Title: **Influence of waste glass in the foaming process of open cell porous ceramic as filtration media for industrial wastewater**

Authors name: Andrei Shishkin[1], Hakim Aguedal[2,3], Gaurav Goel[4,5*], Julite Peculevica[1], Darryl Newport[6], Jurijs Ozolins[1]

Affiliations: [1]Rudolfs Cimdins Riga Biomaterials Innovations and Development Centre of RTU, Institute of General Chemical Engineering, Faculty of Materials Science and Applied Chemistry, Riga Technical University, Pulka 3, Riga, LV-1007, Latvia.
[2]Laboratoire de Valorisation des Matériaux, Département de Génie des Procédés, Faculté des Sciences et de la Technologie, Université Abdelhamid Ibn Badis – Mostaganem, Bp. 227, 27000 Mostaganem, Algeria.
[3]Laboratoire Ressources Naturelles Sahariennes, Département des Sciences de la Nature et de la Vie, Faculté des Sciences et de la Technologie, Université Ahmed Draia – Adrar 01000, Algeria.
[4]School of Engineering, London South Bank University, SE1 0AA, United Kingdom.
[5]School of Aerospace, Transport and Manufacturing, Cranfield University, MK430AL, UK
[6]Sustainability Research Institute, University of East London, London E16 2RD, United Kingdom.

*Corresponding author address:
Centre for Advanced Materials
London South Bank University, SE1 0AA, UK
Email: : goelg@lsbu.ac.uk; goel2001@gmail.com

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Fig. S1: CF with 5 wt.% MC content fired at 900°C, optical microscope at magnification X200 times.

