether you have tech or business roles.

**Academic
partnerships**

Learning resources

**Trainings for
students &
instructors**

Research



Build

Our in-house residency and hackathons offer builders a playground for invention.

The Aquarium

Hackathons



Adopt

Blockchain integration for corporations and large institutions with tailored support and resources.

Workshops & Summits

Corporate Developers Trainings

Corporate & Institutional Partnerships



Engage

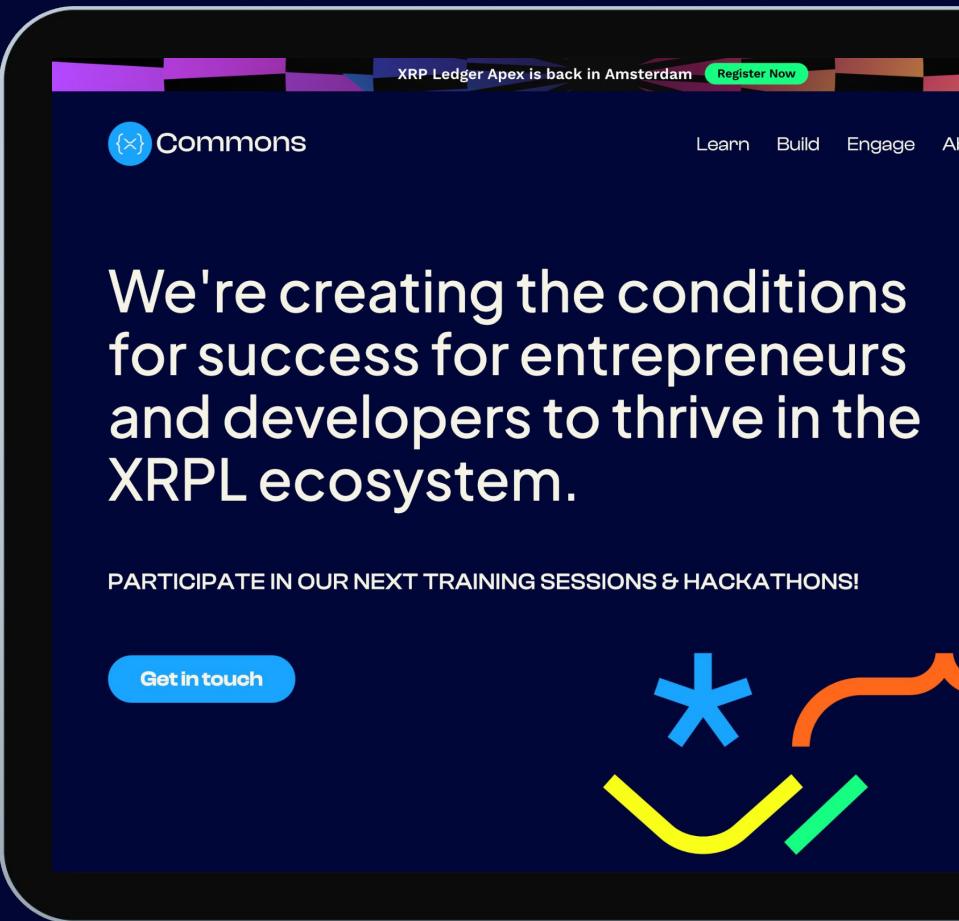
Meetups, podcasts, our
Community Magazine, and
news on our socials unite the
XRPL ecosystem.

XRPL Meetups
Podcasts
Community Magazine
News

Find out more



🔗 <https://xrpl-commons.org>



XRP Ledger Apex is back in Amsterdam [Register Now](#)

Commons Learn Build Engage AI

We're creating the conditions for success for entrepreneurs and developers to thrive in the XRPL ecosystem.

PARTICIPATE IN OUR NEXT TRAINING SESSIONS & HACKATHONS!

[Get in touch](#)





House rules

Be mindful of others.

Be respectful and treat others with empathy.

Help others if you can.

Share knowledge and ideas.

Be open and engaged.

Any sign of disrespect will be disqualifying.





House rules

This is your home for the weekend, please treat this place with respect.

