



ELLEN MACARTHUR FOUNDATION

June 30th 2021

BlackRock



Eric & Wendy Schmidt Fund for
STRATEGIC INNOVATION

Google

H&M Group



INTESA  SNIMPOLO



PHILIPS



scJohnson
A healthy company
is a healthy environment



SUN Institute
Environment & Leadership
enabling business transformation



FLOW

- What is the circular economy?
- The role of the higher education
- Circular economy procurement
- Sustainable Purchasing Leadership Council
- Barnard College & Rheaply
- Breakouts
- Closing



Ellen MacArthur Foundation

We **develop** and **promote**
the idea of the circular
economy

We **engage** and **inspire**
key actors in the system

We **mobilise** systems
solutions at scale, globally



Business

Business-led collaboration & disruptive innovation are key to building a circular economy

Learning

The transition to a circular economy requires us to transform the way we create products, services, and systems, and is dependent on how we learn

Institutions, Governments & Cities

Create the enabling conditions for a circular economy, set direction, and drive innovation and investment.

Systemic Initiatives

Transforming key material flows to scale the circular economy globally

Insight & Analysis

We provide robust evidence on the benefits of a circular economy, showcasing the implementation of circular economy principles

The Circular Economy Show



FROM LINEAR TO CIRCULAR

Circular economy learning programme

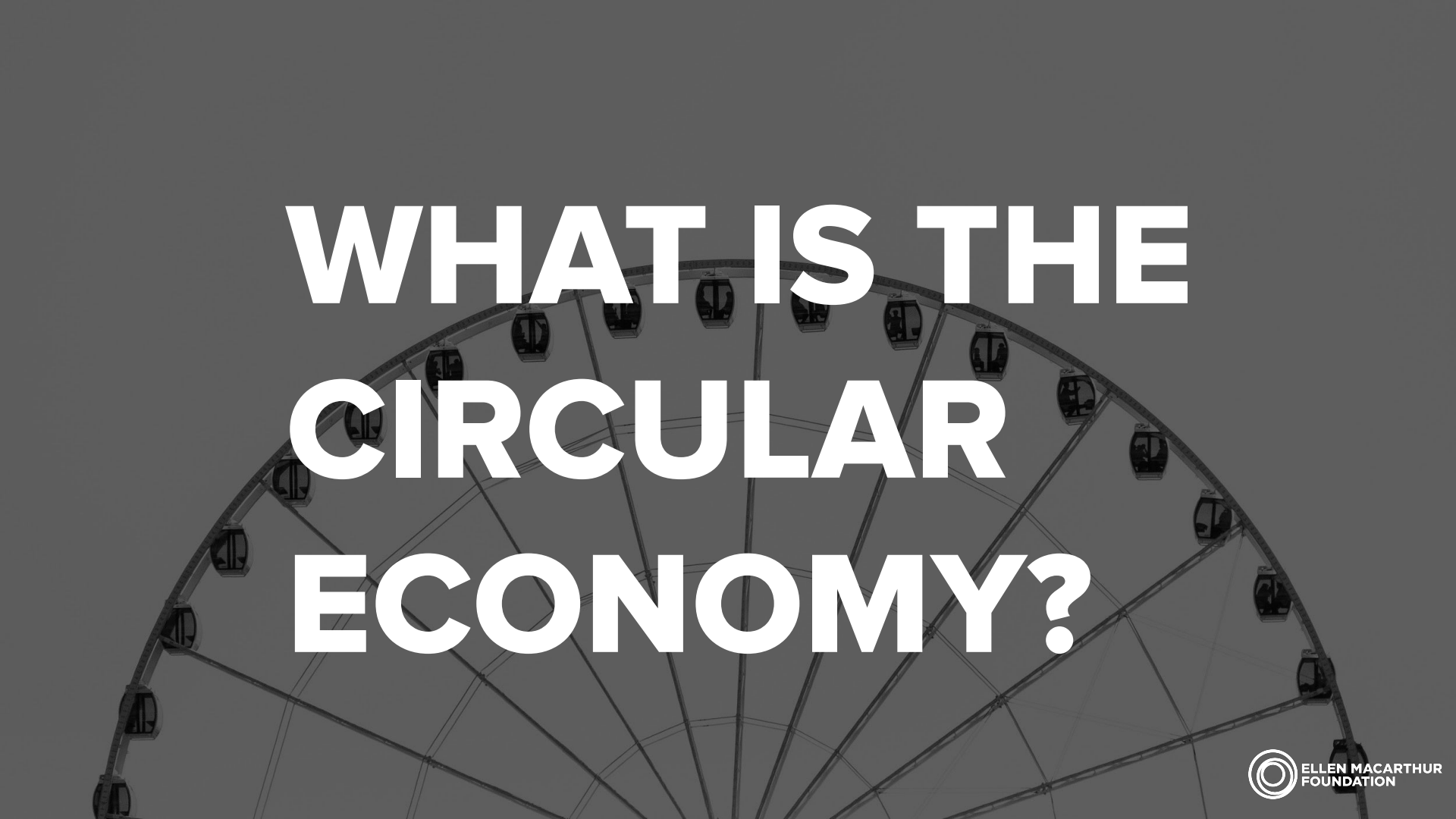
Now open for applications!