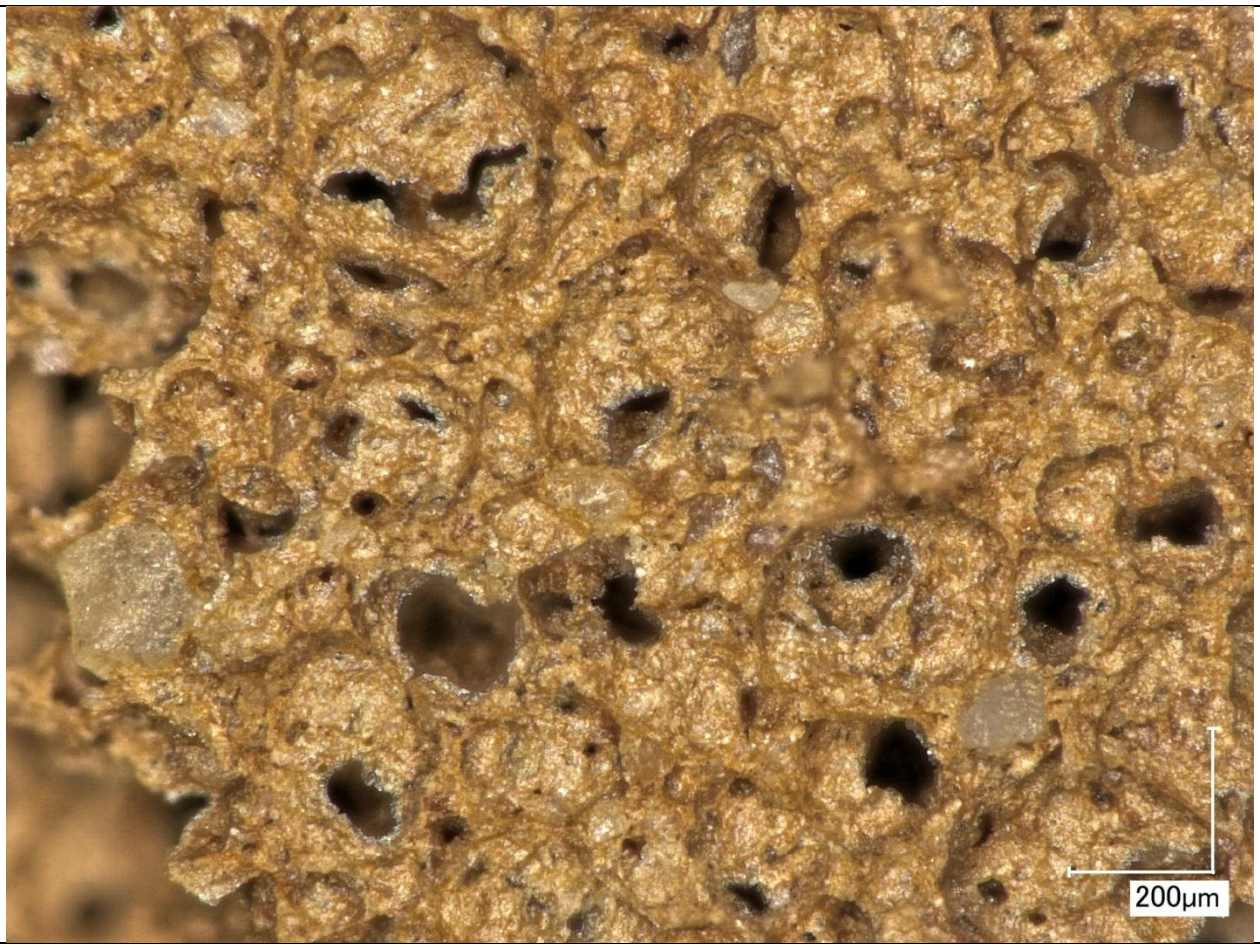

Fig. S2: CF with 10 wt.% MC content fired at 900°C, optical microscope at magnification X200 times.

Fig. S3: CF with 5 wt.% MC content fired at 1050°C, optical microscope at magnification X200 times.

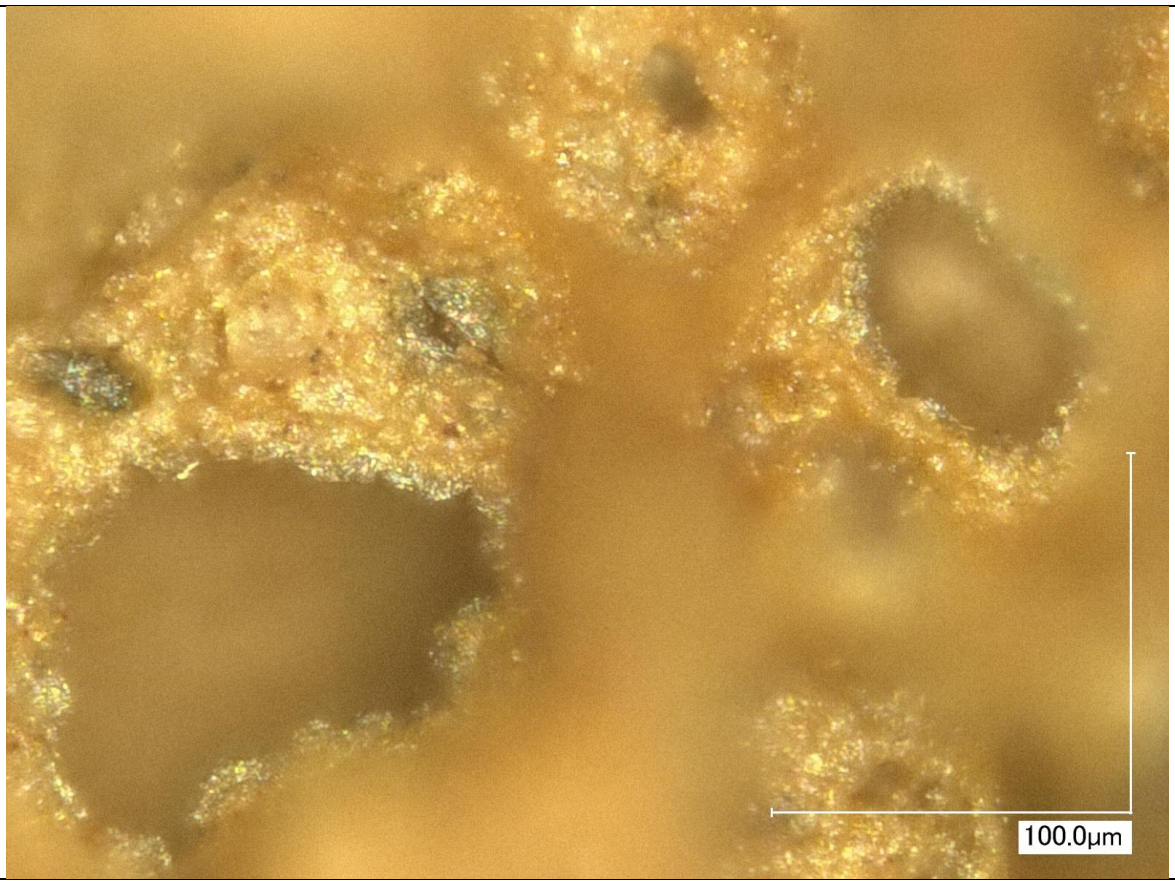

Fig. S4: CF with 10 wt.% MC content fired at 900°C, optical microscope at magnification X1000 times.

