

Period	Model 1 Comparisons				Model 2
	Core key comparisons Core Capabilities model – KC/Sample matrix – CMC cat.		Specialised key comparisons	Pilot studies	
2021	High salts content K161/Anions in seawater [5]	High organics content K158/Elements and As speciation in grain powder [11]			
2022	Difficult to dissolve metals + metal oxides K160/PGE in Autocatalyst [8, 9, 14]			P215 / As speciation in seafood [10]	
2023	High silica content K178/REEs, uranium, and thorium in soil [13]	Calibration materials & solutions K166 / Number conc NPs [9]	High organics content K162 / SeProt. in serum [10]		
2024	High organics content K187/Elements in pork [11]				
2025	High silica content K188/Elements in urban particulate matter [13]	Calibration materials / Metals Non-metallic impurities [8] & [1]	Water measurements in selected matrices	Solid sample analysis by LA-ICP-MS	
2026	High volatile matrices Sulfur in (Bio)diesel/gazoline [12]	High organics content Arsenic species in seafood [10]			Preparation of calibration solutions
2027	Metals Metals analysis [12]				