

Open Know-Where Launch



Internet of Production
Alliance



@openknowwhere





Barbara Schack

Internet of Production Alliance
Coordinator

@IoP_Alliance
@openknowwhere

Welcome

Local Manufacturing is Going Global!

Speakers



Barbara Schack
Internet of Production Alliance



Anna Sera Lowe
Manufacturing Change
& IoP Alliance Council Member



Tom Bartley
Founder



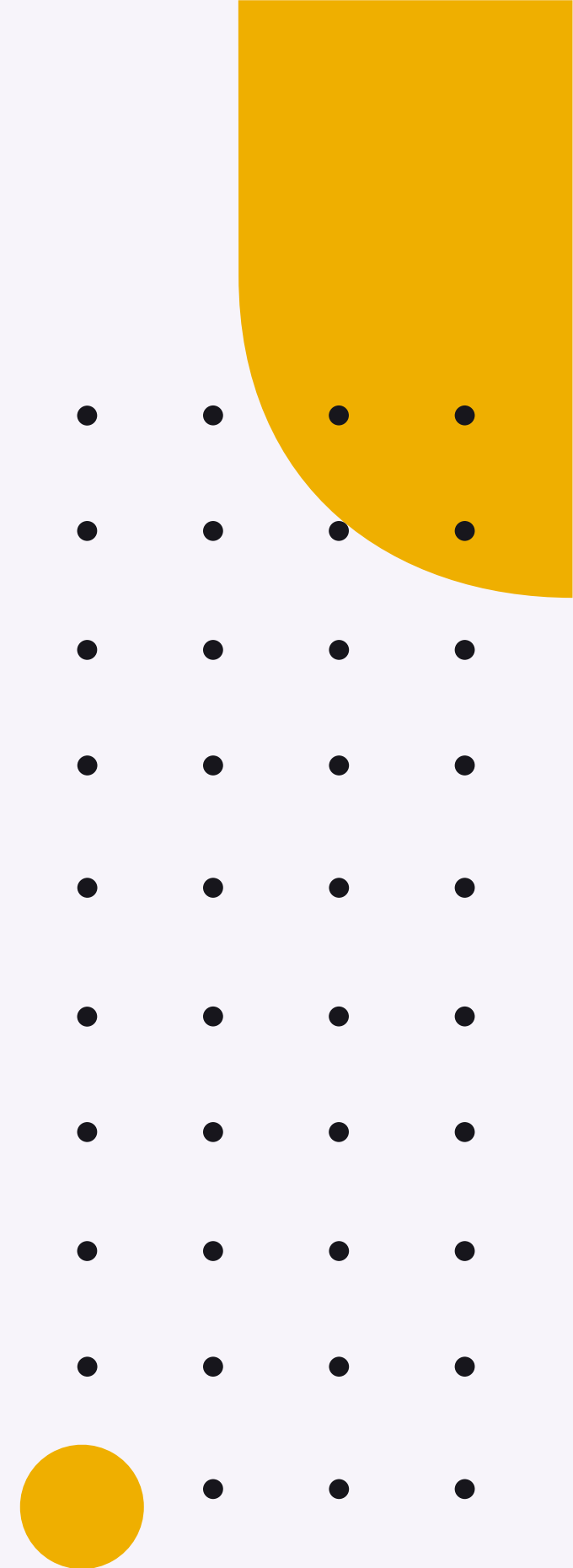
Deogratias Kiggudde
Country Manager - Uganda



Andrew Lamb
Innovation Lead - Global
& IoP Alliance Council Member



Karien Bezuidenhout
Director





Agenda



- 1 Welcome & Introduction**
Barbara Schack
- 2 Open Know-Where Standard**
Anna Lowe & Tom Bartley
- 3 Use Case: Uganda**
Deogratias Kiggudde
- 4 Open Know-Where next steps**
Andrew Lamb
- 5 Vote of Thanks, Note of Encouragement**
Karien Bezuidenhout
- 6 What's next, Q&A**