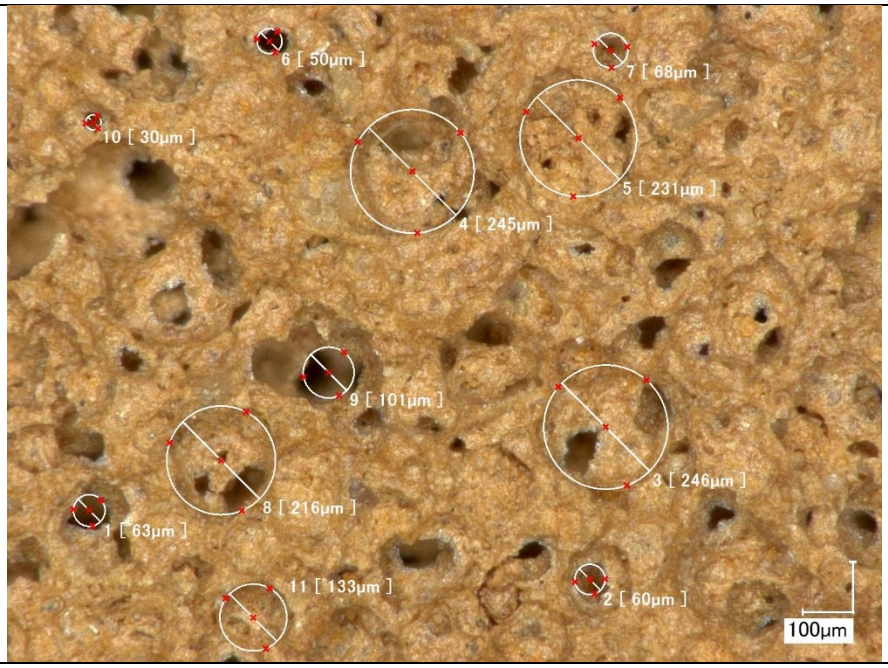

Fig. S5: Pore size measurements of CF with 7 wt.% MC content fired at 900°C, optical microscope at magnification X200 times.

