

## Case study – MRA FCL

### Assumptions:

FSTD operator has 1 FSTD located in country (A) and used for pilot training for licence holders in countries (B) and (C)

Initial FSTD operator approval and device qualification 40 K EUR in country (A)

Recurrent FSTD operator approval and device qualification 8 K EUR in country (A)

Countries (B) and (C) have national administrative and technical requirements for FSTD operators and devices approval/validation

For sake of simplification of the example, the competent authority's resources in countries (A), (B), (C) are considered the same:

Initial organisational approval and FSTD qualification – 120 hours/device

Recurrent organisation approval and FSTD qualification – 20 hours/device

**Scenario 0:** Current situation - FSTD operator qualifies FSTD in each country according to the national rules

FSTD operated in country (A)	FSTD operated in country (A) and used for pilot training for licence holders from country (B)	FSTD operated in country (A) and used for pilot training for licence holders from country (C)
Initial FSTD operator approval and device qualification 40 K EUR Recurrent FSTD operator approval and device qualification 8 K EUR	National administrative and technical requirements in addition to the ones in country (A)	National administrative and technical requirements in addition to the ones in country (A)
FSTD operator approval FSTD device certificate	FSTD operator approval/validation FSTD device certificate/validation	FSTD operator approval/validation FSTD device certificate/validation

**Scenario 1:** MRA-FCL - FSTD operator qualifies FSTD according to common ASEAN standards

**Benefit:** FSTD operated in country (A) and used for pilot training for licence holders from countries (B), (C) etc. based on 1 certificate (instead of different ones) recognised in all AMS countries, allowing licence holders to use the mutually recognised device; No/reduced additional costs to be paid for approval of FSTD operator/devices in respective countries; Higher number of available and easily accessible FSTD in AMS;

**Costs:** Change/introduce new organisation's certificate, databases, manuals, procedures to adjust to the new standards (one-off); Train instructors/personnel according to the new standards (one-off); recurrent costs to maintain new standards; potential increase of the approval fees to be paid to competent authority.

**Scenario 0**: Current situation - FSTD operator qualifies FSTD in each country according to the national rules

Competent authority in country (A)

Collecting fees from initial and recurrent organisation and device approval (e.g. 48 K EUR)

Issues a FSTD operator approval and a FSTD device certificate

Perform inspections and oversight (120 h for initial FSTD organisation approval and FSTD qualification + 20 h for recurrent)

Competent authority in country (B)

National administrative and technical requirements for approval/validation of organisation and device

Issues a FSTD operator approval/FSTD device certificate/validation

Perform inspections and oversight (120 h for initial FSTD organisation approval and FSTD qualification + 20 h for recurrent)

Competent authority in country (C)

National administrative and technical requirements for approval/validation of organisation and device

Issues a FSTD operator approval/FSTD device certificate/validation

Perform inspections and oversight (120 h for initial FSTD organisation approval and FSTD qualification + 20 h for recurrent)

**Scenario 1**: MRA-FCL - FSTD operator qualifies FSTD according to common ASEAN standards

**Benefit**: Share expertise, pooling resources/expertise to perform oversight;  
Improved competence of inspectors, based on the common standard;

**Costs**: Develop the common standards which will be applicable by AMS (one-off); Building confidence (one-off); Train inspectors to the new standards (one-off); Change internal systems, databases, procedures, manuals to introduce the new requirements, change in the oversight procedures (one-off); Perform standardisation, verification to grant the mutual recognition (one-off); Perform oversight on the agreed common standards (recurrent);