

Interreg 

France (Channel
Manche) England

European Regional Development Fund

BLUEPRINT 
to a Circular Economy



EUROPEAN UNION

Welcome to the BLUEPRINT Circular Economy Roadshow

The session will begin soon

projectblueprint.eu

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Training and skill development for a circular economy

Thursday 12 May | 14:00-15:45

Interreg



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Housekeeping



This session will be recorded



Use the chat/Q&A box for your questions



Please leave feedback

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Training and skill development for a circular economy

Chair's welcome

Antonio Sanchez-Vazquez, Anglia Ruskin University



The BLUEPRINT Training Programme



EUROPEAN UNION

Developing a Sustainable and Circular Economy



Outline

- Landscape
- The training programme as part of the project (WP2)
- Objectives
- Highlights and lessons learned so far
- Next steps

Background

- The climate crisis
- The circular economy
- The social economy
- Social enterprises
- International project and cross-border integration
- Inclusive design and delivery modalities

Objectives

- Establish a training programme to support individuals into work
- Co-design and co-develop training specific to the sector
- Support learners to improve their prospects of employment
- Engage with project partners, social enterprises and training organisations throughout
- Promotion and uptake of the training programme and resources
- Delivery actors to maximise impact (make a difference)
- Feed in learning into the BLUEPRINT model

Outcomes (Work Package 2)

- ✓ Training modules co-developed with partner organisations
- ✓ In the UK led by Anglia Ruskin University (ARU)
- ✓ Modules deliver training to Social Enterprises and individuals
- ✓ Piloted ARU Modules
- ✓ Engagement with project partners and training organisations
- ✓ Promotional & pedagogical support for SE & training organisations
- ✓ Blueprint Training Website
- ✓ E-Learning Platform (Moodle)

Highlights so far

- ✓ Module Co-development / Co-design
- ✓ Multiple delivery modes to enhance reach (flexibility)
- ✓ Modules specific to sectors, independent value
- ✓ Different entry levels to build up skills
- ✓ SE are engaged and delivery has started
- ✓ SCESE (Sustainable Circular Economy Social Enterprise)
Network landscape mapped in the UK project area

Eligibility Criteria

- ✓ Meet the definition of disadvantaged person/worker
- ✓ Staff and/or Volunteers in Social Enterprise, or Small and Medium Enterprises (SME)
- ✓ Reside/Work in the project geographical area
- ✓ Self-Declaration by learners

Co-Design

- Inclusion of feedback from key project partners during the design and development of the 4 modules created by ARU.
- Introductory module well suited to delivery by Adult Learning Centres

Piloting

- Introductory ARU Module piloted by 2 Adult Learning Centres and 1 Social Enterprise.
- Feedback collated from learners and tutors.
- Other 3 modules to be adapted by delivery partners to suit target audiences.

UK Social Enterprises

- 100+ Social Enterprises have been identified as suitable organisations for the SCESE Network (accelerator)
- Developing scalability through engagement
- Social Enterprises in UK are already developing modules
- ARU's supporting role in the UK

Lessons Learned

- Marketing is a key success factor to delivery
- Different modules have different learner profiles
- The introductory module is suitable for all learners
- Some modules require tutor-led format
- Delivery needs to be monitored and recorded

Learner Tracking

- Online scorecard updated by delivery organisations
- Targets
- Certificates to enhance CVs
- Monitoring learners who enter the labour market

Training Organisation	Select Cohort	Select Module Name	Select Mode of Delivery	Date	No. of Attendees	No. of Eligible Learners
Essex ACL	ECC ACL 1	Do More, Waste Less: Skills & Opportunities in the Circular Economy	Tutor-Led Online (Teams/Zoom)	23/02/22	3	
	Total				3	0
B&H ACL	B&H ACL 1	Do More, Waste Less: An Introduction to a Greener Economy		15/02/22	20	
	Total				20	0
Moodle			E-Learning E-Learning E-Learning E-Learning E-Learning			
	Total				0	0
CCORRN	CCORRN 1	Do More, Waste Less: An Introduction to a Greener Economy	Tutor-Led In Person	04/03/22		
	Total				0	0
PECT	PECT 1	Do More, Waste Less: An Introduction to a Greener Economy				
	Total				23	0

Next Steps

- Marketing plans need to be refined and actioned by delivery partners
- Large scale roll out of Introductory module (1)
- Other ARU modules that require tutor-led format amended, as required, by delivery partners to fit the needs of learners
- Delivery is to be scaled up and rolled out more widely
- Engage with SCESE Network to extend training delivery

Thank-you / Merci

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Dr Chris Callaghan: chris.callaghan@aru.ac.uk

Dr Alex Mifsud: alex.mifsud@aru.ac.uk

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Training and skill development for a circular economy

1. Adam Read, CIWM
2. Katie Cockburn, CIWM
3. Hannah Lane, Redress

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Training and skill development for a circular economy

Speaker slides...