You are free to work from anywhere downstairs, but  NO FOOD in the meeting rooms

 Water,  Coffee,  Tea available throughout the day

Mark your name on your cup and please use it more than once

Bathrooms are to share for the whole weekend.
Flush and clean after yourself.





About Food

💧 Water, ☕ Coffee, 🍵 Tea available throughout the day

Mark your name on your cup and please use it more than once

Food will be served for breakfast, lunch, snack and dinner.

All 🥬🥕 vegetarian.

You are free to work from anywhere,

🚫🍔 NO FOOD in the meeting rooms

💦 No liquid where your laptops are.





Hackathon objectives

Learn about the XRP Ledger and its capabilities

Win €5000, and a chance to enter our next Aquarium Residency

What you will build on

XRPL Mainnet



XRPL EVM Sidechain

Mature layer 1 with a
focus on payments
and liquidity

Smart contracts



Agenda

Friday 8th

5:00pm Round table

5:45pm XRPL Commons &
Hackathon presentation

6:30pm Pitch your project &
Team registration

7:00-8pm Networking

Saturday 9th

9am Opening & Breakfast

12:30pm Lunch

16pm-17pm Workshop by
Lenaic Boucher

7pm Dinner

10pm End of Day 1

Sunday 10th

10am Opening & breakfast

12:30pm Food & drinks

2pm Code reviews

4pm Demo & Jury

7pm The end

All day Office hours & Mentors presence



Themes

ESG Impact & DeFi

Design decentralized finance solutions that drive Environmental, Social, and Governance (ESG) initiatives, creating transparent, sustainable financial systems that empower communities and foster positive social impact.

Gamified Social Impact

Leverage gamification to build engaging solutions that inspire social change, where users can actively participate in addressing global challenges through interactive, community-driven platforms.

How your projects will be evaluated

1. Idea
2. Implementation
3. Presentation / Demo
4. Potential

 All projects must have at least some transactions on the XRPL layer 1

Blockchain for Impact: Innovating Social Economy

Mentors



Luc Bocahut
CTO
XRPL Commons



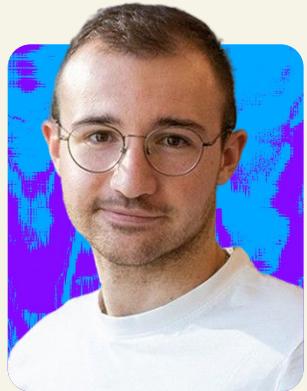
Florian Alonso
Blockchain &
Fullstack Developer
42 School



Valentin
Blockchain &
Fullstack Developer
42 School



Thomas Husseenet
Technical Partner,
Co-Founder & CTO
XRPL Commons | Cypher
Lab



Nathan Hervier
Co-Founder & CIO,
Blockchain Developer
PlentiFi | Cypher Lab

Blockchain for Impact: Innovating Social Economy

Mentors



Yué Wang
Founder, Developer,
Growth Hacker
Cr3ndential



Matthieu Quiniou
Co-director
Chaire UNESCO ITEN



Modupe Diyaolu
Co-founder
meCash



Hugo Deiss
Co-founder
Kayp



Lenaic Boucher
Entrepreneur,
Co-founder of
WakeUp! Movement



Emilie Thebault
CEO
Serendip Tech



Two Prize Pools, one per track

First place

€ 3000

Second place

€ 1500

Third place

€ 500

Special prize:

Invitation to XRPL Aquarium Residency

HACKATHON JUDGES

Blockchain for Impact

Innovating Social Economy

⌚ Nov. 8th-10th 2024

📍 XRPL Commons HQ, Paris



Odelia Torteman
Adoption Director
XRPL Commons



Simon Luling
Founder
Ekonavi



Matthieu Quiniou
Co-director
Chaire UNESCO ITEN



David Bchiri
CEO
XRPL Commons



Luc Bocahut
Product Director
& Solutions Architect
XRPL Commons



Lenaic Boucher
Entrepreneur,
Co-founder of the
WakeUp! Movement



Jeanne Bloch
Founder
Cosyal

Blockchain key concepts: A Definition

A blockchain is...

