

OECD Ukraine Webinar 31/08/23

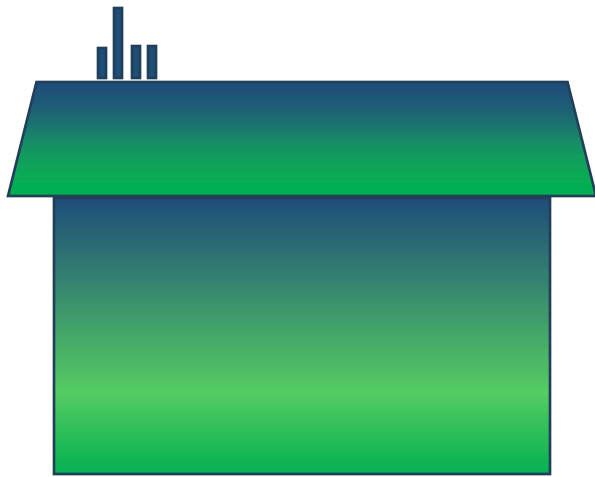
The Role of Laboratories in the System of Environmental Control






‘Think services not buildings’

Simon Bingham, International Development Manager

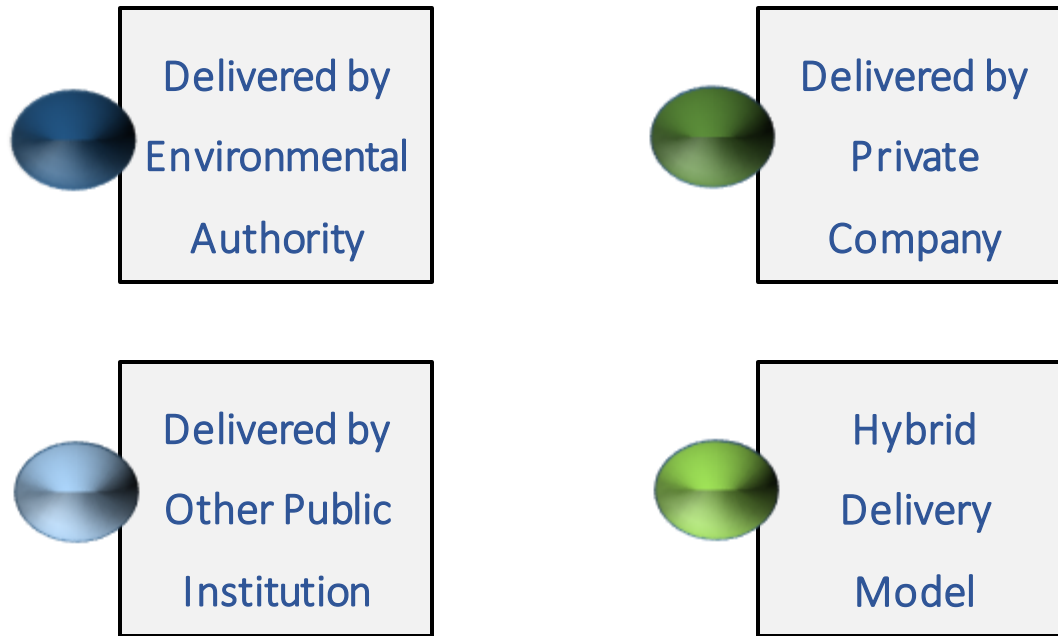
Scottish Environment Protection Agency

Traditional Laboratory

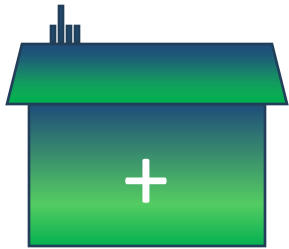


-  Wet chemistry laboratory
-  Organic effluent e.g. Sewage
-  Metals
-  Organics
-  Microbiology?

There is no single delivery model for laboratory services in the EU.



Modern Monitoring & Analytical Services

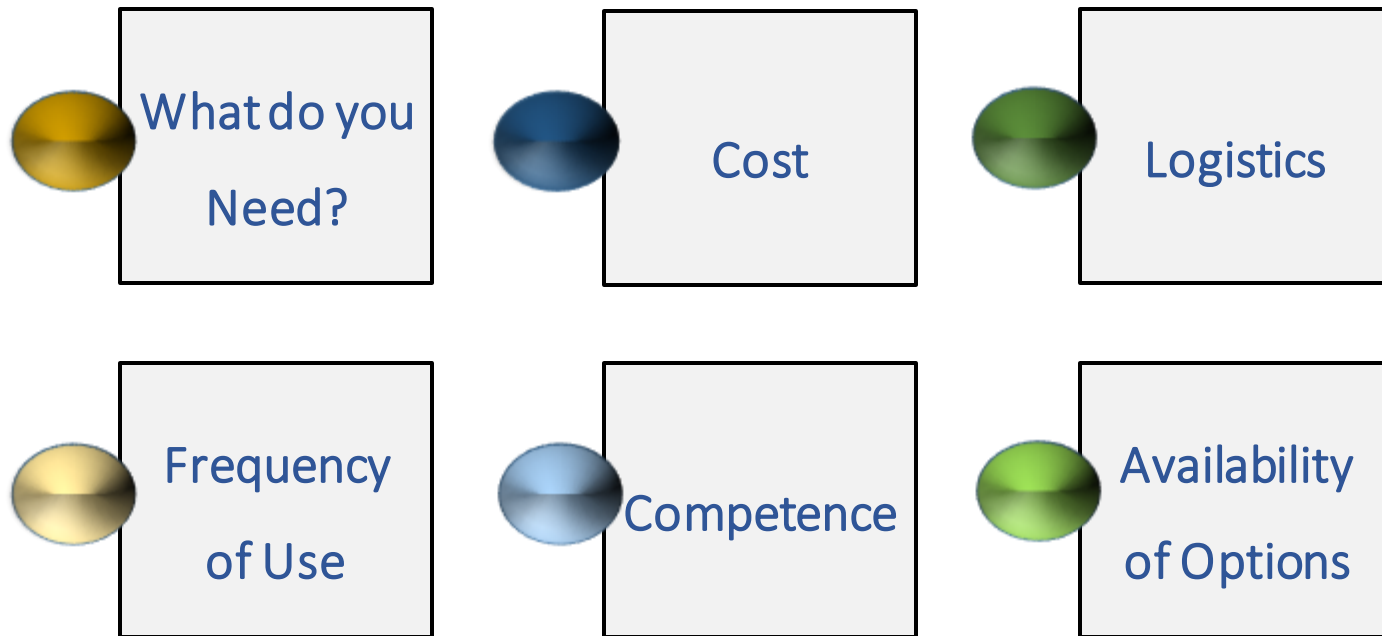


- Wet Chemistry
- Soil, waste, solids
- Stack monitoring
- Microbiology
- Freshwater Ecology

- Sampling
- Mobile laboratories
- Habitat Assessment
- Marine biology
- eDNA
- Chemical screening
- Noise Assessment
- Odour Assessment

- Remote sensing
- UAV, aquatic drones
- Early warning systems
- Radionuclides
- Airborne particulates
- Data analysis and interpretation
- Modelling & A.I.
- etc etc

Primary Considerations in Developing Capability.



'Services not buildings'

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End