

10-year plan (TYP) for CCRI(II) K2 Comparisons

Goal: Support CMC claims

Strategy:

- Rotate among sectors
- Choose radionuclides based on stakeholder (including NMI) needs
- Support smaller labs (including as co-pilots)
- Coordinate with BIPM services (SIR, SIR-TI, ESIR)
- Strategically support MMM

Application	Nuclide (Example)	Year	Pilot Lab
Calibration/Tracers	^{109}Cd	2021	BIPM
Multiple (ion chamber reference sources)	$^{166\text{m}}\text{Ho}$	2022	IRA METAS
Medical	^{225}Ac ($^{123\text{m}}\text{Te}$, ^{192}Ir , ^{224}Ra , *Tb)	2023	NPL
Gas	^{85}Kr (^{41}Ar , ^{133}Xe)	2025	LNE-LNHB
Calibration/Tracers	^{51}Cr (^{152}Eu , ^3H)	2026	POLATOM
Industrial	^{241}Am (^{65}Zn)	2027	ENEA
Environmental	^{232}Th (^{40}K , ^{210}Po , ^{235}U)	2028	TBD
Medical	($^{123\text{m}}\text{Te}$, ^{192}Ir , ^{224}Ra , *Tb)	2028	TBD
Gas	(^{41}Ar , ^{133}Xe)	2029	TBD
Calibration/Tracers	^{51}Cr (^{152}Eu , ^3H)	2030	TBD
Industrial		2031	TBD