



The CCEI funding Instrument & future detection needs and challenges

Advanced Developments Encompassing Processes and Technologies for Customs and Border Protection (CBP-ADEPT-03):

Creating Effective Engagements with CBP

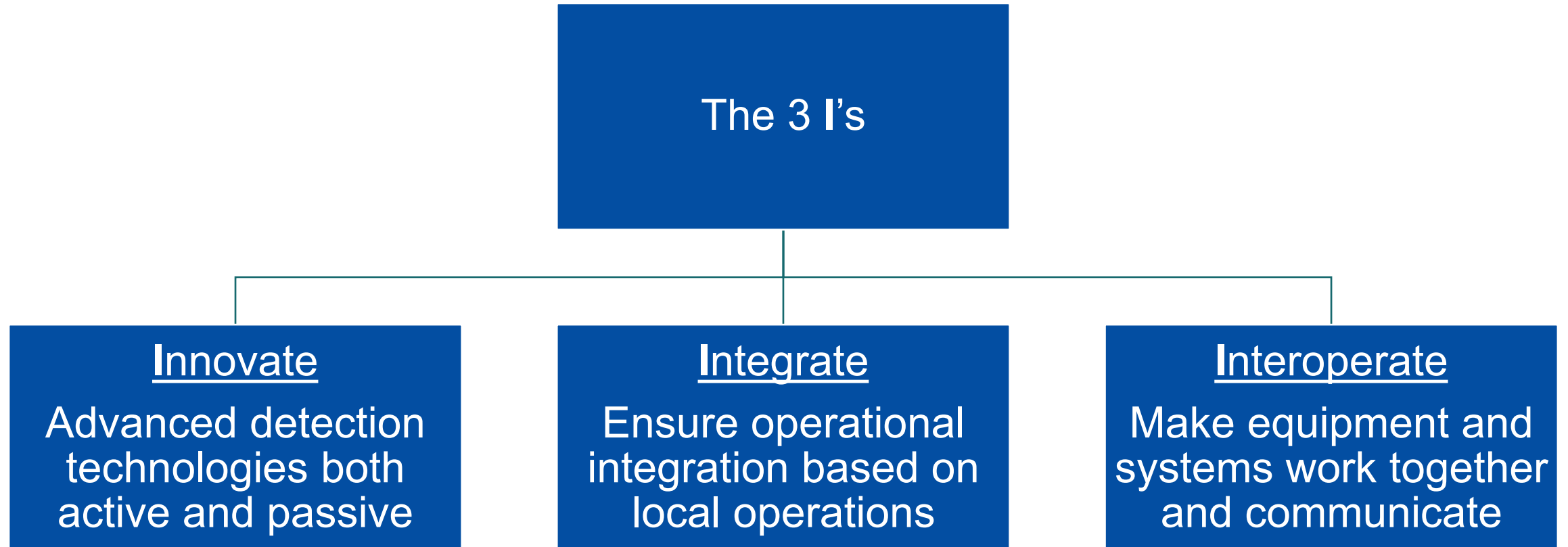
16-17 November 2021

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What are we looking for

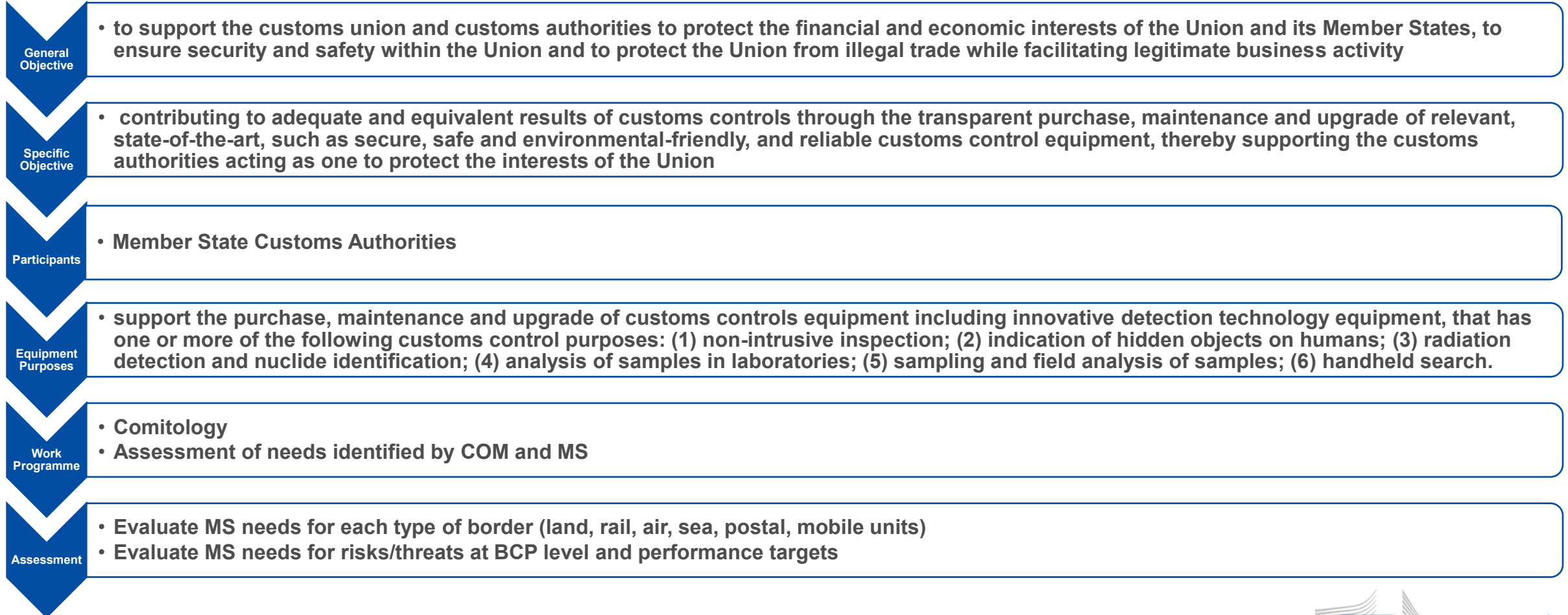
- Automation and integration of existing and new emerging technologies identifying the largest amount of threat materials in detection architectures
- Interoperability of equipment and systems including shared X-ray images and spectra libraries
- Safe ,secure, cyber resilient, sustainable and environmental friendly equipment
- Centres of expertise as part of a framework for testing and training of new and innovative equipment