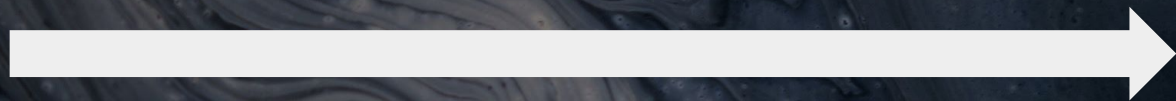
In one word or phrase finish
this sentence

“The circular economy is...



WHAT IS THE CIRCULAR ECONOMY?

THE LINEAR ECONOMY



Take - make - waste

By 2050 there will be more plastic than fish in the ocean

1/3 of all the food produced globally is wasted

Every second
the equivalent of a garbage truck
of textiles is landfilled or burned

Global wildlife populations
have fallen **68%**



45%

of emissions from
the products we
make and use



“
**A Circular economy is a
necessity for climate
neutrality.**

*Frans Timmermans
Vice-President of the European Commission*



Photo by [kazuend](#) on [Pexels](#)

**The circular economy is built on three principles,
all **driven by design**:**



Eliminate waste and pollution



Keep products and materials in use



Regenerate natural systems

RENEWABLES



FINITE MATERIALS

REGENERATE

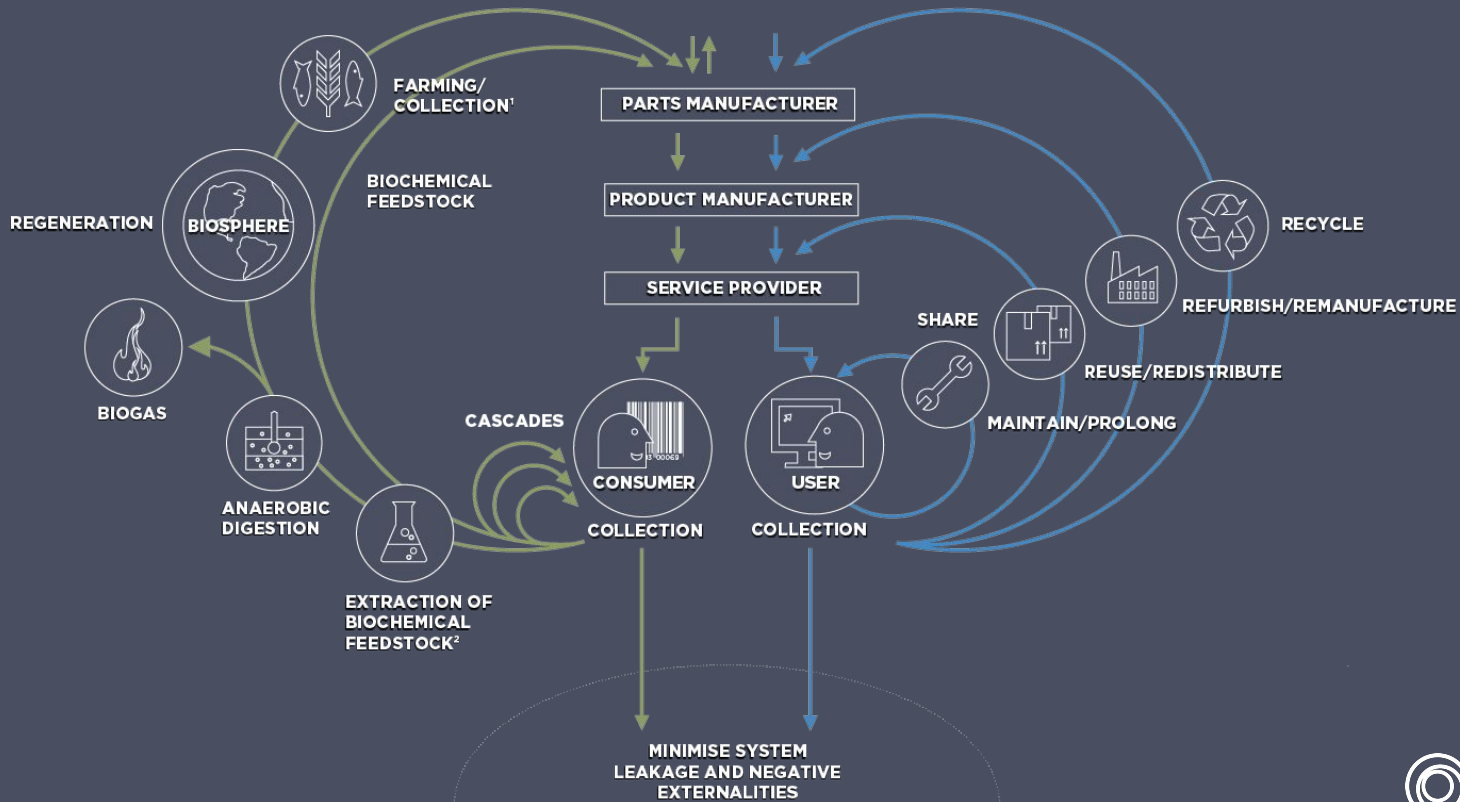
SUBSTITUTE MATERIALS

VIRTUALISE

RESTORE

RENEWABLES FLOW MANAGEMENT

STOCK MANAGEMENT



A large group of graduates in black gowns are silhouetted against a vibrant sunset sky. They are throwing their black mortarboards into the air, and several caps are captured mid-flight. The scene is set on a hillside with some trees visible in the distance.

