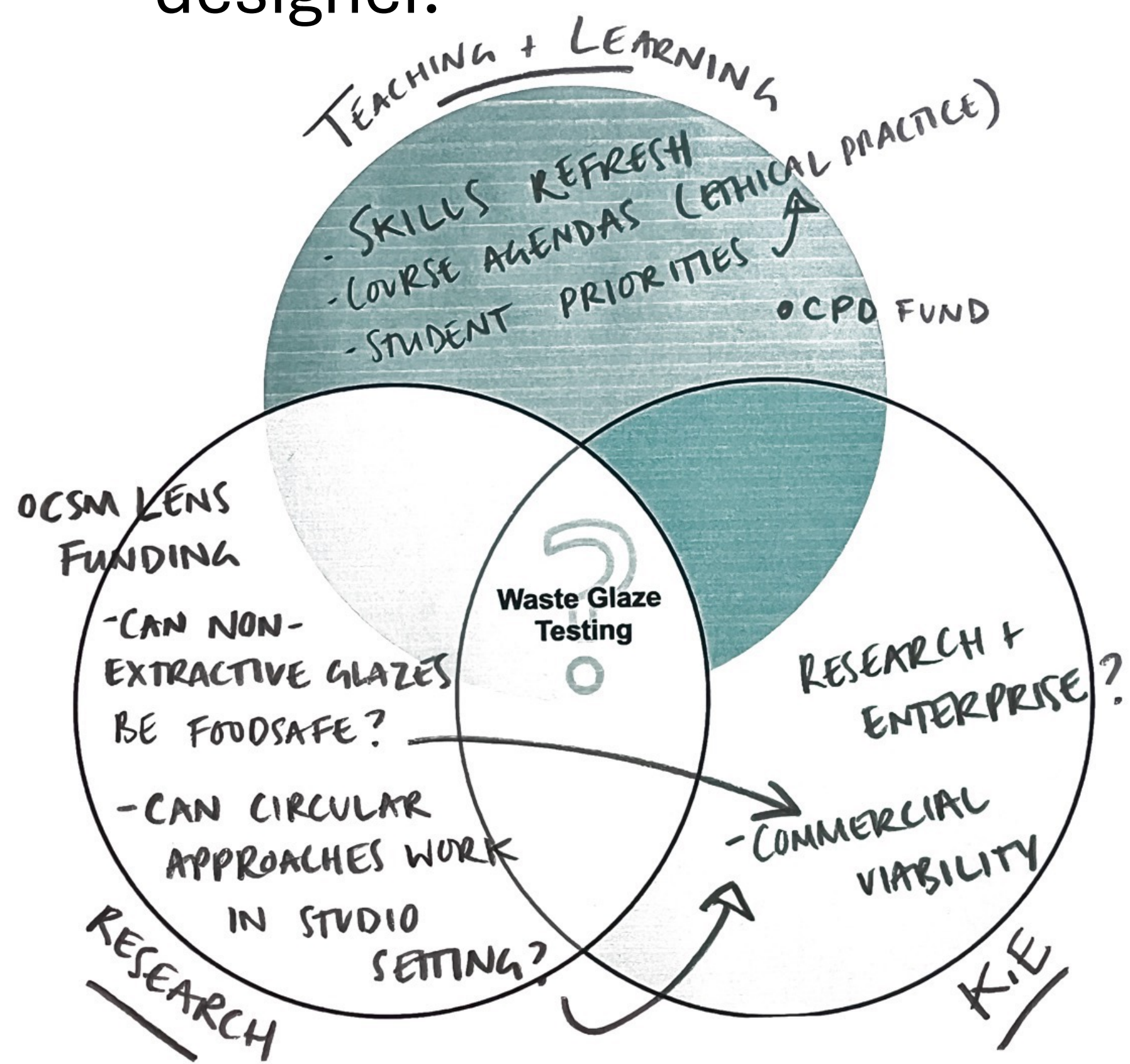


Industry by-product as durable, commercial glaze

Goal & Motivation

Create a durable and commercially viable glaze using industry waste for the studio ceramic designer.



Conclusions

Durable glaze can be produced

Natural stones from quarries easier to work with, more reliable and safer than processed or combined manufactured waste.

Recycled glass waste glazes can have studio problems but workable to some extent.

Much due diligence needed when sourcing waste streams.

Compromise on % of waste in glaze and % of waste glaze used; something is better than nothing...

What was done

Collecting and processing industry waste from stone and glass manufacturers and later, quarries.



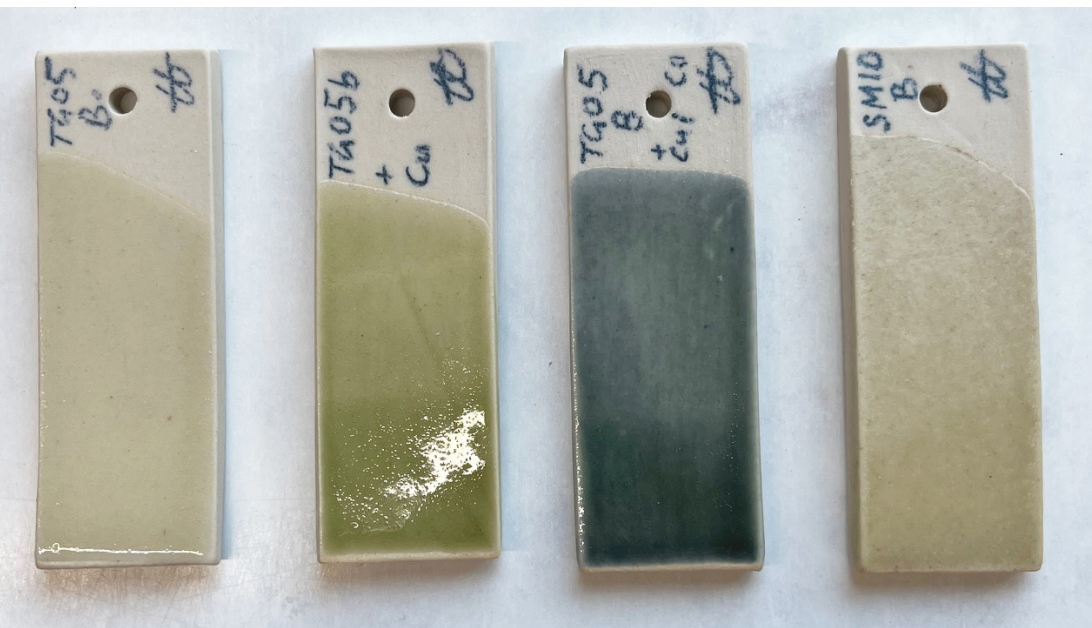
Industry tested recipes (Lucideon, UK)

Glossy

Neph Sy	20
Silica	21
China clay	09
York stone (waste)	31
Portland stone (waste)	18

Satin

Neph Sy	11
Silica	02
China clay	32
Calcined glass waste	12
York stone (waste)	30
Portland stone (waste)	13



Market trial

1st production run using glossy waste glaze detail launched in January 2025.