A **shared** Database

It coordinates Heterogeneous Actors

Key concepts:

- **Immutable**
- **Distributed**
- **Decentralized**

An immutable data store

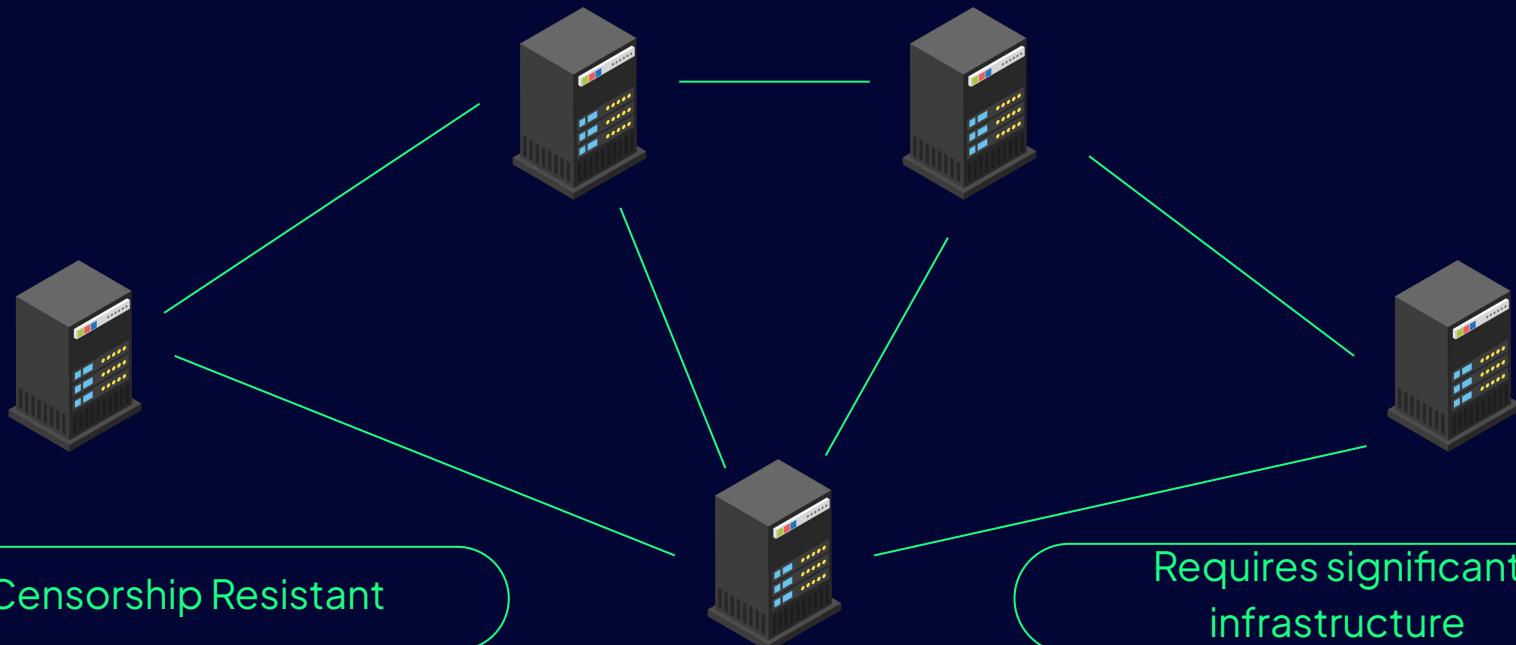
The ledger is immutable

Write Once

Read Forever

Data is tamper-proof

Distributed



Decentralized

Users agree **beforehand** on the rules used to establish the truth via **the consensus mechanism**.

