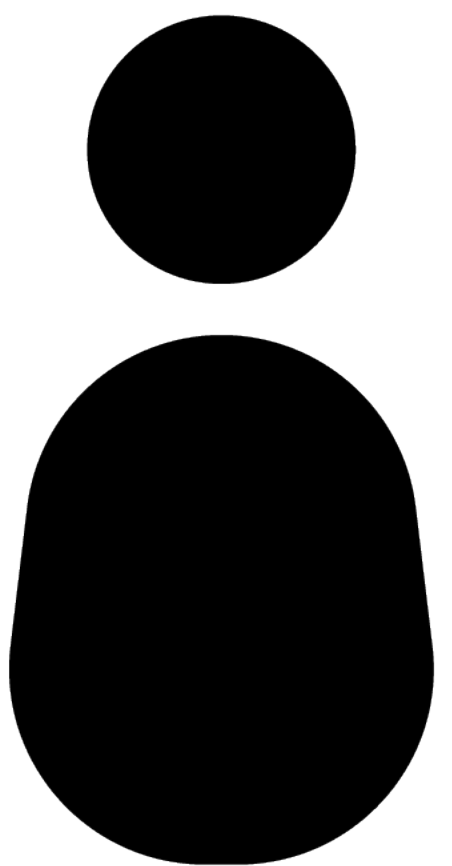
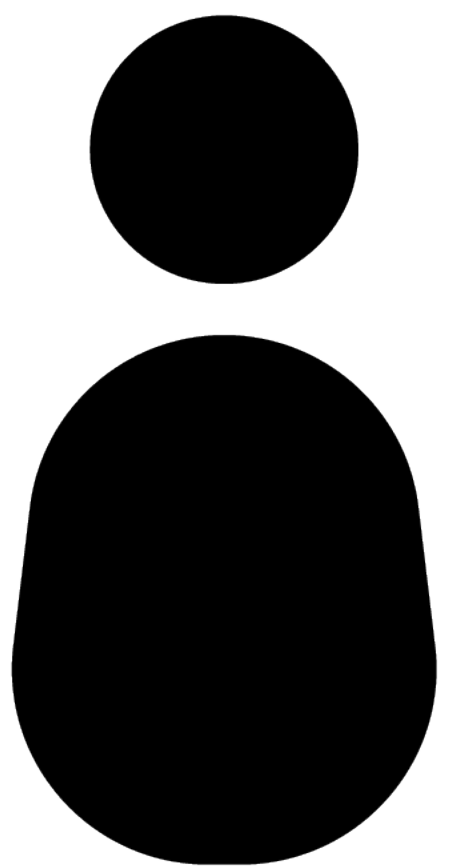
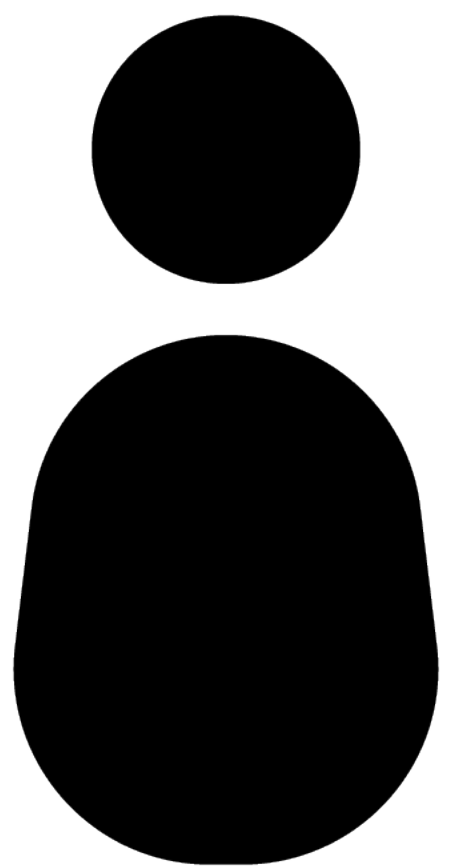
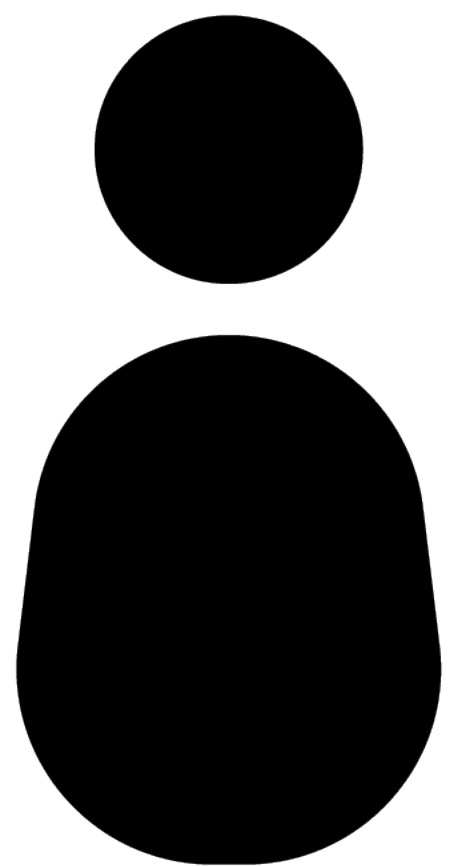
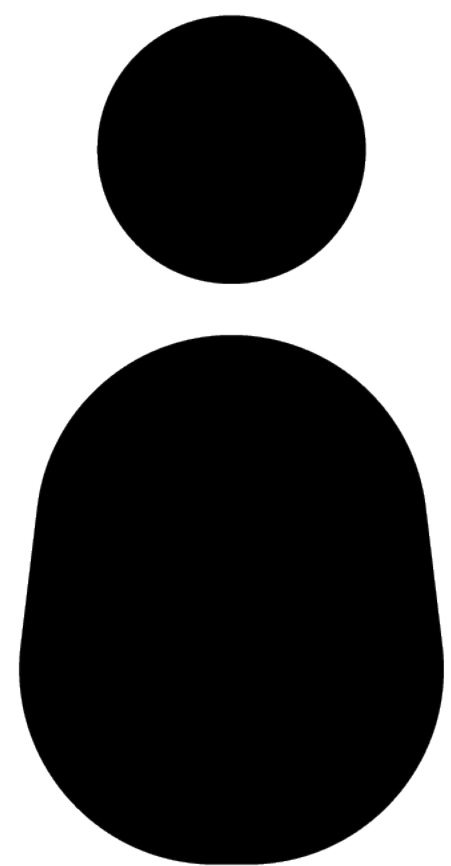


