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NEWSLETTER - May 2022

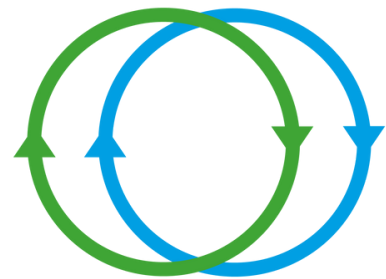
CIRCLE-CIRCULAR ECONOMY THROUGH INTEGRATED LEARNING IN VET

Project number 2019-1-LT01-KA202-060517

The Erasmus + project on Circular Economy



Photo by Alex Mtz on Unsplash



CIRCLE

The CIRCular Economy
through Integrated LEarning

The May newsletter is the fifth step of our journey, dedicated to circular economy. Here the focus is on Construction sector.

The construction sector is the sector with the highest intensity of material resources in the European Union: the demolition, renovation and construction from scratch of buildings and infrastructures generate about 370 million tons of waste. Most of these materials are already recycled but, in a circularity perspective, more can be done. A greater use of recycled materials, the reduction of waste on site and the spread of advanced design technologies for the reduction of errors and changes in progress are just some of the possible strategies to make the sector more circular.

Step

5

FOCUS ON THE VALUE OF THE GRIT

Today we want to explore a case studies on construction within UK, as we promised in the previous march newsletter.

The case study is proposed by [Zero Waste Scotland](#), a not-for-profit environmental organization, funded by the Scottish Government and European Regional Development Fund, exists to lead Scotland to use products and resources responsibly, focusing on where we can have the greatest impact on climate change.

From Grit to Gold

Zero Waste Scotland has partnered with Scottish Water to turn grit that is found in the waste water system into a valuable raw building material for the construction industry.

**...And carry o
exploring
[the CIRCLE
modules specific
on Construction](#)**

A trial project has successfully shown that the grit, which would otherwise be sent at a cost to landfill, can potentially be recovered and converted into aggregate for use in products such as kerbstones. [Here all the info and explanations](#)

According to the fact that there is a huge amount of material and documents concerning circular construction, we decided to select some relevant case studies on the topic and propose them to you. Here they are.

Widespread in all UK, Business in the Community (BITC) has more than 750 members. These include construction and infrastructure companies, property management firms, housing associations and many others in the built environment sector.

[Case studies by Business in the Community \(BITC\)](#)

eit Climate-KIC is a Knowledge and Innovation Community, working to accelerate the transition to a zero-carbon, climate-resilient society.

[Case studies by eit Climate-KIC](#)

In the next newsletter we will remind you all the materials at your disposal with a useful list of links.

STAY TUNED



in the JUNE 2022 newsletter

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NAUJIENLAIŠKIS - 2022 gegužė

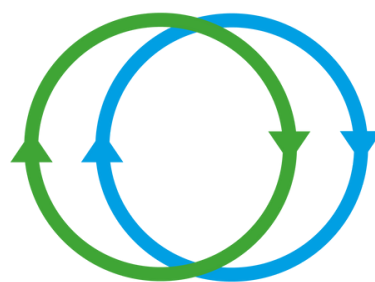
ŽIEDINĖ EKONOMIKA PROFESINIO MOKYMO KONTEKSTE

Projekto numeris 2019-1-LT01-KA202-060517

The Erasmus + project on Circular Economy



Alex Mtz nuotrauka; Unsplash



CIRCLE

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Gegužės mėnesio
penktasis CIRCLE
naujienlaiškis skirtas
statyų sektoriui

Statybų sektorius yra daugiausiai medžiagų sunaudojantis pramonės sektorius ES. Griaunant, renovuojant, statant naujus pastatus ir infrastruktūrą susidaro apie 370 mln. tonų atliekų. Dauguma šių medžiagų jau yra perdirbtos, tačiau iš žiedinės ekonomikos perspektyvos galima nuveikti dar daugiau. Didesnis perdirbtų medžiagų naudojimas, atliekų mažinimas, pažangių projektavimo technologijų (skirtų klaidų mažinimui ir pakeitimams proceso metu), plėtra – tai tik keletas galimų strategijų, siekiant padaryti sektorių žiediškėniu.

Žingsnis

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FOCUS ON

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Nuo smėlio iki aukso

„Zero Waste Scotland“

bendradarbiauja su „Scottish Water“ siekdami, kad nuotekų sistemoje esantis smėlis taptų vertinga statybine žaliava statybų pramonei.

...Sužinokite daugiau CIRCLE statybų sektoriaus mokymo medžiagoje.

Bandomasis projektas parodė, kad smėlis, kuris patektų į sąvartyną, gali būti panaudotas kaip užpildas gaminiuose, tokiuose kaip šaligatvio borteliai. [Čia galite rasti daugiau informacijos](#) (anglų kalba)