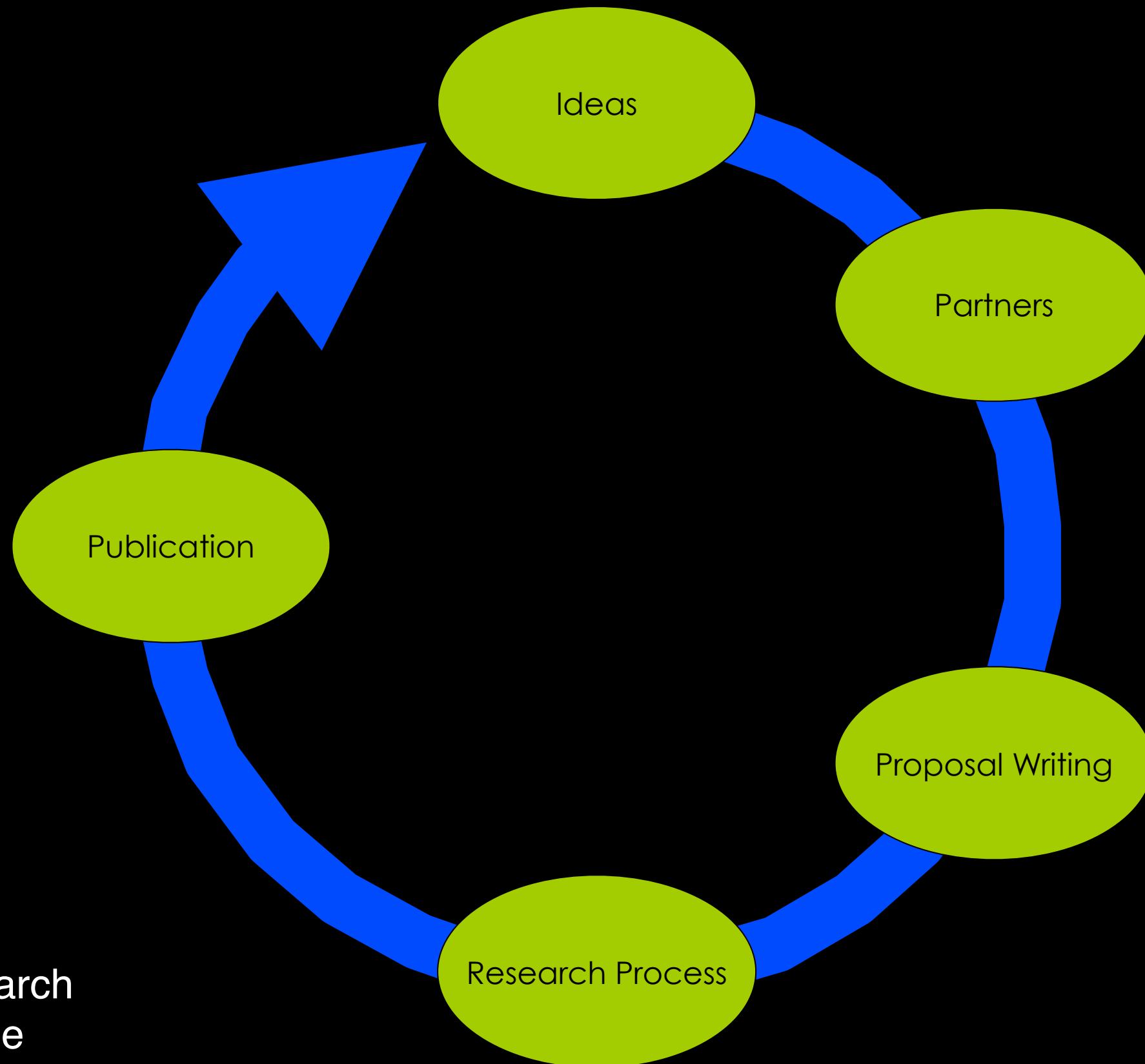# Research & Data Lifecycle Introduction
