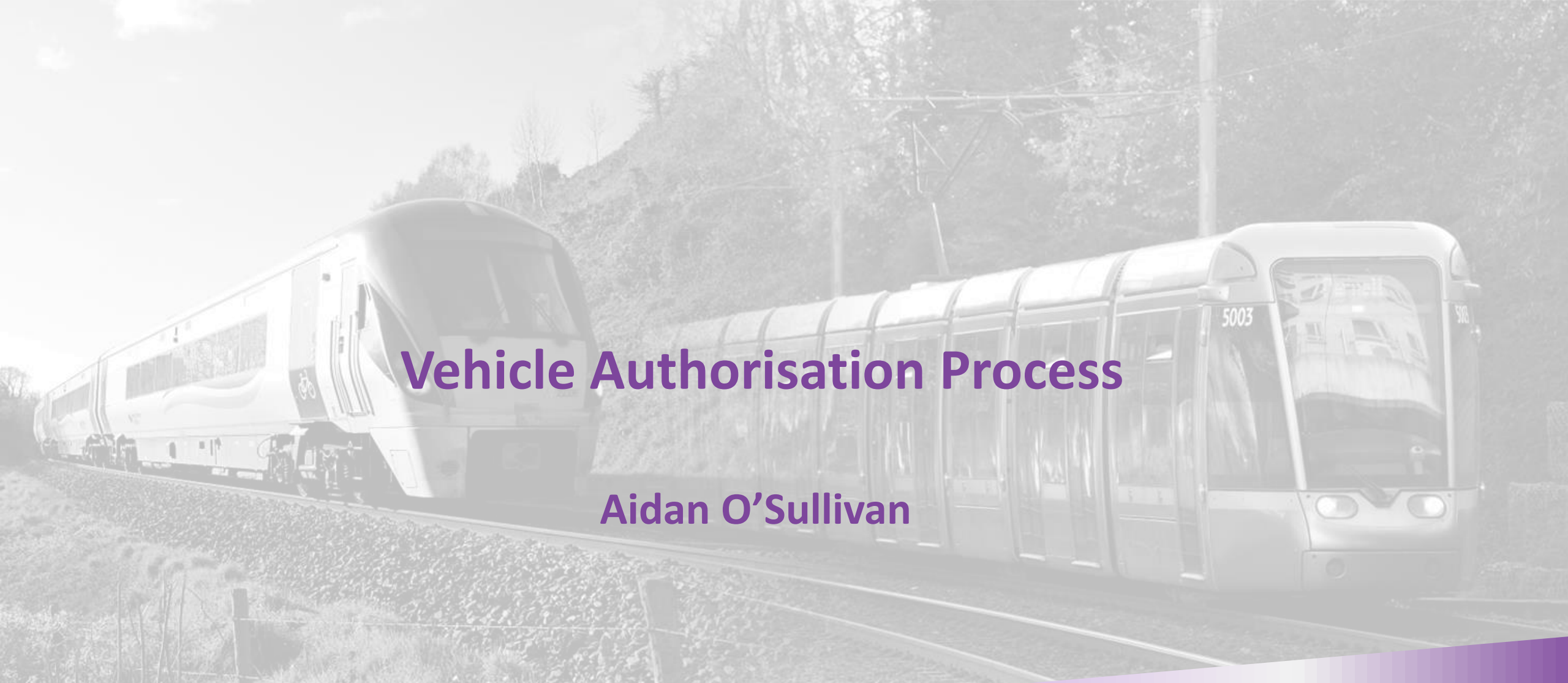
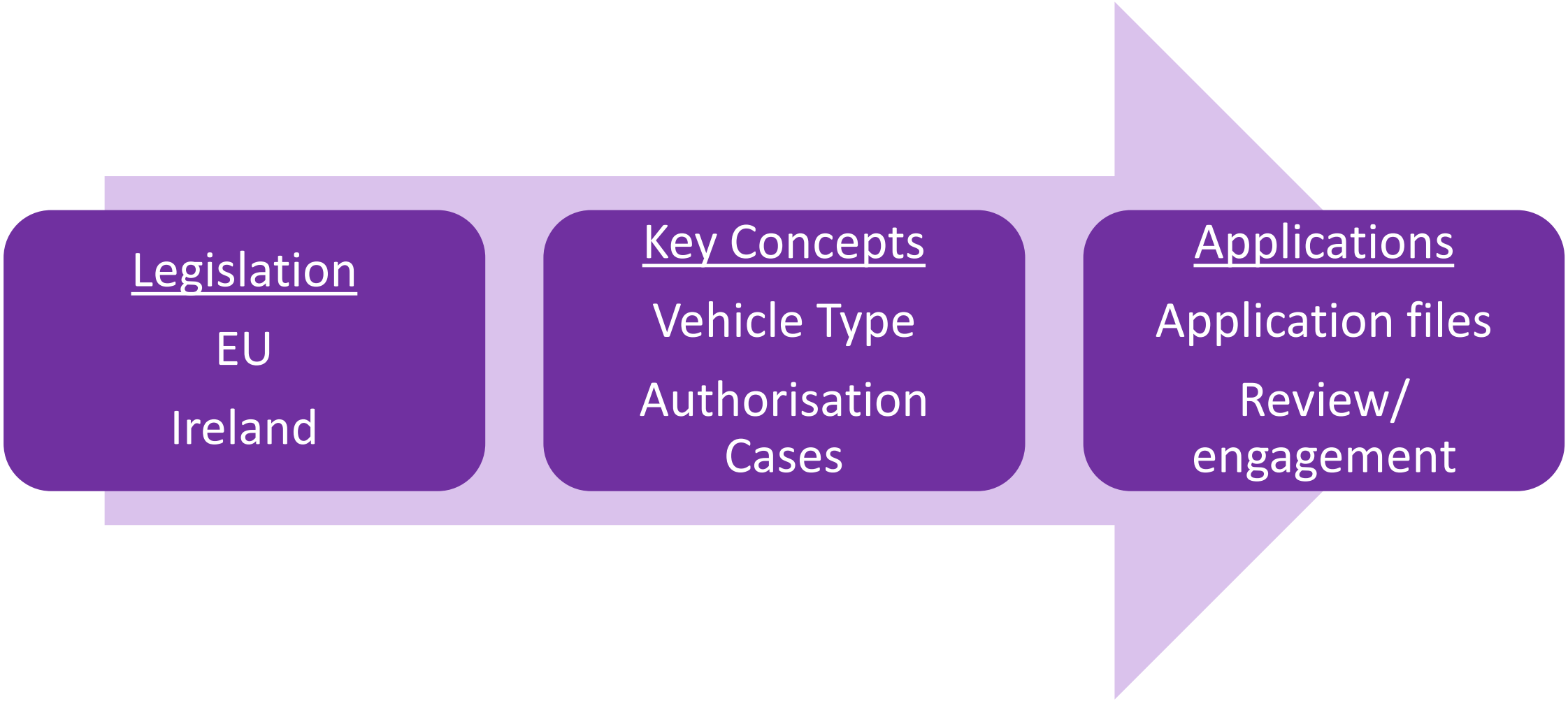


