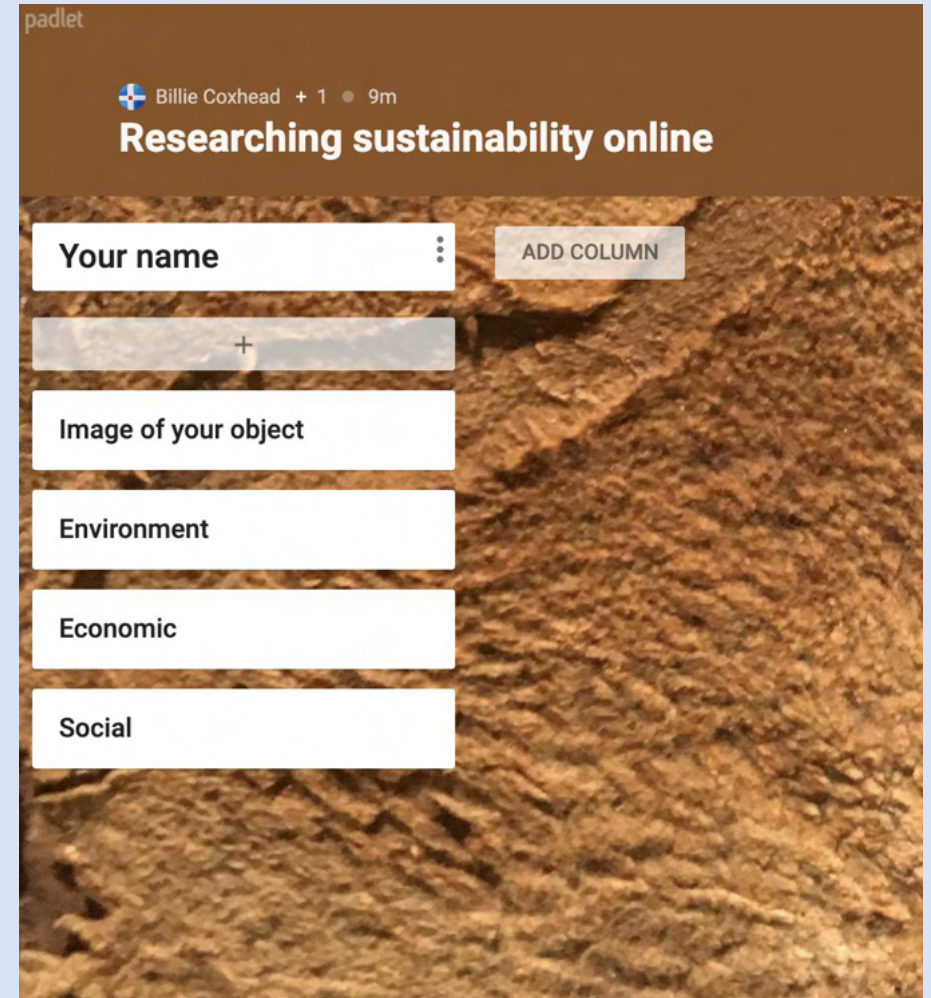


ual:
Library Services

Researching Sustainability

Add an image of your object or material to Padlet



ual:

