# ArchiMate Case study

Professional driving certificate

# Goals

- Understand (just enough of) my organisation's architecture
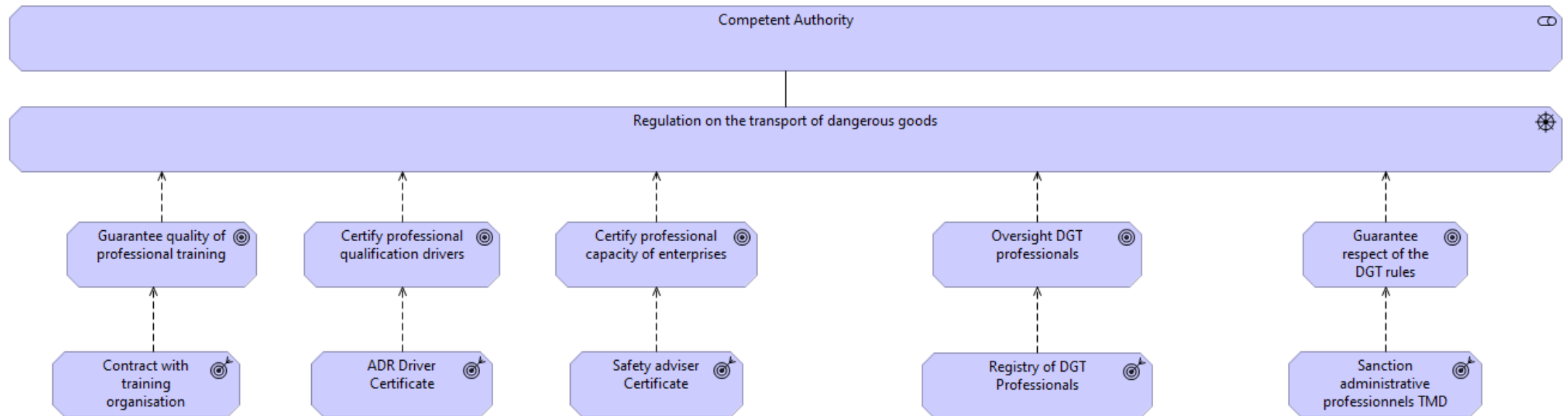- Analyse the impact of changes on my organisation's architecture

# Modelling motivations

# Why a driving certificate

- My organisation is the Ministry of Transports

- Competent authority in charge of the transport of Dangerous Goods

  - Drivers have learned the security rules

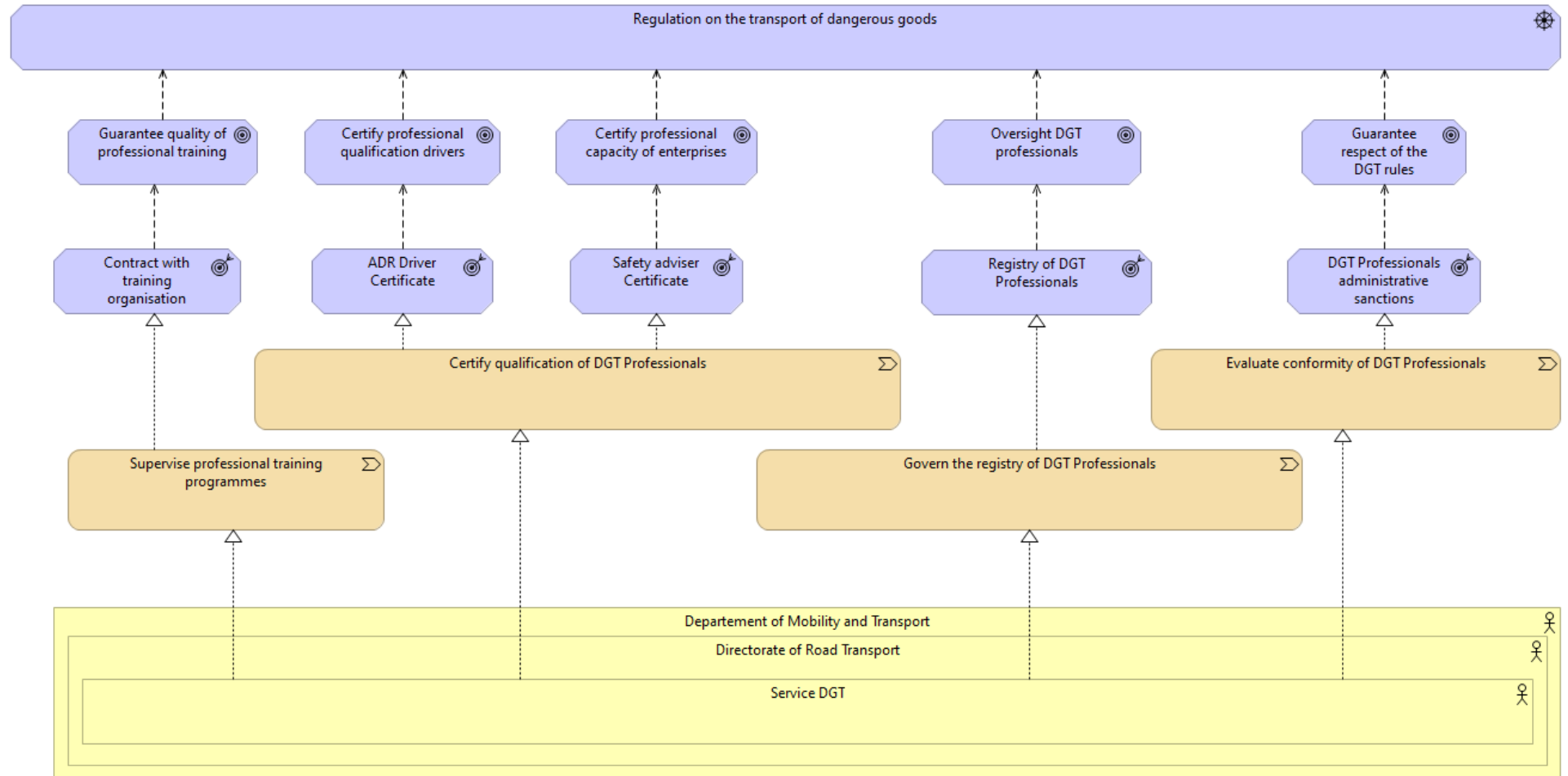  - Drivers respect the rules when driving on the roads