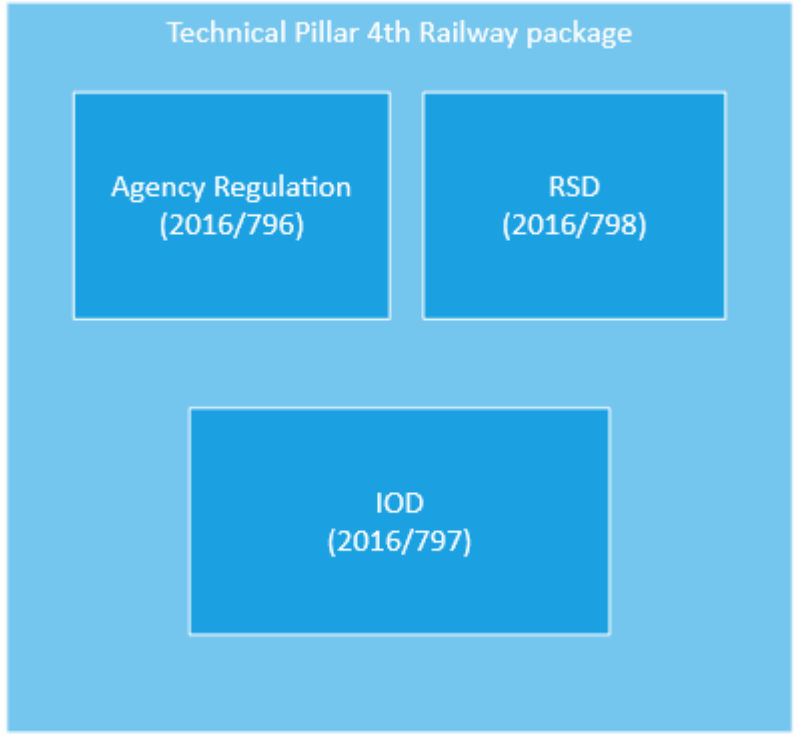
Vehicle Authorisation Process

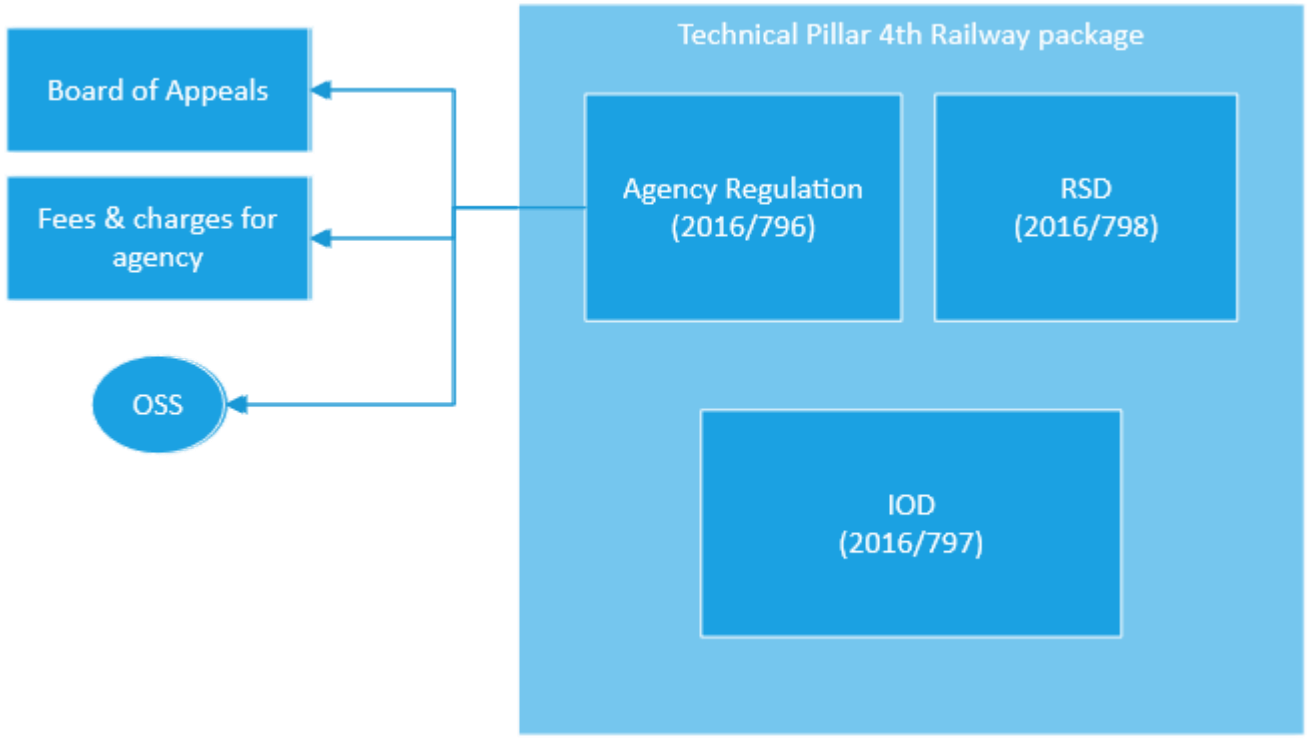
Aidan O'Sullivan

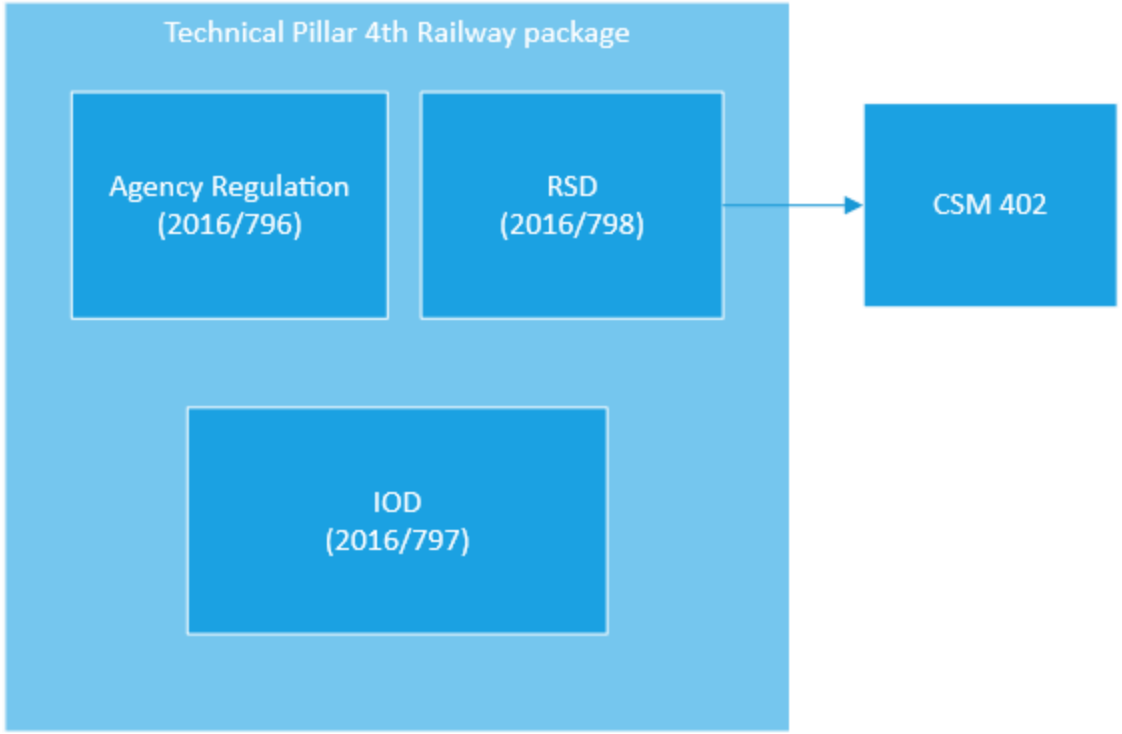
CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

