

# Public Sector SIG

<https://lists.hyperledger.org/g/public-sector-sig/>

[Learning Materials Group site link](#)



**Hyperledger**  
PUBLIC SECTOR  
SPECIAL INTEREST GROUP

Join our [group mailing list here](#) to receive meeting notices and recordings

**Meeting Information** See [charter](#) for more details.

Meeting schedule: Biweekly, Fridays at 10 am EDT, 2 PM UK time. See the [Calendar of Public Meetings](#) for the next meeting time.

[Meeting Zoom Link](#)

## Meeting Link Details

**Description** Hyperledger Public Sector Special Interest Group (public-sector-SIG) is a Special Interest group focused on applying distributed ledger technology in general, and Hyperledger technologies in particular, to the public sector (e.g., government and government-related) uses and needs.

**Meetings >> Join from PC, Mac, Linux, iOS or Android:**

<https://zoom.us/my/hyperledger.community?pwd=STZQd0xMZU9xRVVOVnpQM3JNQ2dqZz09>

**Or iPhone one-tap :**

US: +16465588656,,4034983298# or +16699006833,,4034983298#

**Or Telephone:**

Dial (for higher quality, dial a number based on your current location):  
US: +1 646 558 8656 or +1 669 900 6833 or +1 855 880 1246 (Toll Free) or  
+1 877 369 0926 (Toll Free)  
Meeting ID: 403 498 3298  
International numbers available: <https://zoom.us/j/4034983298>

## Upcoming Meetings:

Fridays, 10 am EDT

**April 26, 2024 - Open Discussion on UN SDGs, trust and blockchain value - Jim Mason**

[Meeting Zoom Link](#)

This session is intended to be a forum to get thoughts on some of the UN SDGs and their relationship to trust and blockchain. I'll provide a quick summary of a few SDGs, some basic trust concepts and open the floor for discussion.

Online | Friday, April 26th at 10 AM EDT / 14:00 UTC

<https://tinyurl.com/3f98s952>

- Join our group mailing list here to receive meeting notices and recordings
- Meeting Information See [charter](#) for more details.
- **Upcoming Meetings:**
  - April 26, 2024 - Open Discussion on UN SDGs, trust and blockchain value - Jim Mason
- **Future Meetings**
  - May 3 2024 - Trusted Enterprise AI & ML - Mohan Venkataraman
  - May 17 2024 - INATBA Overview presentation by Morgane Stein
- **Past Meetings**
  - Recordings - 2023 - meeting history with download files
  - Dec 29, 2023 - 2024 Planning discussion on Key Topics - Jim Mason, Saptarshi Choudhury
  - Nov 3, 2023 - Informal discussion on Biden Responsible AI Executive Order - Jim Mason
  - Oct 20, 2023 - SSI Self Sovereign Identity Use Case Discussion - Jim Mason
  - June 9, 2023 - ESG and Blockchain - Mohan Venkataraman
  - May 5, 2023 - Public Sector 2023 Schedule Discussion - Jim Mason
- **How to Build Web-Based Distributed Applications (DApps) on Hyperledger Fabric - Feb 27, 2023**
  - Linux Foundation Public Health - Jim St Clair - Friday Oct 21, 10 am EDT
- **Past Meetings:**
  - Hyperledger Firefly v1.1 for Web3, Blockchain apps
    - Nicko Guyer - Senior Full Stack Engineer - Kaleido
  - Digital Asset & CBDC Legislation Trends - Jim Mason
  - Discussion - US CBDC and Project Lithium for security settlement
  - Public Sector Group Meeting Recordings
  - Public Sector Group Overview
  - Leadership
    - Past Leadership
    - Please JOIN the mailing list here.
  - Hyperledger Apprentice Program - Apply Here by May 6th
  - Charter and FAQ
    - Scope
    - Work Products
  - Communication Tools
  - Presentations and other resources:



- Use Case Inventory
- Linux Foundation Anti-Trust Policy Notice
- Hyperledger Code of Conduct Notice
- Recent space activity
- Space contributors

## Future Meetings

### May 3 2024 - Trusted Enterprise AI & ML - Mohan Venkataraman

#### Mohan Venkataraman

CTO at Chainyard: deployed over 30+ blockchain solutions

Thought leadership in Blockchain, AI, IoT, and Supply Chain

Passionate to exploit technology to solve business problems.