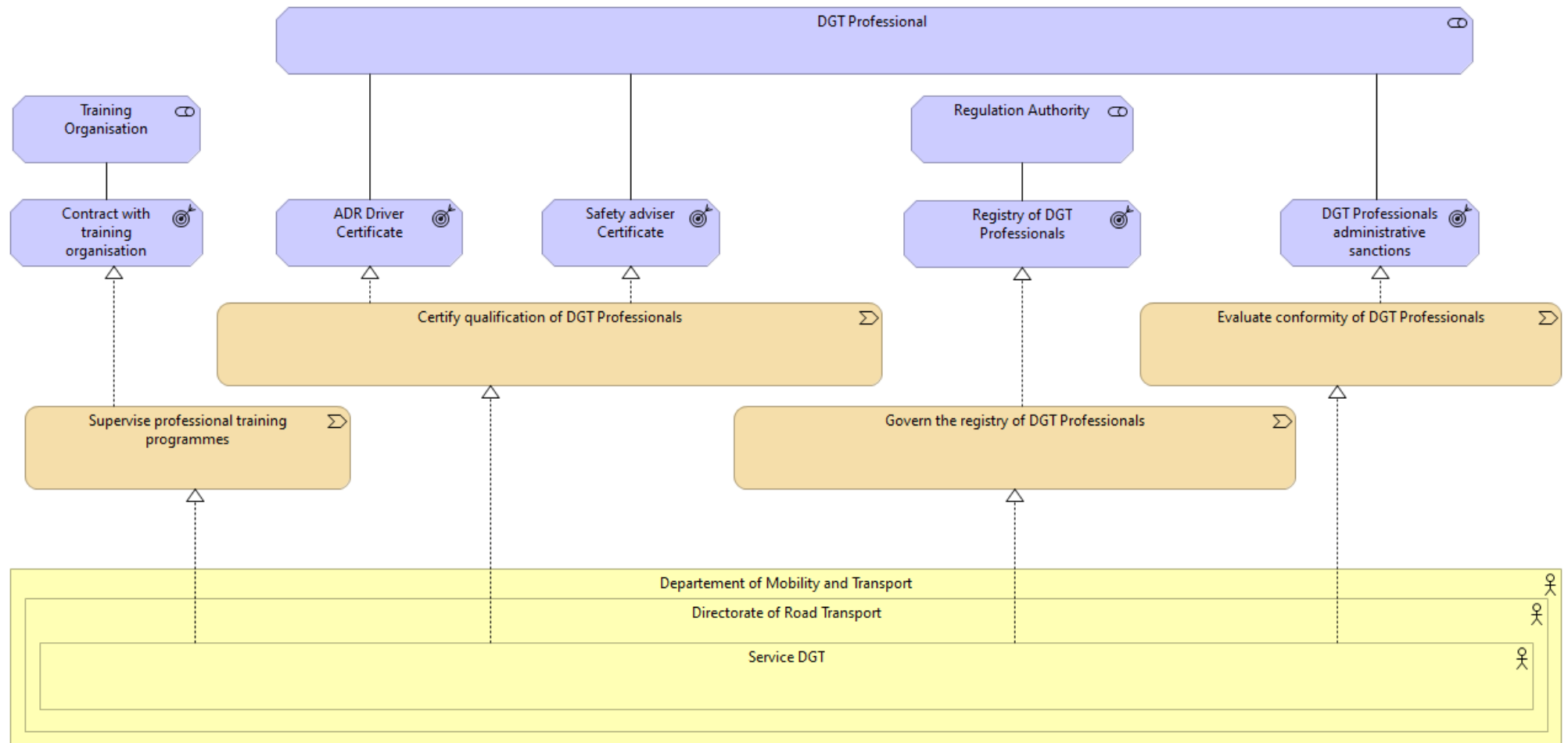# Motivations of the Competent Authority

# Modelling strategy
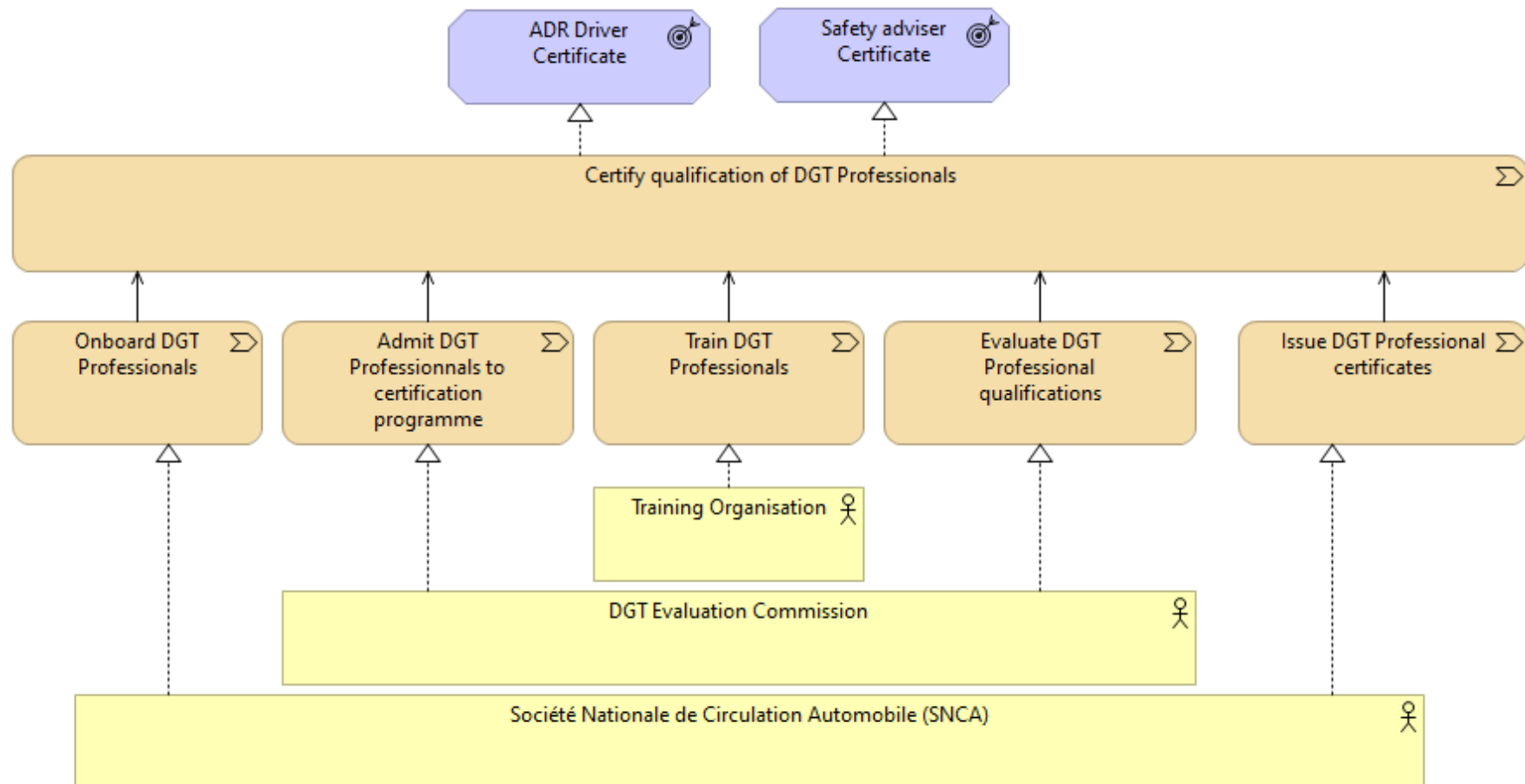
# Value creation

# Stakeholder's viewpoint of value

# The story

- As the competent authority in charge of the DG Transport regulation, I am concerned about the qualification of DGT Professionals

- I define regulatory instruments that certify that its holder is qualified