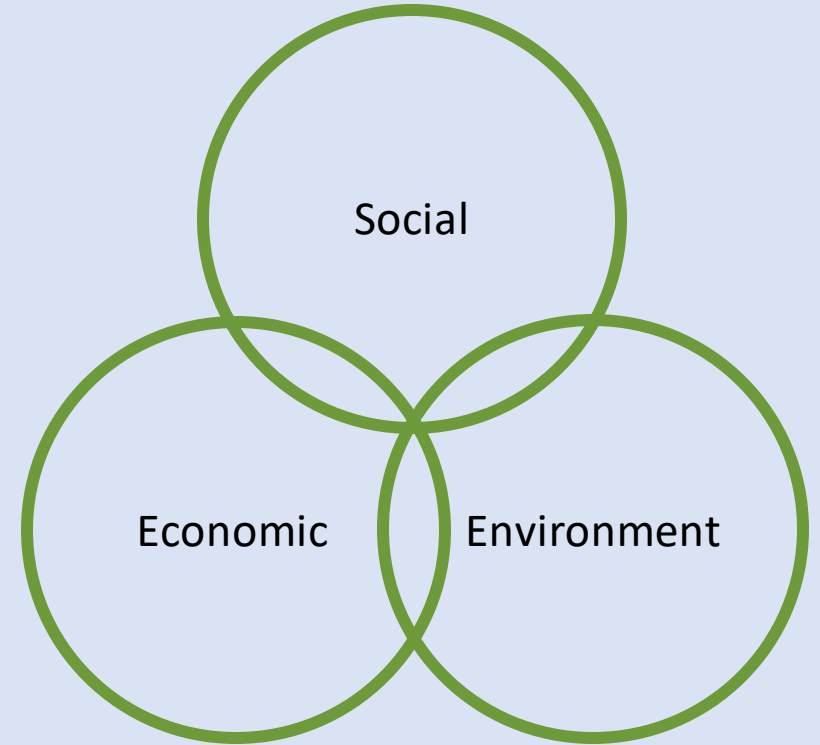
Welcome

- Julia Flood, Assistant Academic Support Librarian CSM
- Billie Coxhead, Materials & Products Co-ordinator CSM & LCF

ual:

In this session

- Keyword mapping
- Overview of sustainability
- How to research the sustainability of your object using the three pillars and questions as a framework
- You will have the opportunity to search the library resources and add to the Padlet



ual:

What does sustainability mean to you

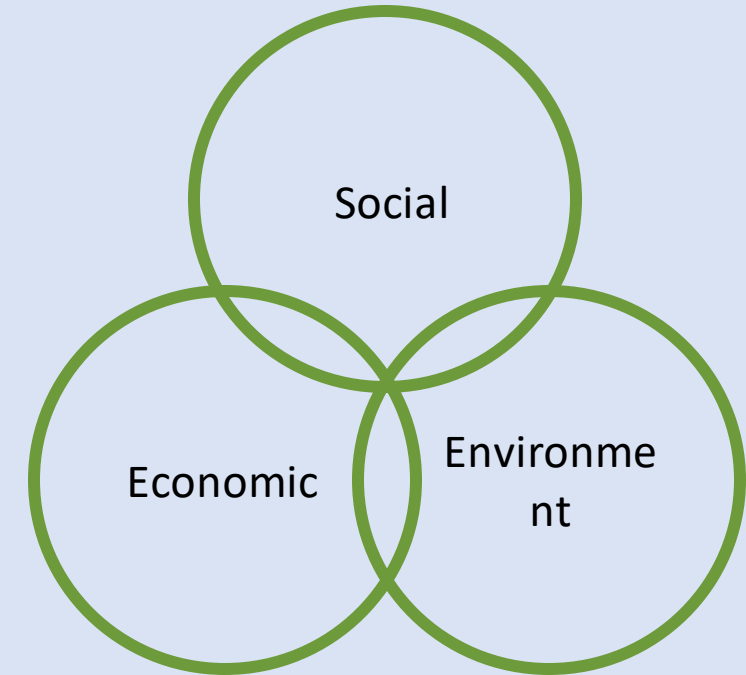
Add all the different words you can think of related to sustainability to this board using the Text tool

ual:

What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

- **Social**

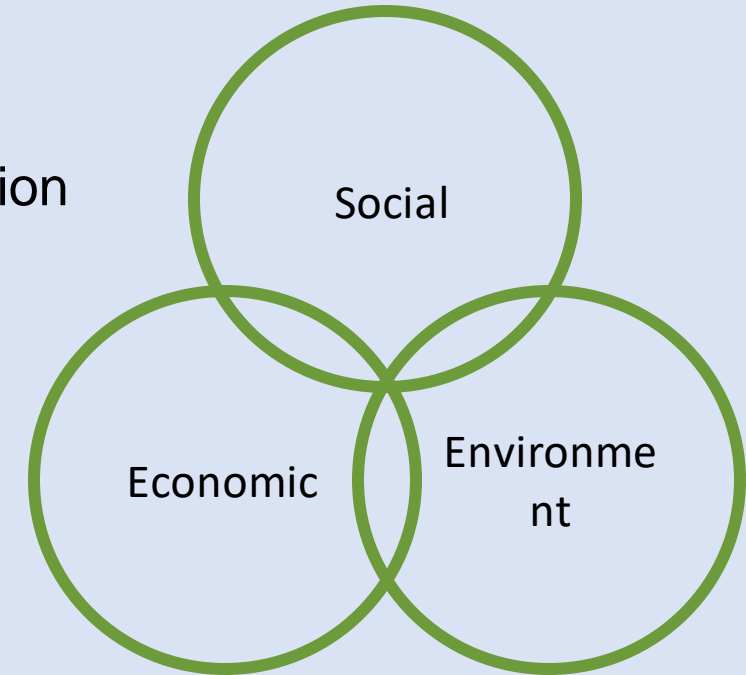


What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

- **Social**

People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation.