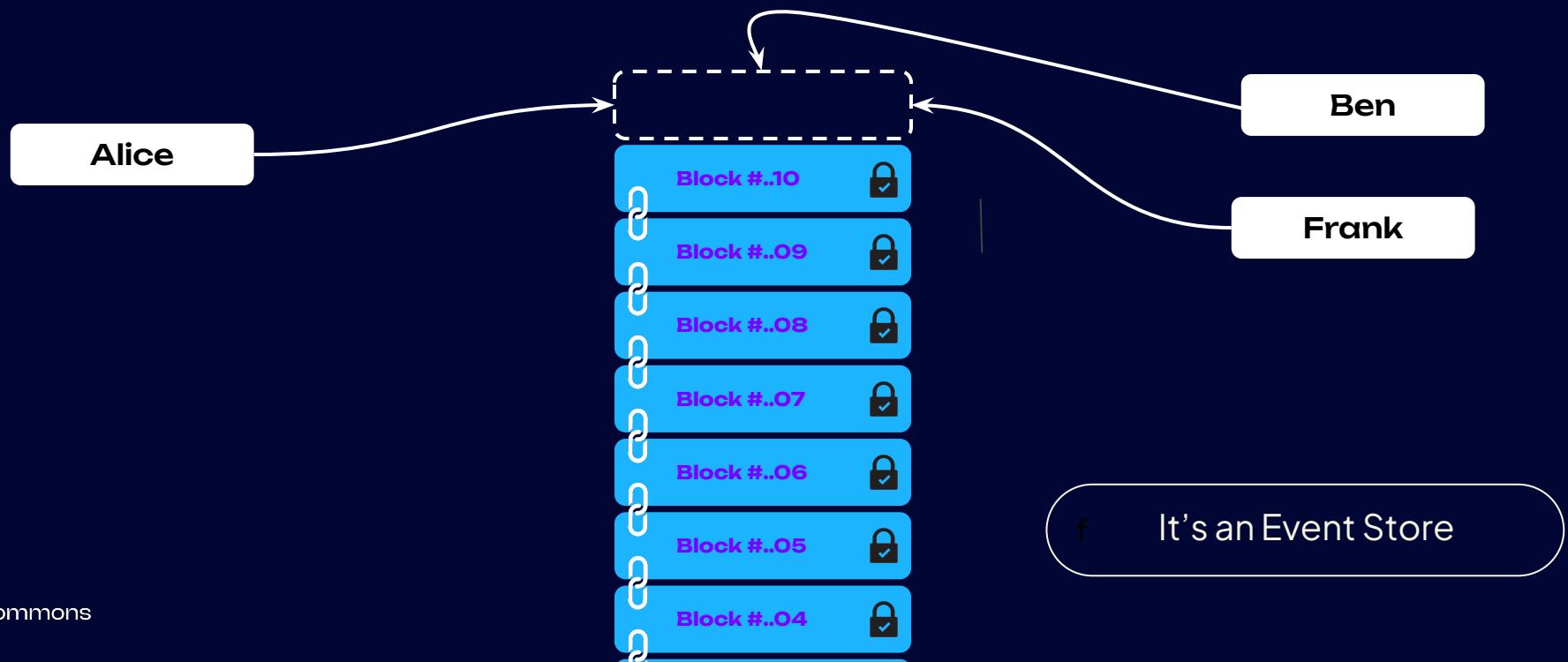


Types of consensus mechanisms

- Proof of Work (PoW)
- Proof of Stake (PoS)
- Delegated Proof of Stake (DPoS)
- Proof of Importance (PoI)
- Proof of Capacity (PoC)
- The Proof of Elapsed Time (PoET)
- Hybrid Proof of Activity (PoA)
- Proof of Authority (PoA)
- **Proof of Association (PoA)**

A database

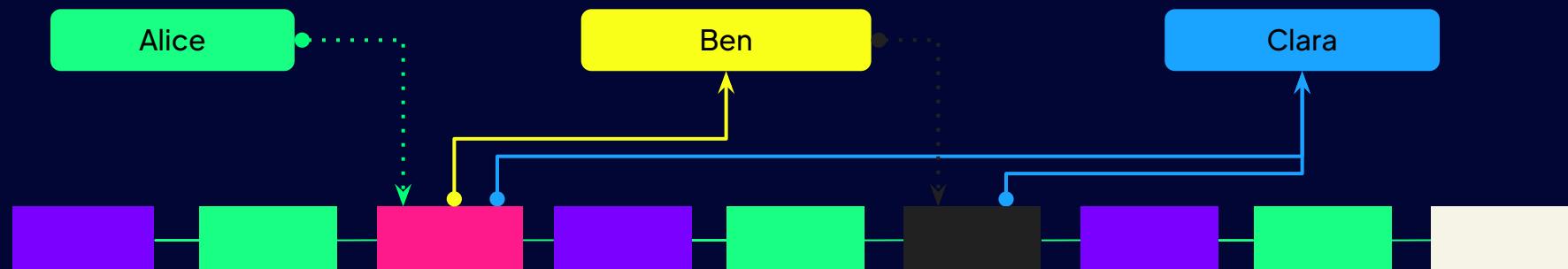
Data is written sequentially



Coordinating Heterogeneous Actors

Different profiles, outside your circle of trust or outside your control

- Clients
 - Competitors
 - Suppliers
 - Etc...
- Everyone is one hop away to read or write to the blockchain making it easy for all to sync
 - Coordination happens in the open