THE ROLE OF HIGHER EDUCATION

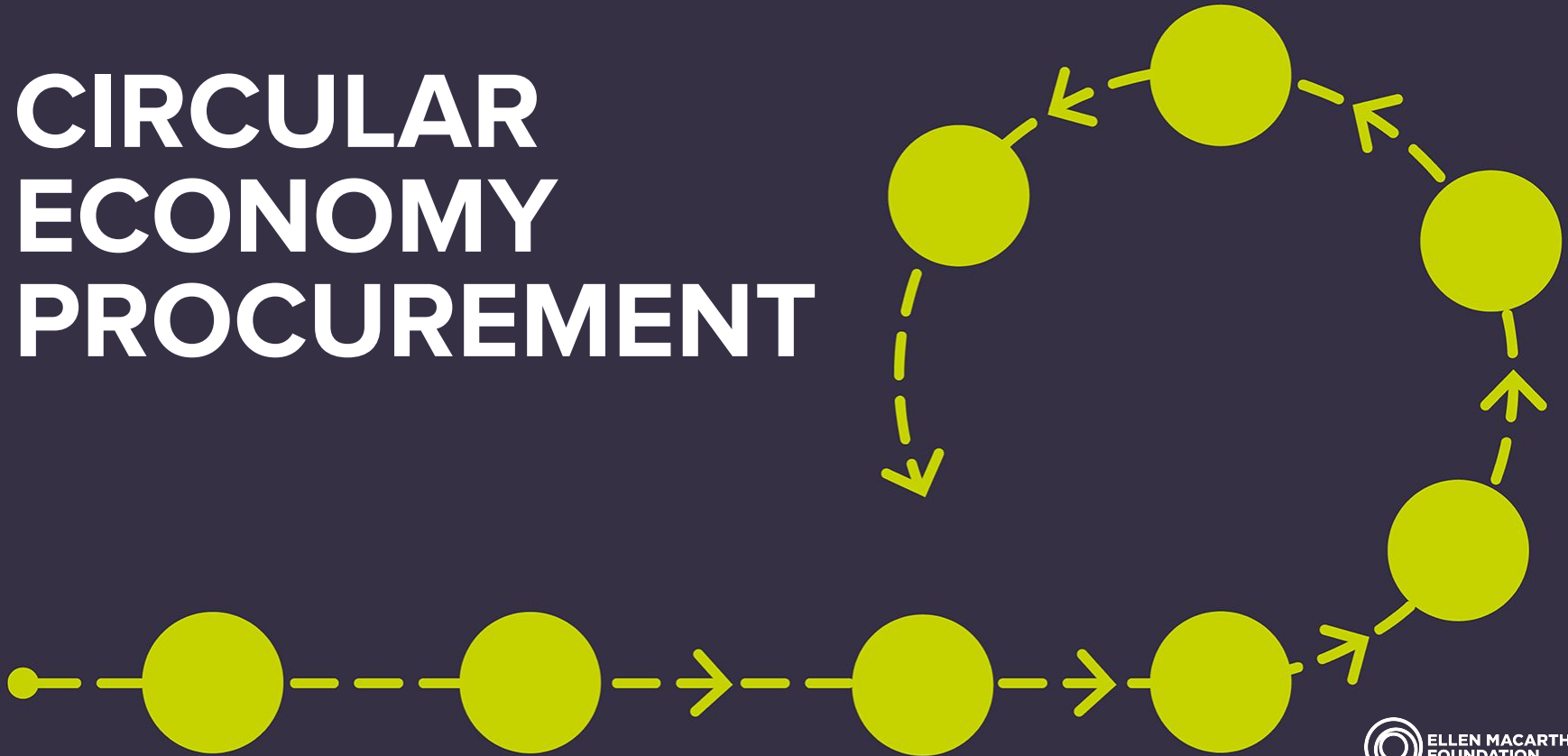


New York City - sectoral potential

- **100+** higher education institutions in NYC
- About **600 000** students + 1000's of staff
- **1.8 million+** meals per day!
- **\$77m** is the annual operations budget - FIT
- **\$3.8m** 2018 capital expenditure - Barnard

