**LDIS Rapid Cycle**

*It is normal during the implement stage to discover parts of the design that are not working as expected, and which will need further refinement or re-design to be fully effective.*

*Where an issue is identified, the LDIS ‘rapid cycle’ loop should be used to identify and implement a solution.*

*Depending on the scope of the issue, this is generally a short process that is completed over 2-4 weeks, and involves 2 workshops (one for LEARN activities, and one for DESIGN activities), with an agreed and approved solution to be implemented.*

*Following each of the steps will help to ensure that the identified solution is most appropriate, and will be adopted more effectively.*

**LEARN**

1. Establish a based working group (no more than 8 people) with stakeholders from various levels in the organisation, including: subject matter experts, frontline voice and appropriate leadership who can provide approval.
2. Conduct the first (LEARN) workshop. The purpose of this workshop is to understand the issue and its causes in depth, determine the need and desired outcome, and then to determine some agreed design principles
   1. Undertake the group should undertake a root-cause analysis

**[Complete the Root-Cause Analysis template]**

* 1. Identify what learning activities need to be undertaken prior to the next workshop, and who will do them (eg. mapping the current process, identifying possible alternatives).
  2. If possible, determine some design principles for use in the next workshop

1. The group goes away (for approx. 1 week) to investigate options.

**DESIGN**

1. Conduct the second (DESIGN) workshop. The same people return with their learnings. The purpose of this second workshop is to agree on the design of the solution according to the desired outcomes.
2. Create relevant documentation of the design solution.
3. Where approval cannot be given by the members of the group, approval for the design should be sought from the relevant approving body.



**IMPLEMENT**

1. The solution is communicated out as appropriate.
2. Roll-out the change as part of the wider IMPLEMENT stage.
3. Assess effectiveness of the solution and make further refinements as necessary.