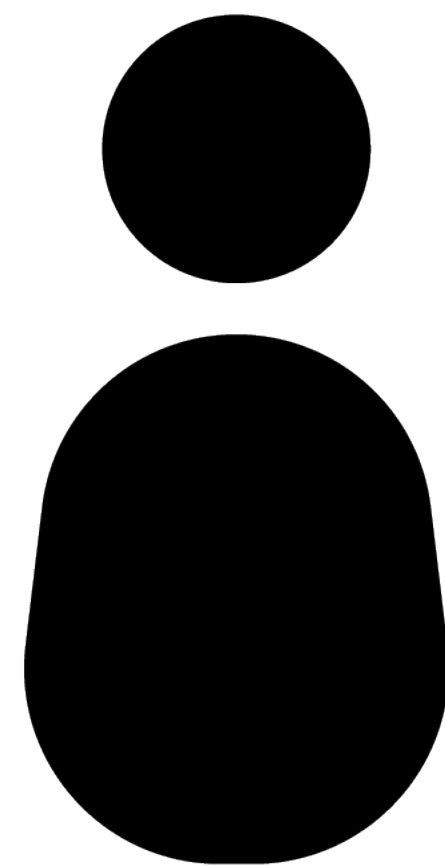
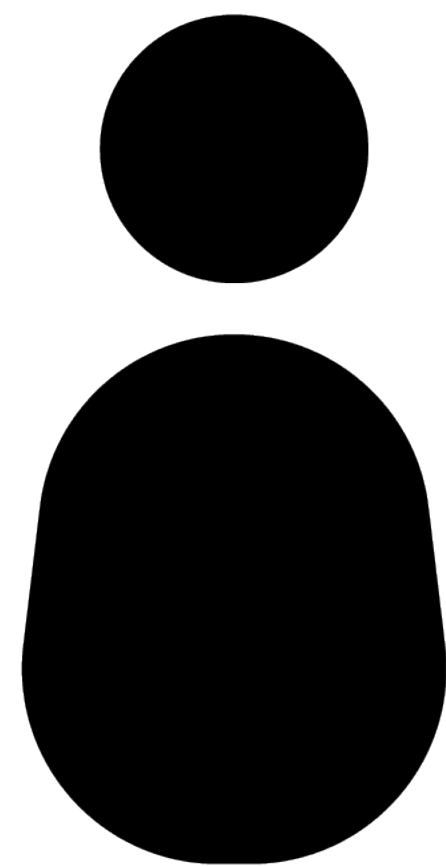
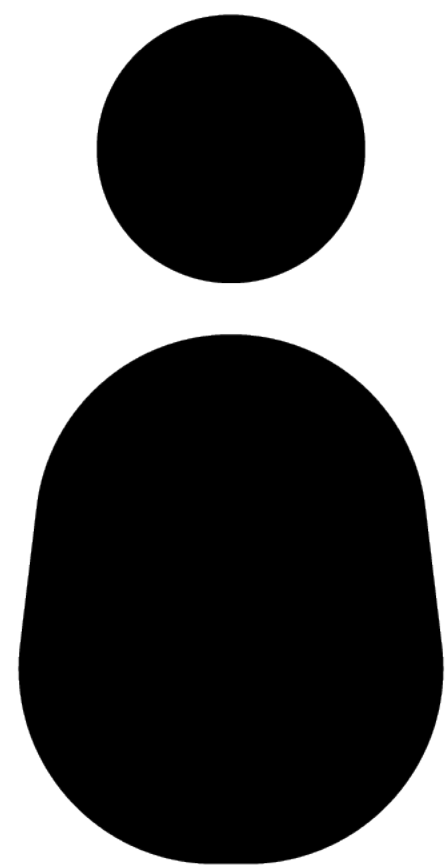
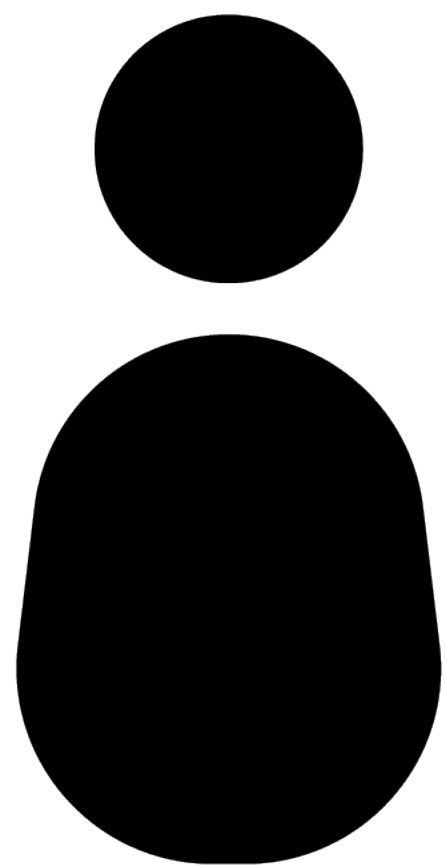
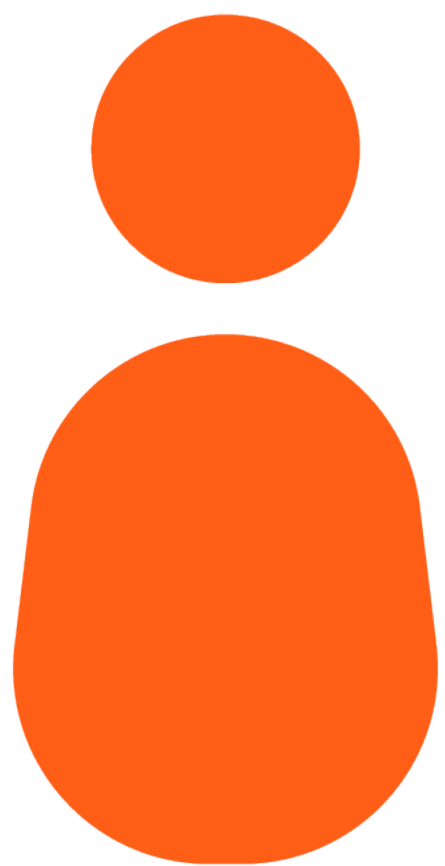
Designing accessible research workflows