An
**Immutable, Distributed
Decentralized
Database
Coordinating
Heterogeneous Actors**

Not Everything should be built on Blockchain!

Limits include:

- Speed
- Cost
- Limited Storage

Ideal for:

- Community based services
- Decentralized marketplaces

Designing your solution

1



Specification

Business object

Relational logic

2



Identity

Proofs

Auditable

3

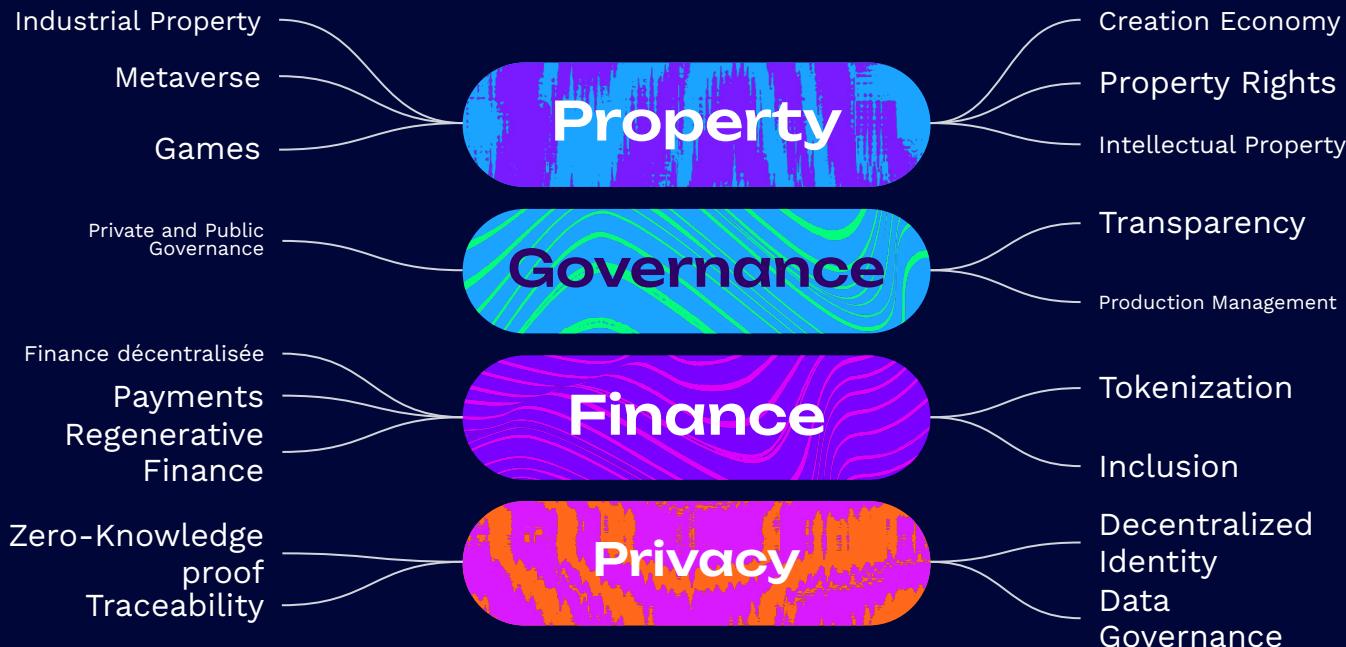


Application

Website

Multiverse

Many use cases



Any questions?



Resources

Training Support



🔗 https://github.com/XRPL-Commons/november_2024_chaire_ITEN_hackathon

Discord



🔗 <https://discord.gg/3n8m3s75>



**Who wants to pitch
their idea ?**

**Scan this QR code
to tell us how
awesome our
hackathon was**