The Chartered Institution
of Wastes Management

Skills for the Circular Economy

Skills for the future

Dr Adam Read
CIWM President



Petra Draha Commons Wikimedia



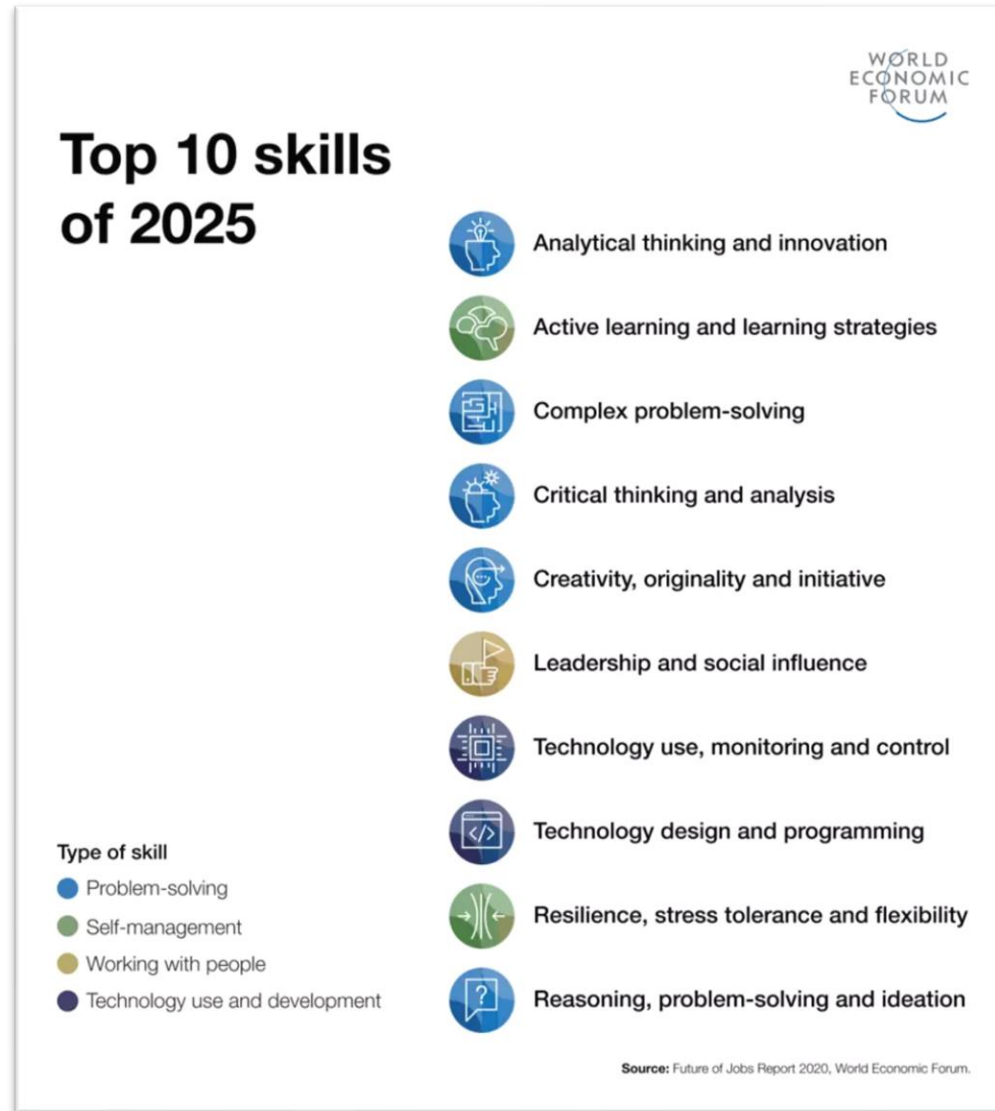
In the beginning...

Why are skills so important?

- It starts with education...
- But we also need the right skills **NOW**.
- Covid-19 Pandemic has accelerated the pace of change, but we need to do more.

Transition to Online

"I think we've probably gone through about five years in the space of 18 months. That would be my guess."
Baroness Lane Fox