Phil Hesketh, Founder















Research ops needs to provide researchers with an informed framework for conducting research that is **safe, legal and **ethical**.**

- From the [Research Ops Framework](#)

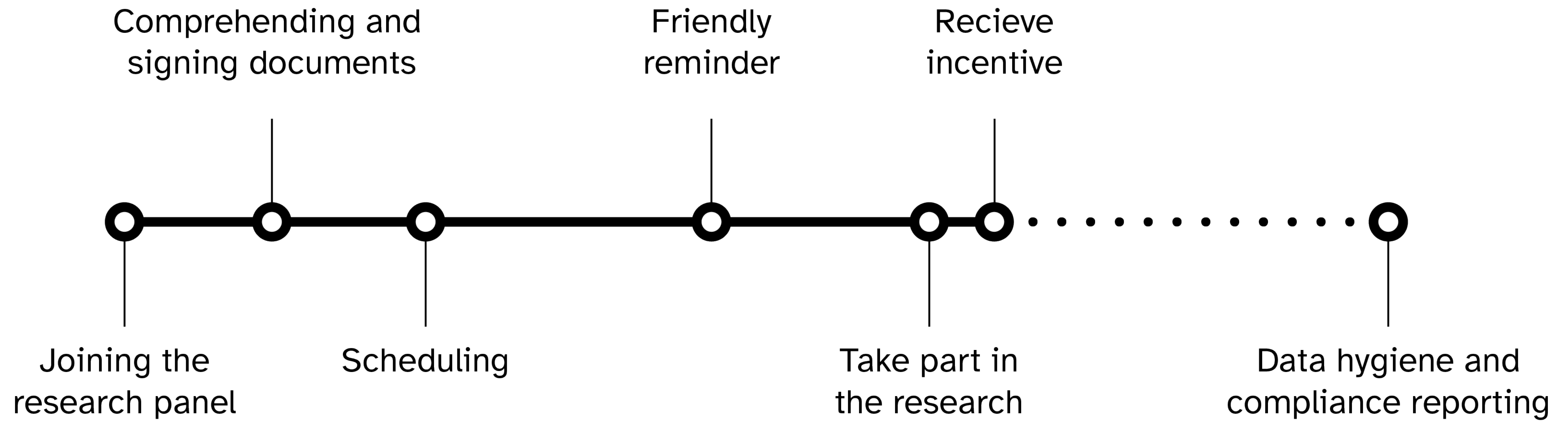
Accessibility calls for

- ✓ Knowledge of users and their needs
- ✓ A technical understanding of how information is presented
- ✓ The ability to communicate clearly and concisely

