



## **IoP Alliance Open Know-How Specialist**

### **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:** full-time at 100%

**Responsible to:** the Open Know-How working group through the working group chair, and the role reports to and is managed by the Alliance Coordinator.

### **Responsibilities**

- Provide support to stakeholders wanting to adopt the discoverability standard



- Provide a technical 'help-desk' funding for stakeholders using and adopting the discoverability standard
- Where needed, provide hands-on programming assistance or manifest writing support to stakeholders
- Secretariat work for the maintenance of the discoverability standard, including consolidation of proposals for changes, analysis of proposals and corresponding research, convening of the maintenance committee for review of proposals, coordination of updates to the standard and publication using appropriate conventions
- Conduct relevant technical or stakeholder research, upon request, to support the maintenance committee
- Promote the discoverability standard
- Support in developing communications materials such as presentations, brochures, guides
- Participate in meetings of new Open Know-How standard(s) and provide facilitation support where needed.

### **Person Specification:**

We are committed to building a diverse team and strongly encourage application from all genders and all regions of the world.

- Computer Science degree, or similar
- Excellent communications and coordination skills
- Diligent with strong attention to detail
- Positive attitude with ability to encourage others
- Highly motivated self-starter with a passion for innovation, good documentation and quality
- Experience of maker movement and Open Hardware issues a significant benefit
- Creativity and graphic design skills (including experience of social media in a professional setting) helpful
- Excellent 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](http://www.internetofproduction.org)
- OKH: [www.internetofproduction.org/open-know-how](http://www.internetofproduction.org/open-know-how)
- OKW: [www.internetofproduction.org/open-know-where](http://www.internetofproduction.org/open-know-where)
- Field Ready's blog post on OKW: [www.fieldready.org/post/now-they-ll-know-where](http://www.fieldready.org/post/now-they-ll-know-where)

### **Application Process**

- The closing date for submitting applications for this job is Sunday 8<sup>th</sup> August at 12 PM UTC.
- Interviews will commence on 9 August 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](mailto:info@internetofproduction.org)

### **Salary**

- 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, the contract may be transferred once an Internet of Production Foundation is established.
- 100% at 1000 USD per month