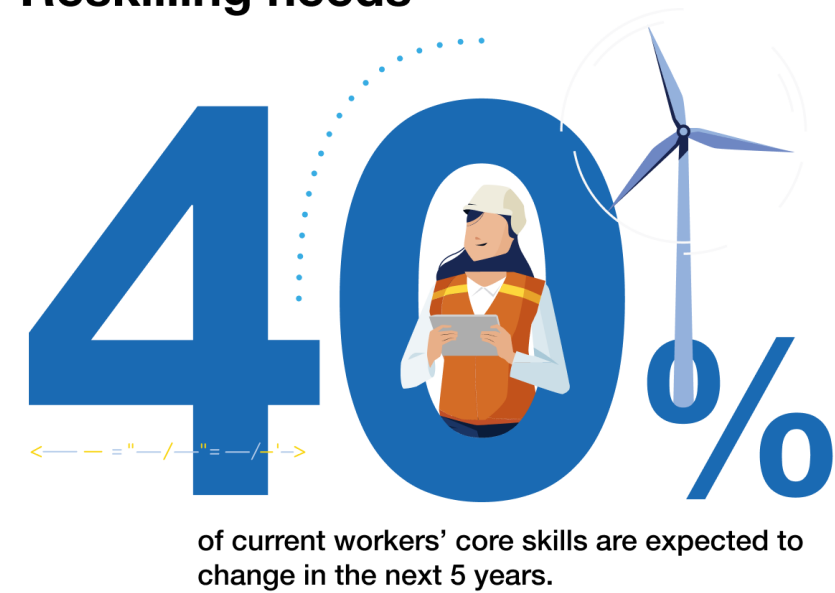
Reskilling and upskilling

Reskilling needs



Source: Future of Jobs Report 2020, World Economic Forum.

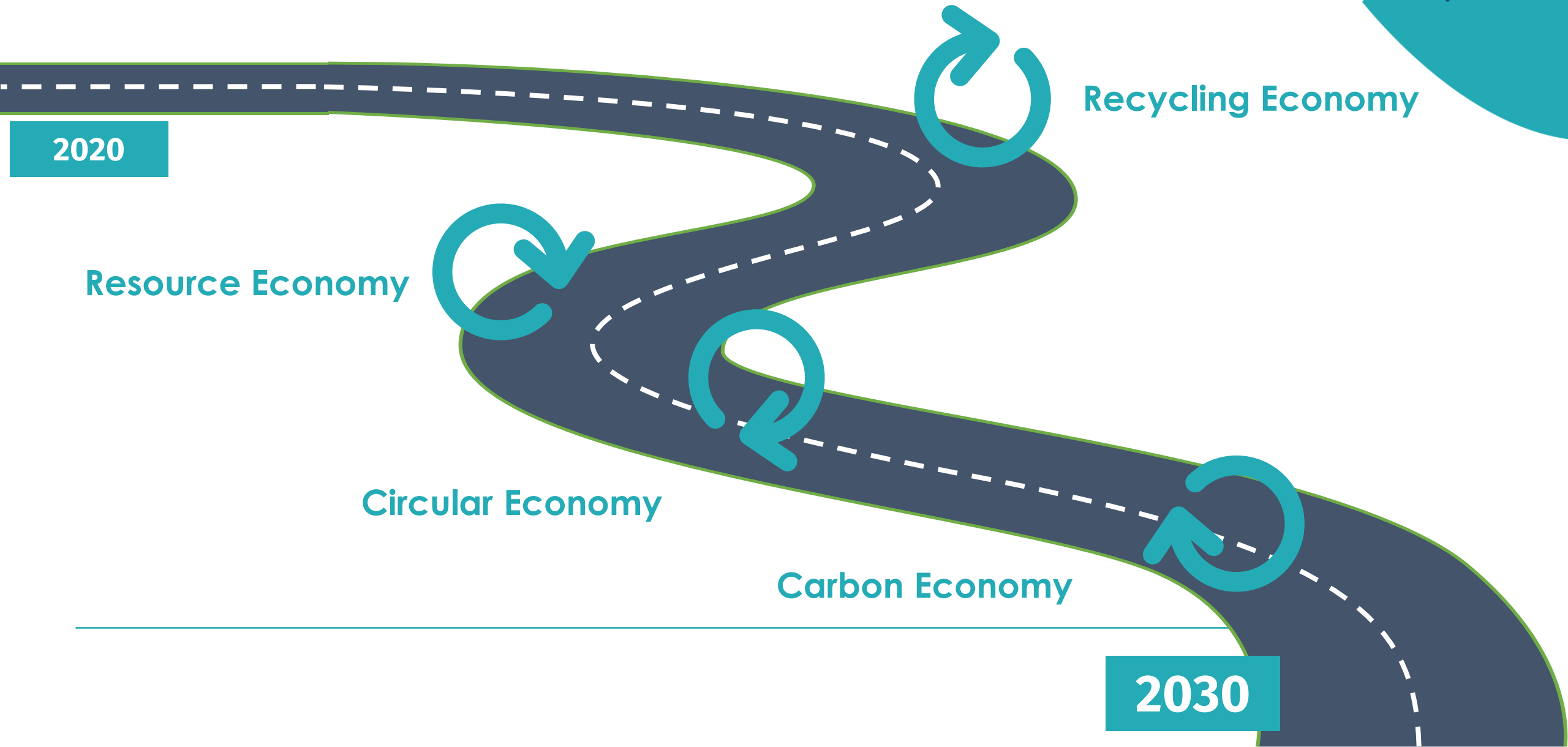
Reskilling needs



Source: Future of Jobs Report 2020, World Economic Forum.