#### Trusted Enterprise AI & ML

- AI use must be governed, controlled, monitored, and managed
- Opportunity & Challenges of AI & ML for Enterprises
- An Enterprise AI/ML Layered View
- Key actors: Users, Models ( & Agents), Prompts
- DLT-enabled Enterprise AI Trust Protocols

Chainyard provides practical services for AI and ML use cases. Trust Your Supplier supports enterprises for supplier qualification and risk management.

### May 17 2024 - INATBA Overview presentation by Morgane Stein

<https://inatba.org/>

International Association for Trusted Blockchain Applications

#### Morgane Stein - Head of Industry Partnerships, Events & Membership Recruitment

INATBA offers public and private developers and users of DLT a global forum to interact with regulators and policymakers and bring blockchain technology to the next stage.

INATBA facilitates positive change in the blockchain ecosystem. We are dedicated to supporting and promoting our members as part of our work to bridge public and private entities and promote global blockchain adoption across diverse fields such as law, finance and education.

Mission, Focus, Goals, Organization, Membership

Current Projects and Work Summary

INATBA Opportunities & Road Forward

## Past Meetings

[Recordings - 2023](#) - meeting history with download files

### Dec 29,. 2023 - 2024 Planning discussion on Key Topics - Jim Mason, Saptarshi Choudhury

Discussed [Farm to Plate](#) concepts on

- Food Safety
- Sustainable Food Supply Chain
- Food Traceability
- Relationship to key Technologies: DLT, AI, IoT, Events
- Presentation in March / April timeframe

Covered other Categories for Sessions for 2024

### Nov 3, 2023 - Informal discussion on Biden Responsible AI Executive Order - Jim Mason

There is a lot to digest. This is NOT a presentation but an open discussion around the order and Responsible AI.

The goal is to define specific areas of research to focus on for follow up sessions on the concepts, candidate policies, actions the agencies and other organizations are taking to deliver on the goals for Responsible AI.

Like the White House Executive Order on Digital Assets in 2022, this Executive Order instructs US Government agencies to take specific actions to define how Responsible AI should be implemented. The Executive Order provides guidance on Responsible AI principles, policies and guidelines that should be created.

More details on the executive order are here:

<https://www.whitehouse.gov/briefing-room/presidential-actions/2023/10/30/executive-order-on-the-safe-secure-and-trustworthy-development-and-use-of-artificial-intelligence/>

We'll summarize meeting notes and post here to our 2023 recordings page

### Oct 20, 2023 - SSI Self Sovereign Identity Use Case Discussion - Jim Mason

Attendees

[marcelo@teeglobal.com.br](mailto:marcelo@teeglobal.com.br)

Discussed concepts, strategies for using Self Sovereign Identity and Verifiable Credentials

Reviewed State of Rhode Island project

Reviewed potential use cases going forward for governments implementing SSI solutions

Discussed a Brazilian university use cases for SSI

**SSI concepts covered:**

inclusion  
Decentralization  
Recovery  
Revocations  
Governance

**SSI use cases covered:**

UC1 - Not all residents have access to digital equipment for digital services  
UC2 - residents with digital access may lose their access ( eg lost phone )  
UC3 - Residents need free, reliable digital vaults for backup of digital wallets, ids, credentials  
UC4 - Residents need full recovery capabilities to securely restore access to their digital wallets, vaults  
UC5 - A state has many applications for residents usually accessible through a user id and password  
today, a digital ID should provide the same access

**Resources referenced:**

<https://www.hyperledger.org/projects/hyperledger-indy>

<https://www.hyperledger.org/projects/aries>

<https://digital.gov.bc.ca/digital-trust/>

## June 9, 2023 - ESG and Blockchain - Mohan Venkataraman

<https://zoom.us/join/hyperledger.community?pwd=STZQd0xMZU9xRVVOVnpQM3JNQ2dqZz09>

[presentation slide deck download link](#)

The poster is for a Hyperledger Meetup titled "ESG and Blockchain". It features a blue background with a geometric pattern. On the left, the Hyperledger logo and "MEETUP" are at the top. Below them is the title "ESG and Blockchain" and a bulleted list of topics: understanding ESG for corporate responsibilities, climate change initiatives, how blockchains support ESG, and Chainyard's Trust Your Supplier (TYS) using blockchain for supply chain risk management. At the bottom left, it says "Online | Friday, June 9 at 10 AM EDT / 14:00 UTC" with a URL. On the right, there is a circular portrait of Mohan Venkataraman, followed by his name and a bio: "CTO at Chainyard: deployed over 30+ blockchain solutions", "Thought leadership in Blockchain, IoT, and Supply Chain", and "Passionate to exploit technology to solve business problems."