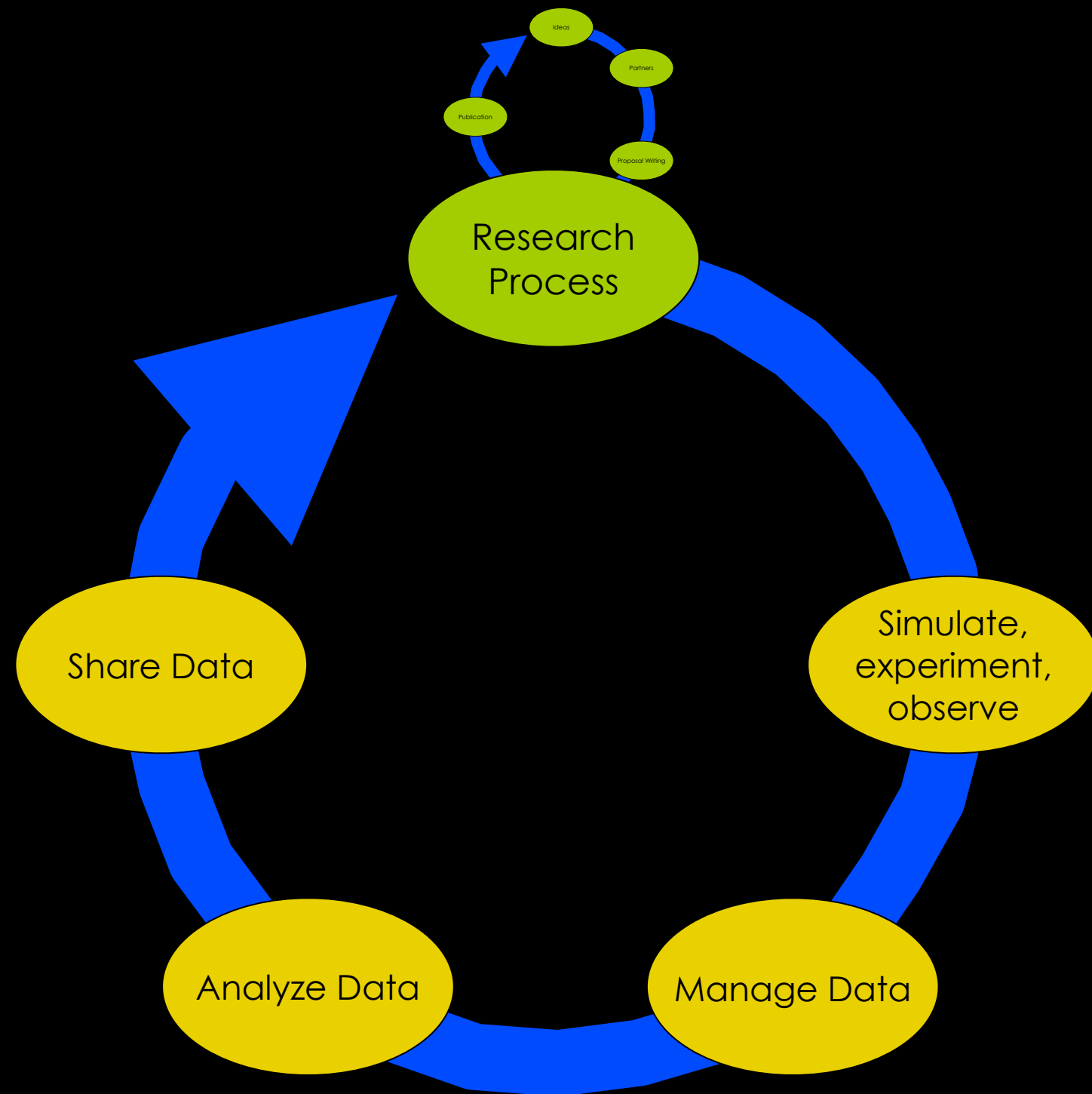
The Research Lifecycle