Evolution and Revolution – the road to 2030





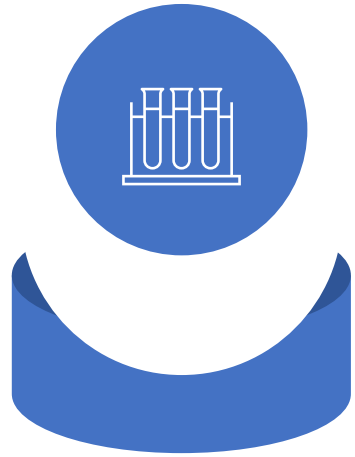
The Chartered Institution
of Wastes Management

What can CIWM do?

Skills for the future

Katie Cockburn
CIWM Professional Services Director

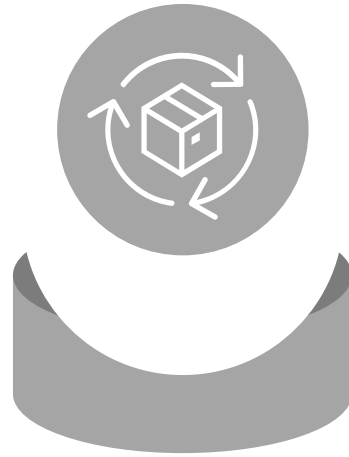
Sector collaboration



**Materials and
Chemicals**



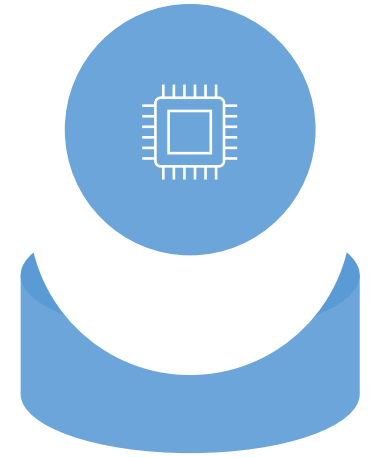
Design



**Producers and
Manufacturers**



**Retail 2.0 and
Logistics**



**Information
Technology**



Sector skills

COMMUNICATIONS
AND BEHAVIOUR
CHANGE

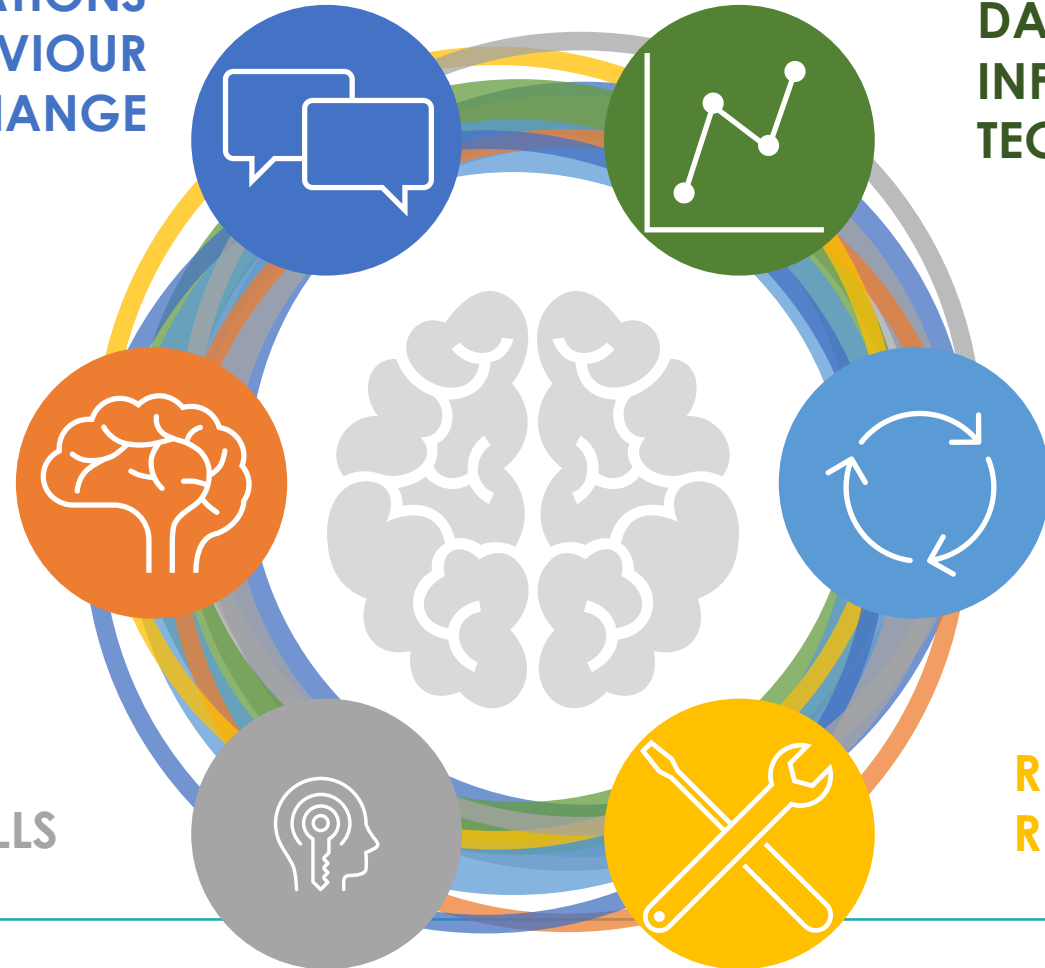
DATA AND
INFORMATION
TECHNOLOGY

SYSTEMS
THINKING

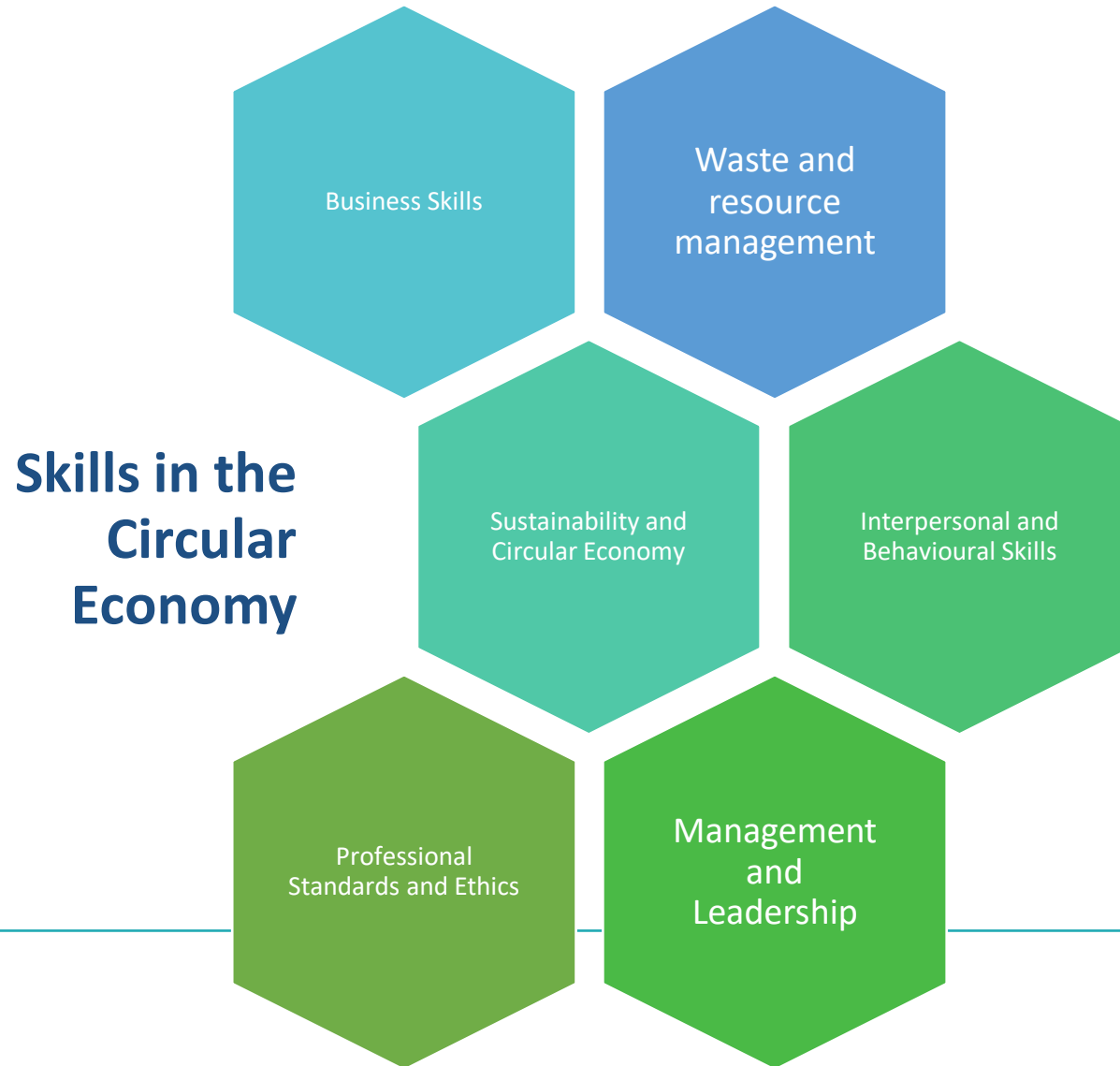
CIRCULAR
ECONOMY

SOFT SKILLS

REUSE AND
REPAIR



The Knowledge Framework



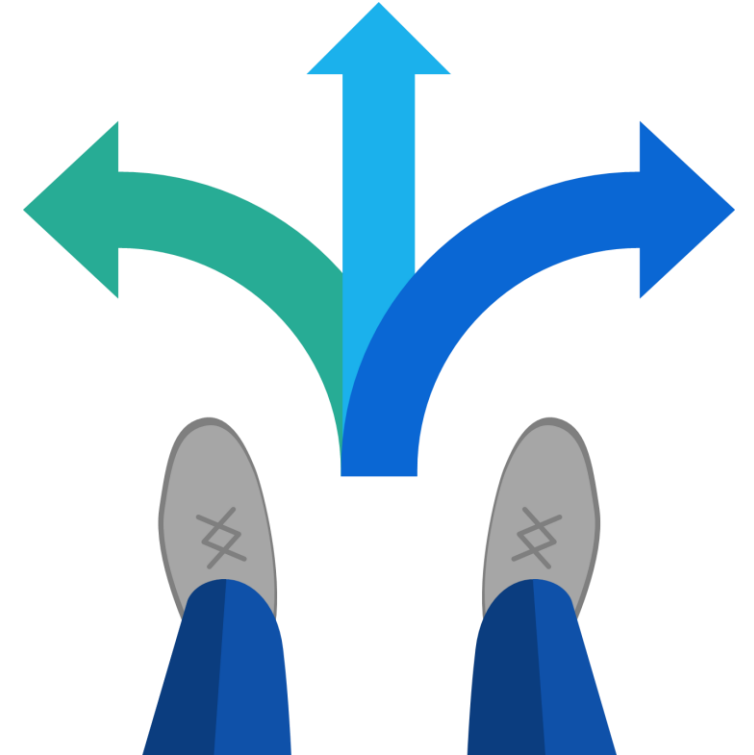
Tackling the 'How' - More for professional life

- Able to support career progression – with programmes linked to development routes in the sector.
- Enhanced online, e-learning, on-demand and blended learning approaches.
- Consultation and review of the Operator Competence Scheme (UK).
- Modularised learning for ease of access.
- Funded learning where possible via Apprenticeships, funded qualifications and bursaries.
- Exploration into gamification – AI, augmented reality, virtual reality



Global Thinking