## May 5, 2023 - Public Sector 2023 Schedule Discussion - Jim Mason

we'll discuss current topics in focus this for the Public Sector Group

**Key areas in scope include:**

1. AI Governance and Blockchain
2. ESG and Blockchain - Mohan Venkataraman
3. UN SDGs - what are they? can they be implemented? how?
4. UN Climate Reports and Blockchain ( Climate, Water, Forests, Population )
5. Blockchain Interoperability
6. Financial System Problems, Governance and Blockchain
7. Asset Tokenization and Digital Asset Regulations
8. Payment Systems and Blockchain: Swift, RLN, Citi , CBDC and more
9. Food Supply Chain and Sustainability
10. Privacy, Security, Economies and Crime

# How to Build Web-Based Distributed Applications (DApps) on Hyperledger Fabric - Feb 27, 2023

Jim Sullivan from The Blockchain Academy leads an online workshop about using the Ethereum Virtual Machine (EVM) and NodeJS to build web-based distributed applications (DApps) on Hyperledger Fabric. Use your Solidity skills and the EVM tools to develop robust DApps on Hyperledger Fabric.

Prerequisites: Basic Blockchain, Hyperledger Fabric, and EVM knowledge.

Monday, February 27, 2023 at 11:00 AM to Monday, February 27, 2023 at 12:30 PM EST

[Add to calendar](#)

Online event

## Linux Foundation Public Health - Jim St Clair - Friday Oct 21, 10 am EDT

Linux Foundation Public Health (LPFH) is fostering the world's largest collaborative environment for open source public health. It builds, promotes, and sustains open source software to improve global health innovation.

Find out how open source software and Hyperledger are adding value in the Public Health arena. Jim St Clair is the Executive Director of Linux Foundation Public Health project. With expertise in both public health solutions and Hyperledger, Jim leads the team on finding opportunities for open source solutions. Don't miss this meeting to find out what they've done and where they are focused now

**Jim St.Clair**

**blocked URL**

Jim is the Executive Director of the Linux Foundation Public Health (LFPH which promotes and curates open source software to help public health authorities (PHAs) and other healthcare organizations with an open source digital health ecosystem. Jim is also contributing to several ISO, HL7 and IEEE Working Groups to develop new standards for decentralized identity, patient data and distributed ledger systems. Jim is a veteran and former naval officer, having served in both active and reserve capacity.

## Past Meetings:

**Recordings Page**

[Recordings - 2022](#)

**Meeting: Friday, 9/23, 10 am EDT**

## Hyperledger Firefly v1.1 for Web3, Blockchain apps

**Nicko Guyer - Senior Full Stack Engineer - Kaleido**

- simplify public and enterprise blockchain development
- connect across public chains
- complete stack to build, scale Web3 applications
- Build apps with Java, Node.js, GO
- create smart contracts with smart contract languages
- Works with Ethereum, Fabric, Corda and other chains
- Open source and Enterprise versions

For faster Web3 and Blockchain development - come see Firefly v1.1 !

Friday, 10 am EDT, August 12th

## Digital Asset & CBDC Legislation Trends - Jim Mason

Many countries and states are looking at options to regulate digital assets and CBDC ( Central Bank Digital Currencies ). In some cases, digital asset legislation is now law. Digital asset legislation may include: CBDC, cryptocurrencies, stable coins, NFTs ( Non-fungible tokens ) and other forms of digital assets as well as the exchanges, marketplaces, custodians and service providers where they are sold and traded. These bills and laws can have a major impact on how these digital assets are used, valued and traded now and in the future for investments, commerce and payments.

For each category of digital assets, we'll: define the asset type, use cases, privacy and key related legislation sections

Some of the legislation we'll cover includes:

- MICA - the Markets in Crypto Assets proposal passed by the European Parliament
- The State of Wyoming Digital Assets Legislation in force since 2019
- The US Executive Action on Responsible Development of Digital Assets ( March 9, 2022 )
- the US Lummis-Gillibrand Digital Assets Bill

Don't miss this session. Bring your questions and ideas.