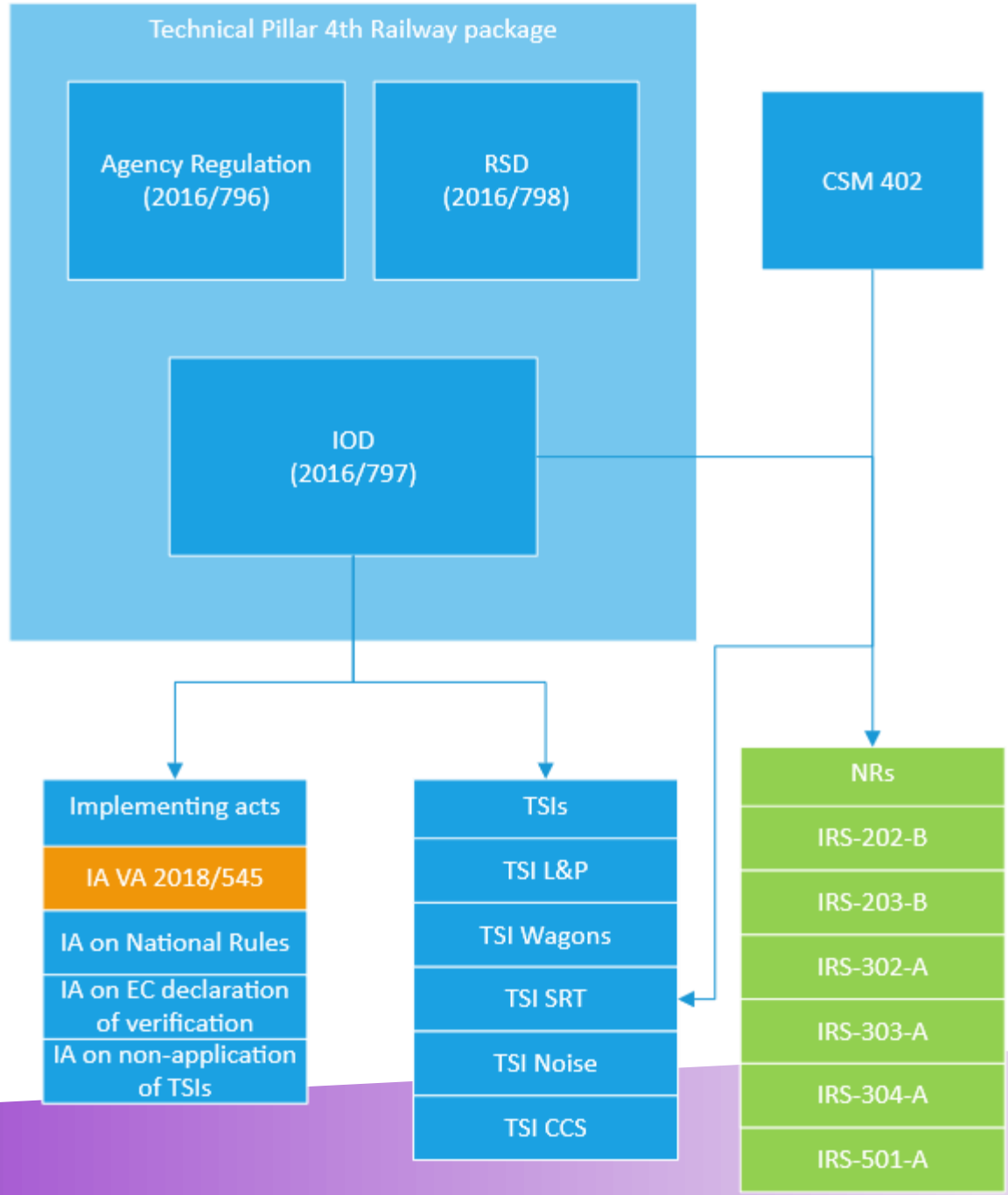
Scope of Presentation

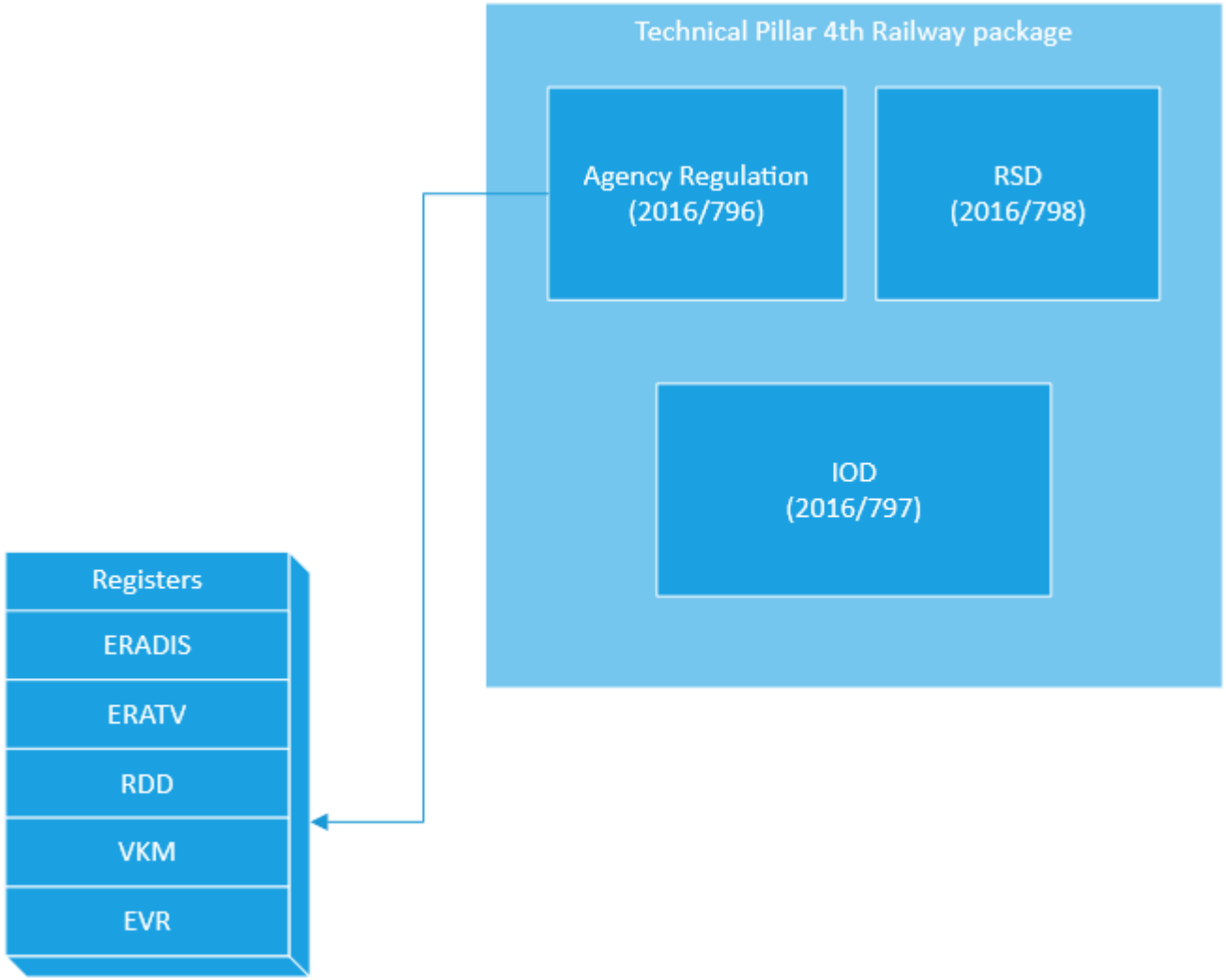


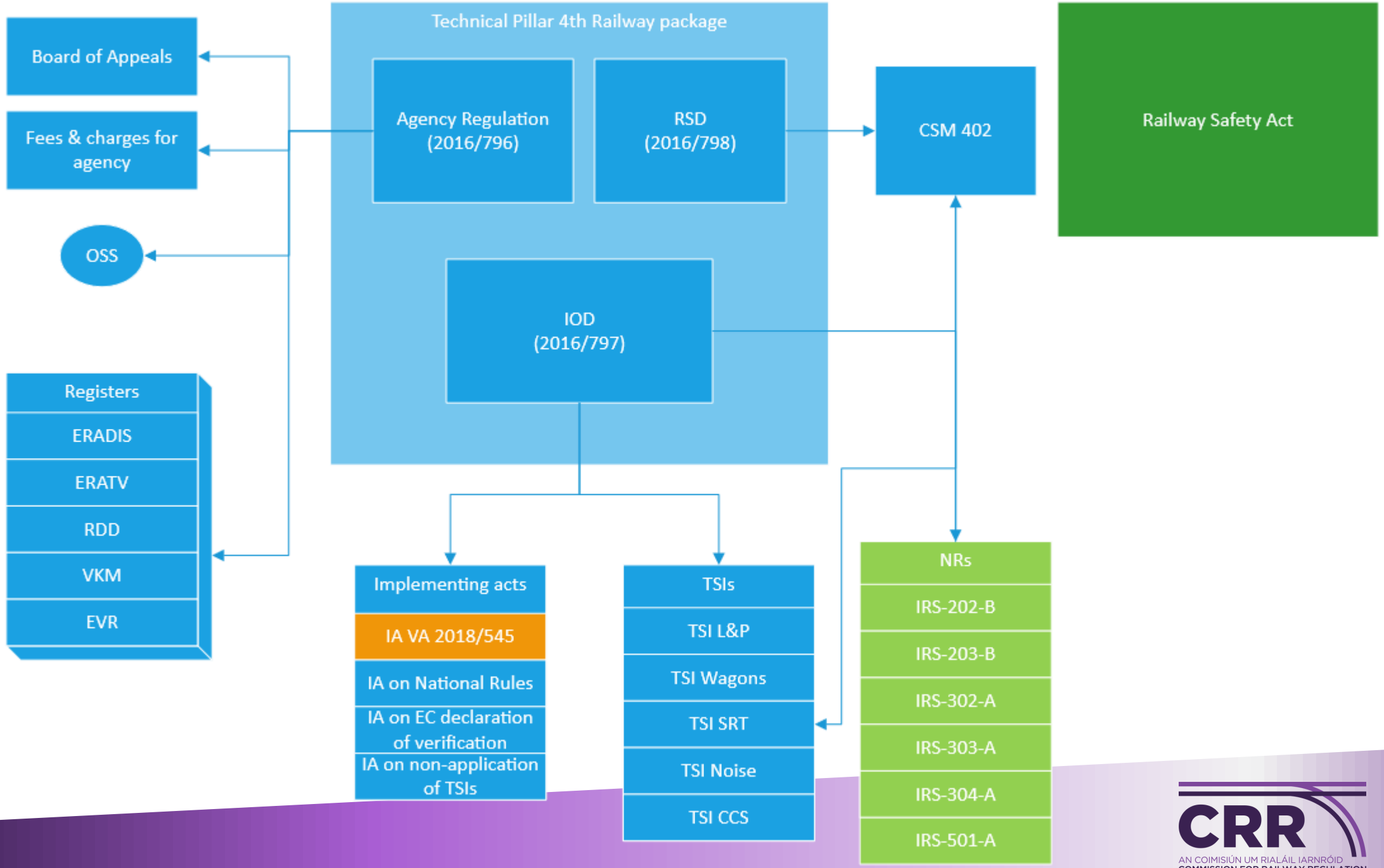

Technical Pillar 4th Railway package
Agency Regulation
(2016/796)
RSD
(2016/798)
IOD
(2016/797)


Technical Pillar 4th Railway package
Board of Appeals
Fees & charges for agency
OSS
Agency Regulation (2016/796)
RSD (2016/798)
IOD (2016/797)


Technical Pillar 4th Railway package
Agency Regulation
(2016/796)
RSD
(2016/798)
CSM 402
IOD
(2016/797)


Technical Pillar 4th Railway package
Agency Regulation (2016/796)
RSD (2016/798)
IOD (2016/797)
CSM 402
Implementing acts
IA VA 2018/545
IA on National Rules
IA on EC declaration of verification
IA on non-application of TSIs
TSIs
TSI L&P
TSI Wagons
TSI SRT
TSI Noise
TSI CCS
NRs
IRS-202-B
IRS-203-B
IRS-302-A
IRS-303-A
IRS-304-A
IRS-501-A


Technical Pillar 4th Railway package
Agency Regulation (2016/796)
RSD (2016/798)
IOD (2016/797)
Registers
ERADIS
ERATV
RDD
VKM
EVR