- I contract training organizations to professionally organize and deliver the training courses

- I maintain a registry of the certified DGT professionals, so that I can have a complete view on the professionals I certified

- I evaluate the conformity of the professionals with the rules and sanction them if needed
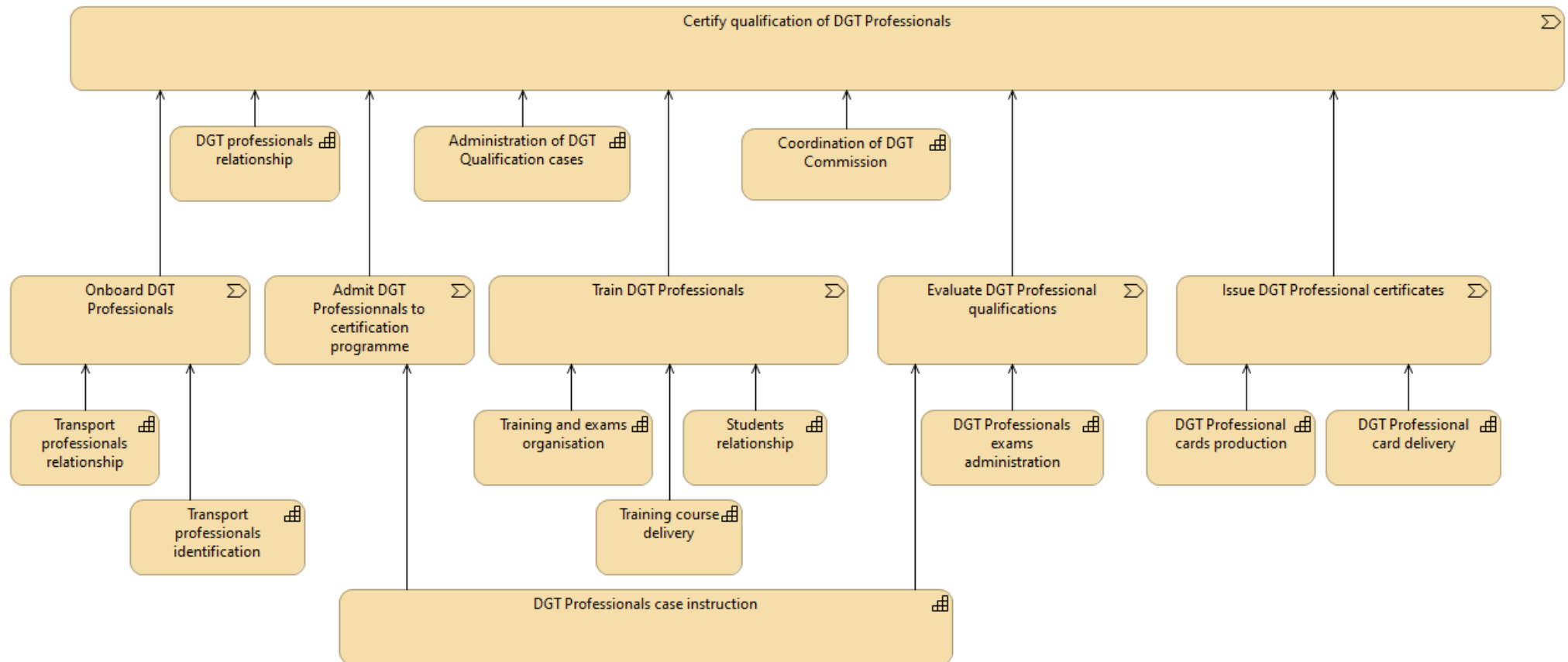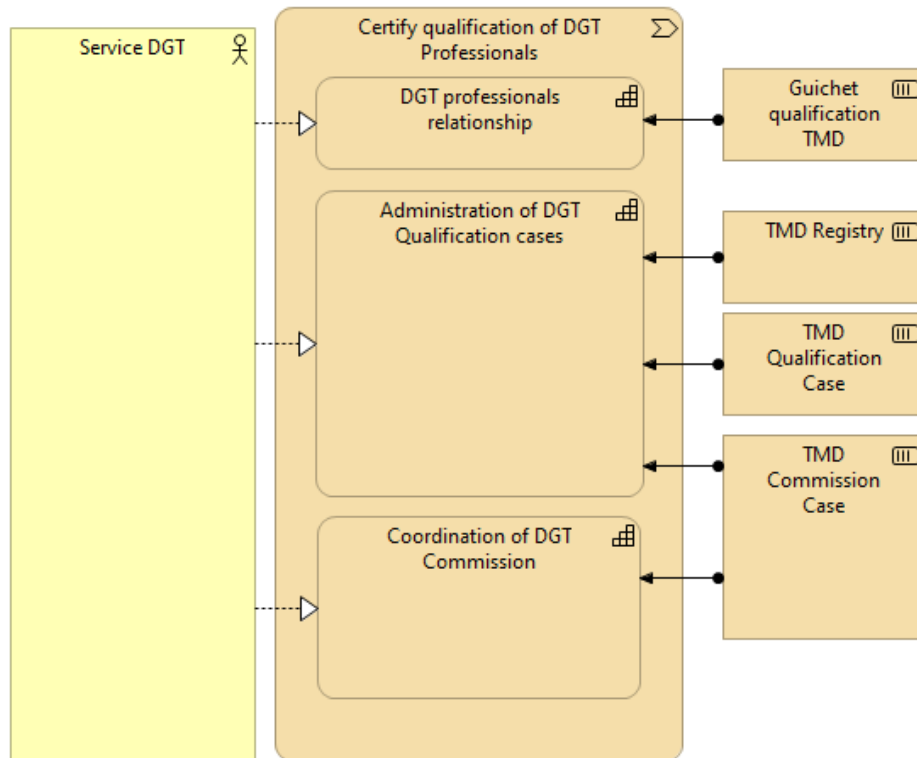
# Value creation ecosystem