- Ideas
- Partners
- Proposal Writing
- Research Process
- Publication

JISC - http://www.jisc.ac.uk/whatwedo/campaigns/res3/jischelp.aspx

The Research Lifecycle

Ideas

Partners

Proposal Writing

Research Process

Publication

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whatwedo/campaigns/res3/
jischelp.aspx

The Research Lifecycle

The Research Lifecycle

The Research
Lifecycle

The Research
Lifecycle

The Research Lifecycle

Proposal Writing

Simulate, experiment, observe

Manage Data

Analyze Data

Share Data
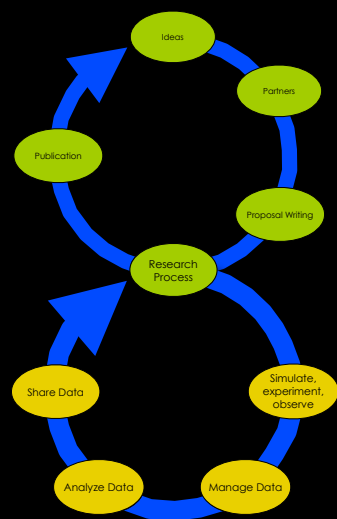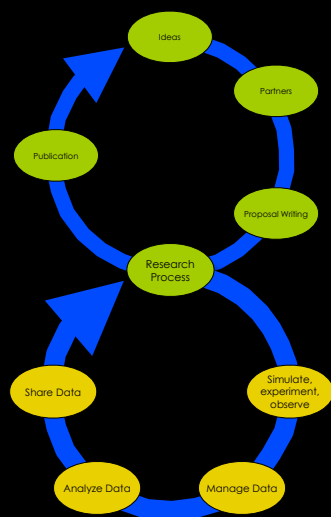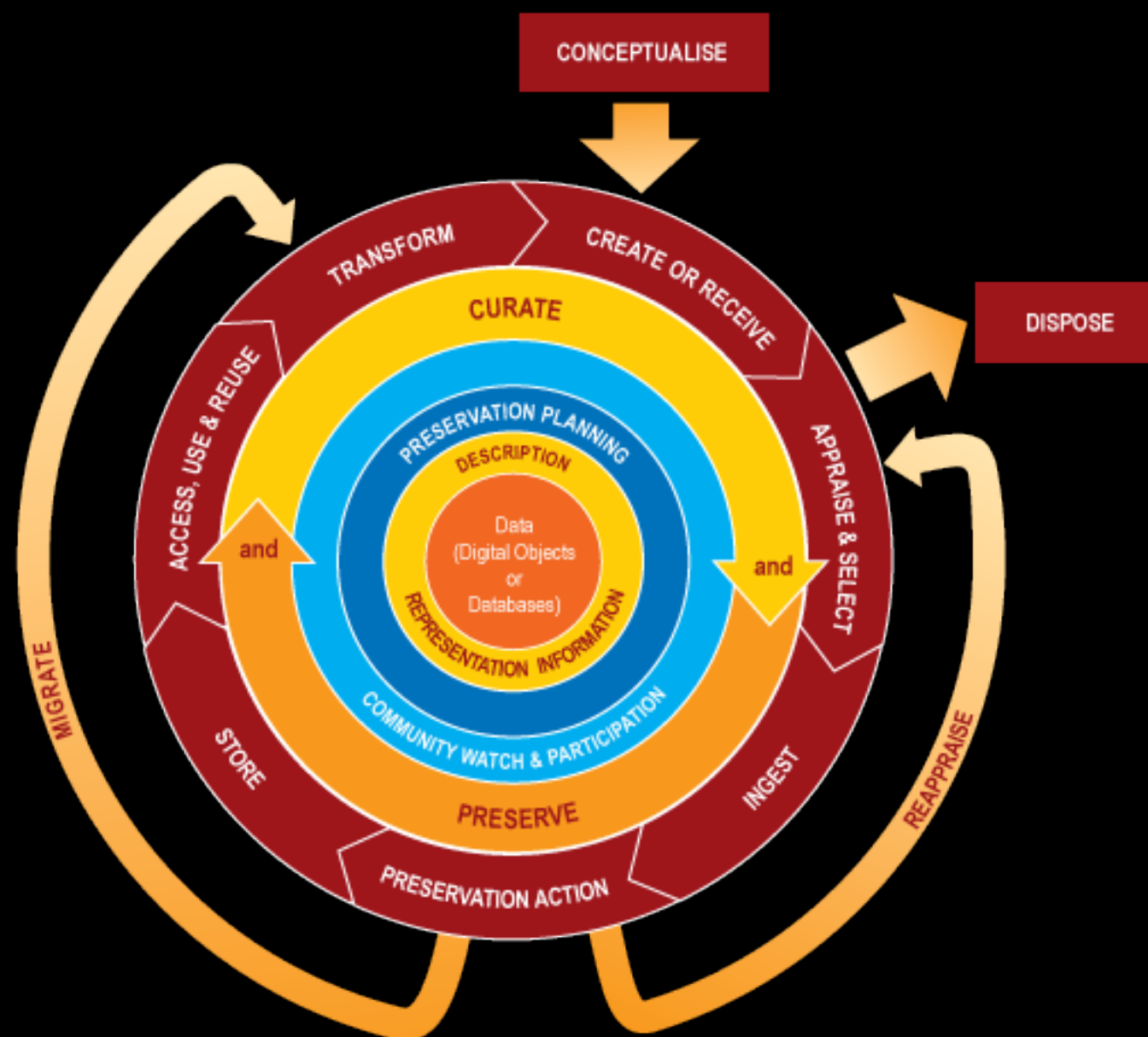
Publication