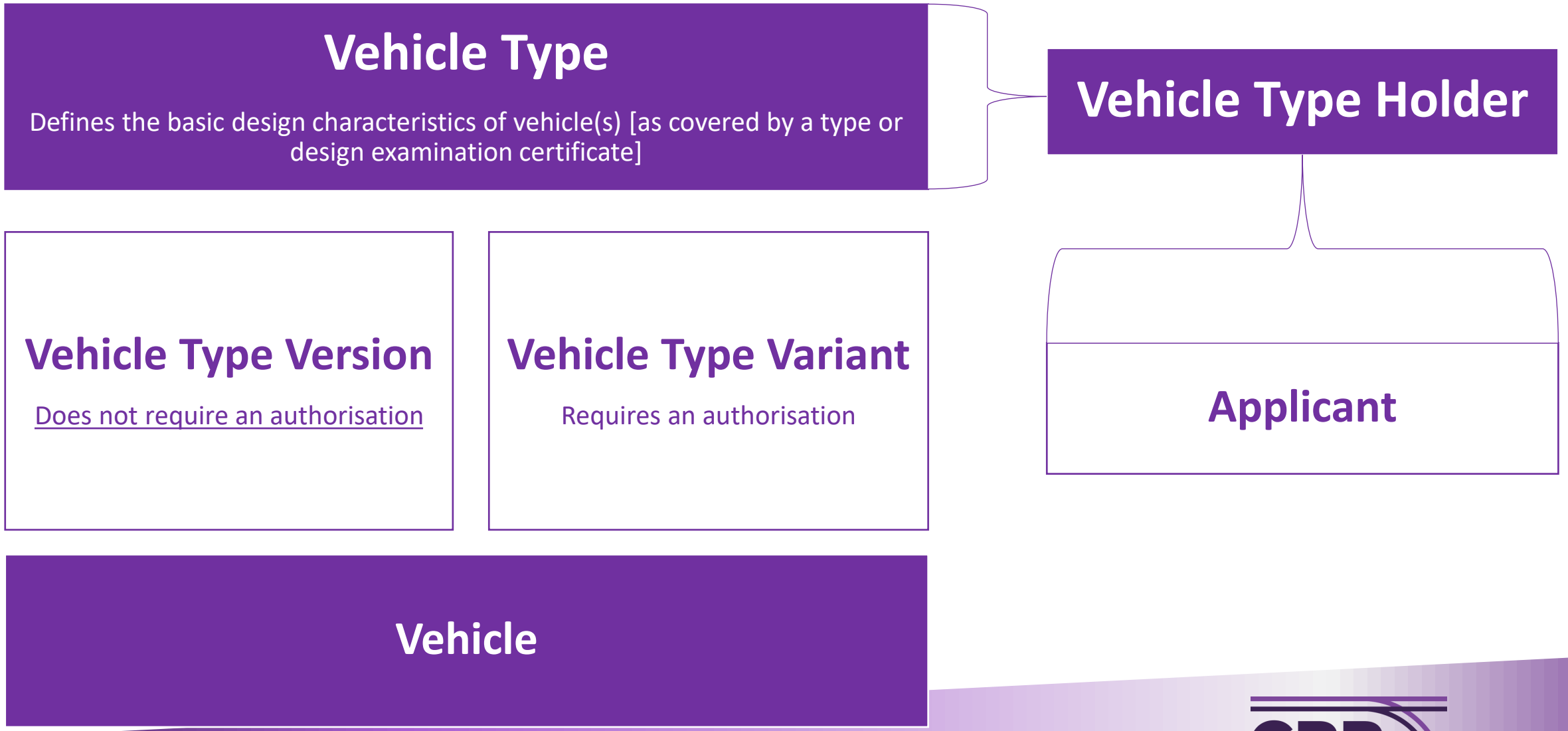

Technical Pillar 4th Railway package
Board of Appeals
Fees & charges for agency
OSS
Agency Regulation (2016/796)
RSD (2016/798)
IOD (2016/797)
CSM 402
Railway Safety Act
Registers
ERADIS
ERATV
RDD
VKM
EVR
Implementing acts
IA VA 2018/545
IA on National Rules
IA on EC declaration of verification
IA on non-application of TSIs
TSIs
TSI L&P
TSI Wagons
TSI SRT
TSI Noise
TSI CCS
NRs
IRS-202-B
IRS-203-B
IRS-302-A
IRS-303-A
IRS-304-A
IRS-501-A

Guidance Available

- Application:
  - Guidelines for the practical arrangements for the vehicle authorisation process
  - Catalogue of examples (withdrawn)
  - CRR-G-009-G(+Annexes)
  - Guidance for EC declaration of verification (ERA1209/140 V1.0)

- Specific:
  - TSI application Guides
  - CSM 402 Guidelines
  - Guidance for Registers (Including CRR-G-021)
  - ERA additional clarification notes(particularly ERA1209-146 requirements capture)

Vehicle Type concept



Authorisation Cases

FIRST AUTHORISATION	Vehicle Type
	First Vehicle
NEW AUTHORISATION	Vehicle Type
	First Vehicle
EXTENDED AREA OF USE	n/a Ireland
RENEWED VEHICLE TYPE AUTHORISATION	Vehicle Type
CONFORMITY TO TYPE	Vehicles

Changes to authorised vehicles

IOD Art 21(12)

- a) Basic Design Characteristics
- b) Safety
- c) TSIs

2018/545 Art 15(1)(a): no deviation in the technical files

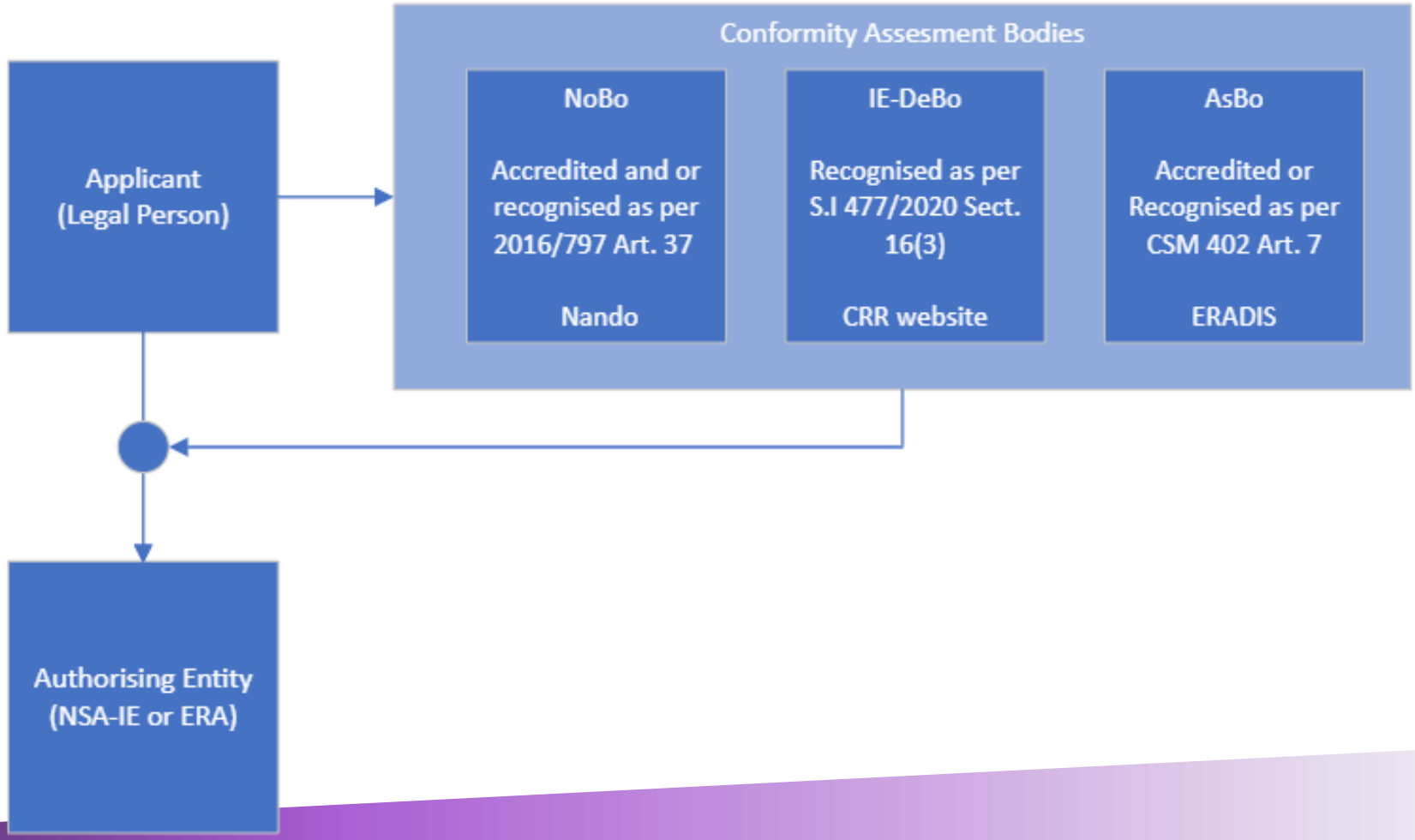
2018/545 Art 15(1)(b): change in technical files but not basic design characteristics nor triggers article 21(12)

2018/545 Art 15(1)(c): impacts basic design characteristics but not trigger article 21(12)

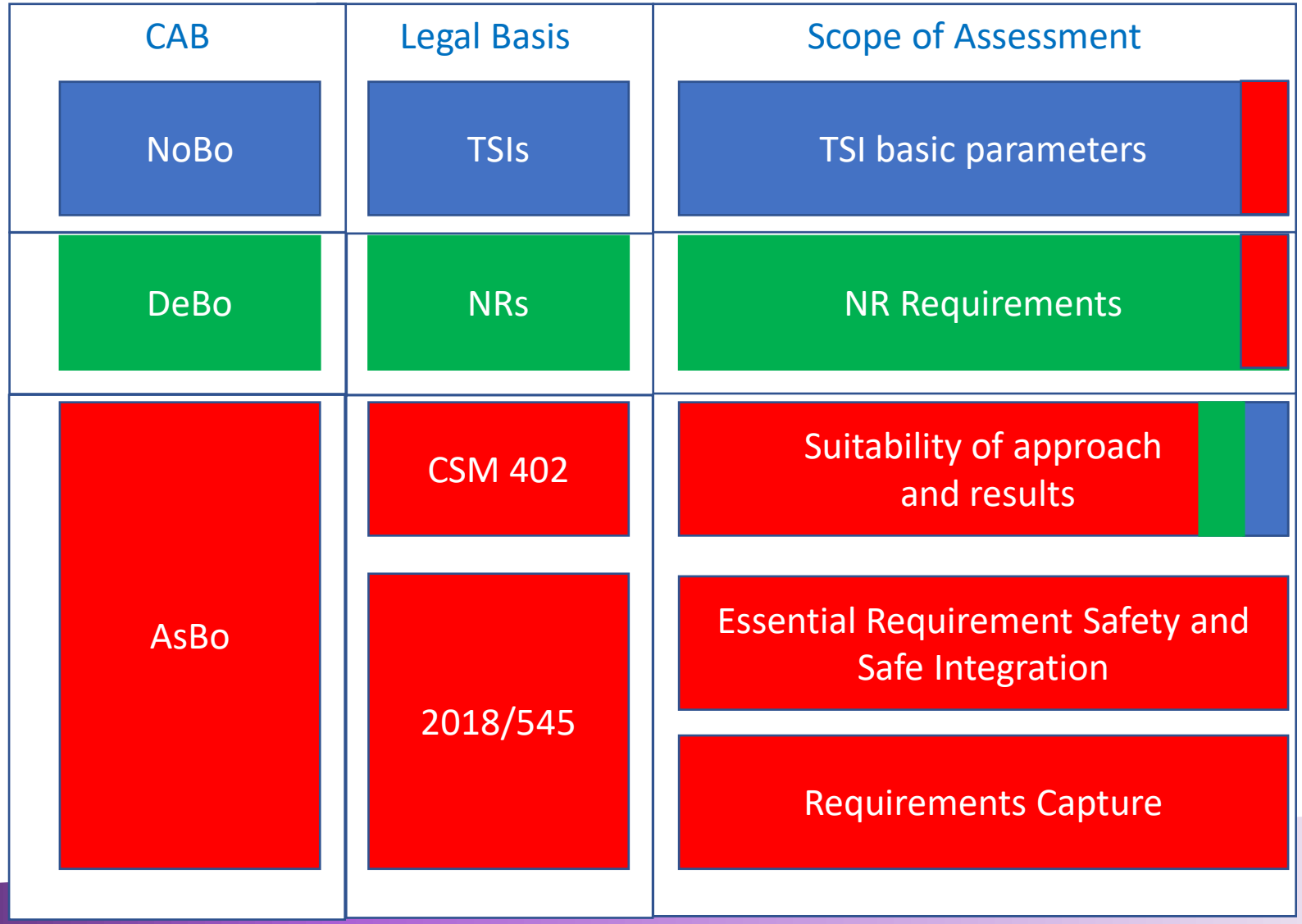
Art 15(1)(d): change that triggers article 21(12)