# The dependencies

- To certify the professionals I rely on

  - The onboarding processes under the responsibility of SNCA

  - The admission processes under the responsibility of the DGT Commission

  - The training processes under the responsibility of the contracted Training organization

  - The evaluation processes under the responsibility of the DGT Commission

  - The card issuance processes under the responsibility of SNCA
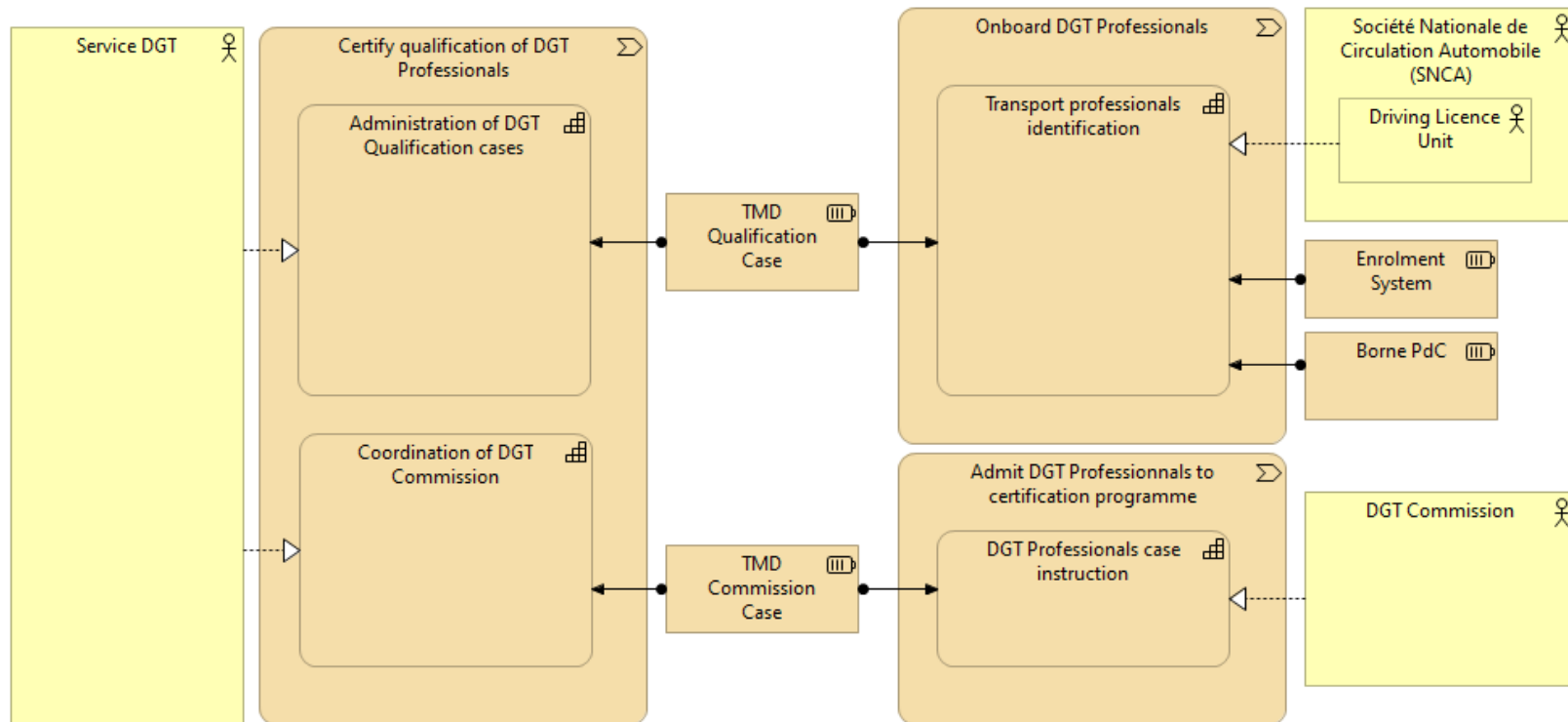
# Required capabilities