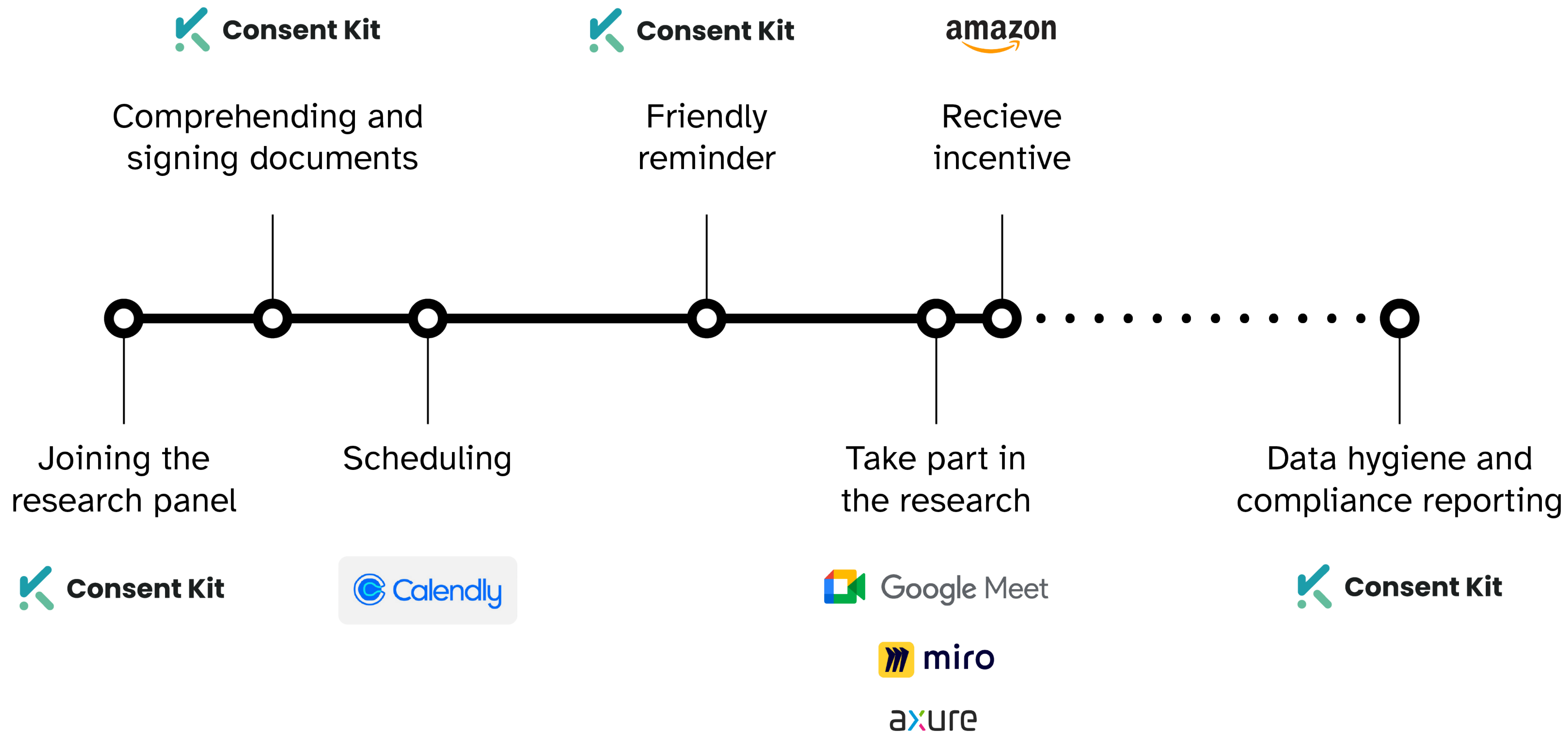
Getting started

Step 1: Getting started

- ✔ Define the scope for the work
- ✔ Understand the steps in the process in question
- ✔ Set up to work collaboratively with other disciplines



**What does good
look like?**



4 Principles of WCAG 2.1

- ✓ Perceivable
- ✓ Operable
- ✓ Understandable
- ✓ Robust

Different ways people interact with content

- ✔ Use a keyboard instead of a mouse
- ✔ Change browser settings to make content easier to read
- ✔ Use a screen reader
- ✔ Use a magnifier to enlarge all or part of the screen
- ✔ Use voice commands to navigate

Step		Home Screen		Create new project	
Checklist					
<u>(Links to some helpful tools)</u>					
1.1.1 – Non-text Content	Provide text alternatives for non-text content	Passed	Help centre image has no alt text	Passed	5 images text (icon
1.2.1 – Audio-only and Video-only (Pre-r	Provide an alternative to video-only and audio-only content	Failed	Change the header in the Create a project modal window	Not applicabl	
1.2.2 – Captions (Pre-recorded)	Provide captions for videos with audio	Passed		Not applicabl	
1.2.3 – Audio description or Media Altern	Video with an audio has a second alternative	Not applicable		Not applicabl	
1.3.1 – Info and Relationships	Logical structures	Passed		Failed	Should t
1.3.2 – Meaningful Sequence	Present content in a meaningful order	Passed		Unknown	
1.3.3 – Sensory Characteristics	Use more than one sense for instructions	Not applicable		Not applicabl	
1.4.1 – Use of Colour	Don't use presentation that relies solely on	Passed		Passed	
1.4.2 – Audio Control	Don't play audio automatically	Not applicable		Not applicabl	
2.1.1 – Keyboard	Accessible by keyboard only	Passed	Links to project doesn't have a focus state when tabbed onto it	Failed	No acce "Cancel" buttons v - event t selected
2.1.2 – No Keyboard Trap	Don't trap keyboard users	Passed		Failed	Users ca step or c
2.1.4 – Character Key Shortcuts	Do not use single key shortcuts or provide a way to turn them off or change them	Passed		Passed	
2.2.1 – Timing Adjustable	Time limits have user controls	Not applicable		Not applicabl	
2.2.2 – Pause, Stop, Hide	Provide user controls for moving content	Not applicable		Not applicabl	



Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Tables and lists — These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

▲ Lists do not contain only `` elements and script supporting elements (`<script>` and `<template>`). ▼

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. ▼
Learn more in our guide on [conducting an accessibility review](#).

Passed audits (22) ▼

Not applicable (21) ▼

Creating a plan

High effort

Perceivable

Operable

Understandable

Robust

Add to backlog

Semantic page structure

Resolve keyboard traps

Alert of system changes

Low effort

Quick wins / JFDI

Missing alt text

Colour contrast issues

Add skip to content links

Missing page headers





Add missing field labels

Activity page title

Contact Phil Hesketh if you would like a personal tour of this board at phil@consentkit.com

- ✔ Use frames left to right
- ✔ Screen readers will read frames in the order you create them
- ✔ Make sure frames don't overlap

What elements can we use?

 it's safe to use  Sticky notes   (emojis) And text

1. Accessible workshop guidelines























Accessible workshop guidelines

Accessible workshops

Contact Phil Hesketh if you would like a personal tour of this board at phil@consentkit.com

Use frames to structure content

- ✔ Use frames left to right
- ✔ Make sure your frame fills the viewport
- ✔ Check the order they appear in the "Frames" view
- ✔ Make sure frames don't overlap

What elements are screen reader safe?

Sticky notes



  (emojis) And text

Checking our work



One in Five

[Get your report](#) [About](#) [Blog](#)

Feel good knowing your product is accessible

(without having to explain why it matters, again.)