	Holder of Vehicle Type	Not Holder of Vehicles Type
a) Basic Design Characteristics	No New Authorisation	No New Authorisation
b) Safety	No New Authorisation	New Authorisation
c) TSIs	No New Authorisation	New Authorisation
Art 15(1)(d)	New Authorisation	New Authorisation

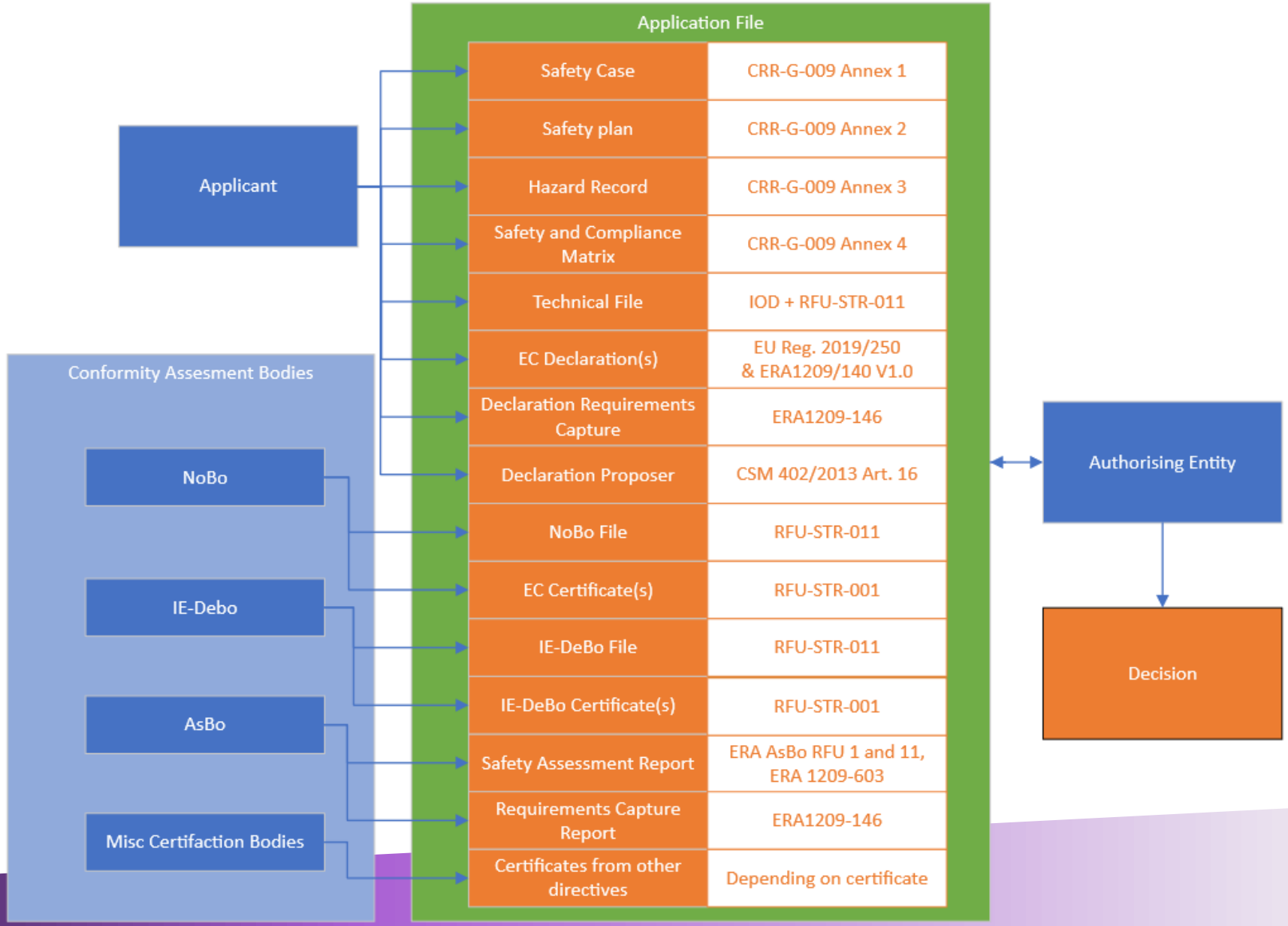
VA-IOD Application Principal Actors



Conformity Assessment bodies' roles (EU)