# Capabilities and resources



- To certify the professionals I need the capabilities to
  - Manage relationship with professionals
  - Administer the qualification cases
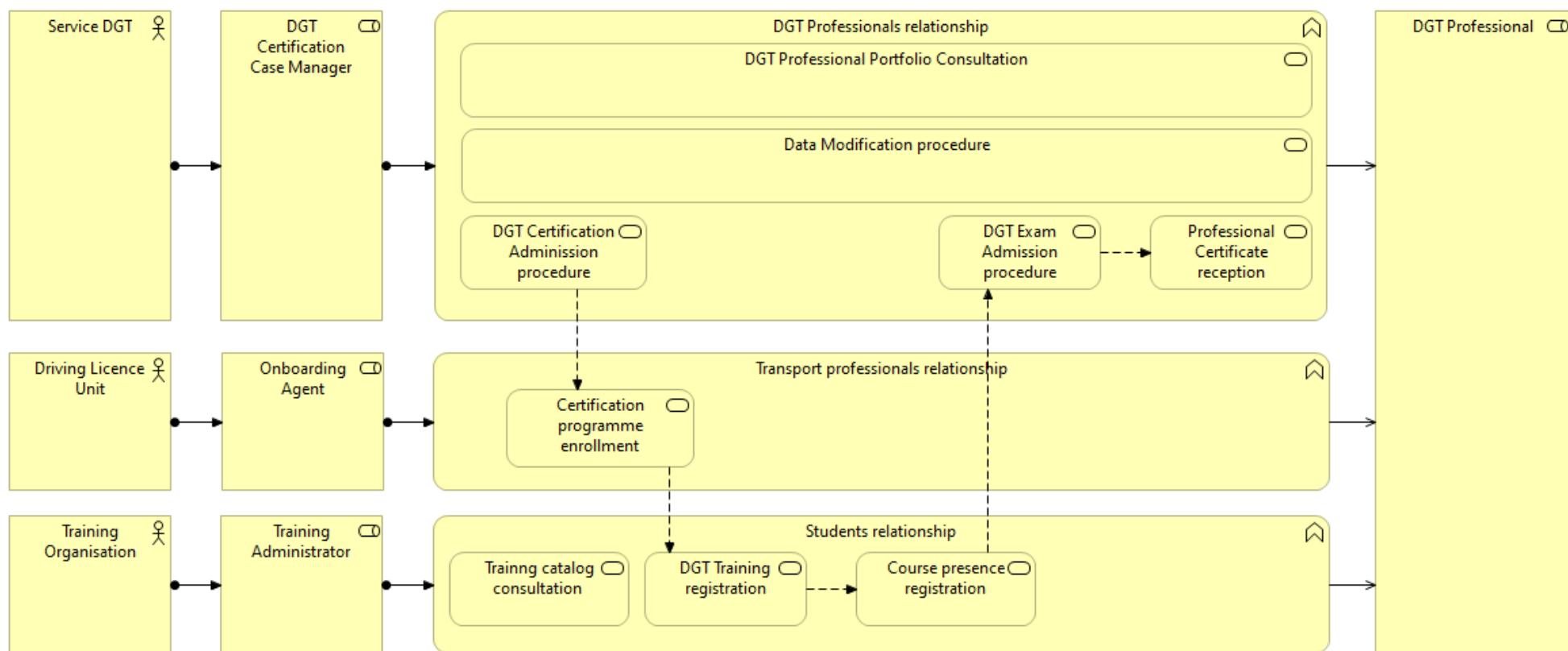  - Coordinate the DGT Commission

