

1	CEIPEX RESEARCH TOPIC LEVEL2: advanced ceramic materials, polymers & composites
2	RESEARCH GROUP: Advanced Multifunctional Ceramics (K. Maca)
3	TOPICS/FOCUS: Processing of carbide-based ceramics by upcycling ceramic waste
4	SUMMARY: The project's objective is to find the optimal processing route to upcycle industrial waste ceramic grinding sludge into high-performance, non-oxide (carbide) ceramics for various purposes. This topic delivers both technological innovation and environmental benefit, as it valorises industrial waste while introducing a novel class of materials and possible future commercial applications.
5	RG WEBPAGE/CONTACT: https://www.ceitec.eu/advanced-multifunctional-ceramics/rg388