Get a crystal clear report on the accessibility issues for your product, in just 5 days.

[Get your report](#)



"One in Five's report not only gave us a clear direction, but it educated the team on why accessibility matters"

Charles Burdett - Product Club



"One in Five gave us clear and actionable changes in supporting accessible consent forms for all research participants"

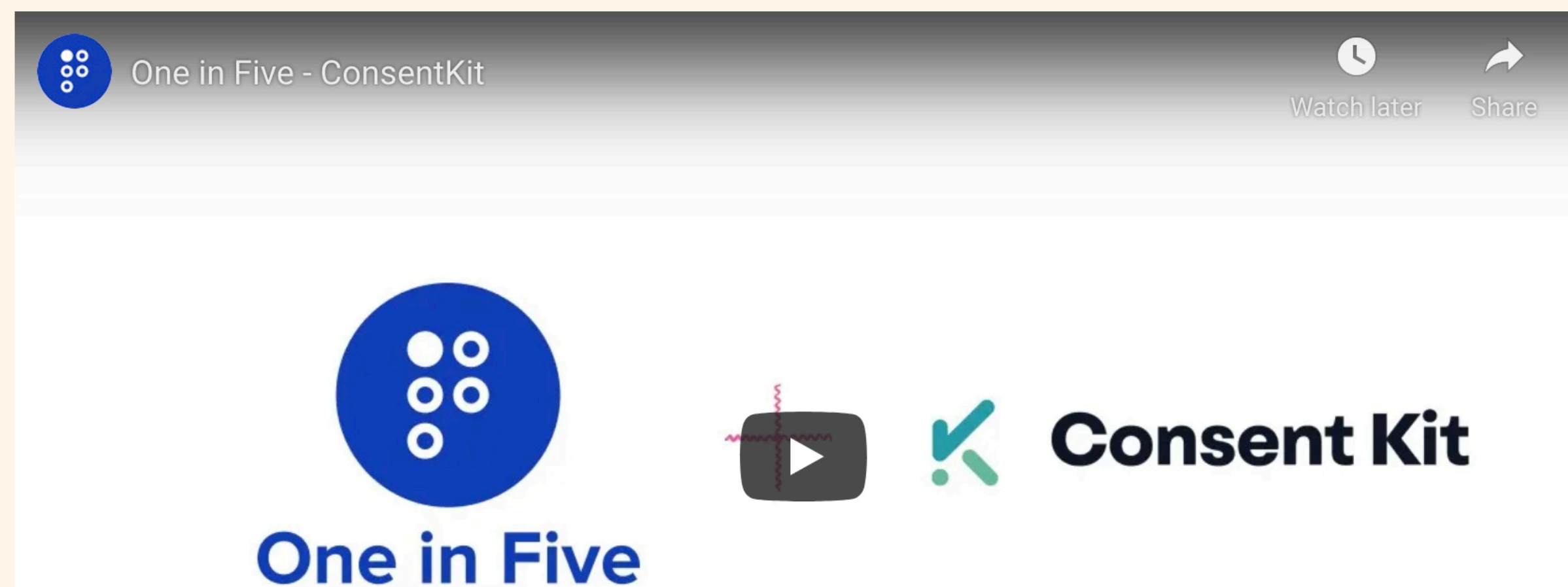
Aimee Tasker - Service designer

13 Feb 2021

Consent kit: Consent form to sign journey

Test journey and highlights video

Highlights video



The journey tested

1. we send you a consent form to sign
2. you open it and try to understand the contents
3. you try to select applicable options
4. you give or refuse consent
5. You submit your permissions

