

Webinar:

7 Principles for assessing the long-term sustainability & durability of Digital Preservation service providers

A new, independently ratified Charter

April 28 2022



Preservica



A Charter for long-term Digital Preservation sustainability

Welcome & introduction

The independent **Sustainability Council**

The **7 Sustainability Principles**

Next steps

Q&A



Michael Hope
Marketing Strategy
Preservica



<https://preservica.com/digital-preservation-sustainability>

Our panel & speakers



Tanya Marshall

State Archivist & Chief Records
Officer
**Vermont State Archives
& Records Administration**



Patricia Franks

Professor Emerita, School of
Information
San Jose State University



Maité Braud

Operations Director
Preservica

Why a new independent Charter?

“The long-term stewardship of digital materials depends not only on the technical resiliency of preservation systems, but also on the **financial** and **organizational** sustainability of these stewarding organizations *and their service providers.*”



[Excerpt from blog by Oya Rieger and Liam Sweeny of Ithaka S+R](#)



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Digital Preservation is by its nature a long-term venture that requires long-term commitment & partnership

A “blueprint” for community best practice and a benchmark for assessing providers



Independent Sustainability Council

2022 members



Tanya Marshall

State Archivist & Chief Records Officer
Vermont State Archives & Records Administration



Jason R. Baron

Professor of the Practice
University of Maryland



Yaso Arumugam

Chief Information Officer and Chief Information Security Officer
National Archives of Australia (NAA)



Portia Sanders

Public Records Division Manager,
Registrar-Recorder/County Clerk
Los Angeles County



Patricia Franks

Professor Emerita, School of Information
San Jose State University



Anne Archer

Head of Heritage and Archives
BT



Euan Cochrane

Digital Preservation Manager
Yale University Library



Remke Verdegem

Product Owner e-Depot
National Archives of the Netherlands

Preservica liaison



Steve Curl

Non-Executive Director
Preservica



Michael Hope

VP Marketing Strategy
Preservica

Developing the Charter



Independent
**Sustainability
Council**



Preservica
Commitments

Principles

Data Sustainability
Software Sustainability
Operational Sustainability
Knowledge Sustainability
Financial Sustainability
Governance Sustainability
Environmental Sustainability



7 Digital Preservation Sustainability Principles

How a service provider:



1. Data Sustainability - ensures the long-term readability, authenticity, integrity and portability of data



2. Software Sustainability - works with users to develop and innovate software



3. Operational Sustainability - manages its service to ensure high-levels of security, privacy and continuity



4. Knowledge Sustainability - manages and develops expertise and knowledge



5. Financial Sustainability - ensures long-term financial viability and resilience



6. Governance Sustainability - practices good corporate governance



7. Environmental Sustainability - commits to measuring and reducing environmental impact



1. Data Sustainability

Data Sustainability is at the heart of Digital Preservation. As a trusted custodian a service provider needs to ensure the long-term integrity, authenticity, discoverability, usability and portability of customer data - making it easy for customers to retrieve all their data should they decide to move to another provider or the provider ceases to trade. Data privacy and security over the long-term is covered in Operational Sustainability.

Principle	What it means for customers	Preservica Commitment
The solution is aligned to Digital Preservation standards and best practice such as OAIS ISO 14721 and NDSA	Ensures the integrity, authenticity accessibility and discoverability of your data is maintained over the long-term.	<ul style="list-style-type: none">• The Preservica solution is continuously developed in alignment with recognized standards and best practice for the long-term archiving and preservation of digital content.• All data held in the cloud is stored as multiple copies across multiple storage locations achieving 99.999999999% durability. The Preservica software also enables periodic integrity checking of data.• The Preservica software automatically creates visible fixity checksums for every file ingested or migrated to other formats. This enables data integrity checking and proof of file authenticity.
There is a simple and automated way to maintain the usability of your files and data using current applications and technology.	This is the core of Digital Preservation. Your data can always be instantly found, used and viewed using modern technology and applications.	<ul style="list-style-type: none">• Our technology <i>automatically & seamlessly</i> migrates content to the latest recommended file formats based on easy to select policies – either during and/or at any point after ingest into the system.• Our Research & Innovation team will proactively study “at risk” file formats and tools and maintain and update our Registry of over 2000 identifiable file formats and over 600 preservation actions.

