



IoP Alliance Open Know-Where 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%

Depending on further funding, the % can be increased.

Line Management: the OKH specialist reports to the OKH working group, with the IoP Alliance Technical Coordinator, coordinator/chair of the alliance acting as line manager

Responsibilities

- Manage and create contents for Communication channels: Email, Slack, whatsapp, website



- Manage communication of OKW
- Maintain a list of implementations, mapping initiative that are using Open Know-Where, who is doing what and where
- Liaise with other communities and organisations
- Advocate it across sectors
- Create data standard spreadsheet template, presentation desk introducing and summarising Open Know-Where
- Coordinate the process of the awards for data-sets
- Maintenance of the OKH standard: consolidation of proposals for changes and improvements of the standard, analysis of the proposals and corresponding research, convening of the maintenance committee for review of the proposals, based on decisions for each proposal, update of the standard and publication following appropriate versioning conventions
- Research upon request by maintenance committee

Person Specification:

- Geoinformatics or Computer Science degree, or similar
- At least 2 years' experience managing data systems in a professional setting preferably using open-source tools
- 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, mapping and computing
- 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
- 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:

www.internetofproduction.org • [@IoP_Alliance](https://twitter.com/IoP_Alliance) • info@internetofproduction.org



- 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.
- 100% at 1000 USD per month.