







Why do we need a risk model for digital preservation?

Our digital heritage is rich, complex and fragile. It's under threat from:

- Rapidly evolving technology
- Outdated policies and standards
- A skills gap across the archives sector



Photo by Marvin Esteve on Unsplash

THE	
NATIO	DNAL
ARCH	IIVES

What will DiAGRAM do?

Creating a new risk management framework for digital archivists on digital preservation risks.

DiAGRAM is The **Di**gital **A**rchiving **G**raphical **R**isk **A**ssessment **M**odel

DiAGRAM will:

- Improve users' **understanding** of the complex digital archiving risk landscape and of the interplay between risk factors.
- Empower archivists to **compare and prioritise** very different types of threats to the digital archive: from software obsolescence to natural disaster.
- Aid in **quantifying** the impact of risk events and risk management strategies on archival outcomes to support decision making, communication with stakeholders and developing business cases for targeted action.

 THE

 NATIONAL

ARCHIVES

Who is involved?

Joint project between the National Archives and the Applied Statistics & Risk Unit, University of Warwick

UK archive partners:

- Dorset History Centre
- Gloucestershire Archives
- TfL Corporate Archives
- Special Collections, University of Leeds
- Design Archives, University of Brighton



This project is receiving funding from the National Lottery Heritage Fund

The Digital Preservation Coalition for dissemination events and project evaluation											THE		
												NATIO	DNAL
												ARCH	IIVES

What is DiAGRAM?

DiAGRAM is an interactive tool for UK **digital archivists** and enable them to better understand their own risks and explore different scenarios.

Note: the model is a prototype – it will change!

"What is the impact if we do not know the custodial history for half of our records?"

"Should we prioritise diversifying our storage media or tackling poor content metadata?"

"If we improve our system security, how much will this decrease our risk?"

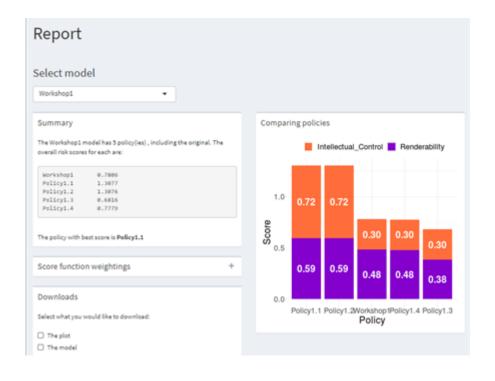
THE

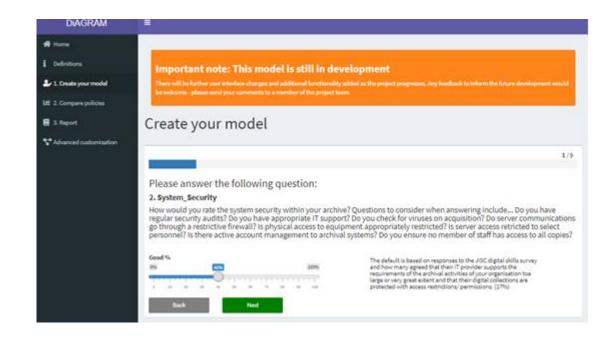
NATIONAL

ARCHIVES

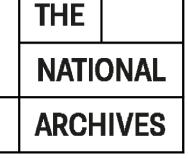
How to use the tool

Customise the model to reflect the situation at your institution





Create different policies/scenarios and compare their scores



Aims for today

- Learn about the how the model was created so you know what it is based on and what it can tell you
- Try it out for yourselves with data about your own archive (if you have it)
- Ask questions to learn more (and alert us to where we need more explanation or more detail when we describe the model in future)
- Give us feedback to improve the model: this is a prototype and almost anything can change or be considered for a future version.
 THE

NATIONAL ARCHIVES