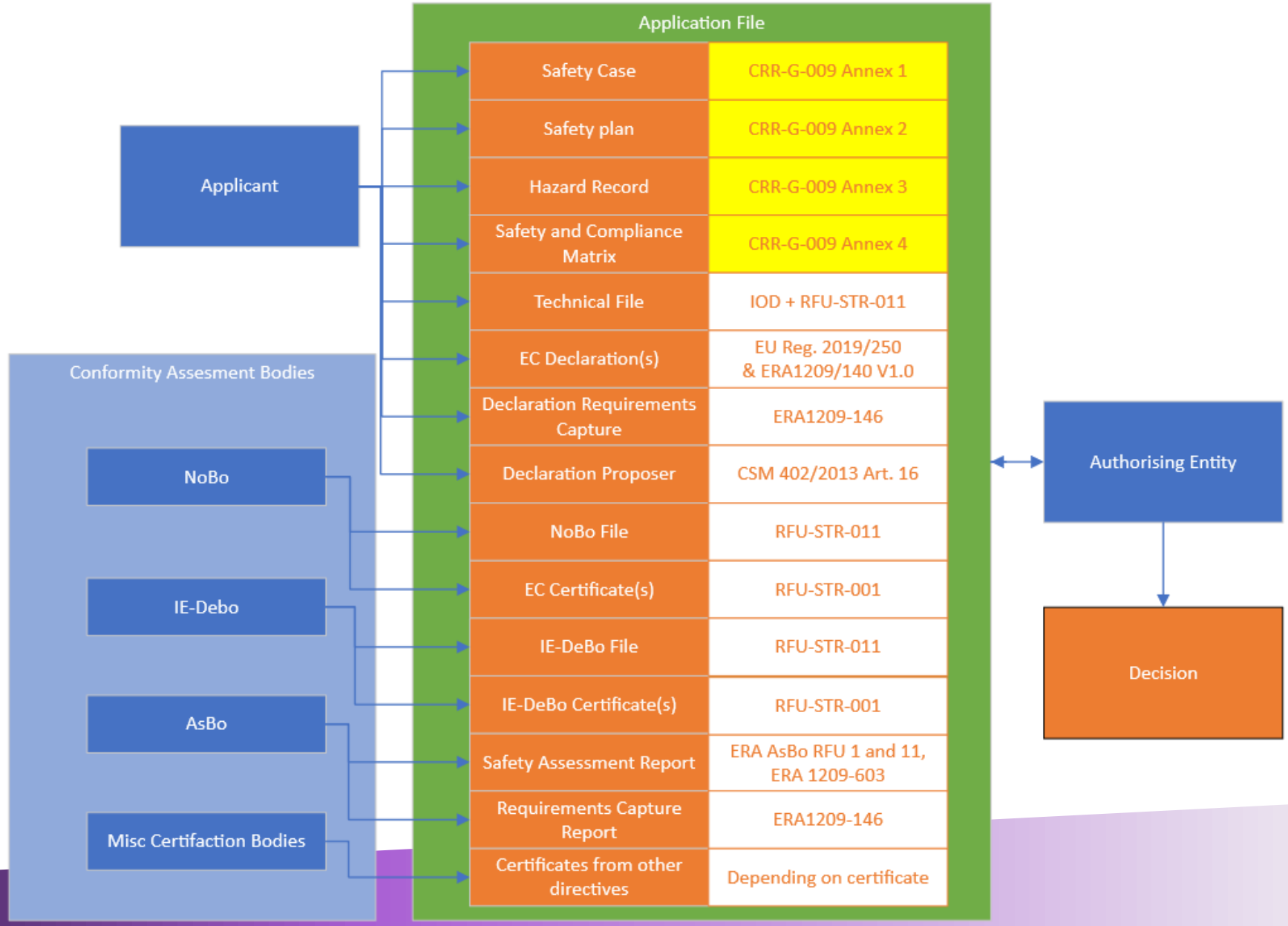


Application File IOD



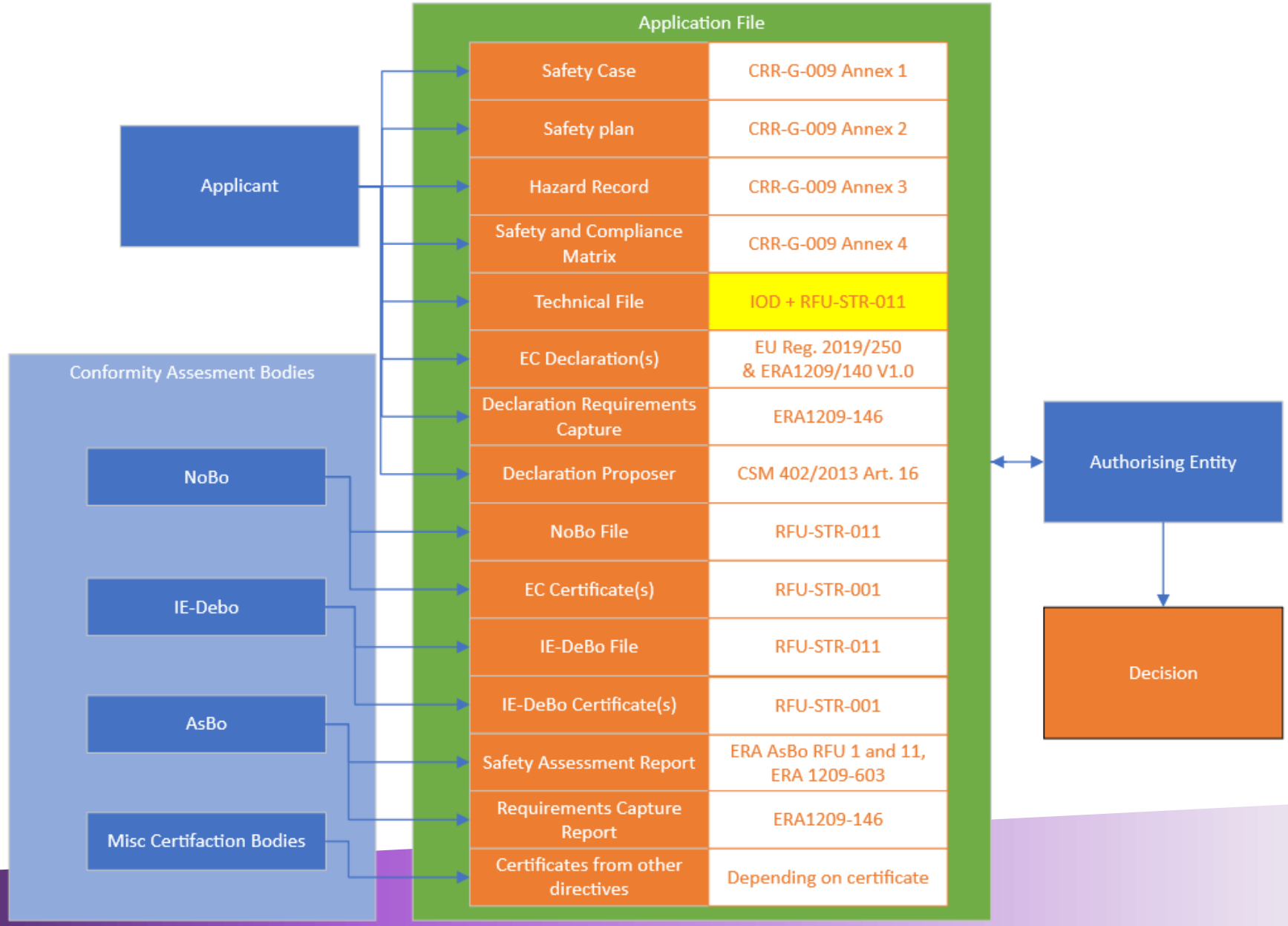
CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



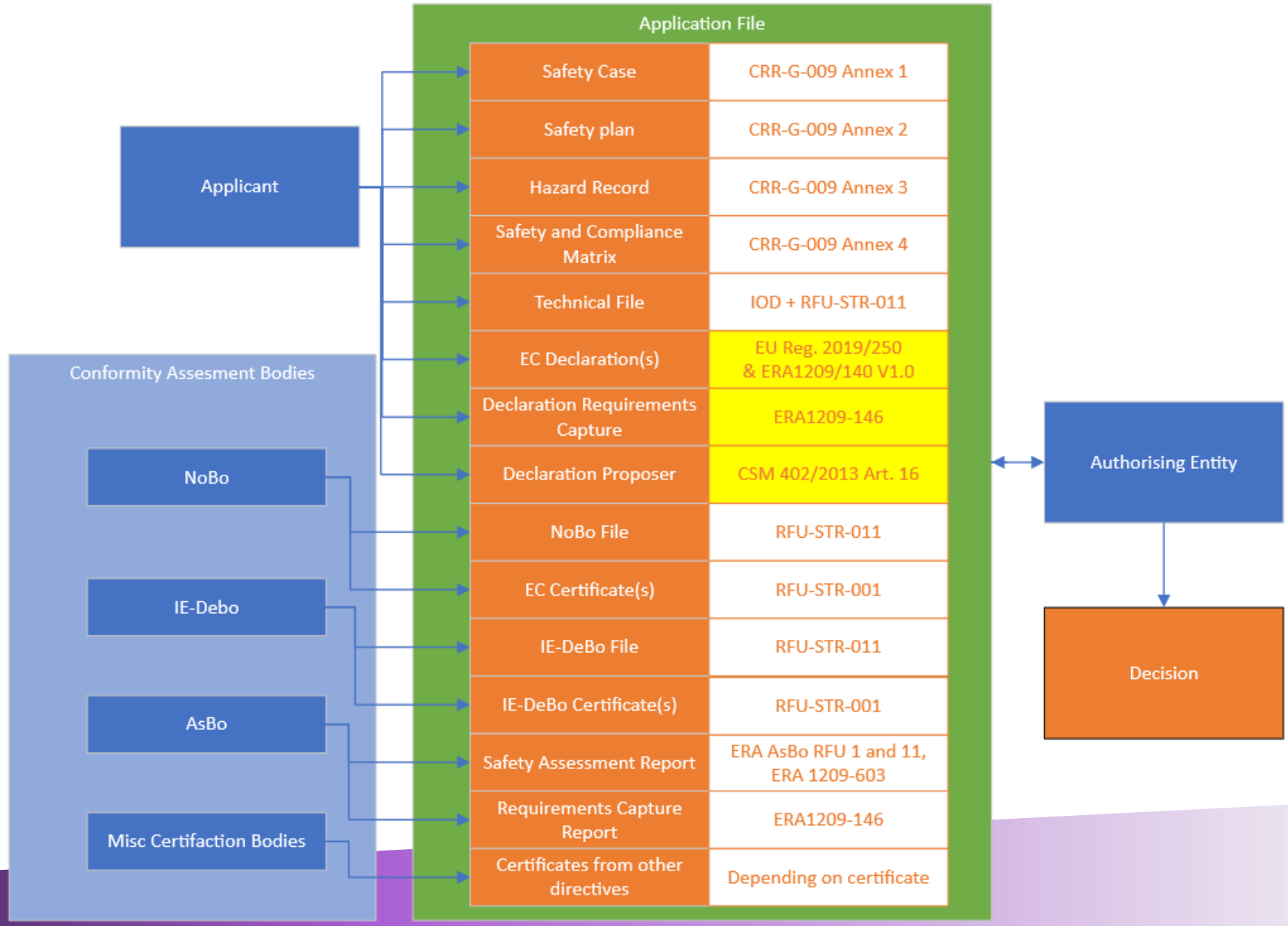
CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



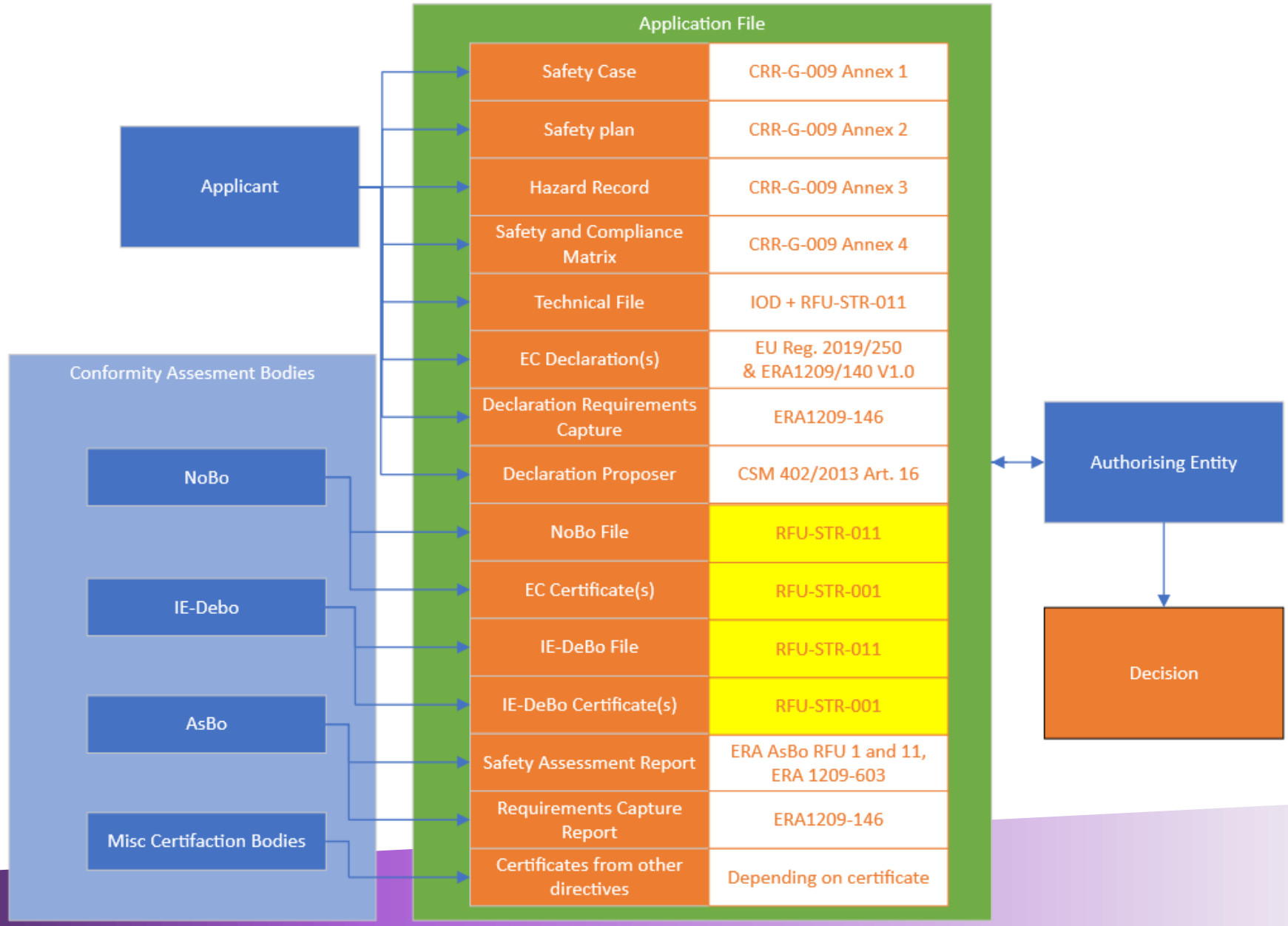
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