- Qualifications – mapping, recognition, comparability
- Access to government funding for employers (UK) via:
 - Adult Education Budget
 - Skills for Life Guarantee
 - Apprenticeship Levy
- Opportunities for funded developments globally
- Innovation hubs



Partnership Opportunities

- Professional Bodies
- Trade Associations
- Training Providers
- Corporate Businesses



Leading on our areas of expertise, and partnering with experts to offer a complete service to members.



Thank you

Katie Cockburn

CIWM Professional Services Director

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REDRESS - WORKING TO DRIVE CHANGE IN EDUCATION





Designers are thought to influence up to 80% of the environmental impact of products

- Only 31% of designers we surveyed received circular or design training as part of their university training
- 80% said they had to do own research to build their knowledge





- Sustainability is still far from being the staple it should be



- Tomorrow's designers are so much more than creatives



- Sustainability concepts can be hard to grasp



- Young professionals have well defined values that guide them in their employer choice
- Fashion companies are increasingly embedding sustainability
- Consumers are more aware and engaged



A GLOBAL PLATFORM FOR CHANGE

Placing emerging sustainable fashion designers and brands in the spotlight and providing them with real-world retail opportunities



Promoting circular design within the broader mainstream fashion industry



Providing critical educational resources to support immediate and future needs for industry change



Capitalising on market opportunities by aligning with, and showcasing, top sustainable designers and brands





The Redress Design Award has established itself as a recognised brand in the sustainable fashion design community by educating emerging fashion designers in order to drive growth towards a circular fashion system.



VICTOR TSANG
Head of Create Hong Kong The Government of the Hong Kong Special Administrative Region

50,000+
Over 50,000 reached globally with our education

140+
Supported by 140+ educational institutions worldwide, including The Hong Kong Polytechnic University (HK), Bunka Gakuen University (Japan), Donghua University (Mainland China), Aalto University (Finland), Sheffield Hallam University (UK), Parsons School of Design (USA), ESMOD (France), Central Saint Martins (UK), and more

218 ALUMNI | **38 REGIONS**
Ongoing support for our 218 talented competition alumni from 38 regions, empowering these change-makers and their work to transform fashion and join our educational efforts in their own regions