Environmental Sustainability

Small World Consulting

Specialists in carbon benchmarking and environmental sustainability.

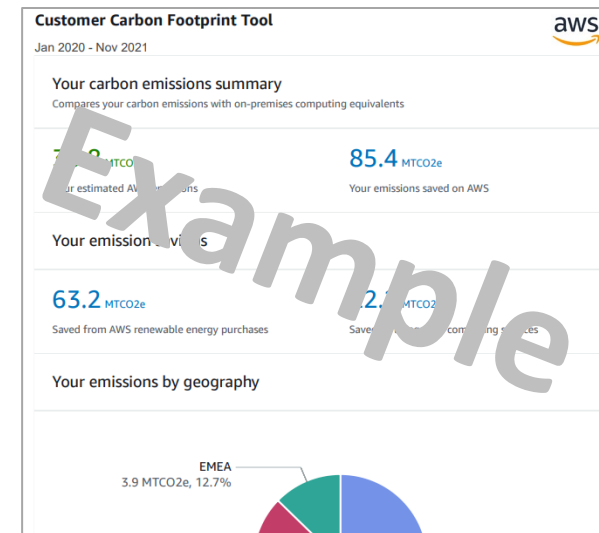
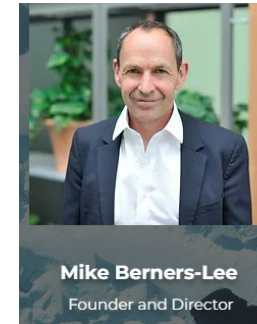
Baseline Preservica's **primary** carbon footprint

Use calculators to baseline **secondary** (cloud digital preservation services) carbon footprint

Produce recommendations for reducing impact including guidance for customers



SMALL
WORLD
CONSULTING



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Next steps

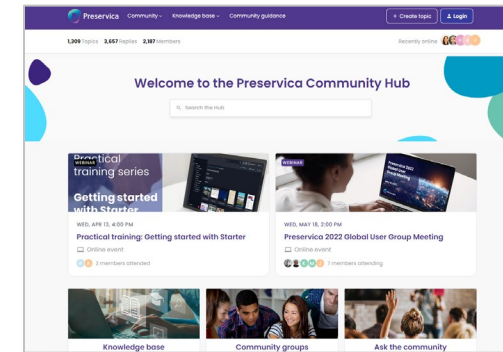
Grab a copy of the **Charter**

<https://preservica.com/digital-preservation-sustainability>



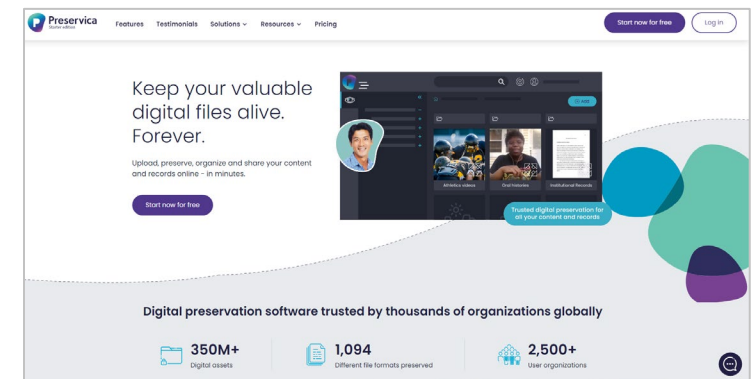
Join the conversation in the **Preservica Community Hub Digital Preservation Sustainability Group**

<https://community.preservica.com/groups/digital-preservation-sustainability-95>



Kick-start your digital preservation journey with **free-forever Preservica Starter edition**

<https://starter.preservica.com/>



Questions?



A young girl with dark hair is shown in profile, looking towards the right. She is wearing a dark top with a light-colored floral pattern. The background is a dark blue gradient. On the right side, there is a glowing digital globe of Earth with a grid overlay, surrounded by a circular pattern of white dots and lines. The globe is rendered in shades of blue and white, giving it a digital, particle-like appearance.

**The world's cultural,
economic, social and
political memory is at risk.**

Our mission is to protect it.

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