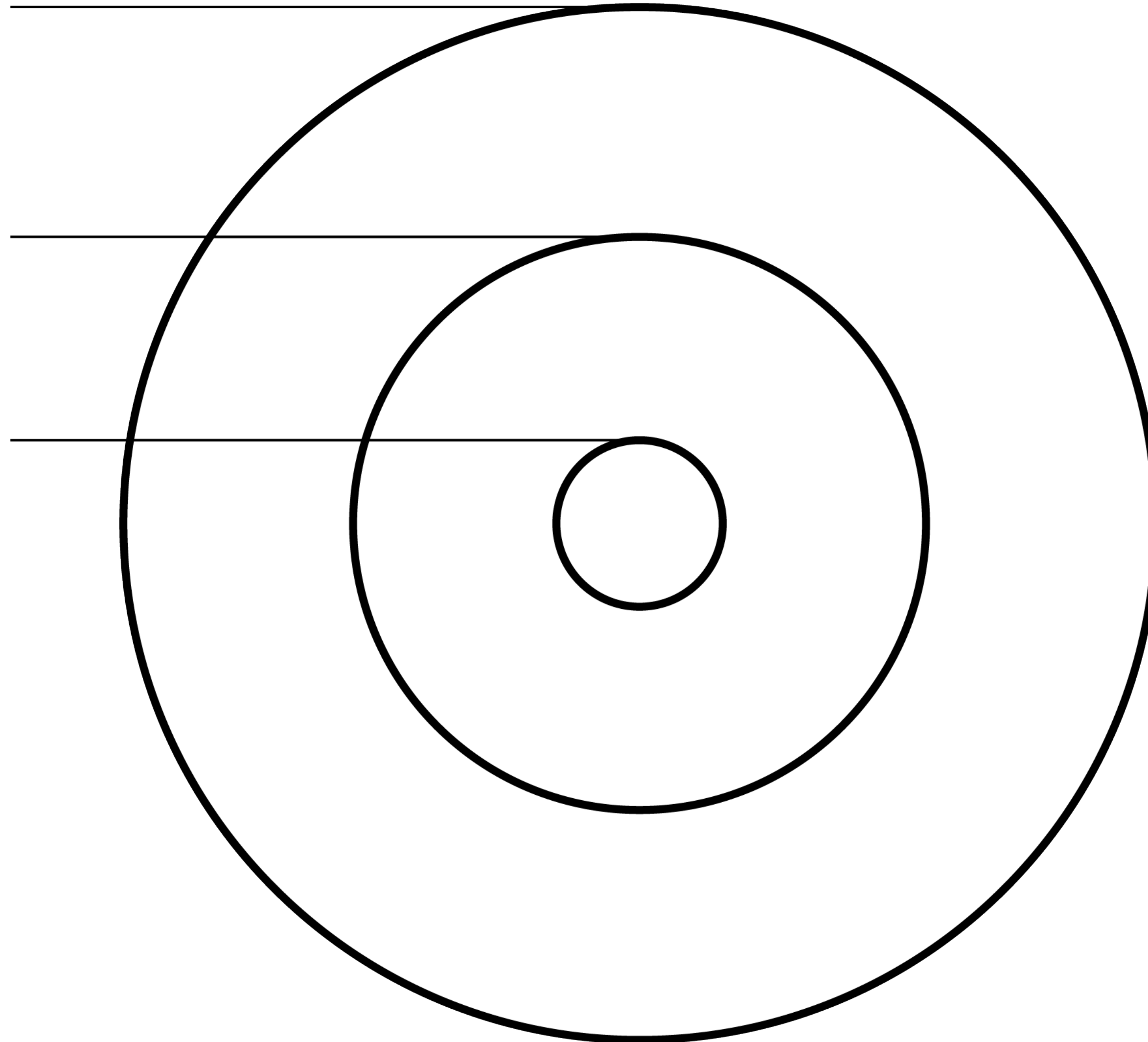
Focus on outcomes

Can someone understand enough to
make a **meaningful decision** about
whether they should take part or not?

Technical needs

Analog needs

Comprehension



**"45% of adults in England read at
literacy level 1 or below"**

2011 Skills for Life Survey. UK Gov Dept. For Business, Innovation and Skills

Entry Level 1

- ✔ Write a short message to your family
- ✔ Select a floor number in an elevator or lift

Level 1

- ✔ Read a bus or train timetable
- ✔ Select and use a variety of appropriate sources of information (including from websites)
- ✔ Enter, organise, and bring together simple information such as writing a letter

<https://www.effortmark.co.uk/what-does-low-literacy-mean-in-practice/>

Level 2

- ✔ Compare products and services to understand the best deal
- ✔ Use a variety of appropriate sources of information and evaluate their fitness for purpose
- ✔ Evaluate and use different methods of organising and presenting information, taking into account fitness for purpose and audience

<https://www.effortmark.co.uk/what-does-low-literacy-mean-in-practice/>

**"45% of adults in England read at
literacy level 1 or below"**

2011 Skills for Life Survey. UK Gov Dept. For Business, Innovation and Skills



WE PROMOTE PLAIN LEGAL LANGUAGE TO ENGAGE AND EMPOWER CITIZENS AROUND THE WORLD.

BECOME A MEMBER!