Open Know-Where



Anna Sera Lowe

Founder
& IoP Alliance
Council Member

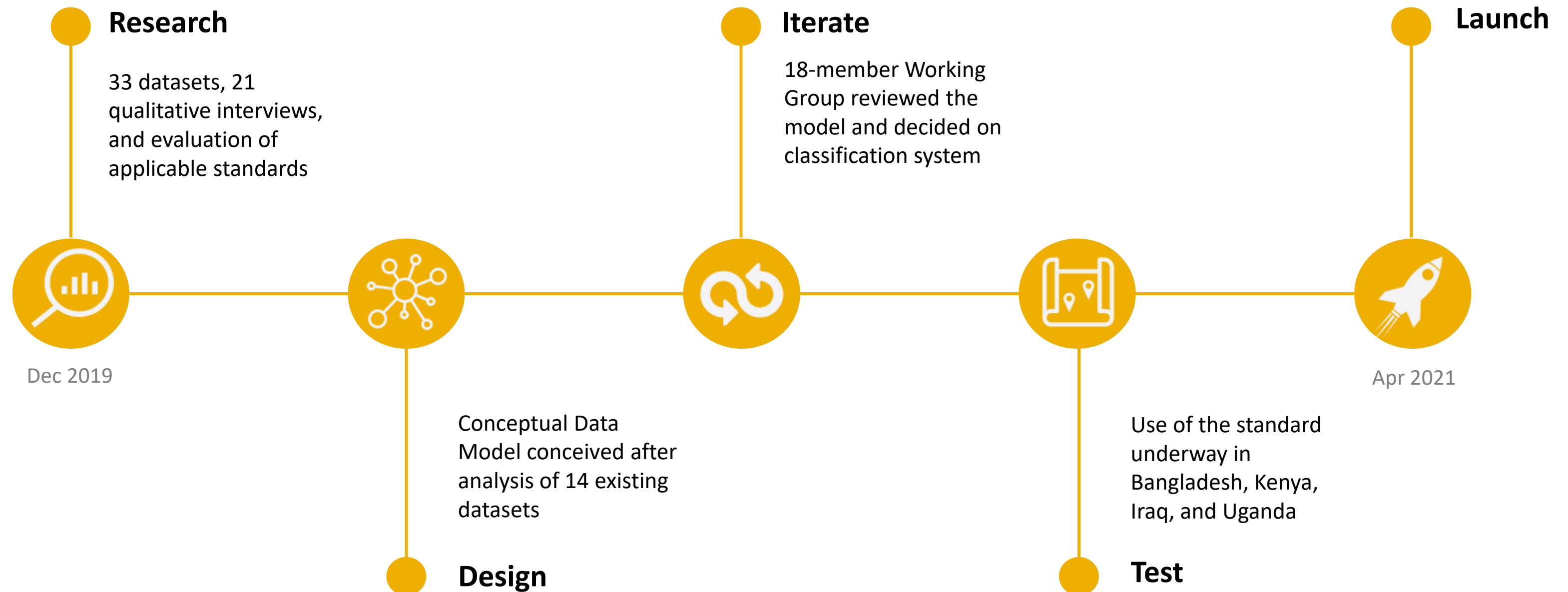
@annawillcreate

What kind of standard?

- Open ... even if the data isn't
- Widely Applicable
 - Context
 - Purpose
 - Privacy concerns
- Extensible



Developing the OKW Standard



Open Know-Where



Tom Barbal

Founder

@barbal_co



Deogratias Kiggudde

Project Manager of HOT Uganda

@hotosm_uganda

Use Case: Uganda



Humanitarian
OpenStreetMap
Team



Hi,
I'm

Kiggudde Deogratus

HOT Country Manager, Uganda

Who We Are

The **Humanitarian OpenStreetMap Team (HOT)** is an international team dedicated to humanitarian action and community development through open mapping. We work together to provide map data which revolutionizes disaster management, reduces risks, and contributes to achievement of the Sustainable Development Goals

What We Do

MAPPING & TRAINING

Remote disaster activations and field deployments to train, build capacity, map for most complex challenges

PEOPLE & COMMUNITY

Building the HOT global network, development of mapping communities & peer to peer knowledge exchange

TECH INNOVATION

A home for leading free and open source humanitarian map/geodata tools

PARTNERSHIPS

Relationships with NGOs, multi-laterals, donors, private sector, tech industry, and academia in support of all pillars





HOT

MISSION:

WE MAP EACH CORNER OF THE WORLD SO NO ONE IS LEFT BEHIND

To be on a map is to be acknowledged, to be known, to be recognized, to be counted. It is for the world to know that you are there and that you have needs, you have rights, and you exist.

