



## Interview questions: Humanitarian Making Ecosystem Study

<b>Interviewee</b>		<b>Interviewer</b>	
<b>Position</b>		<b>Date &amp; Time</b>	
<b>Organisation</b>			

We would like to invite you to participate in a research project to understand the current state of the 'Humanitarian Making' ecosystem, and to map how it has developed over the past ten years. The purpose of the research is to provide a baseline (as both an ecosystem map and timeline) for the (postponed!) first-ever conference on Humanitarian Making, which is planned for the fall of 2020 or spring 2021 in Toulouse, as travel restrictions permit. The research is commissioned by Field Ready and supported by the Shuttleworth Foundation. It is being undertaken by Ian Gray of the University of Exeter and Gray Dot Catalyst.

The research team will:

1. Carry out a literature review (including grey literature),
2. Interview key informants,
3. Survey humanitarian makers and organisations in the humanitarian making ecosystem.

Through this research, we want to achieve the following:

1. Develop a comprehensive list of humanitarian organisations engaged in humanitarian making;
2. Create a timeline of how the ecosystem has developed over the past 10 years;
3. Analyse the strengths and weaknesses of the ecosystem, as well as any gaps;
4. Provide insights and recommendations for discussion at the conference on preferred futures for the ecosystem.

These are ambitious aims for a small research project. We will only be successful if we are able to elicit the support and involvement of other organisations in the humanitarian making ecosystem. We are grateful for your support!

### About Humanitarian Making

Humanitarian Making is an emerging community of aid agencies that are developing projects and programmes that use local manufacturing, digital fabrication, FabLabs and makerspaces in disaster relief and development activities. An early website is being developed at [www.humanitarianmaking.org](http://www.humanitarianmaking.org).

Technologies or techniques that these aid agencies might be using include 'making', working with 'makers', open hardware designs, 3D scanning, 3D printing, laser-cutting, CNC, digital design file sharing platforms, local fabrication, engaging local manufacturers, rapid prototyping, etc.

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## Interview Plan / Script

### Process and expectations

- We are carrying out key stakeholder interviews, of which this is one, with people we believe have experience in 'humanitarian making'.
- We will produce a report by end of the year, which will be shared with you.
- The report will inform the Humanitarian Making conference planned for late 2020 or early 2021.
- Would you be open to being contacted again to follow up on anything in your interview (e.g. for a case study)?

### Ethics & Confidentiality

This interview process conforms to the ethical guidelines and best practices of the Belmont Report to ensure (1) respect for persons, (2) beneficence, and (3) justice.

The interview is confidential. If we would like to publish any of your comments, we will ask your permission beforehand. Please confirm if you consent to the following:

- a. Are you willing to proceed with being interviewed? (Your participation is of course entirely voluntary.) *Yes/No (delete as appropriate)*
- b. The interview to be recorded for the purposes of transcription and analysis only. Is this ok with you? *Yes/No (delete as appropriate)*
- c. If the project team wishes to follow up with you on anything you say, are you willing to be contacted again in the future? *Yes/No (delete as appropriate)*
- d. We will ask if we want to quote you when we write up the report.

### Interview Questions (recorded section of interview, if approval is granted)

**Question 1:** What involvement have you had with 'humanitarian making' – covering: making, local manufacturing, perhaps using makerspaces or FabLabs – in a development or humanitarian programming context. Defined by who set up, type of programme, etc?

**Question 2:** Can you provide us with details of humanitarian making projects that aid agencies have been involved in? This can be from your own organisation or other organisations' projects you are aware of.

a) What you are aware of; b) where we might find other documented case studies?

Country	Organisation	Date/s	Sector	Maker tech used	What was created?	How was it funded?

**Question 3:** How/where does your organisation create/access maker product designs (e.g. 3D files)? Do you share or publish what you or your teams/makers create? If so, where?

**Question 4:** What factors drive the decision to use maker technologies in humanitarian responses or development programming? Examples: Is the greening of supply chains part of this? Could it be an agenda around innovation? Is there funding available?

**Question 5:** Maker technologies have the potential to supplement existing humanitarian organisations' work, approaches and systems – or to transform them entirely. For example, maker technologies might add to an existing child protection project or complement an existing supply chain – or they may be totally new way of doing things. Do you have examples from your own experience of either of these happening (or that you are aware of)?

**Question 6:** What factors drive the decision to either support existing work or to aim at transformation? If you have sought to support existing work, what was the experience like? Particularly in regards to procurement processes?

**Question 7:** The humanitarian making ecosystem has developed significantly over the last 5 years. What do you think are: a) The most significant changes that have been made? b) The biggest gaps that still remain?