NORTH AMERICA

14 UNIVERSITY PARTNERS



CENTRAL & SOUTH AMERICA

3 UNIVERSITY PARTNERS

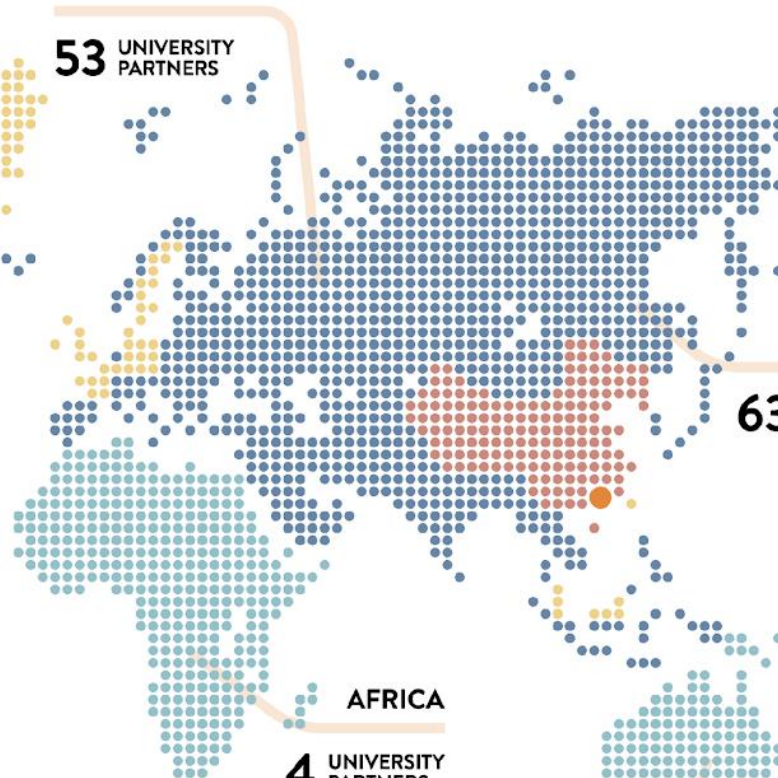
56 REGIONS

Applications from designers across 56 countries and regions since the inaugural cycle



EUROPE

53 UNIVERSITY PARTNERS



ASIA

63 UNIVERSITY PARTNERS

AFRICA

4 UNIVERSITY PARTNERS

OCEANIA

10 UNIVERSITY PARTNERS



EDUCATOR WORKSHOP INITIAL FINDINGS

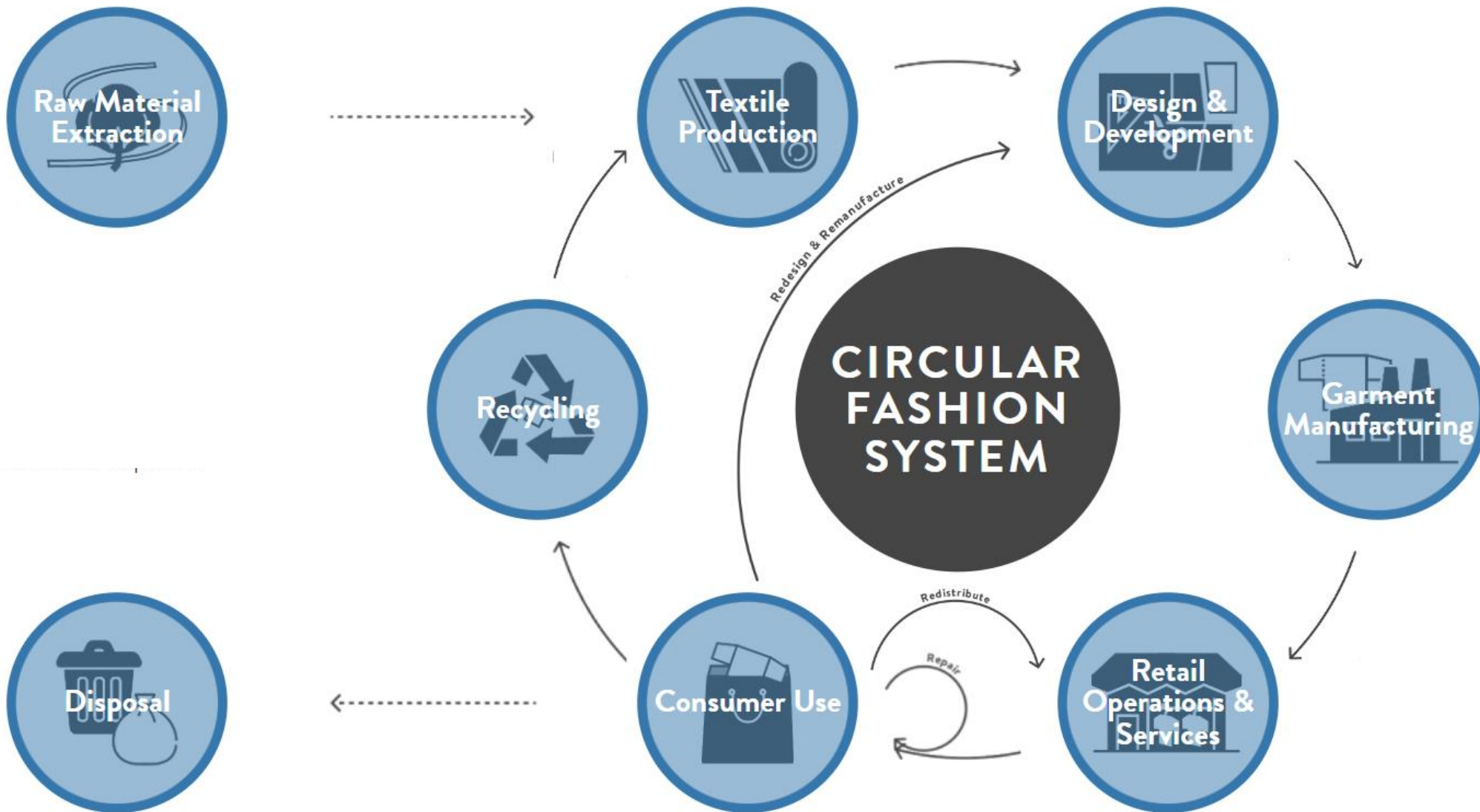
RESISTANCE TO CHANGE - Extensive evidence of academics and teams not engaging with sustainability in their teaching of fashion and textiles. Likely due to lack of understanding, time and resources.