GCC - Field Ready Protecting the Frontline (PtF)- Local Manufacturers Mapping Manufacturing

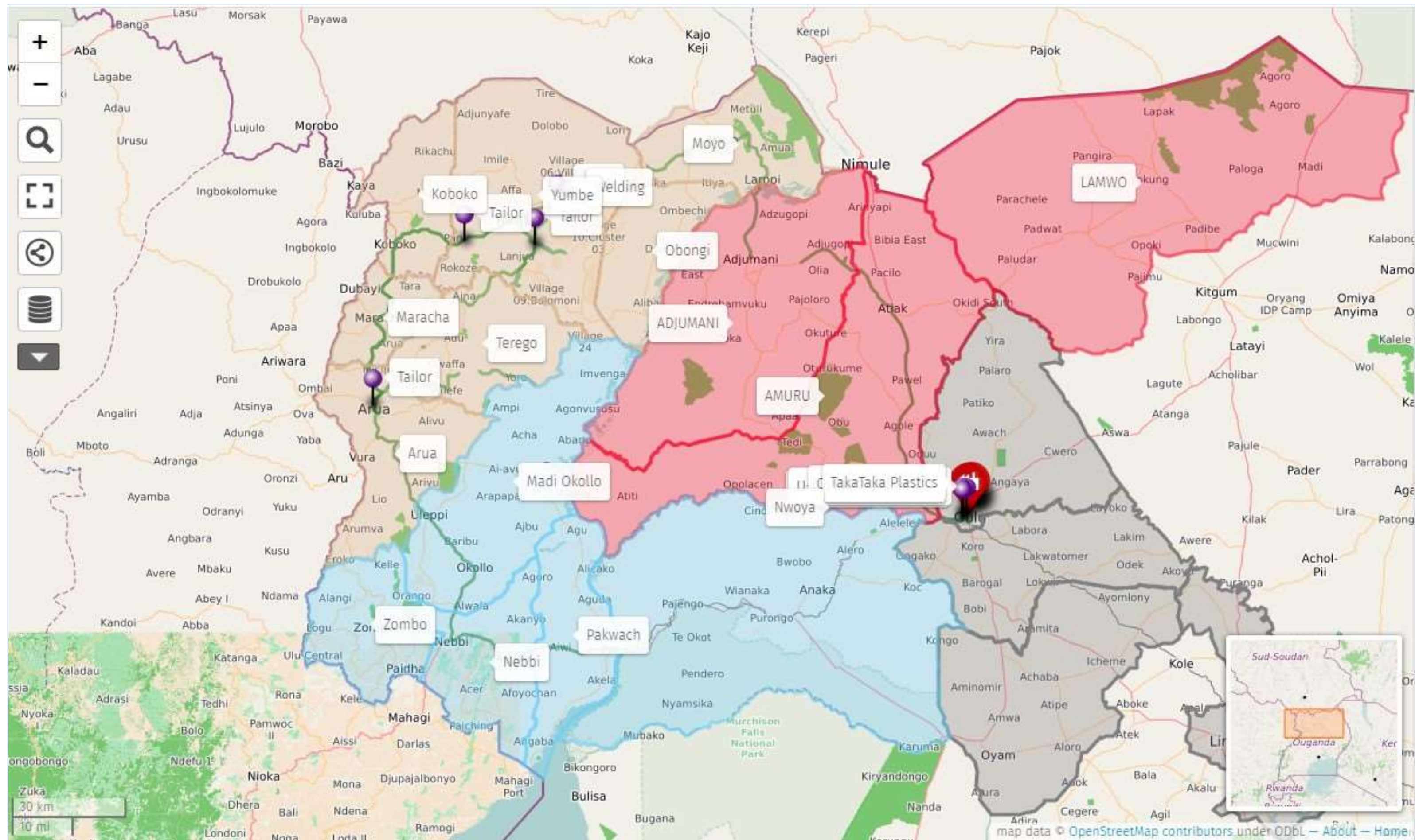


Humanitarian
OpenStreetMap
Team





- **Palabeck, BididBidi and Rhino refugee settlements**



Open Know Where Data model- ODK/Kobo

4/27/2021

GGC_Field_Ready_Form_v1.0

Specify other.

The size or floor size of a manufacturing facility.
In Square Metres (sqm)

What are some of the major materials you using at this facility?

Storage Capacity of the manufacturing facility.

Certifications obtained by the facility.

Do you have a back up generator?

☐ Yes

☐ No

Do you have uninterrupted power supply?

☐ Yes

☐ No

Whether a manufacturing facility has road access.

☐ Yes

☐ No

Whether a manufacturing facility has a loading dock.

☐ Yes

☐ No

The maintenance schedule of a manufacturing facility.

Typical products produced by the facility.
List them by separating with a comma.

The Agent which partners or funds the facility.

Customer reviews of the facility.

<https://kobo.humanitarianresponse.info/Wforms/acs8qDmiLOBMvSaMRvsEgq/landing>

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4/27/2021

GGC_Field_Ready_Form_v1.0

Postcode

Please record GPS coordinates of this facility

latitude (x,y *)

longitude (x,y *)

altitude (m)

accuracy (m)

Owner
An Agent who owns or manages the facility

Phone Number
0777786534 of an Agent who is the contact for enquiries about making.

Affiliation
The Agent(s) who the manufacturing facility is affiliated with. An affiliation can be used to define the facility type, for example an affiliation with FabLabs.org implies that the facility is a FabLab