Social Sustainability

Inclusive, safe, just and resilient societies can make more sustainable choices!

How? By supporting human rights through government and institutional policy:

- Work
- Education
- Health
- Housing
- Social justice and equality



Residential Solar Panels in Orange County, California. Image provided by Universal Images Group and accessed through Britannica Image Quest.

ual:

Social sustainability for art and design



Pinatex




Wild Rubber, Flavia Amadeu



ual:

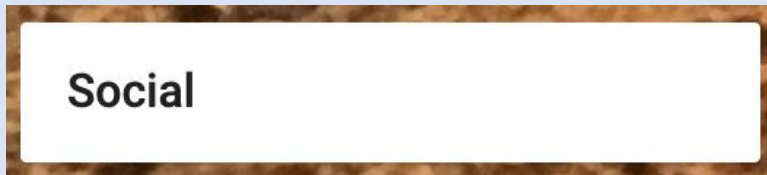
Social Sustainability and Plastic Packaging

 <p>Bottle of Pantene Pro-V. Image by Billie Coxhead.</p>	<p>What initiatives exist to dispose of plastic and avoid landfill? (<i>policy</i>)</p> <p>How can plastic packaging be reused to help communities become cleaner? (<i>community</i>)</p> <p>What cheap alternatives to plastic packaging exist? (<i>low income</i>)</p> <p>Which communities suffer from an abundance of plastic waste? (<i>equality</i>)</p>		Plastic Packaging	Social
		Similar terms	Plastic wrapping Plastic bags	Community People Countries
		Related terms	Waste; landfill Recycling Re-purposing Biodegradable Paper; metal; glass, etc.	Policy Cheap/ inexpensive Housing
		Narrower terms	bottle punnet Box Tube	Women Children Minorities

ual:

Social Sustainability: your object

On Padlet:



1. Add a section for Social under your object image

2. Add keywords that relate to your object in the context of social sustainability

3. Find an **article** on [Articles Plus](#)

ual:

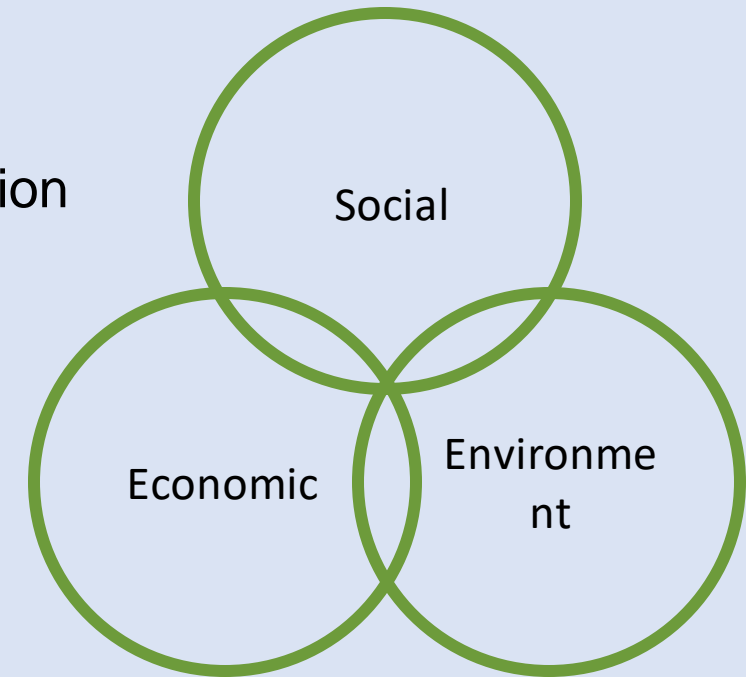
What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

- **Social**

People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation

- **Economic**



What is sustainability?