PERSONAL MOTIVATION - An overall feeling that though there are a growing number of examples of good practice occurring, these are sporadic and often motivated by the individual.

LACK OF SUPPORT - Academics that are engaged in teaching sustainability within their discipline often feel unsupported by their wider team and become independent champions for their team/department.



REDRESS





REDRESS ACADEMY

How to approach Circularity in Fashion?

CIRCULAR FASHION SYSTEM



RAW MATERIAL EXTRACTION

Petrochemistry, Farming and Harvesting

Virgin raw materials supporting renewable and regenerative practices rather than depleting natural resources. Understand the provenance and specific properties of fibres in order to select the most adapted ones.



TEXTILE PRODUCTION

Spinning, Weaving, Knitting, Dyeing and Finishing

Transformation of fibres into yarn and fabric minimising water, chemical and carbon footprints. Make educated decisions on which processes to choose thanks to certifications and impact tracking



CIRCULAR FASHION

EDUCATOR RESOURCES

SUSTAINABLE FASHION EDUCATOR PACK



The Sustainable Fashion Educator Pack is an entry-level resource developed for educators in higher education to deliver the message of sustainable fashion to their students and includes introductions, case studies, project briefs and more. The Pack is updated every year with new relevant content.

Available in English, Chinese (simplified and traditional) and French.

[REGISTER FOR FREE ACCESS HERE](#)

JOIN AN EVENT



Every year, Redress organises free-to-attend events for fashion educators in Hong Kong, Asia and across the world. The Workshops are focused on knowledge exchange and experience sharing in developing sustainable fashion education. It's a great opportunity to connect with like-minded educators across the world.

[I AM INTERESTED!](#)



[Check out the webpages here](#)



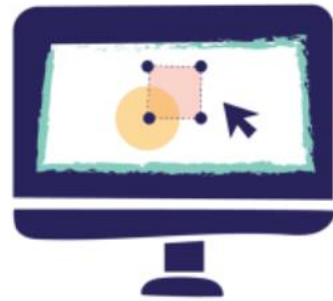
ECF CIRCULAR FASHION EDUCATION PROGRAMME

Teacher and Student Toolkit

While the world of fashion may seem glamorous from the outside, it is one of our planet's most polluting industries, affecting everything from our land to our water – and even the air that we breathe. This educational toolkit is designed for primary and secondary teachers and students, and aims to:



EXAMINE



LEARN



EMPOWER



INSPIRE



Get Redressed CLOTHING DRIVE

REUSE
REWEAR
RECYCLE



Get Redressed CLOTHING DRIVE



REUSE
REWEAR
RECYCLE

Get Redressed CLOTHING DRIVE



REUSE
REWEAR
RECYCLE



Our work to shift behaviour in Hong Kong



REDRESS

GET
REDRESSED
MONTH
2020

@GetRedressed

@RedressAsia

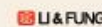
ALMOST ONE THIRD OF CLOTHING IN HONG KONGERS' WARDROBES IS NEVER OR RARELY WORN.



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THANK YOU

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Q&A

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Thank you for attending!

Please complete our quick feedback survey



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 blueprint.project@essex.gov.uk