Facility Status

Status of the facility

☐ Active

☐ Planned

☐ Temporary Closure

<https://kobo.humanitarianresponse.info/Wforms/acs8qDmiLOBMvSaMRvsEgq/landing>

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4/27/2021

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What are the facility operational hours?

☐ Business Hours

☐ 24/7

☐ Other

Specify other.

Please describe what the facility does.

Which Year was the facility founded?

yyyy-mm

Access Type

How is the manufacturing equipment accessed?

☐ Restricted

☐ Restricted with Public Hours

☐ Shared Space

☐ Public

☐ Membership

Does the facility support Wheelchair accessibility?

☐ Yes

☐ No

The equipment available for use at the manufacturing facility.

Manufacturing Process

What is your typical batch size output?

☐ 0 - 50 Units

☐ 50 - 500 Units

☐ 500 - 5000 Units

☐ 5000+ Units

☐ Other

<https://kobo.humanitarianresponse.info/Wforms/acs8qDmiLOBMvSaMRvsEgq/landing>

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Partnerships

Uganda Manufacturers Association.

TakaTaka Plastics.

Community
Technology
Empowerment
Network. (CTEN)

Youth Empowerment
Foundation. (YEF)

Youth Social Advocacy
Team.(YSAT)

Kulika





Thanks





Andrew Lamb

Internet of Production Alliance Chair
& Innovation Lead, Global @FldRdy

@andrewlamb

OKW Next Steps

Steps

- Communications materials
- Adoption support
- Translation

System

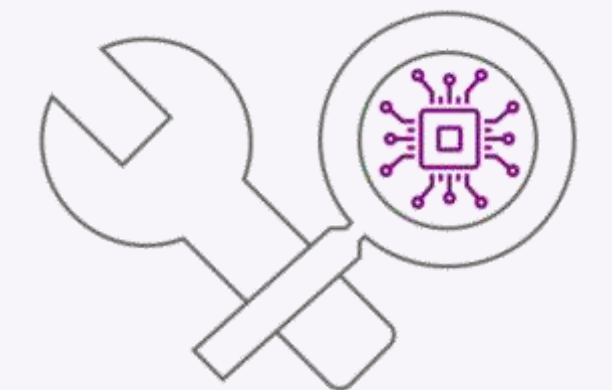
- Setting-up
- APIs

Sharing data

- Map to existing data systems
- Primary data collection

Standards working together...