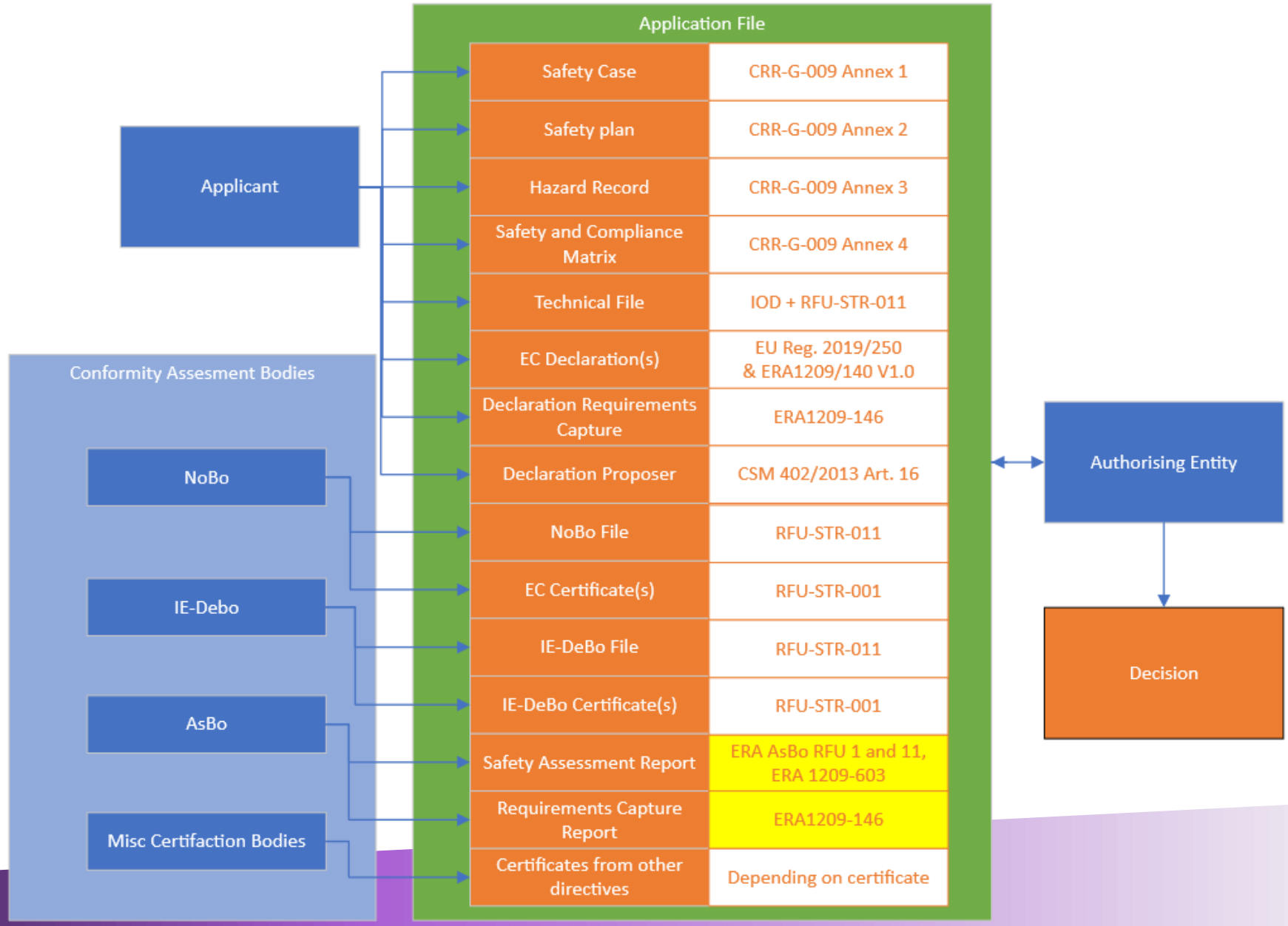
CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



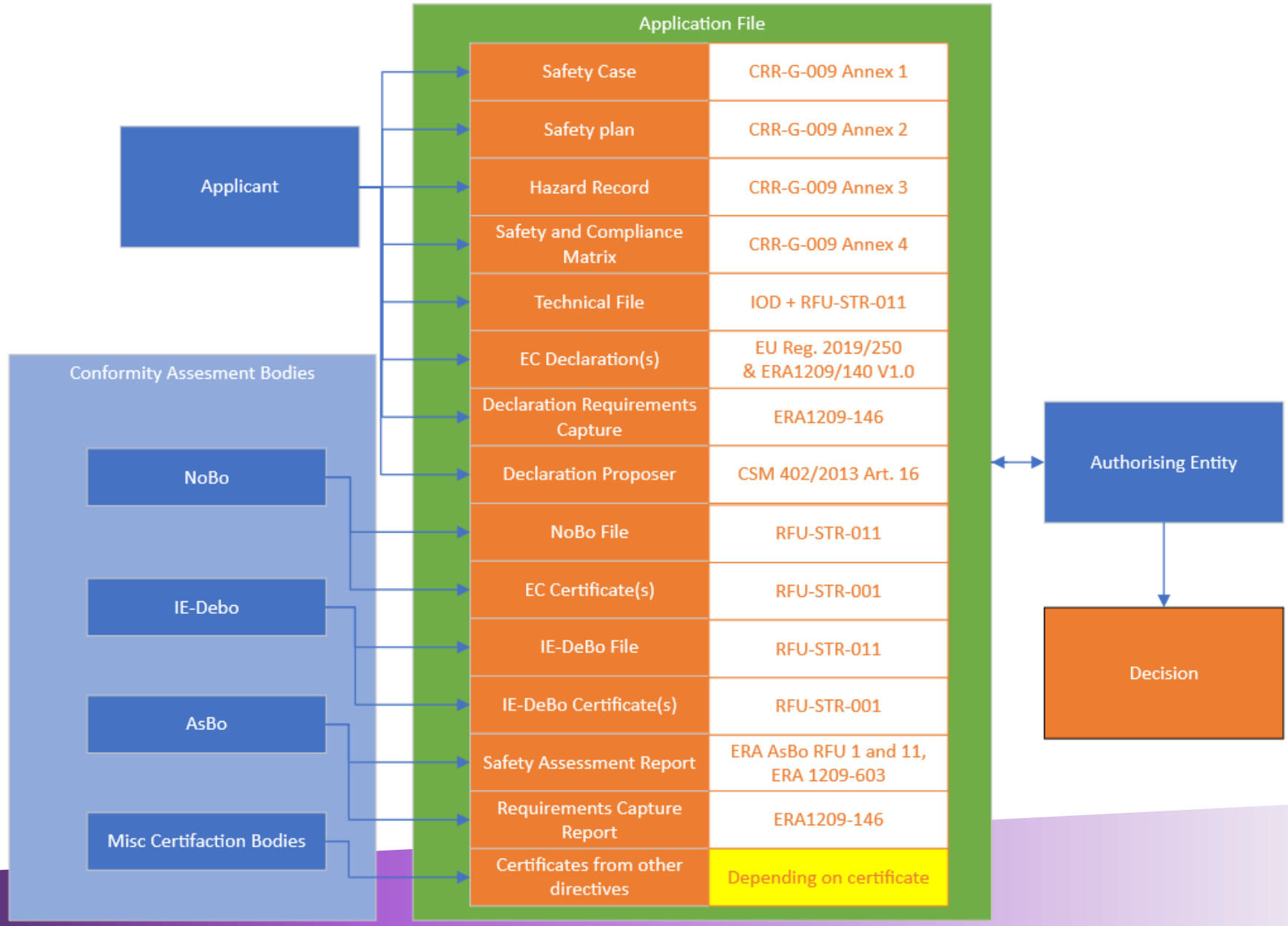
CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