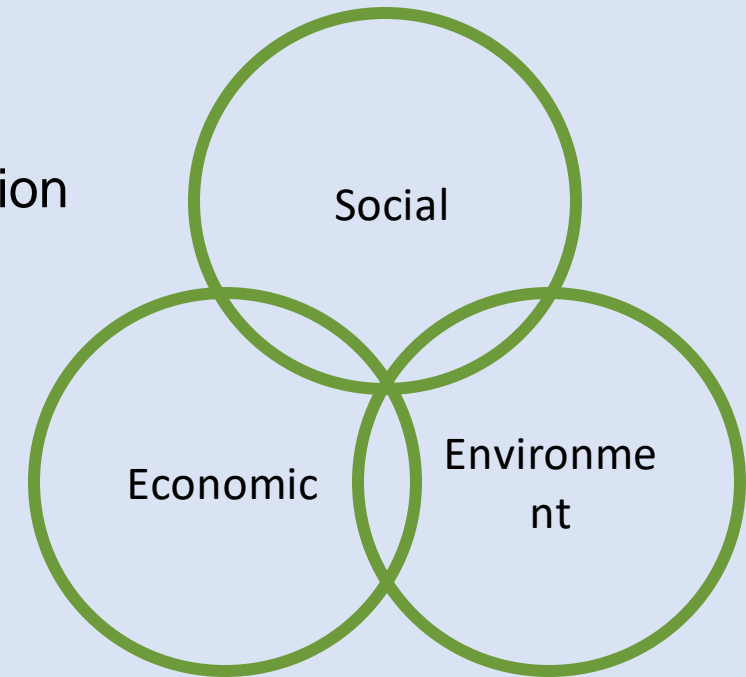
We can research and relate sustainability to our chosen object using this framework:

- **Social**

People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation

- **Economic**

Can (and should) a business be profitable and sustainable?



Economic Sustainability

Finding ways to reconcile economic growth with the earth's capacity

Methods may include:

- Technology
- Environmental standards
- Green policies
- Market forces

But is this enough?

ual:

Economic Sustainability

Is sustainability compatible with economic growth?

Do we need a fundamental shift in global economy. This could include:

- Localisation
- Smallness
- Self-sufficiency

ual:

Economic Sustainability: Plastic Waste

Possible sustainable practices with plastic waste

- Reduce plastic waste e.g. in their packaging
- Use plastic waste to make new products
- Recycling

Are these practices economically viable?

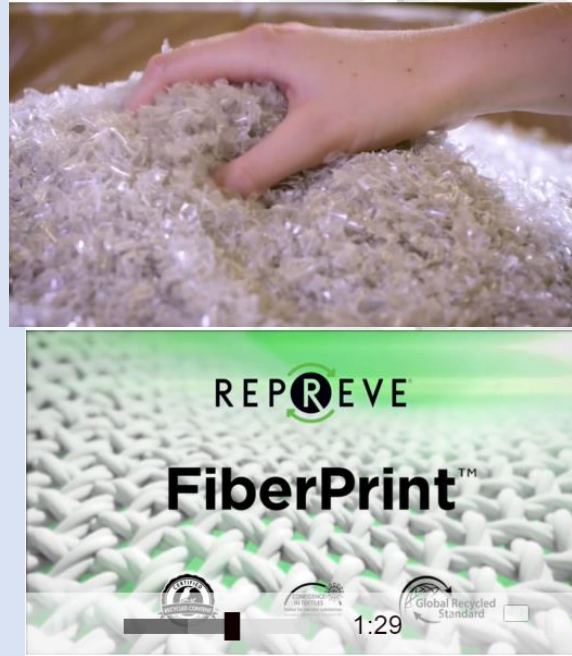
How do companies balance these practices with profits?

ual:

Economic sustainability for art and design



Spud raincoat, Fantastic
Bioplastic, Equilicua



Recycled plastic bottles into
yarn, Repreve



DuPont plastic recycling advert



Landfill workers bury all plastic except soda bottles and milk jugs at Rogue Disposal & Recycling in southern Oregon.
Laura Sullivan/NPR

ual:

Big Oil misled the public, plastic being buried in
landfill, NPR

Economic Sustainability: Your Object

Questions to ask:

- What company makes your object?
- What steps are they taking to be environmentally and socially sustainable?
- Are they able to achieve economic success AND be environmentally and socially sustainable? Or do they prioritise profits over sustainability?