**HYPERLEDGER MEETUP**  
Public Sector SIG

Review Digital Assets & CBDC Legislation Trends

We'll review Lummis-Gillibrand, Europe's MICA and related legislation

- Asset types: CBDC, cryptocurrencies, stable coins, NFTs
- Taxation of Digital Assets
- Securities and Commodities Innovation
- Consumer Protection
- Payments and Banking Innovation
- The US Order on Responsible Digital Assets Development

Jim Mason  
Group Leader  
Public Sector SIG

[Register here](#) | [Zoom Link](#) | Friday, August 12th 10 AM EDT

Join the discussion as we review the legislation and potential impacts

## Discussion - US CBDC and Project Lithium for security settlement

May 6, 2022 - 10 am EDT

<https://zoom.us/my/hyperledger.community?pwd=STZQd0xMZU9xRVVOVnpQM3JNQ2dqZz09>

Jim Mason

Initial discussion on US CBDC follow up from the US Executive Order ( March 2022 )

and Project Lithium looking at use of CBDC for securities settlement

## Public Sector Group Meeting Recordings

[Recordings - 2022](#)

[Recordings - 2021](#)

Older [Meeting Recordings](#)

## Public Sector Group Overview

### Leadership

**Jim Mason**, Blockchain Practice Leader, Sky Web Team & Paramount Software Solutions, [jmason900@yahoo.com](mailto:jmason900@yahoo.com)

Hyperledger Point of Contact: [Tomaz Sedej](#), Ecosystem Manager, Hyperledger, [tsedej@contractor.linuxfoundation.org](mailto:tsedej@contractor.linuxfoundation.org)

## Past Leadership

**Dr. Hanna C. Norberg**, Founder & CEO, TradeEconomista, [trade.economista@gmail.com](mailto:trade.economista@gmail.com)

**Saptarshi Choudhury**, Director Emerging Technologies, Paramount Software Solutions, [saptarshi@paramountsoft.net](mailto:saptarshi@paramountsoft.net)

**Please JOIN the mailing list here.**

## Hyperledger Apprentice Program - Apply Here by May 6th

Information about the Mentorship program here

[Hyperledger Mentorship Program](#)

Information on how to apply here

Full time is 3 months, Part time is 6 months

[How to Apply](#)

## Charter and FAQ

### Scope

The activities of the Public-SIG include:

- identifying related use cases, current pilots, and proofs of concept;
- sharing stories of successes, failures, opportunities, and challenges;
- exploring cross-cutting concerns like security, privacy, and identity in government contexts;
- identifying existing or needed common critical software components that would serve the particular needs of the public sector;
- identifying conferences or other opportunities to connect face to face, as well as submit talks or present as a group at an event.

This activity will be automatically recorded in email archives when conducted over the mailing list. When this activity is conducted in other media, it will be captured as notes or other formats and posted to the list (so it is archived), or possibly to the Hyperledger Wiki. This activity might also be turned into reports from the Special Interest group (recommendations to the rest of Hyperledger, for example) or other kinds of content (blog posts, content for publications, etc).

**The Public Sector SIG is prohibited from performing or engaging in any form of lobbying or attempts to influence government policy-making or regulatory processes. It is also not intended as a platform for procurement of services.**



### Work Products

The initial work product will be a set of documents which analyze the space of government and regulatory use cases for blockchain technology. This will be an inventory of example use cases which captures common government processes, which may suggest applications that are built or could be built using software being developed at Hyperledger. The public-sector-sig may also host in-person meetings intended to accelerate the Special Interest Group's mission.




### Communication Tools




- [public-sector-sig mailing list](#)
- [#public-sector-sig chat channel](#)
- <https://lists.hyperledger.org/g/public-sector-sig/calendar>



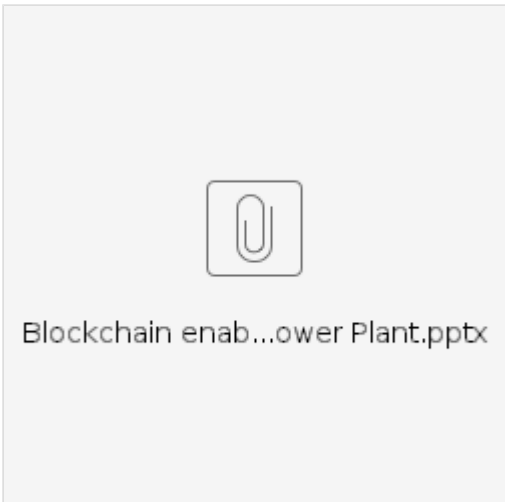
**Presentations and other resources:**

Euro pe	EU Blockc hain Observ atory a nd Forum/ Reports	 <p><b>EUBlockchain</b> Observatory and Forum</p> <h2>Reports</h2> <p>— The Observatory and Forum engages in analysis and reporting on a wide range of important blockchain themes, driven by the priorities of the European Commission, and based on input from its Working Groups and other stakeholders. To share these insights as they become available, we are creating a series of academic and thematic reports, which we will be collecting in our library below as they become available.</p>
Neth erla nds	The Legal Aspect s of Blockc hain UNOPS	 <p>LegalAspectsUN.pdf</p>
Dru mm ond Ree d / Sovr in Fou ndati on	Self Sovere ign Identity	<a href="#">zoom_0.mp4</a>