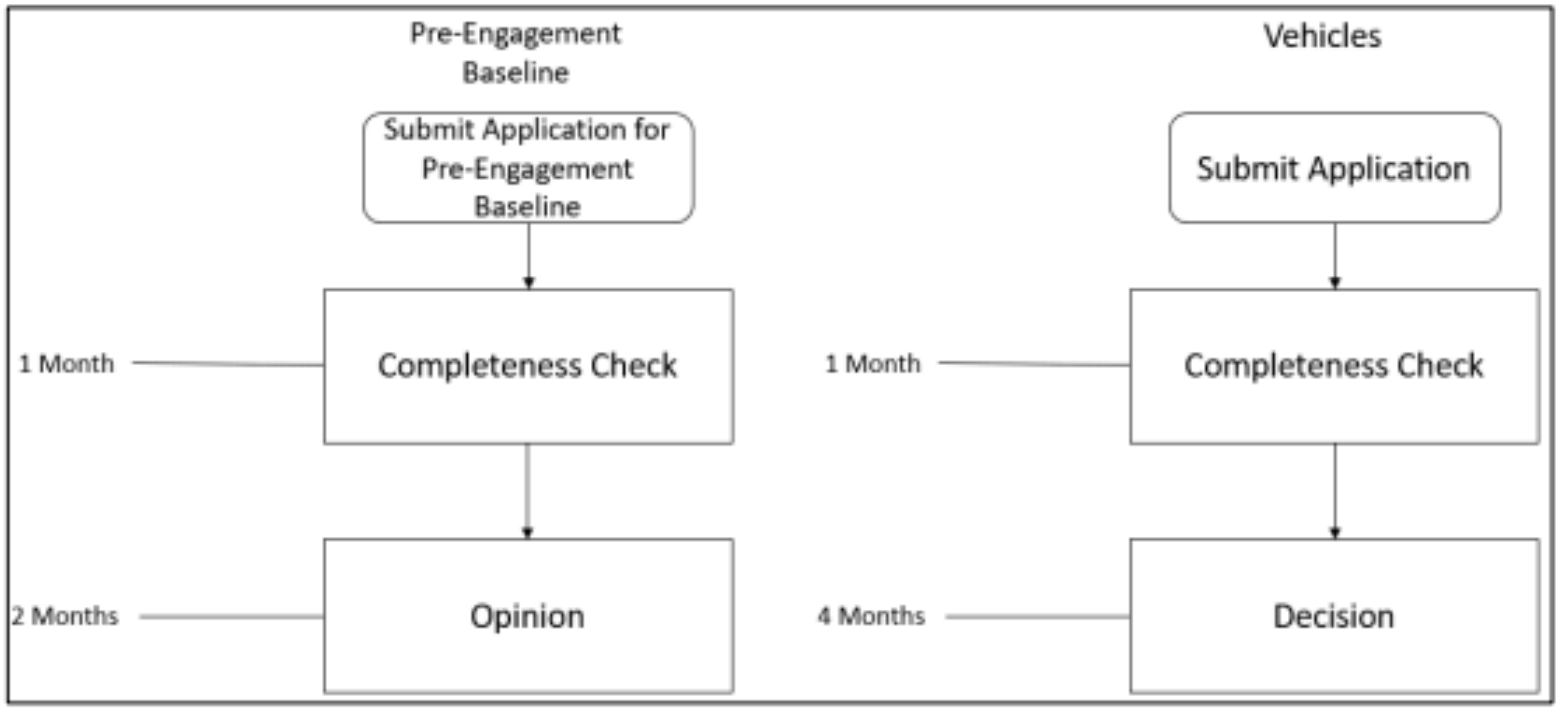
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Application File IOD



CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Engagement/review



Issues Log

- Type 1
- Type 2
- Type 3
- Type 4

CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Acceptance for testing

1. The Agency is not involved in this process

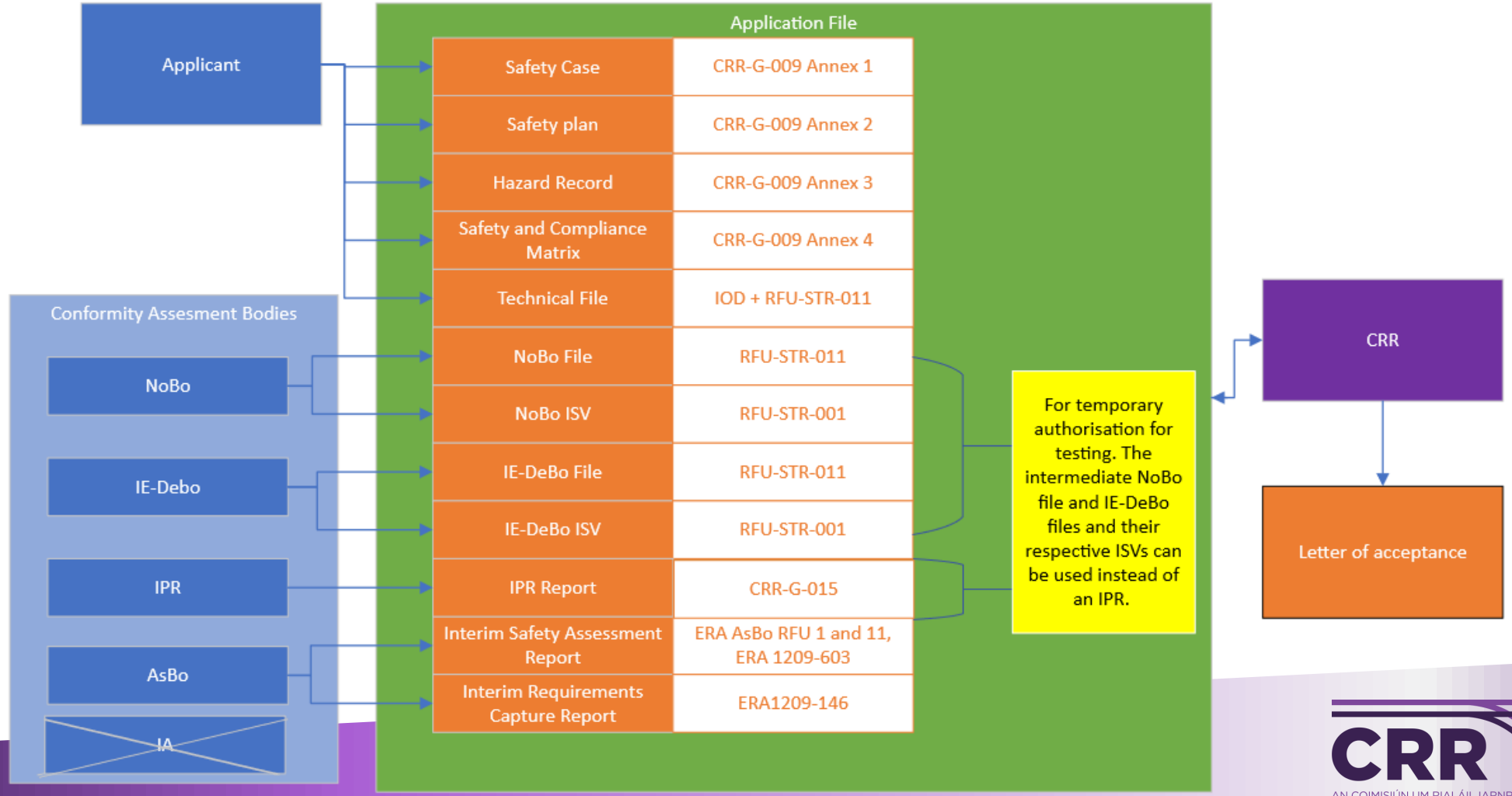
2. OSS does not support the process

RSA 2005 Sect 43 (11(a))

1. Time allowed:

> ”28 days, beginning on the date of receipt by the Commission of a new rolling stock assessment or a revised new rolling stock assessment or receipt of all information or clarifications requested (12)”

Application file Temporary Authorisation for testing Heavy Rail



CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

RSA Section 43.

43.—(1) A railway organisation shall not bring into operation new rolling stock

unless—

(a) it has submitted a safety assessment (referred to in this section as a "new rolling stock assessment") to the Commission containing such information—

(i) as it considers appropriate to demonstrate to the satisfaction of the Commission the safety of the new rolling stock, or

(ii) as the Commission may set out in guidelines published in accordance with section 39(4),

and

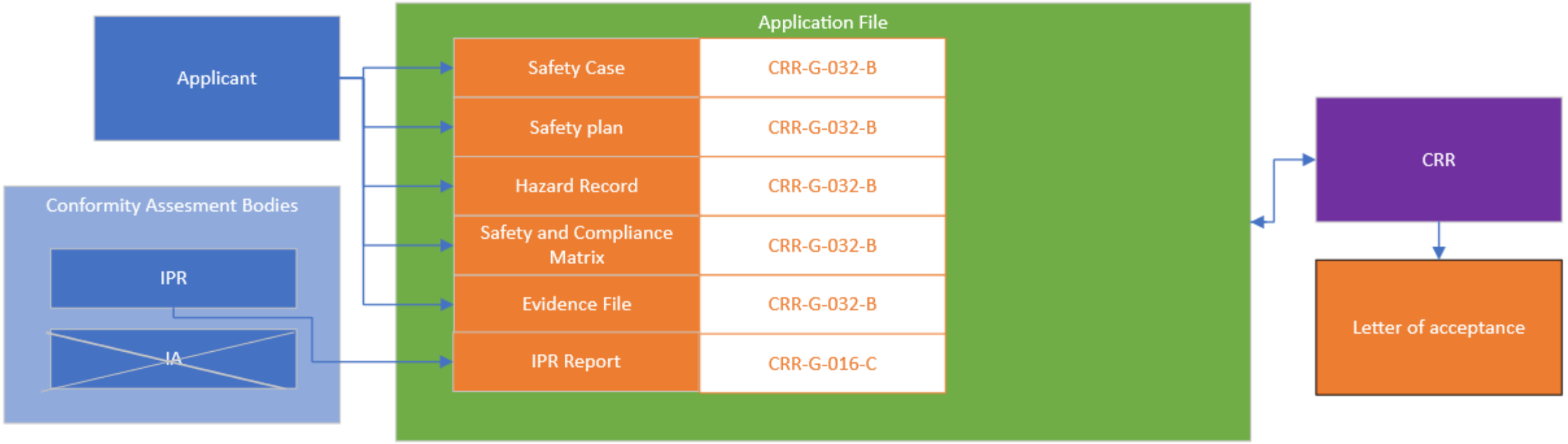
(b) the Commission has issued a communication under subsection (4).

CRR
AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION

Light Rail Guidance and CoPs

- CRR-G-032
- CRR-G-016-C
- EN 50126-1 Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Basic requirements and generic process
- EN 50126-2 Railway applications – The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS)- Part 2: Guide to the application of EN 50126-1 for Safety
- EN 50128 Railway applications- Communications, signalling and processing systems – Software for railway control and protection systems
- EN 50129 Railway applications – Communication, signalling and processing systems – Safety related electronic systems for signalling

Application File Light-Rail



Summary

- Heavy Rail and Light rail authorisations are complicated processes but are manageable:
  - if you know where to start and where to look for more information
  - And engage with authorising entity throughout the process.

CRR

AN COIMISIÚN UM RIALÁIL IARNRÓID
COMMISSION FOR RAILWAY REGULATION