

Date: Tuesday 12th November 2019
Time: 13:30–14:30
Venue: Virtual
Resources: [Available here](#)



MINUTES

Sustainable Construction Topic Support Network Meeting

Attendees:

Al	Clark	University of St Andrews	AC
Andy	Anderson	APUC	AA
Jill	Burnett	EAUC Scotland	JB
Lucy	Black	Construction Scotland Innovation Centre	LB
Nick	Ribbons	Zero Waste Scotland	NR
Peter	Hayakawa	University of Edinburgh	PH
Ray	Walkinshaw	Ayrshire College	RW
Špela	Rapoša	Zero Waste Scotland	SR

Apologies:

David	Charles	University of Strathclyde
Peter	Phelps	University of Bath
Roddy	Yarr	University of Strathclyde
Scott	Brewster	Brewster Bros

	SUMMARY OF DISCUSSIONS	ACTIONS
1	<p>Welcome and Introductions <i>Ray Walkinshaw, Convener, Ayrshire College</i></p> <p>Everyone was welcomed to the event and introduced</p>	
2	<p>Circular Economy in Construction <i>Nick Ribbons, Sector Manager Construction, Zero Waste Scotland</i></p> <p>Currently we have a linear economy and there are various risks associated with this (e.g. resource scarcity, environmental impact, higher commodity price).</p> <p><u>Key impacts of the construction sector</u></p> <ul style="list-style-type: none"> • Consumes 50% of the resources of Scotland • Generates 50% of the waste <p>80% of the GHG emissions associated with construction are embodied in the materials so if we design a building where we can reuse the material at the end of life there would be huge savings.</p> <p><u>Key policy drivers</u></p> <ul style="list-style-type: none"> • Making Things Last: Scotland's Circular Economy Strategy • Extended Producer Responsibility Regulations • The Waste (Scotland) Regulations • Scottish Landfill Tax <p><u>Basic Principles for Circular Construction</u></p> <ul style="list-style-type: none"> • Material selection • Build for accessibility • Design for longevity, adaptability • Design for disassembly • Design out waste <p>Zero Waste Scotland has a Construction Material Exchange. You can register and post details of surplus construction materials. Currently planning further promotion to maximize the use of this resource.</p> <p><u>Key resources</u></p> <ul style="list-style-type: none"> • Designing Out Construction Waste Guide • Procuring Resource Efficient Construction Projects <p><u>Questions</u></p> <p>AC: Do you know of any recycling companies that take window glass?</p> <p>NR: Not at the moment but they have successfully introduced it in the Netherlands and ZWS would like to roll out in Scotland.</p> <p>PH: Collaboration needs to happen on a national & regional scale. How are you supporting this?</p>	

	<p>NR: We are talking to partners like Circular Tayside & Glasgow City Deal but engagement is at an early stage. Suggestions are often watered down as there is concern that anything too ambitious will scare potential bidders. We need to work with FHE around skills.</p> <p>PH: With carbon at the top of the agenda do you think circular might get lost?</p> <p>NR: We need to do more work into quantifying the carbon intensity of materials.</p>	
3	<p>Construction Scotland Innovation Centre <i>Lucy Black, Head of Business Relationships</i></p> <p>We offer collaborative support, champion innovation and help to drive change in the supply chain. Linking industry, academia and the public sector.</p> <p>Have previously worked with University of Glasgow, University of Stirling, Universities Scotland and Colleges Scotland.</p> <p>Programme priorities</p> <ul style="list-style-type: none"> • Culture change • Digital • Appeal to younger generation • Diverse workforce <p>Happy to have people visit our Innovation Factory</p> <ul style="list-style-type: none"> • Passive House live build • Stone maker (creates bricks from recycled aggregate) • Thermal bonding line (creates insulation from different forms of waste) <p>Questions</p> <p>PH: EAUC work with Estates and try to link up with Academics but there is a problem with incentives as funding doesn't encourage lifecycle costing or circular construction.</p> <p>LB: We see a lot of issues at strategic level and are lobbying to take a longer term view and force the supply chain on board.</p> <p>NR: This is coming up as a barrier more often and ZWS are going to review the funding landscape. We are currently working with Bank of Scotland – arrangement fees are waived if certain sustainability criteria and demonstrated.</p> <p>LB: Housing Associations do take a long term view.</p> <p>RW: Yes, Housing Associations are decades ahead in thinking about the lifecycle of the building.</p>	
4	<p>Introduction to ProCirc <i>Špela Rapoša, Circular Procurement Project Manager, Zero Waste Scotland</i></p> <p>Circular procurement is key to reducing our material use. It extends beyond sustainable procurement and is based on the waste hierarchy.</p>	

	<p>ProCirc is about getting circular procurement into action, partnership & knowledge sharing.</p> <ul style="list-style-type: none"> • Producing circular procurement assessment tool • Pilot projects • Communities of practice • 1 to 1 mentoring to guide buyers through the process <p>Priority sectors have been identified as:</p> <ul style="list-style-type: none"> • Construction/infrastructure • Furniture • ICT • Textiles <p>Please get in touch with spela.raposa@zerowastescotland.org.uk if you have any questions or would like to get involved.</p>	
5	<p>EAUC Update <i>Jill Burnett, Carbon & Estates Projects Officer, EAUC-Scotland</i></p> <ul style="list-style-type: none"> • Scotland Conference & Green Gown Awards 26th Nov Glasgow 	
6	<p>Ideas for Future Meetings <i>Ray Walkinshaw, Convener, Ayrshire College</i></p> <ul style="list-style-type: none"> • Building standards • Site visit to Passive House <p>Please send any other suggestions to jburnett@eauc.org.uk</p>	
7	<p>Thanks and close</p>	