



## Project Planner - Assistive Technology (AT)

LOTI uses an [outcomes-based](#) methodology, which considers the technical and non-technical elements involved in bringing about a real-world change.

**Desired Benefits and Outcomes** - What is the real-world impact/change we are trying to enable?

We wish to enable boroughs to be able to measure the impact and effectiveness of assistive technology in a consistent manner so that they can make evidence-based decisions about which ATs to deploy.

**Known Problems** - What is preventing the desired outcome?

*What problems relate to technology and data?*

- The very large number of potential technologies that can be used to support people to live independently
- The varying and uncertain benefits of these technologies

*What problems relate to people, processes and conditions?*

- Lack of a consistent approach for measuring the impact and benefits of new assistive technologies makes it more difficult for boroughs to make fully informed decisions about which to invest in to achieve certain outcomes
- Lack of an evidence base that covers a broad range of needs

**Potential Solutions** - What would it take to achieve our desired outcome?

*What role can technology and/or data play in enabling the desired outcome?*

- Testing of different technologies across LOTI boroughs will enable boroughs to gain access to comparable evidence to a reduced cost

*Beyond technology and/or data, what is needed to achieve the desired outcome?*

- Our assumption is that the public sector could benefit from the creation and adoption of a common evaluation framework for existing and new assistive technologies

## Making it happen

<b>Skills and Resources</b> - What skills, people and other resources do we need...
<p><i>from the LOTI Central Team?</i></p> <ul style="list-style-type: none"> <li>• Review evaluation practices and frameworks that boroughs might have or are currently using to evaluate AT projects</li> <li>• Review evaluation practices and frameworks from other organisations working in this area</li> <li>• Synthesize and summarise research findings</li> </ul>
<p><i>from LOTI lead borough</i></p> <ul style="list-style-type: none"> <li>• Design and deliver a workshop with interested LOTI boroughs</li> <li>• Trial a prototype of the of common evaluation framework developed</li> <li>• Pilot different ATs</li> </ul>
<p><i>from LOTI member boroughs?</i></p> <ol style="list-style-type: none"> <li>1. Those interested in being involved in the discovery and design stages of the common evaluation framework should attend the workshop.</li> <li>2. Borough representatives to engage with AT project leads and Health and Social Care service managers on insights on current projects</li> <li>3. Borough representatives to share with their respective AT project leads and Health and Social Care service managers the outcome of the workshop</li> </ol>
<p><i>from external sources?</i></p> <ul style="list-style-type: none"> <li>• Support will be called in from experts in the field of evaluation, if necessary</li> </ul>

<b>Mandate</b> - What permissions do we need to make this change?
<i>from LOTI lead borough?</i>
<i>from LOTI member boroughs?</i>
<i>from external stakeholders?</i>

<b>Outputs</b> - What outputs will be delivered to enable the agreed benefits and outcomes for this project?
1 - A common evaluation framework, or best practice examples that can be adapted

2-Testing and evaluation of a broad range of assistive technologies

<b>Plan</b> - How will we deliver this project?	<b>Week of</b>
<b>Phase 1</b>	
Conduct research on current evaluation practices and frameworks.	21/10/2019
Summary of research.	28/10/2019
Creation of a LOTI Evaluation Framework for assistive technologies.	04/11/2019
Trial of Evaluation Framework by at least 3 boroughs.	TBC
<b>Phase 2</b>	
Selection of appropriate ATs to be piloted by each participating borough.	TBC
Set up and implement AT pilots.	TBC
Publication of evidence form trials.	TBC

<b>Risks and Issues</b> - What risks and issues should be taken into consideration?
<p><i>Include issues and risks that have financial, reputational and/or organisational impact</i></p> <p><b>Risks</b> Boroughs may already have AT trials underway and struggle to implement new evaluation framework.</p> <p>Ethical issues may arise if robust evaluation requires different individuals or cohorts to receive different levels of assistance (e.g. if a control group is required).</p> <p><b>Issues</b> - no issues identified at present</p>

<b>Evaluation Criteria</b> - How will we measure our success?