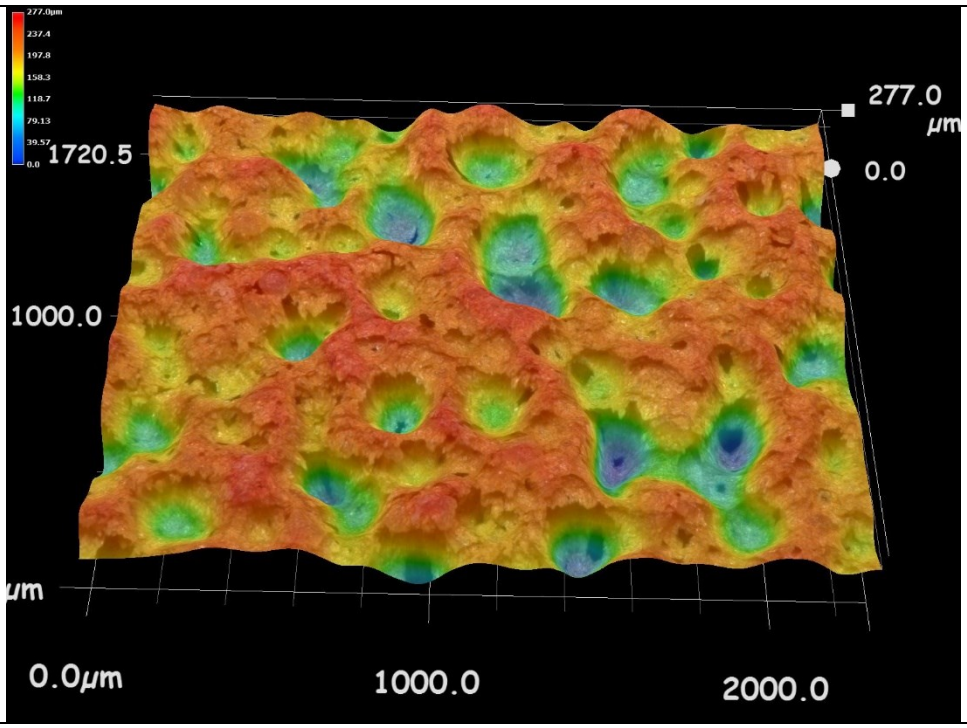

Fig. S6: Topology of the CF with 7wt.% MC content fired at 900°C, optical microscope image at magnification X200 times interpretation by Keyence ™ software

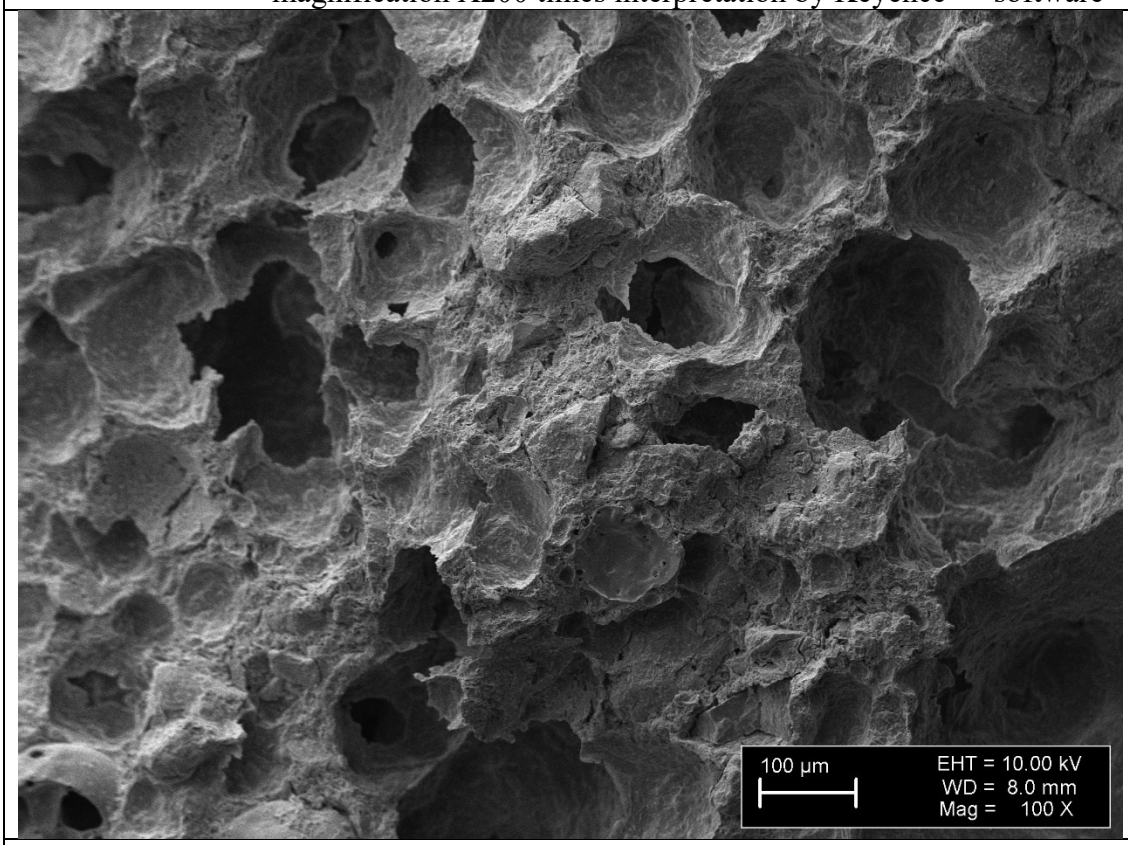

Fig. S7: CF with 10 wt.% MC content fired at 900°C, SEM image X100 times.

Fig. S8: CF with 10 wt.% MC content fired at 900°C, digital photo

Fig. S9: CF with 7 wt.% MC content fired at 900°C, digital photo

Fig. S10: CF with 7 wt.% MC content fired at 800°C, digital photo

Fig. S11: Collapsed after firing at 1000 °C CF without glass addition.