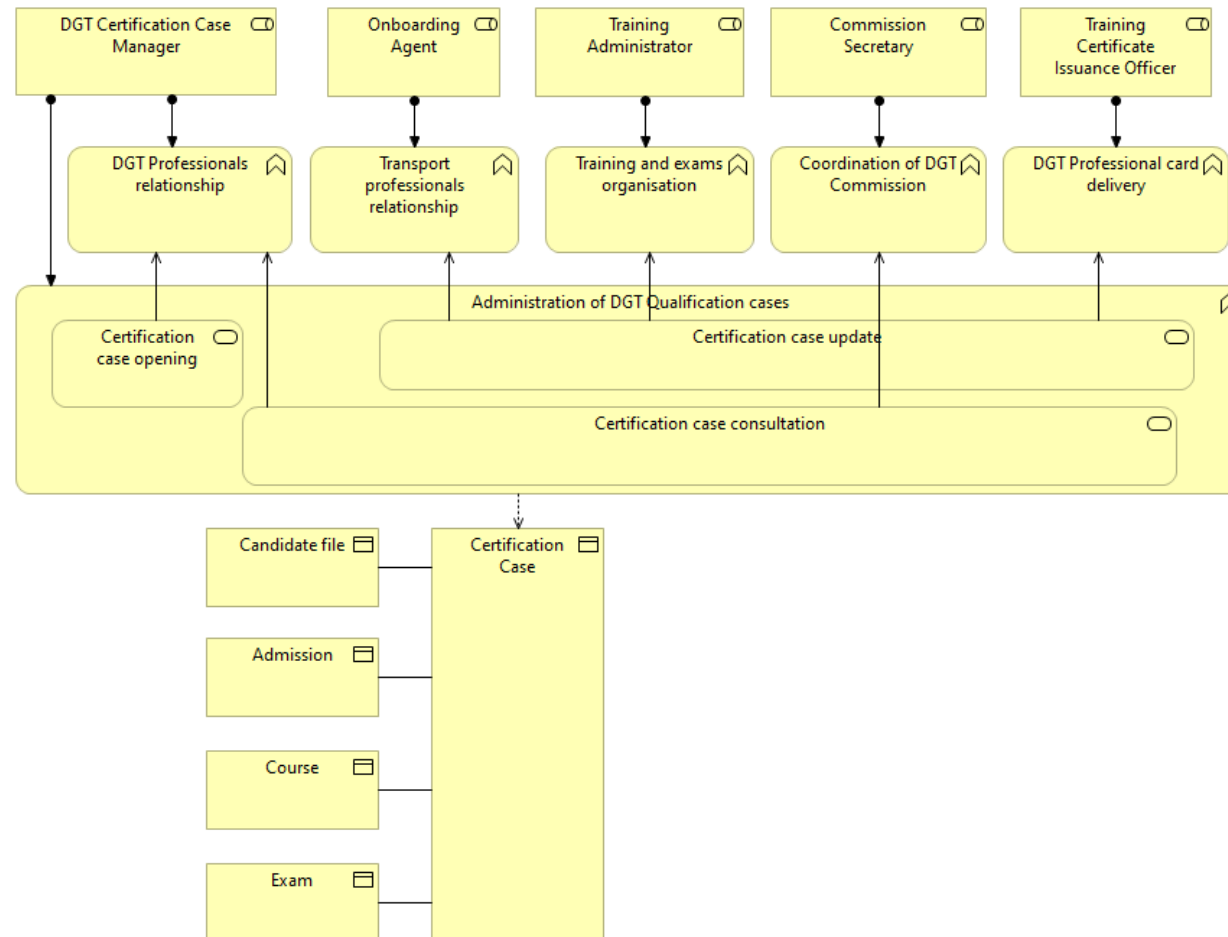# Collaboration through shared resources
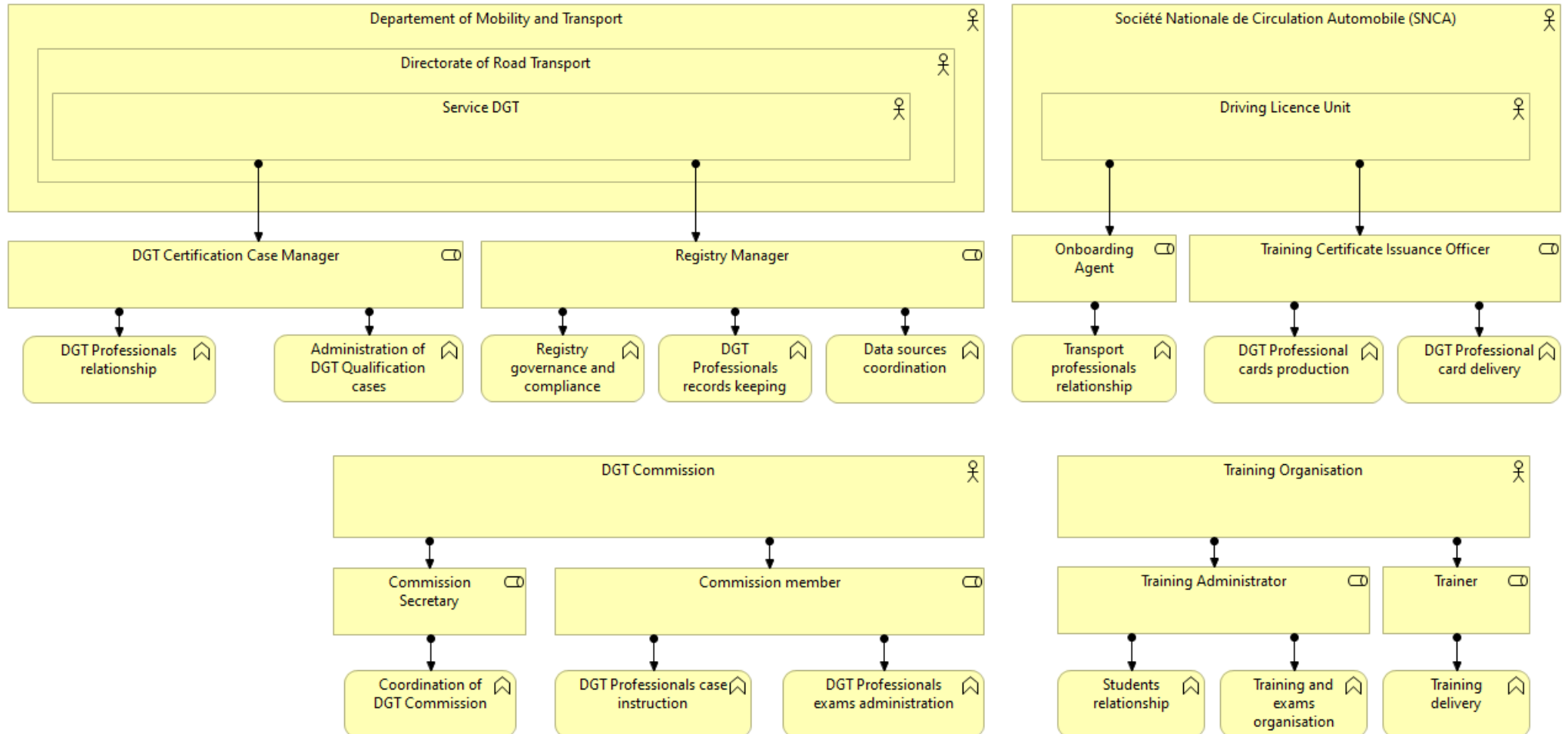
# Modelling operations
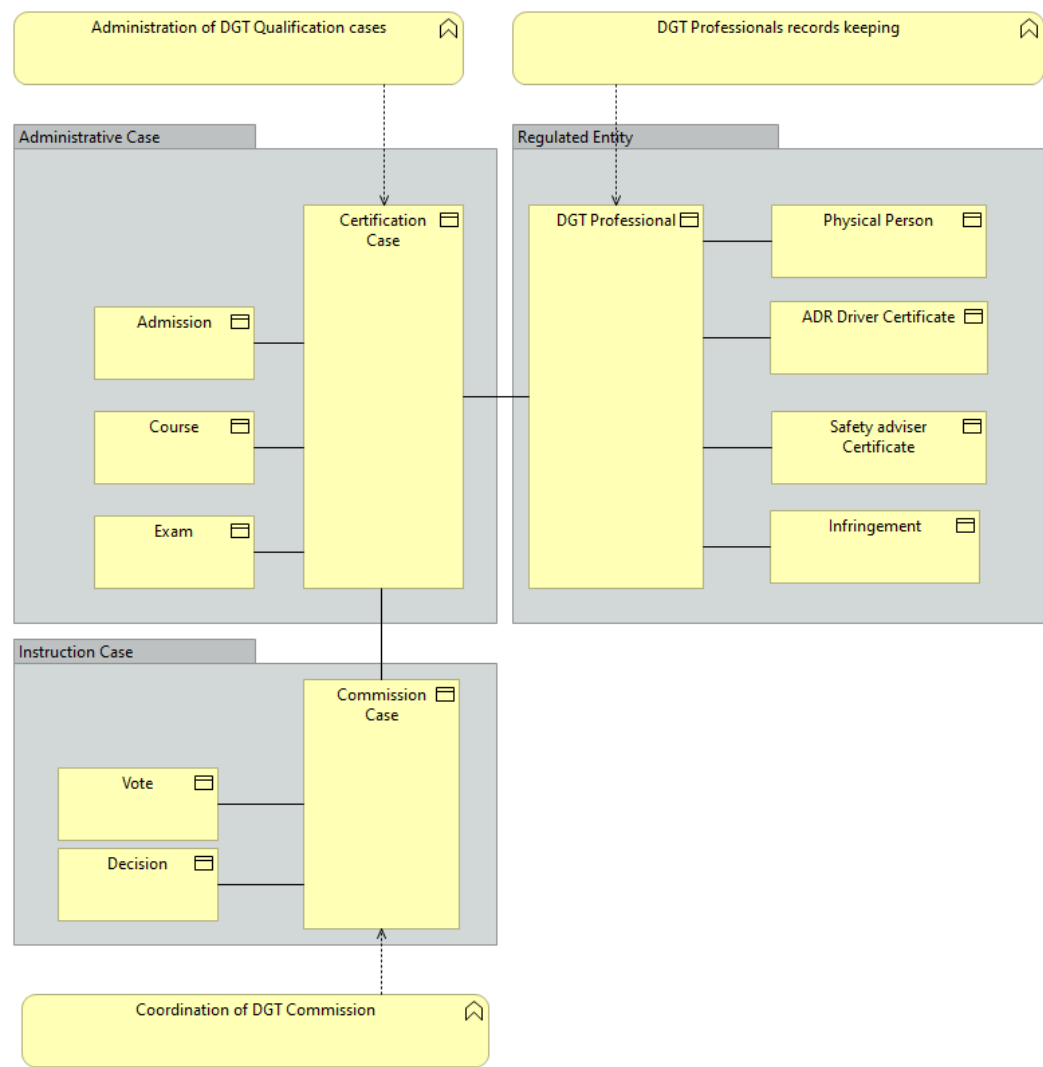
# Customer journey