Beware of greenwashing!

ual:

Economic Sustainability and Plastic Waste



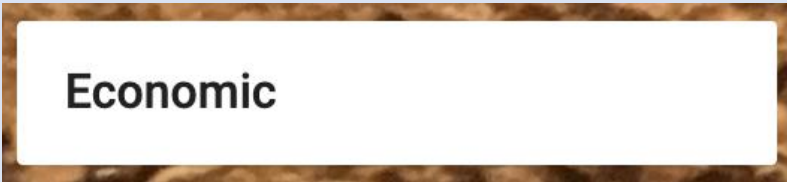
Keywords

- "Plastic waste" or Plastic
- Pantene OR Proctor & Gamble
- Profit

ual:

Economic Sustainability – your object

On Padlet:



1. Add a section for Economic under your object image

2. Add keywords that relate to your object in the context of economic sustainability

3. Search for the company or industry in [ProQuest:](#)
[News & Newspapers](#)

ual:

What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

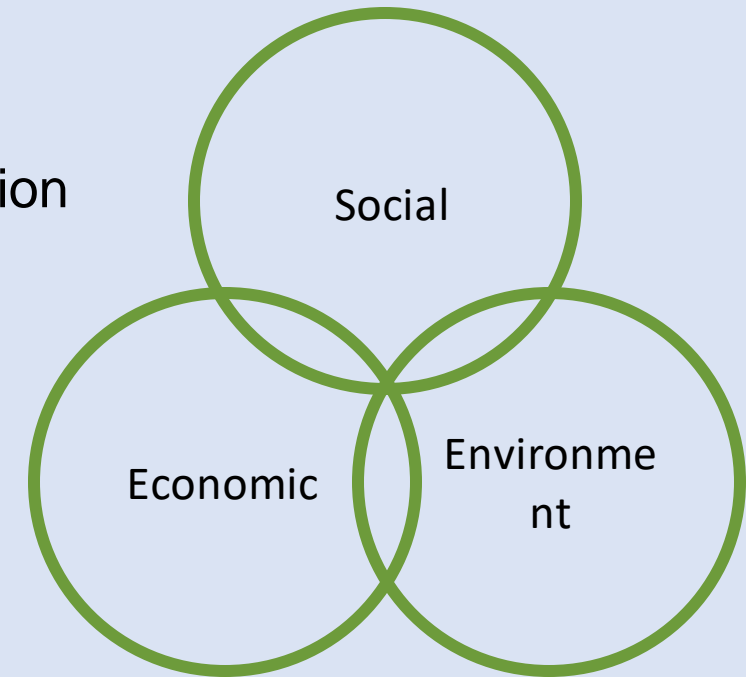
- **Social**

People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation

- **Economic**

Can (and should) a business be profitable and sustainable?

- **Environment**



What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

- **Social**

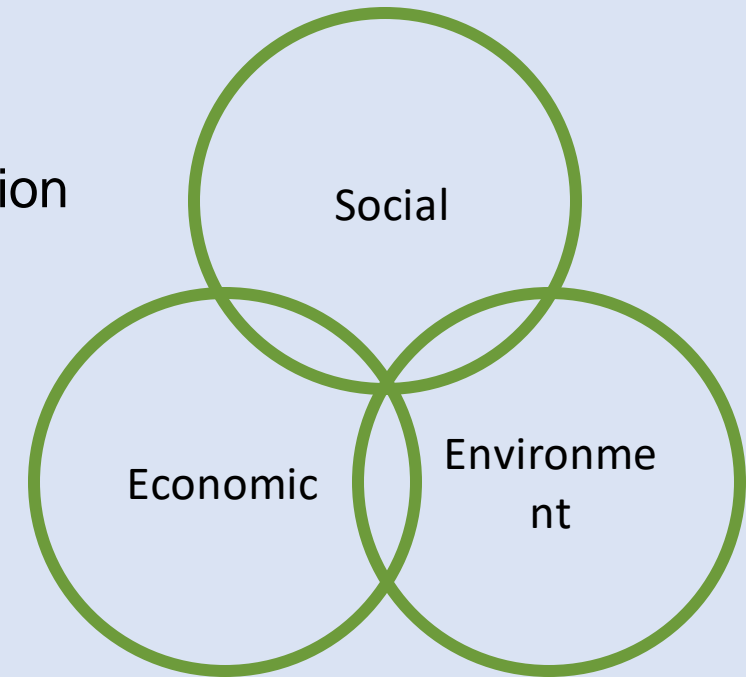
People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation

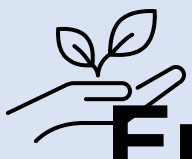
- **Economic**

Can (and should) a business be profitable and sustainable?