The Data Lifecycle

The Research Lifecycle

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whatwedo/campaigns/res3/
jischelp.aspx

Proposal Writing

Simulate, experiment, observe

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Publication

The Data Lifecycle

DCC - http://www.dcc.ac.uk/
resources/curation-lifecycle-model

CONCEPTUALISE

Proposal Writing

Simulate, experiment, observe

DISPOSE

TRANSFORM

CREATE OR RECEIVE

CURATE

PRESERVATION PLANNING

DESCRIPTION

Data
(Digital Objects
or
Databases)

REPRESENTATION INFORMATION

ACCESS, USE & REUSE

APPRAISE & SELECT

Proposal Writing

and

and

MIGRATE

COMMUNITY WATCH & PARTICIPATION

REAPPRAISE

STORE

INGEST

PRESERVE

PRESERVATION ACTION

Proposal Writing

Simulate, experiment, observe

Manage Data

Analyze Data

Share Data

Publication

The Research Lifecycle
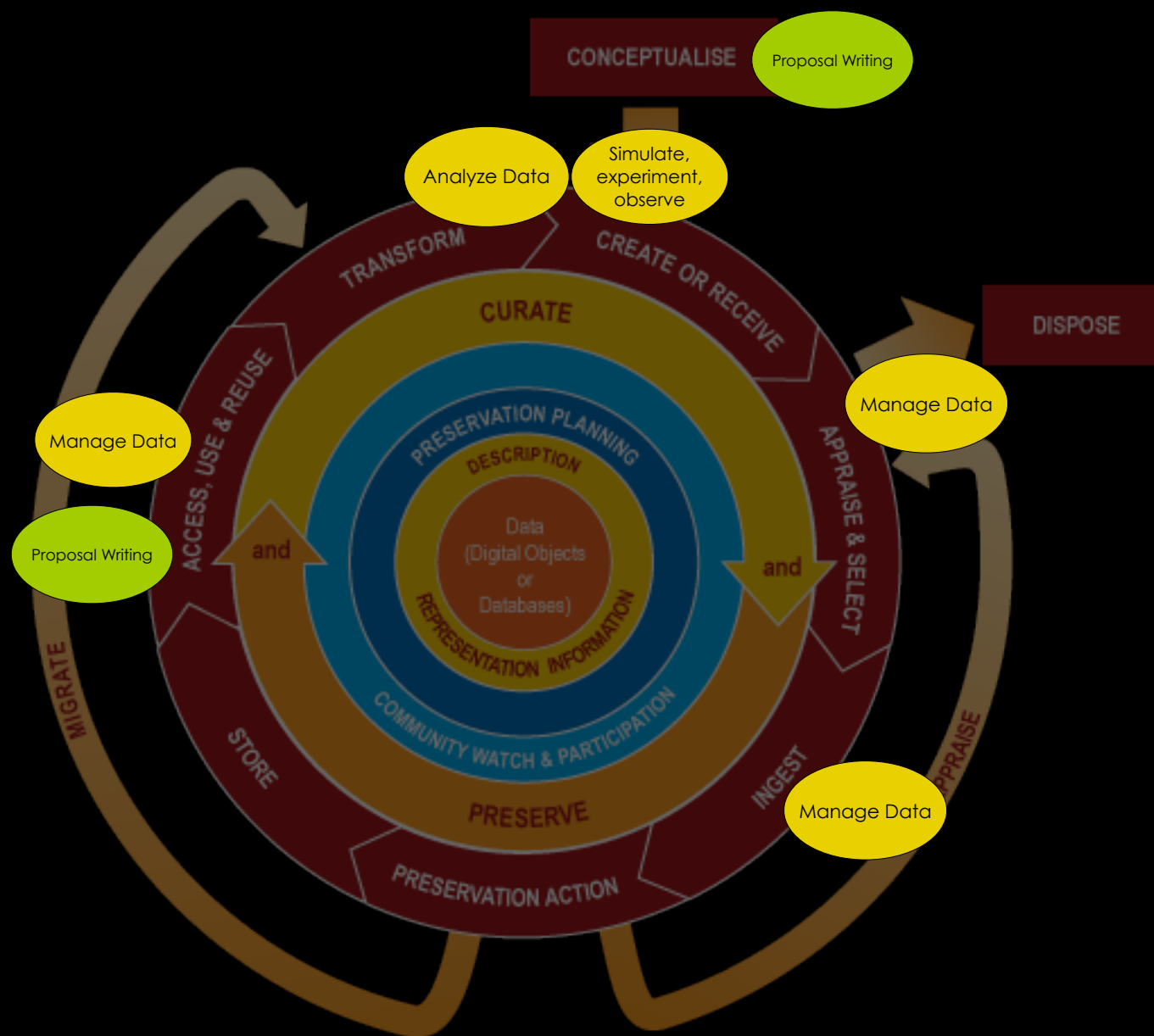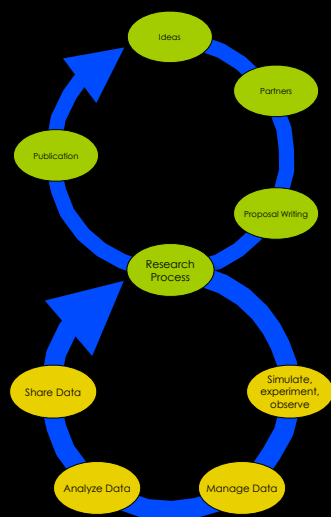
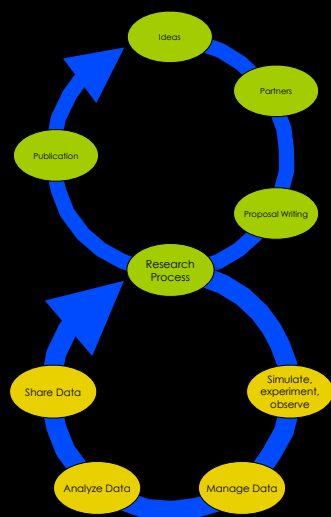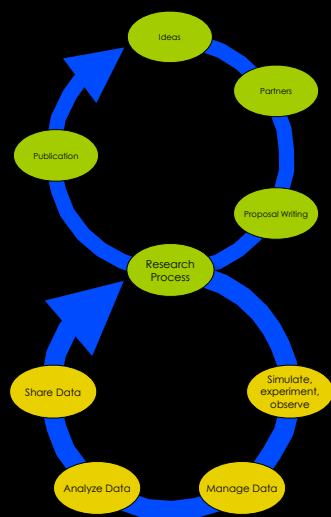JISC - http://www.jisc.ac.uk/whatwedo/campaigns/res3/jischelp.aspx

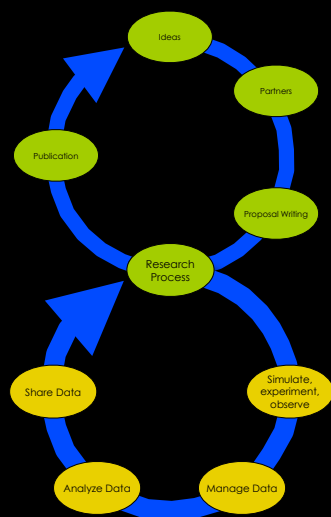The Data Lifecycle

DCC - http://www.dcc.ac.uk/resources/curation-lifecycle-model

The Research Lifecycle

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Simulate, experiment, observe

