



IoP Alliance Technical Coordinator

Purpose

The COVID pandemic has revealed how fragile and inefficient the global manufacturing paradigm and supply chain are in emergency situations. What if we could manufacture PPE, medical devices, or anything, locally anywhere? What if we reimagined manufacturing?

Given the current and emerging technology we have today, what would production look like if we reconfigured it from scratch? We believe the answer lies in sustainable, globally networked, local manufacturing. Join us and be part of the future of manufacturing!

Context

Our mission

The Internet of Production Alliance (“IoP Alliance”) brings together people from around the world to build open infrastructures enabling anyone, everywhere to participate in production.

Our vision

We believe that the future of production lies in decentralized manufacturing based on shared knowledge, allowing us to deliver products faster, made from locally sourced materials and with less ecological impact.

Who we are

We are global Alliance of people and organizations building the knowledge and tools to enable this future. And we want you to join us.

Project description:

Since its launch in 2018, the IOP Alliance has released 2 open data standards, part of a series of 5. Open Know-Where (“OKW”) and Open Know-How (“OKH”) were created by the IOP Alliance working groups, constituted as a network of individuals and organisations working together voluntarily within a light coordination structure.

The next 2 years will see a great leap for the Alliance: the first dedicated team is being hired, a foundation is being registered, work on 3 further standards will begin, and ambitious goals of growing the membership of the IOP Alliance and the adoption of OKH and OKW have been set.

Commitment: part-time at 50%.

Depending on further funding, the % can be increased.

Responsible to: the role reports to the Alliance Council with the Chair of the Alliance acting as line manager.

Responsible for: technical supervisor of 2 Standards Specialists, Consultants and any other technical personnel.



Responsibilities

Prioritisation & Project Management:

- Technical Strategy including managing the technology roadmap for the Alliance
- Ensuring coherence between the five families of Alliance standards
- Guiding the design of working groups to ensure the optimal make-up of expertise
- Insight into the direction of Alliance projects, including evaluating and providing recommendations to the Standards Specialists in their support of the working groups and guidance and assessment of the consultants
- Participation in HR processes (recruitment, TORs, targets) for Standards Specialists and Consultants
- Input into project design and development, including writing of technical elements of funding bids, helping to defining fundraising priorities with the fundraising task force and support to project reporting processes

Engagement & Advocacy

- Engage with other expert level communities, including to support scoping and consultation activities
- Representation in expert level events (conferences) on behalf of Alliance working groups
- Clear communication of technical ideas and issues
- Identification of potential stakeholders in relevant sectors

Adoption & Technical Issues

- Analysis of Open Hardware and hardware landscape, existing initiatives and communities
- Recommendations on technical details, relating to adoption of Alliance standards in particular
- Support and advice to the development of tools and integrations using the Alliance standards
- Monitoring and evaluating the technical performance of Alliance standards

Person Specification:

- Experienced professional that has previously held senior technical responsibilities (such as CTO roles)
- At least 5 years' experience working in standards development and adoption
- Extensive experience in facilitating technical communities and community decision making
- Track record in open source initiatives, ideally including in Open Hardware and related issues
- Strong networks in Open Hardware, the manufacturing sector and the maker movement is highly desirable
- Good interpersonal and team engagement skills
- Diligent with strong attention to detail combined with strategic thinking
- Highly motivated self-starter with a passion for innovation, transformational change, ecosystem development



- Experience of manufacturing and supply chain issues in international settings a significant benefit
- High standards of written and spoken English (other languages highly desirable)

Resources:

If you are interested in knowing more about the Alliance, please check out the links below.

- IoP Alliance website: www.internetofproduction.org
- OKH: www.internetofproduction.org/open-know-how
- OKW: www.internetofproduction.org/open-know-where
- Field Ready's blog post on OKW: www.fieldready.org/post/now-they-ll-know-where

Application Process

- The closing date for submitting applications for this job is Monday 26th July at 12 PM UTC.
- Interviews will commence on 26 July 2021.
- Applications should include:
 - A cover letter discussing how you fulfil the profile criteria and your relevant skills/experience
 - A CV/resume including 2 references
- Please send your application to: info@internetofproduction.org

Salary

- This will be a temporary contract. Field Ready is acting as the fiscal sponsor for this project funded by the Alfred P. Sloan Foundation. This role does not work for Field Ready, this is a temporary contract arrangement until Internet of Production Foundation is established.