- **Environment**

Responsible use of natural resources, Pollution prevention, Biodiversity, Soil regeneration





Environmental Sustainability

Finding ways to conserve natural resources and to develop alternate sources of power and reduce pollution and harm to environment

Associated words include:

- Regenerative
- Waste
- Pollution
- Ecological
- Biodiversity
- Ecosystem
- Extraction
- Natural world
- Energy / Power

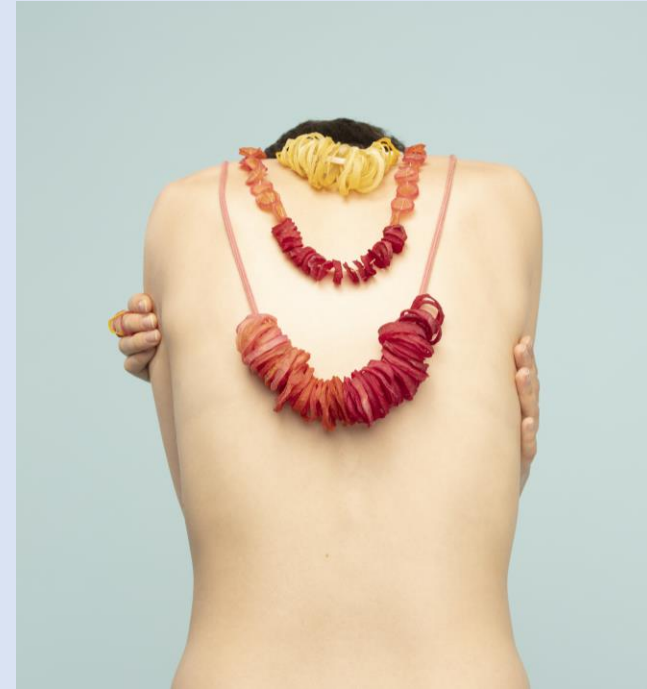


ual:

Environmental sustainability for art and design



Wool: Re-Crafted, Biodegradable and compostable vegan alternative to sheep wool.
Created by Nathalie Spencer, MA Material Futures at UAL.



p'Ocean, Biodegradable Jewellery.
Created by Joarla Caridad, MA Jewellery Design at UAL.

Environmental Sustainability: Plastic Waste

Questions to ask to analyse your object/material and relate to environmental sustainability



Do you know what the material is made from?

Do you know it's full content and it's raw form?
Is it natural or synthetic?

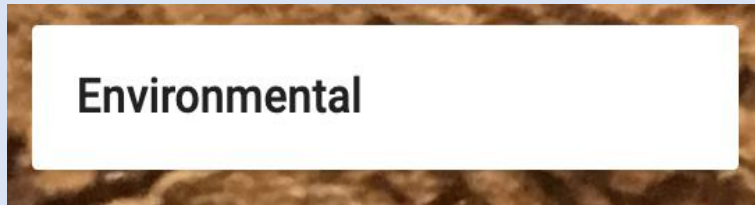
How is it made? What process and energy is
used to make this material or object?

What will happen to it after it is used?
Can it be re-used, recycled or does it go back in the earth?
Is it Biodegradable or Compostable?

ual:

Environmental Sustainability: your object

On Padlet:



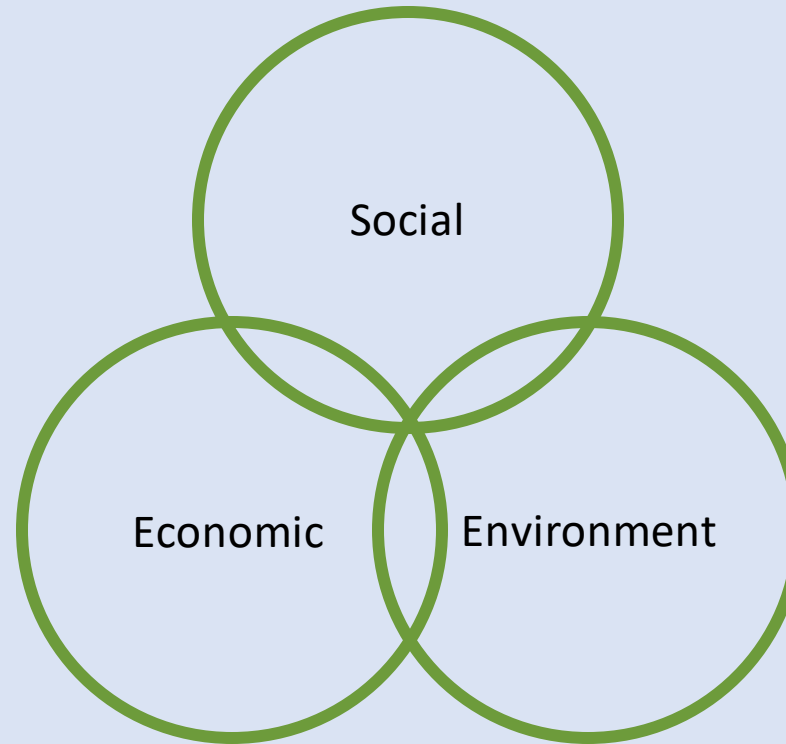
1. Add a section for Environmental under your object image

2. Add keywords that relate to your object in the context of the environment

3. Find an **article** or details of a **material** on [Material District](#)

ual:

Reflection



ual:

What is sustainability?

We can research and relate sustainability to our chosen object using this framework:

- **Social**

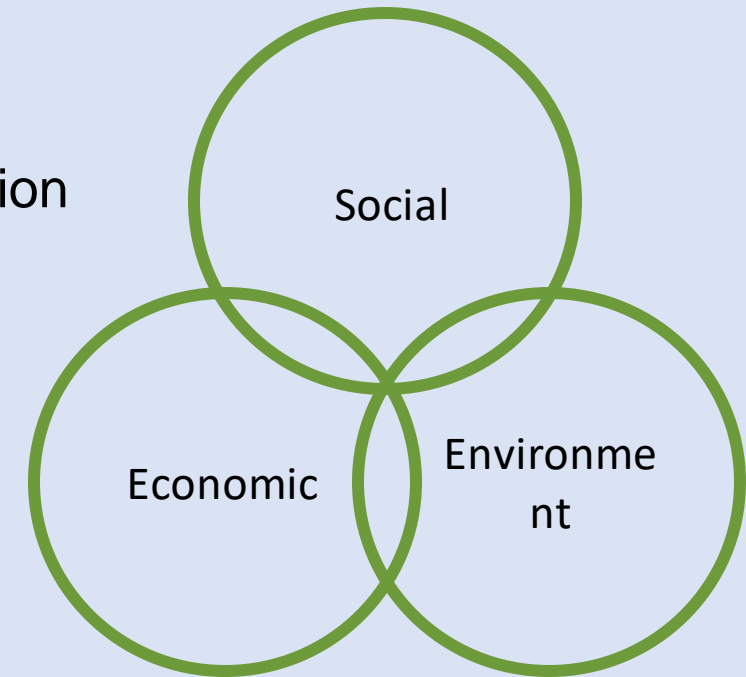
People, Equal opportunity, Community, Fair living standards, Education for all, Cultural habits and preservation

- **Economic**

Can (and should) a business be profitable and sustainable?

- **Environment**

Responsible use of natural resources, Pollution prevention, Biodiversity, Soil regeneration



Subject Guides

Materials and Products: Sustainability: reading, viewing, listening

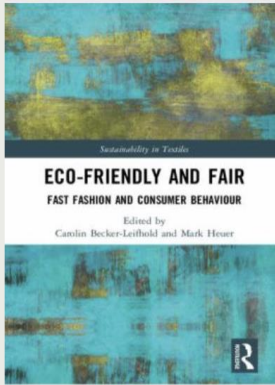
UAL Materials Collections

Home About the LCF Collection About the CSM Collection Materials Databases Books & E-books Journals & E-journals Sourcing materials

Recommended viewing and listening Sustainability & Materials DIY Making your own materials Worksheets / guides / tutorials Studios / Workshops / Fab Labs London

Special Collections, Museum & Archive Collections The Sustainable Angle: Sustainable Materials EduSeries Contact & Support News, Events & Workshops