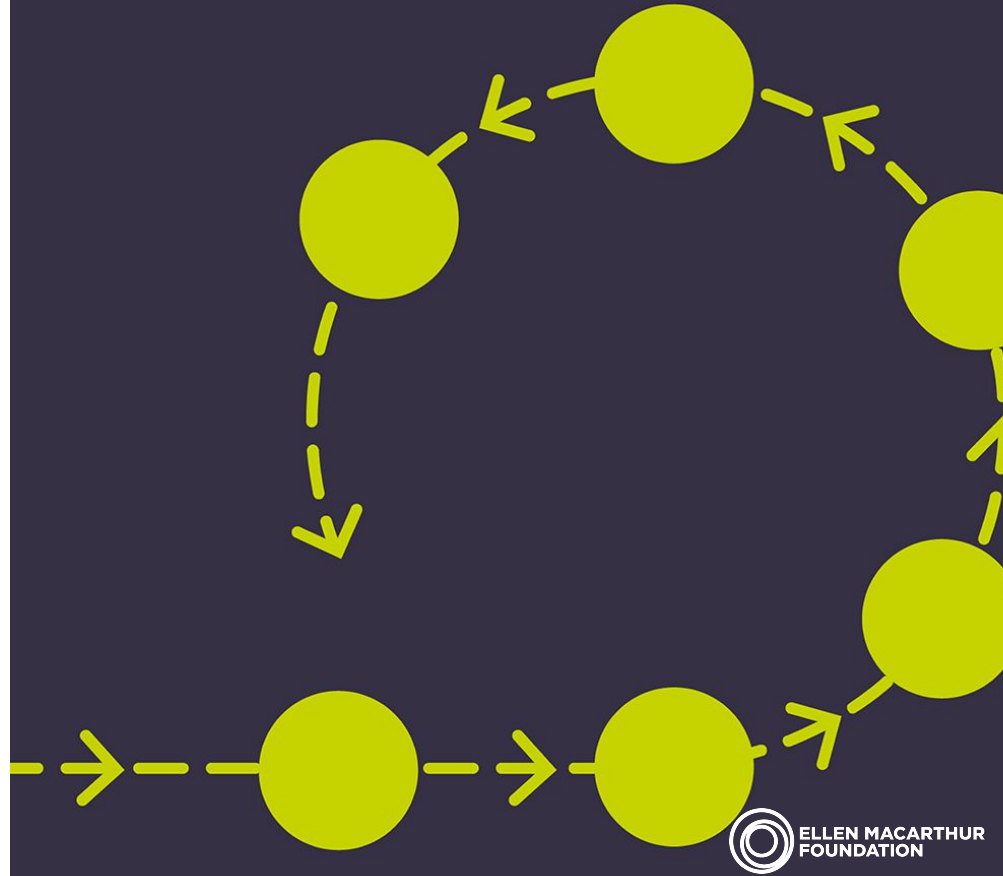


CIRCULAR ECONOMY PROCUREMENT



Benefits

- Cost savings
- Jobs, skills & innovation
- Health & environment
- Community and social prosperity
- Resource use



Built environment

Ask yourself:

- Can you reuse existing products, systems or components?
- Can you source recycled or reusable building materials?
- Can you source items that are free from any hazardous materials?
- How will the final project help to regenerate natural systems?



Food

Ask yourself:

- Can you purchase regeneratively grown produce?
- Can you purchase produce grown locally where appropriate?
- Can you purchase ingredients that are made from by-products of other processes?
- Can you purchase diverse and/or seasonal ingredients?



Products

Ask yourself:

- Can you repurpose what you already have?
- Can you purchase the access without the ownership?
- Can you purchase items that are used more?
- Can you purchase items that are made to be made again?
- Can you purchase items that are made from safe and renewable inputs?





SUSTAINABLE PURCHASING LEADERSHIP COUNCIL



BARNARD COLLEGE & RHEAPLY

A grayscale image of a Ferris wheel, viewed from a low angle looking up. The wheel's structure, including its spokes and passenger capsules, is visible against a dark gray background. The word "BREAKOUTS" is superimposed in the center in a large, bold, white sans-serif font.

BREAKOUTS

Breakout questions:

- What are you already doing?
- After today, what are the next steps you're going to take?
- What do you need more of?
Where are you feeling stuck?





Zoom Shower questions

- 1. What are you already doing?**
- 2. After today, what are the next steps you're going to take?**
- 3. What do you need more of?
Where are you feeling stuck?**

**HE
resources**

**LinkedIn
groups**

**Case
study
library**

RESOURCES

<https://www.ellenmacarthurfoundation.org>

**YouTube
Channel**

**Procurement
Framework**

**From
Linear to
Circular**