<p>Metr opoli s / UCL G (Unit ed Citie s and Loca l Gov ern ment</p>	<p>Blockc hain - A tool for Metrop olitan Gover nance</p>	<div data-bbox="289 136 852 636"><p>for metropolitan governance?</p></div>
<p>CER TH - The Cent re for Res earc h &amp; Tec hno logy, Hell as</p>	<p>Applic ations in Blockc hain</p>	<div data-bbox="293 741 794 1245"><p>CERTH-BC for PC WG.pdf</p></div>
<p>Age ncy for Digit al Italy</p>	<p>Transf orming Digital Gover nment</p>	<div data-bbox="293 1266 596 1570"><p>ItalyTran...ments.pdf</p></div>

General Hyperledger Presentation:	<ul style="list-style-type: none"> <li>• Overview of Tool and Frameworks</li> <li>• Guide to Getting Involved</li> </ul>	 <p>Hyperledger...tion.pptx</p>
The Legal Aspects of Blockchain	Topics include a general overview for policymakers on what is blockchain.	<a href="https://www.blockchainpilots.nl/home-eng">https://www.blockchainpilots.nl/home-eng</a> 
Blockchain Case Study - Smart Dubai	Paperless City	 <p>دبي الذكية SMART DUBAI</p>

Blockchain Industrial Alliance (Platform Dev)	Lessons from Blockchain adoption in the public sector of Uzbekistan. Based on the case studies Kindergarten Admissions & Education Certificates	 <p>Blockchain Industrial Alliance</p> <p>SERGEI SMALKOV @SMALKOV@PINKLE.CC</p>
Blockchain Industrial Alliance (Platform Dev)	Blockchain platform for the Public Sector of Uzbekistan: overview, questions and discussions.	 <p><a href="#">Description of the Platform</a>   <a href="#">Video Presentation</a>   <a href="#">Questions</a></p>
EnerBlock LLC	Blockchain enabled Virtual Power Plant for Distributed Energy Resources	

## Use Case Inventory

Project	Resources
Dr. Hanna C. Norberg Founder & CEO, Trade Economista Unlocking the Bottlenecks and Making the Global Supply Chain Transparent: How blockchain technology can update global trade	<a href="https://www.cgai.ca/unblocking_the_bottlenecks_and_making_the_global_supply_chain_transparent_how_blockchain_technology_can_update_global_trade">https://www.cgai.ca/unblocking_the_bottlenecks_and_making_the_global_supply_chain_transparent_how_blockchain_technology_can_update_global_trade</a>
DIGITAL TRUST project, British Columbia, Canada	<a href="#">DIGITAL TRUST project presentation</a>



1. Treat each other with [respect](#), professionalism, fairness, and sensitivity to our many differences and strengths, including in situations of high pressure and urgency.
2. Never [harass](#) or [bully](#) anyone verbally, physically or [sexually](#).
3. Never [discriminate](#) on the basis of personal characteristics or group membership.
4. Communicate constructively and avoid [demeaning](#) or [insulting](#) behavior or language.

## Recent space activity



[Jim Mason](#)

[Public Sector SIG](#) updated Apr 18, 2024 [view change](#)

[Hyperledger BCEmploy 2024 Career Fair](#) updated Apr 18, 2024 [view change](#)



[John Carpenter](#)

[Hyperledger BCEmploy 2024 Career Fair](#) updated Apr 09, 2024 [view change](#)



[Jim Mason](#)

[Where did Web3 Go?](#) updated Mar 01, 2024 [view change](#)

[Trust - is it important?](#) updated Feb 23, 2024 [view change](#)

## Space contributors

- [Jim Mason](#) (5 days ago)
- [John Carpenter](#) (14 days ago)
- [Ben Thomas](#) (238 days ago)
- [Ry Jones](#) (319 days ago)
- [Karen Ottoni](#) (621 days ago)
- ...