Recommended reading




Eco-Friendly and Fair

Recommended viewing

- Sustainability documentaries: Box of Broadcasts
- Sustainability documentaries: Kanopy
- Centre for Sustainable Fashion videos
- Ellen MacArthur Foundation: Circular economy YouTube channel
- The Sustainable Angle - Materials solutions masterclass presentation zoom recording
- TED Talks: Sustainability






Recommended listening

- The Guardian: Is fair trade finished? Podcast
- Smart Creation: Exploring the potential of sustainable fashion. Podcast
- The Drop: investigative, mindful, and creative dive into the future, through the lenses of design, fashion, and creativity. Podcast
- The Guardian: Can the fashion industry ever be sustainable? Podcast
- Sustainababble Podcast


Description

Sustainababble: a weekly podcast about the environment, for and by the confused.



- Think: Sustainability - #77 - The hunt for coral supe...
- Think: Sustainability - #76 - The Age Of Citizen Scie...
- Think: Sustainability - #75 - Why we shouldn't chop...

Cookie policy

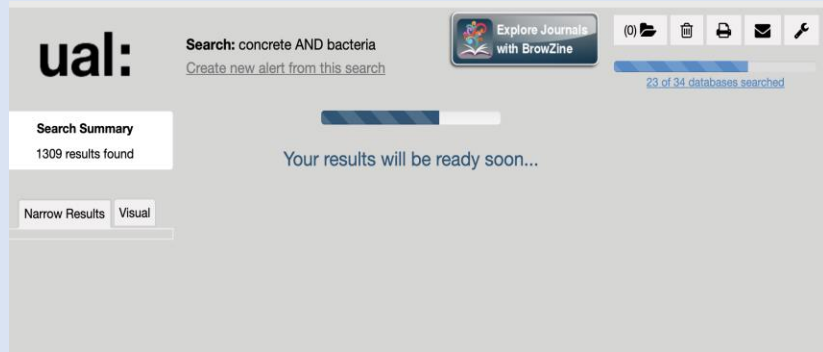


- Recommended resources
- Great place to continue your research

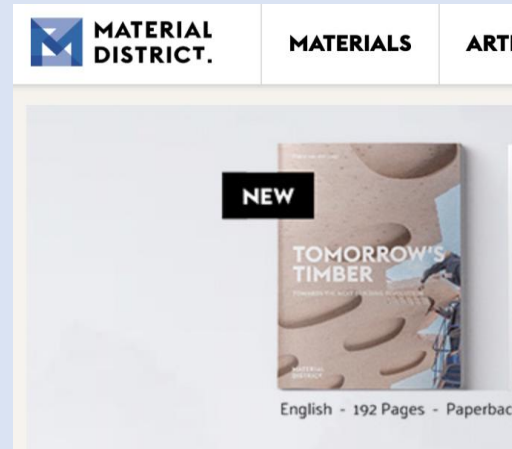
ual:

arts.ac.libguides.com/Materials/sustainability

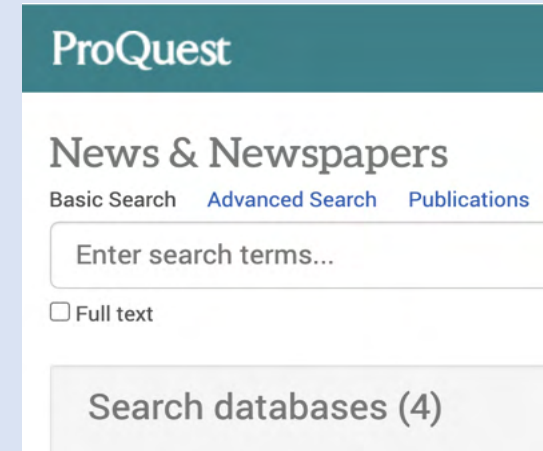
Resources



[Articles Plus](#)



[Material District](#)



[ProQuest:](#)
[News & Newspapers](#)

Important Library info

Your librarian:

- Julia Flood, j.flood@arts.ac.uk

Library search page: libsearch.arts.ac.uk/

Materials & Sustainability: arts.ac.libguides.com/Materials/sustainability

ual:

Questions?

Feedback Poll

Did you find this session:

Useful

Not Useful

Not Sure

ual: