



CFIS 2021

Setting the scene

The regulatory perspective

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2.1 Safety & Security



- **FIRESAFE I & II conducted by RISE, BV and Stena Teknik (2016-2018)**
- **Several cost effective RCOs (existing ships and NB):**
 - Fire monitors on weather decks;
 - Robust connection boxes;
 - Combined heat and smoke and alarm system design and integration;
 - Alarm system design and integration (smoke);
 - Portable IR camera; and
 - Improved markings/signage for wayfinding and localization.

The FIRESAFE recommendations

			
Robust connection boxes	✓	✓	✓
Only ship cables	✗	✓	✓
IR camera	✓	✓	✓
Training for awareness	✓	✓	✓
Only crew connections	✓	✓	✓
Cable reeling drums	✗	✗	✗/✗
Combined heat & smoke and alarm integration system	✓/✗	✓	✓
Ban / closure of side (PS & SB) openings (open ro-ro spaces)	✗	✗	✗
Increased frequency fire patrols	✗	✗	✗/✗
Alarm system design & integration (with smoke detection)	✓/✗	✓	✓
Improved markings/signage for wayfinding and localisation	✓	✓	✓
Preconditions for early activation of drencher system	✗	✓	✓
Remote control	✗/✗	✓	✓
Rolling shutters (PS & SB side) (Open ro-ro spaces)	✗	✗/✗	✗
Efficient activation routines	✓	✓	✓
Fresh water activation/flushing	✓	✓	✓
CCTV	✗/✗	✓	✓
CCTV + Remote control	✗/✗	✓	✓
Ban/closure of side & end openings (closed and open ro-ro spaces)	✗/✗	✗	✓/✗
Fire monitors on weather deck	✓	✓	✓

The recommendations of FIRESAFE II were forwarded to IMO;

They were assessed together with AIR recommendations;

As a first step resulted to the Interim Guidelines adopted in 2019 (MSC.1/Circ.1615)

- **No open ro-ro decks** for new-buildings;
- Introduction of **minimum distances** between openings on the ro-ro decks for existing ships and life-saving appliances (LSA) and embarkation stations;
- Introduction of a **fixed fire detection system** and water monitors for **weather ro-ro decks**;
- Introduction of **A30** protection between decks of a ro-ro space;
- Introduction of all RCOs related to the decision part as proposed in FISESAFE II;
- Introduction of stricter and more specific requirements for **cabling and connections** in ro-ro decks; and
- Introduction of **CCTV** covering all ro-ro spaces.

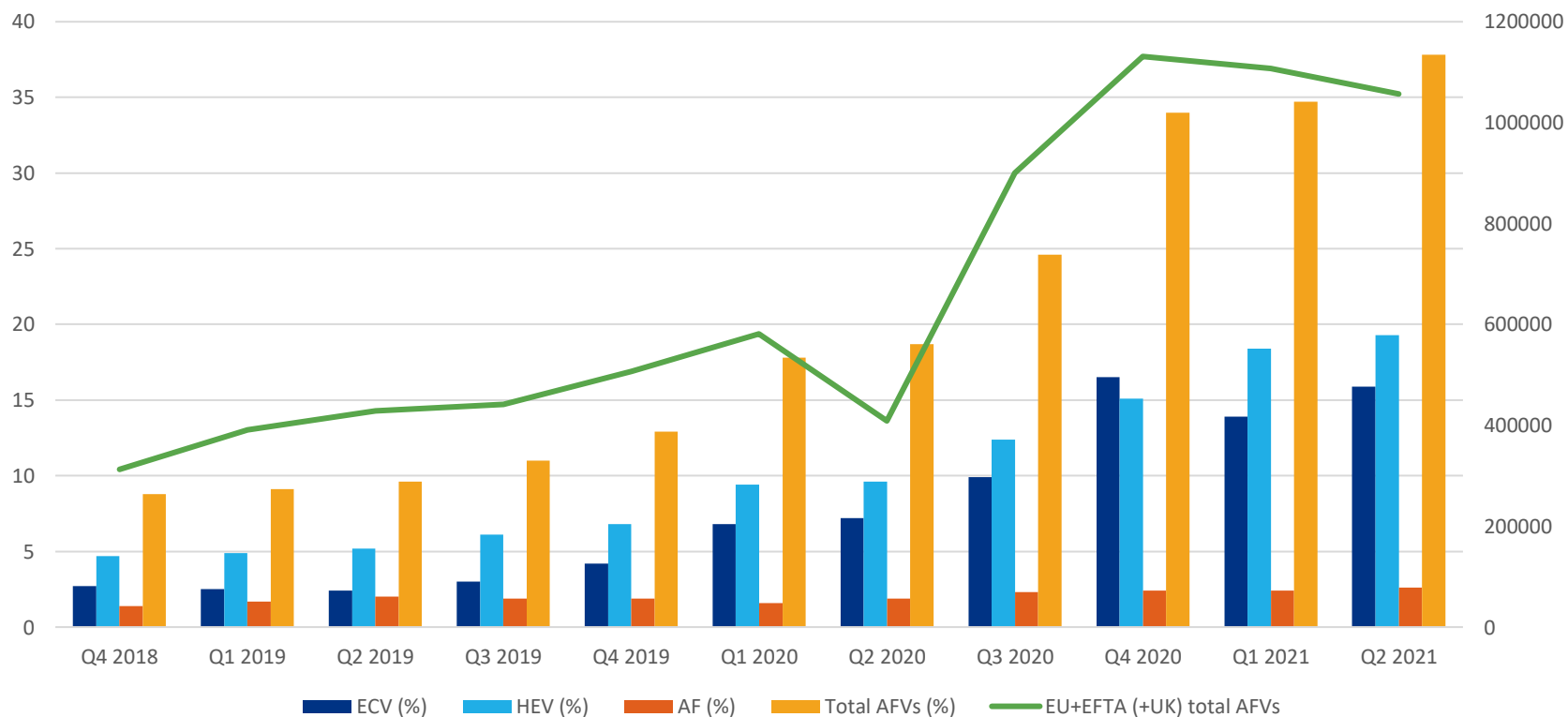


Discussion on SOLAS and FSS Code amendments ongoing mainly based on a EU submission (SSE 7/6/1);

FP Correspondence Group has made great progress and item could be finalised at SSE 8 (March 2022).

- **Work on the carriage of AFVs/new energy carriers (EU and IMO)**

New passenger car registration by fuel type (EU)





Waiting for LASH FIRE results to consider if further regulatory work will be needed and how it can be done;



Working on some open issues left by the FP CG.