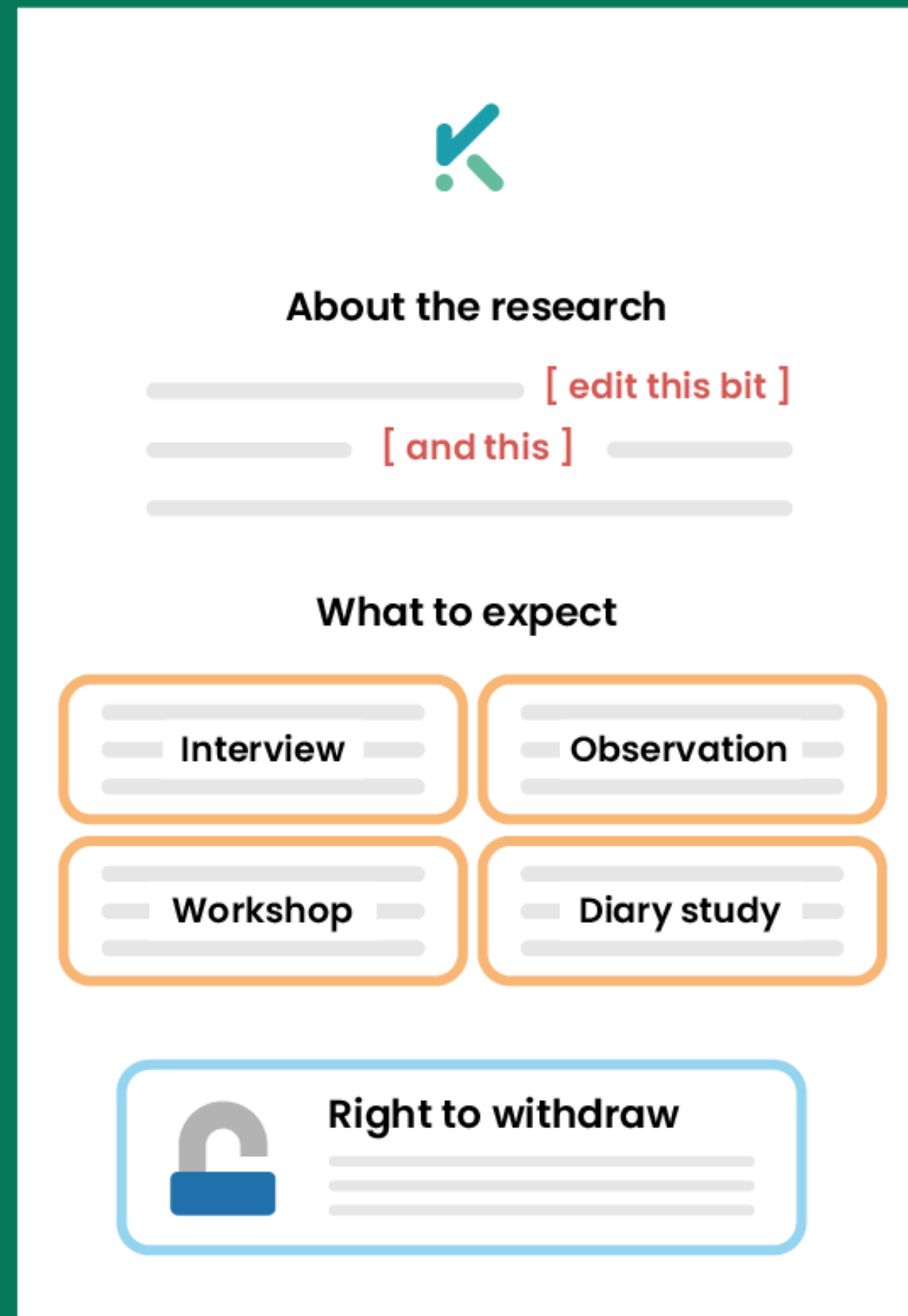
LEARN ABOUT PLAIN LANGUAGE

Learn what is plain language, what it is not, the benefits of plain language and some guidance on how to implement plain language in your organisation.

FIND OUT MORE [➤](#)

**How do we scale bespoke content
and remain compliant?**

Org template



The 'Org template' form is a white document with a logo at the top. It contains three main sections: 'About the research' with two lines of text and red placeholder text '[edit this bit]' and '[and this]'; 'What to expect' with four orange-bordered boxes containing 'Interview', 'Observation', 'Workshop', and 'Diary study'; and 'Right to withdraw' with a blue padlock icon and three lines of text.

You predefine the building blocks of your informed consent forms.

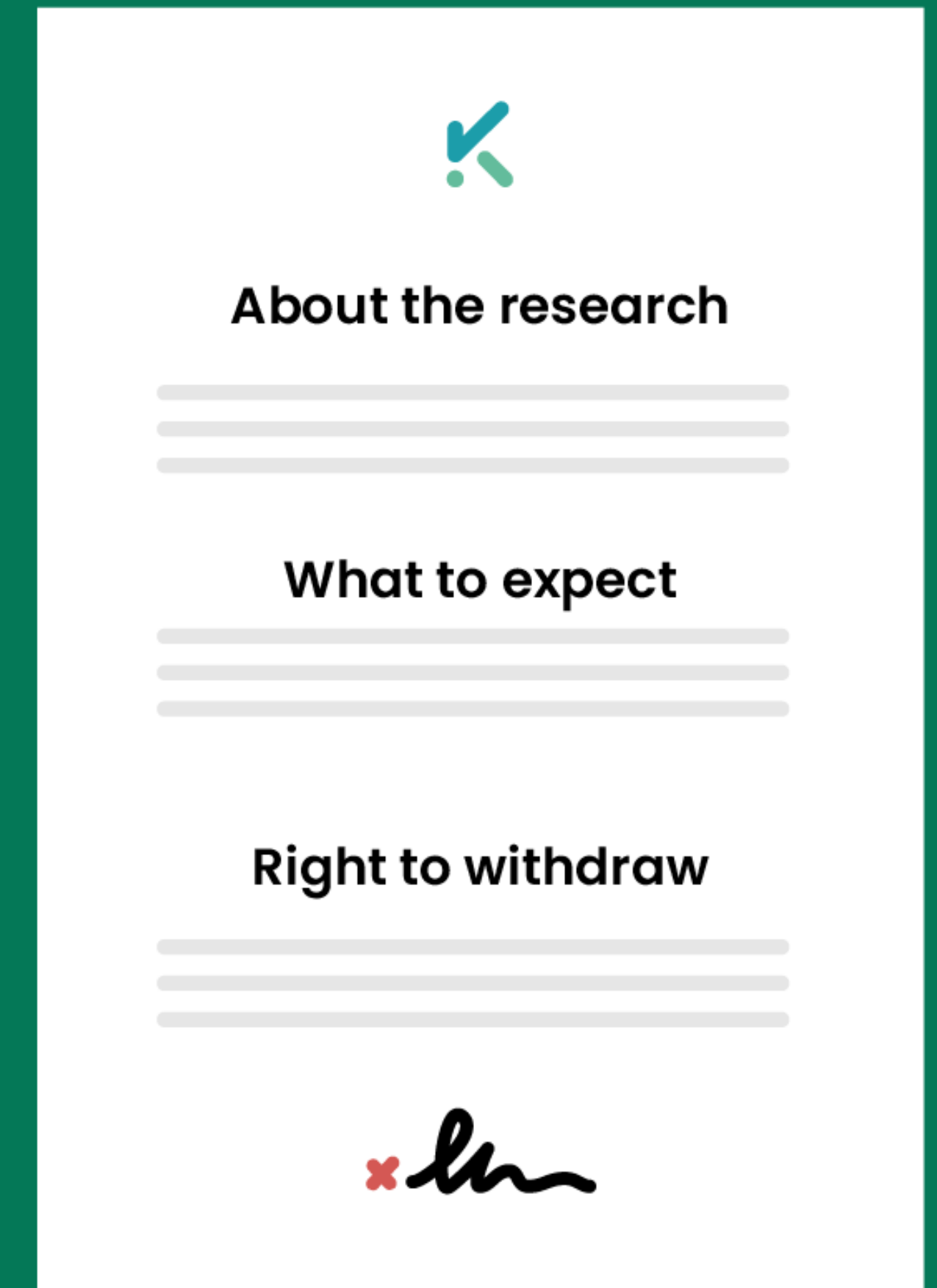
Generated for the project



The 'Generated for the project' form is a white document with the same logo. It contains three main sections: 'About the research' with two lines of text and red placeholder text '[edit this bit]' and '[and this]'; 'What to expect' with three lines of text; and 'Right to withdraw' with three lines of text.