# Qualification Case administration
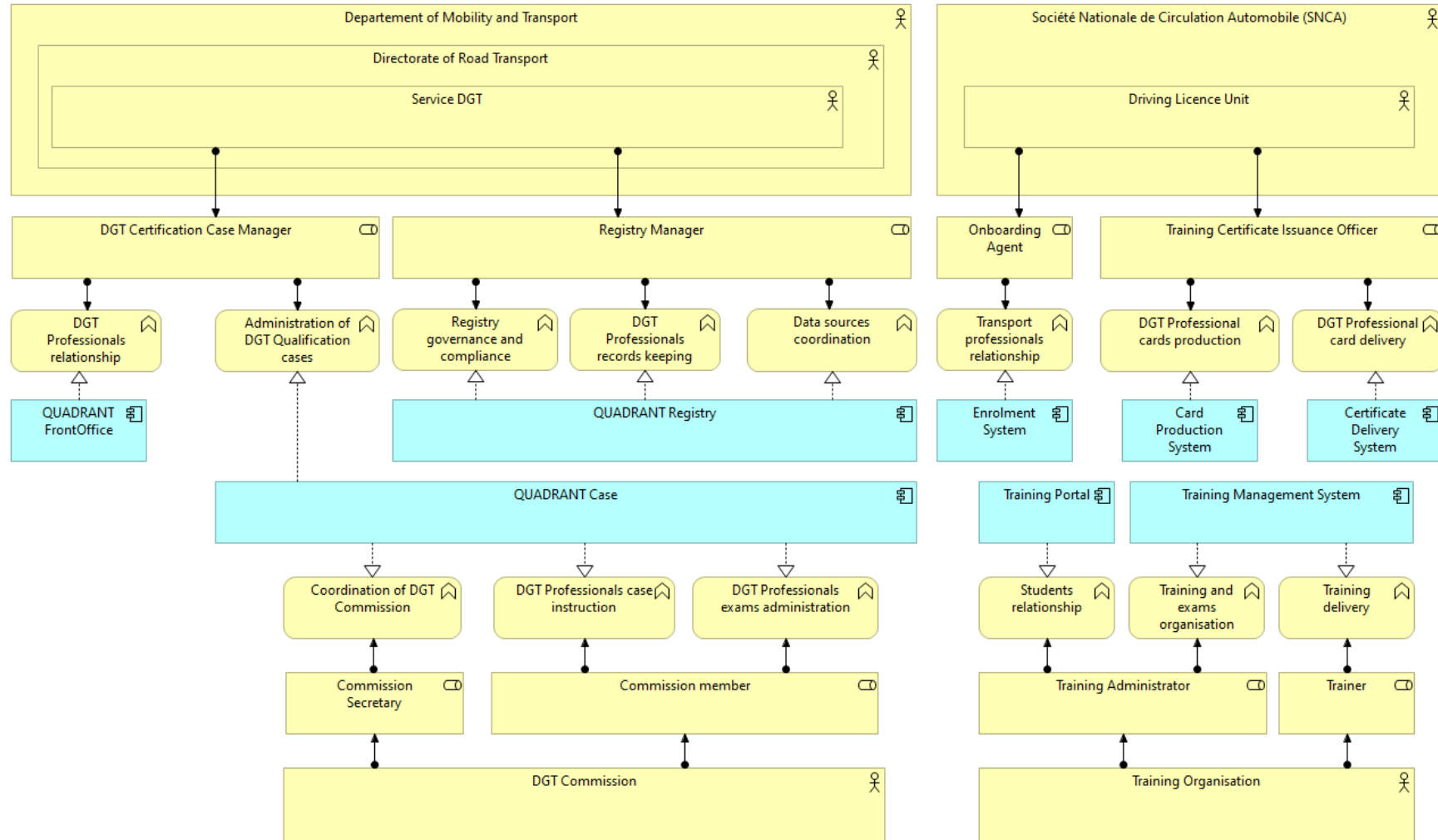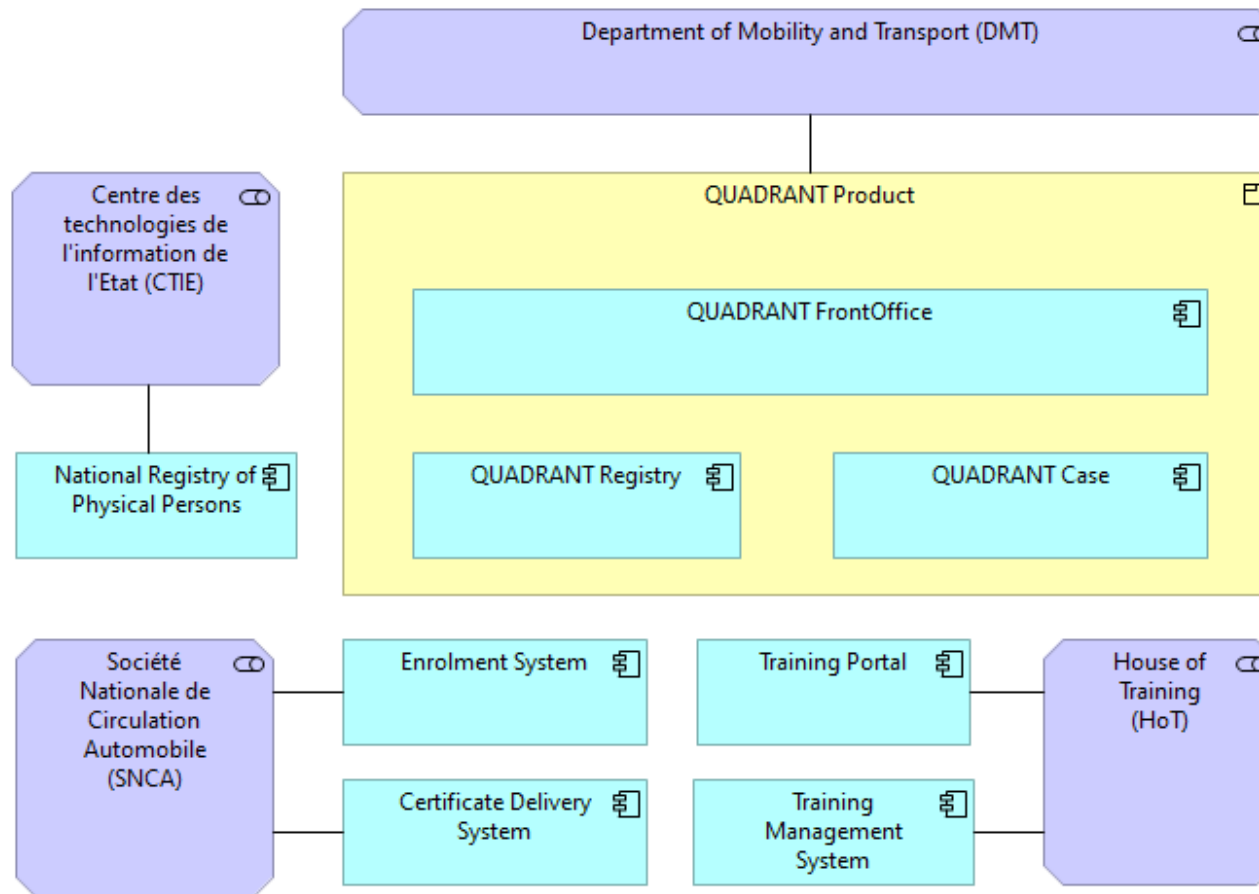
# Functional responsibilities
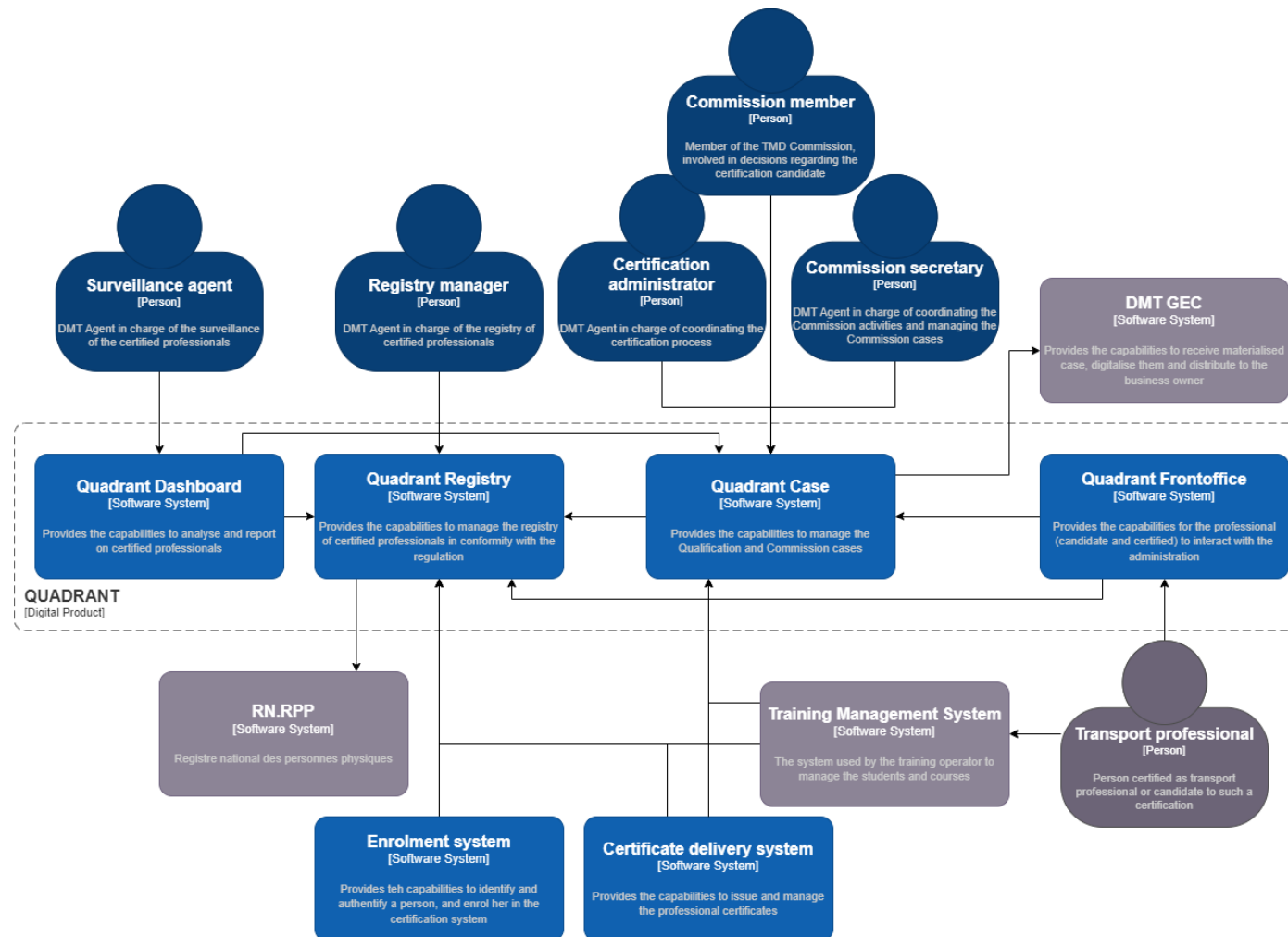
# Information

# Digital products

# Technical realization

# Development organization

# Software architecture (C4 Model)

# Model level 2 (container)