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The Data Lifecycle

The Research Lifecycle

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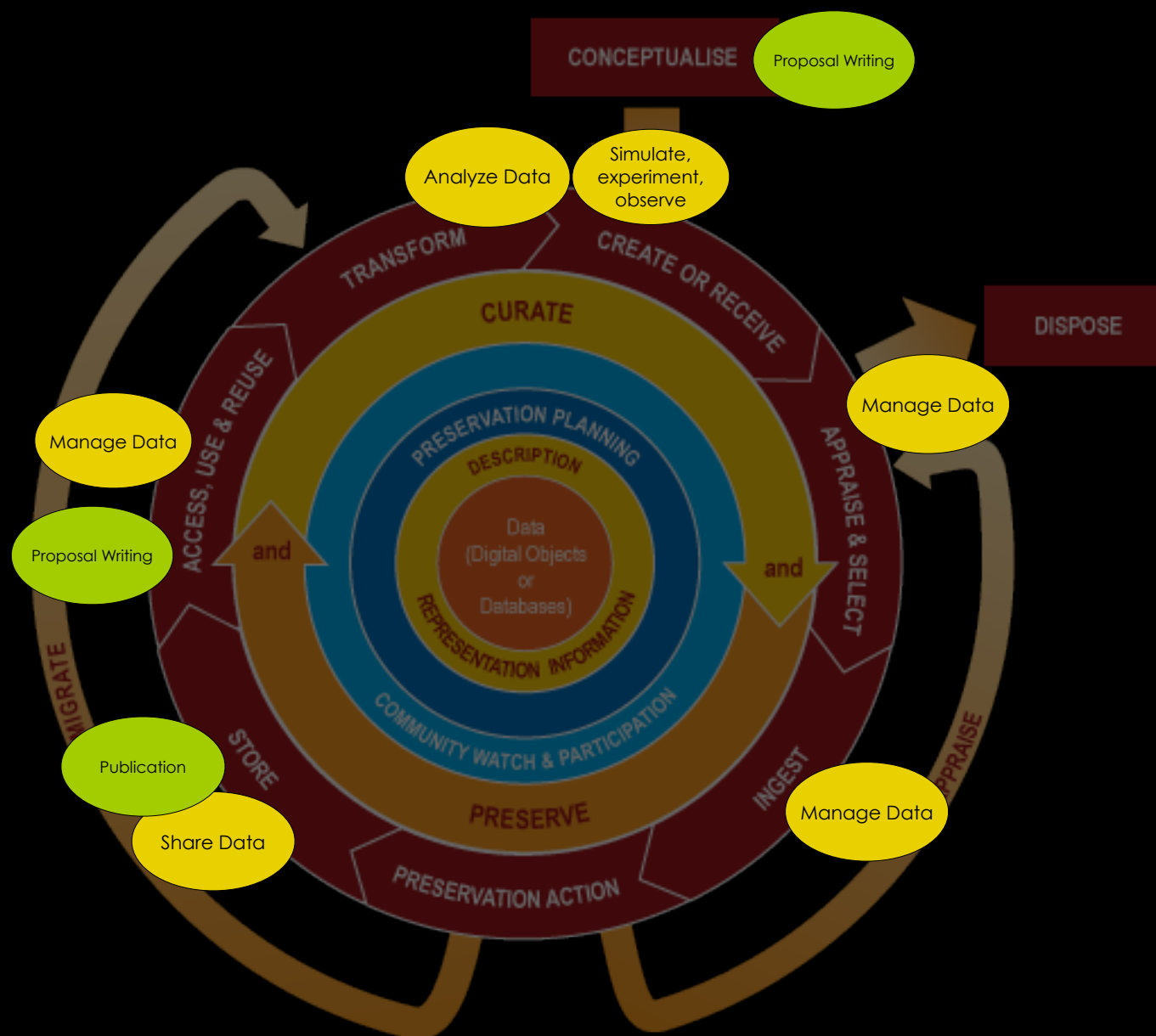
You are the first curator
of your data

Questions ?

Resources

- Digital Curation Centre *Curation Lifecycle Model*
  http://www.dcc.ac.uk/resources/curation-lifecycle-model

- JISC *Research Lifecycle* diagram
  http://www.jisc.ac.uk/whatwedo/campaigns/res3/jischelp.aspx

- DataONE *Best Practices* database
  http://www.dataone.org/best-practices

- Library of Congress *Preservation Digital Reformatting Program* Life-cycle Management page
  http://www.loc.gov/preservation/about/prd/presdig/preslifecycle.html