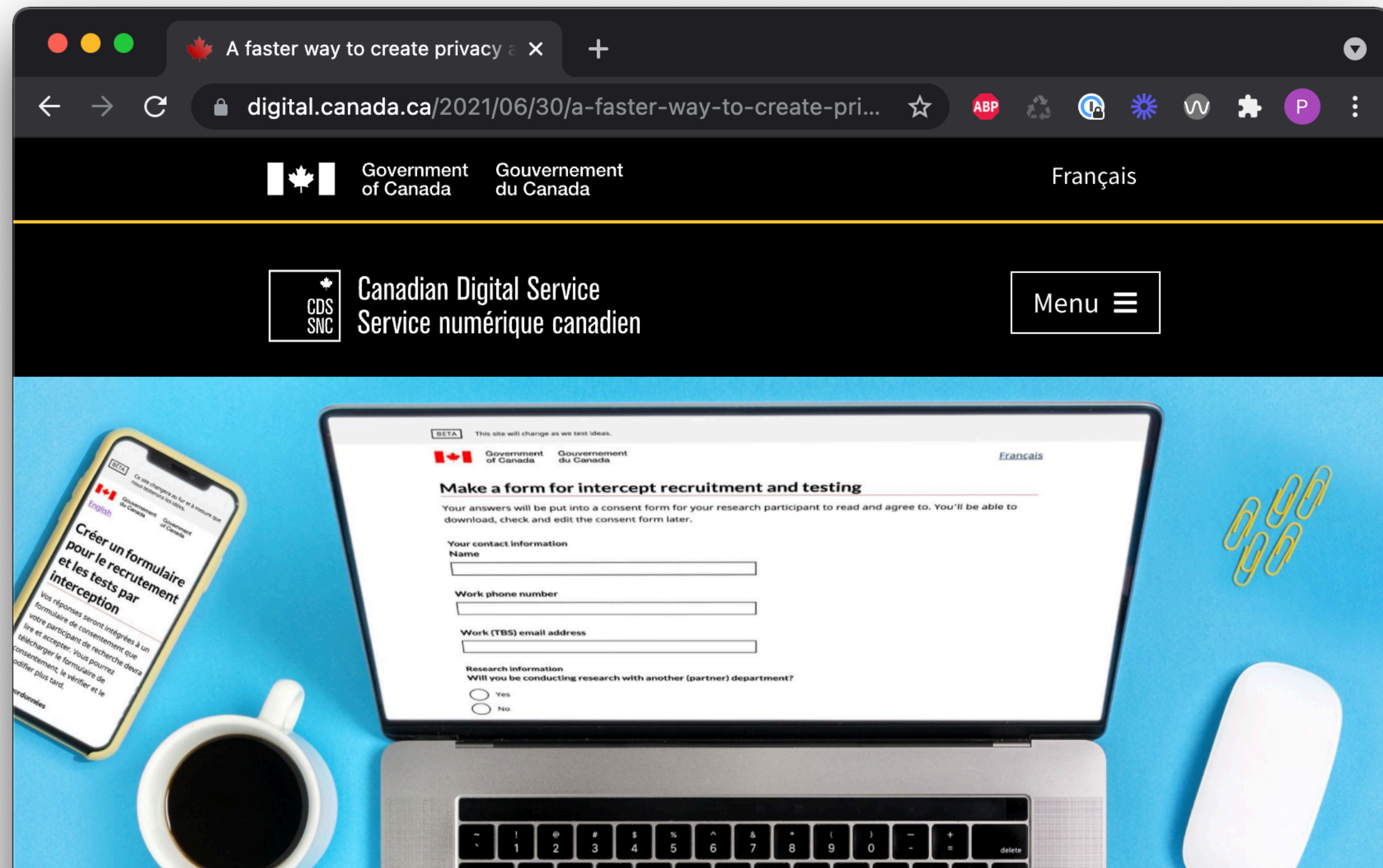
Auto generates a form based on the context of the research.

Sent to participant



The 'Sent to participant' form is a white document with the same logo. It contains three main sections: 'About the research' with three lines of text; 'What to expect' with three lines of text; and 'Right to withdraw' with three lines of text. At the bottom, there is a red 'x' icon and a handwritten signature.

Appropriate signing mechanism is automatically attached



Read the blog /

A faster way to create privacy and consent notices in government

A screenshot of a web browser displaying the re+ops Consent Form Builder website. The browser address bar shows "consentform.herokuapp.com". A red box with the text "Currently In Development" is overlaid on the page, with a message: "The Consent Form Builder is currently in development, and currently should not be used in any official capacity". The re+ops logo is visible in the top left. The main heading is "A Consent Form for User Research". Below the heading, there is a paragraph: "This service will generate customized forms and privacy statements for you based on the type of design research you're doing. Ask your policy colleagues if you need one." A blue link is provided: "[Make a consent form for recruitment and testing.](#)". The footer includes "Re+ops Community" and the re+ops logo.

Re+ops Community



Test with real people

Digital product testing, powered by people with disabilities.

Fable moves organizations from worrying about compliance, to building exceptional, accessible user experiences.

[Schedule A Call](#)



Trusted by industry leaders



Thank you for listening!

 consentkit.com

 [@consentkit](https://twitter.com/consentkit)

 founders@consentkit.com

Consent Kit have been named as a supplier on Crown Commercial Service's (CCS) **G-Cloud 13** agreement.

Compliant with



Members of



Crown
Commercial
Service
Supplier