- Documentation (Open Know-How)
- Machines & Tools (Open Know-Where)
- Skills & People
- Materials & Components
- Contracts & Business Models





Karien Bezuidenhout

Director

@ShuttleworthFdn

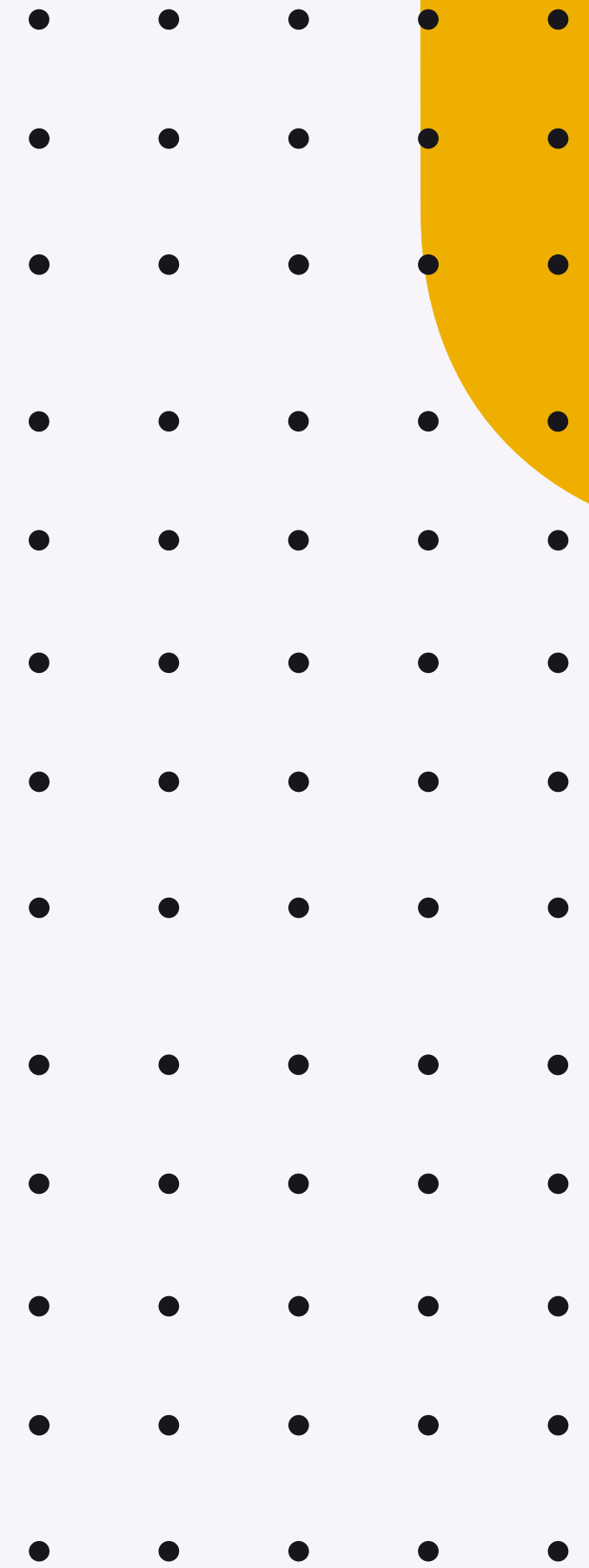
Vote of Thanks & Note of Encouragement

What's Next?

www.openknowwhere.org

- ✓ Sign up for our email list at www.internetofproduction.org
- ✓ Book a meeting!
- ✓ Tell us about your data!
- ✓ Want support from us to adopt the standard? Get in touch!
- ✓ Join a working group: adoption, sector-specific use-guides (humanitarian settings, maker-spaces, university, ...)

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Q&A

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