The way forward in customs innovation

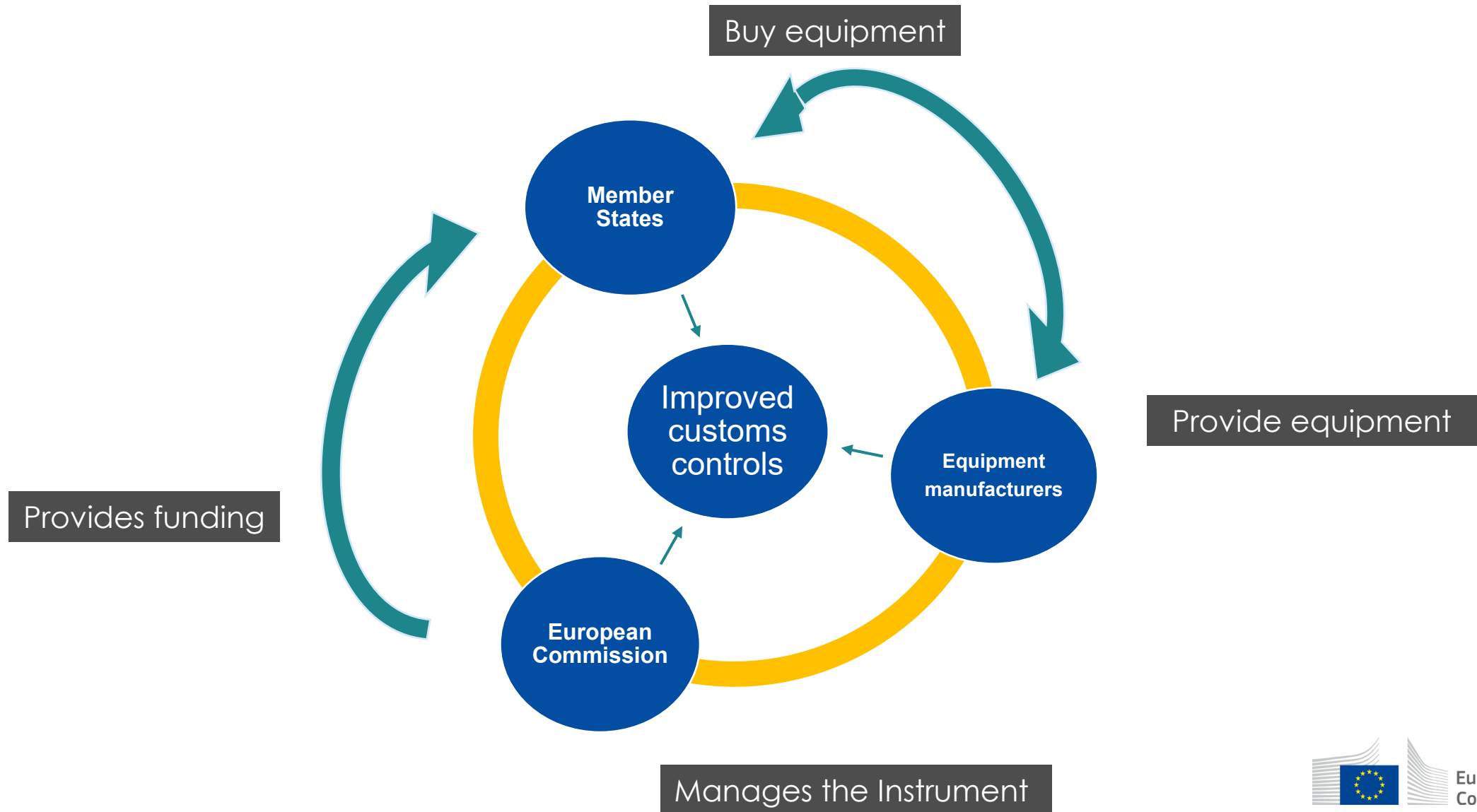


The CCEI in a nutshell

With a view to the long-term aim of harmonised application of customs controls by the Member States



CCEI Key players

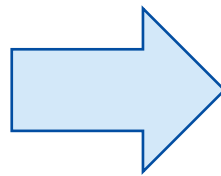


CCEI Work programme 2021-2022

Policy priorities

- 1) Stronger and better equipped Customs Union
- 2) European added value
- 3) Innovation and sustainability

**Most relevant
equipment features**



- ✓ Safety
- ✓ Security
- ✓ Cyber-resilient
- ✓ Interoperability
- ✓ Maintenance & warranties
- ✓ Environmental requirements

Eligible Equipment for WP 2021/2022

BCP - Equipment type

X-ray Scanners and Backscatters (Fixed/Mobile, Low/High Energy)

Computer Tomography (CT) Scanner

Automatic Number Plate/ Container Recognition System

Body Scanner

Endoscope (device)

Mobile Radiation Detection Device

Radiation Portal Monitor

Isotope Identification Device (RIID)

Handheld radiation monitor

Personal radiation monitor/detector (PRM)

Ion mobility (IMS and ITMS) for trace detection

Sniffer dog

XRF Fluorescence device

Spectroscopy (Infrared/Raman)

Customs Laboratory - Equipment type category

Analytical Instruments and Analysers

Chromatography

General Laboratory Equipment

Microscopy and macroscopy

Spectrometry