



INTERNATIONAL UNION  
FOR ROAD-RAIL  
COMBINED TRANSPORT

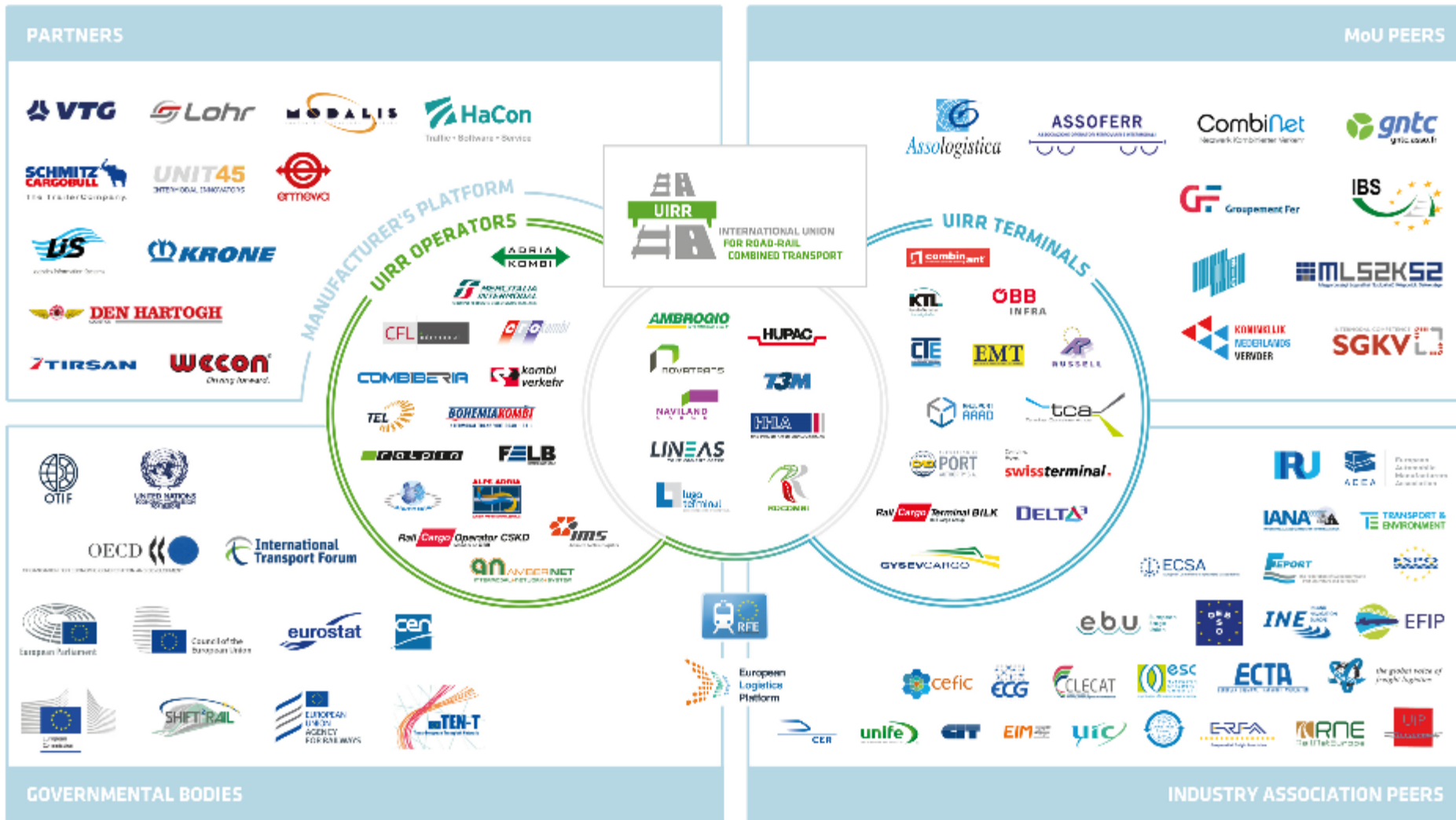
# Train Operations

## HOW CAN DIGITALIZATION HELP INTERMODAL LOGISTICS CHAINS?



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# UIRR: the Industry Association of Combined Transport



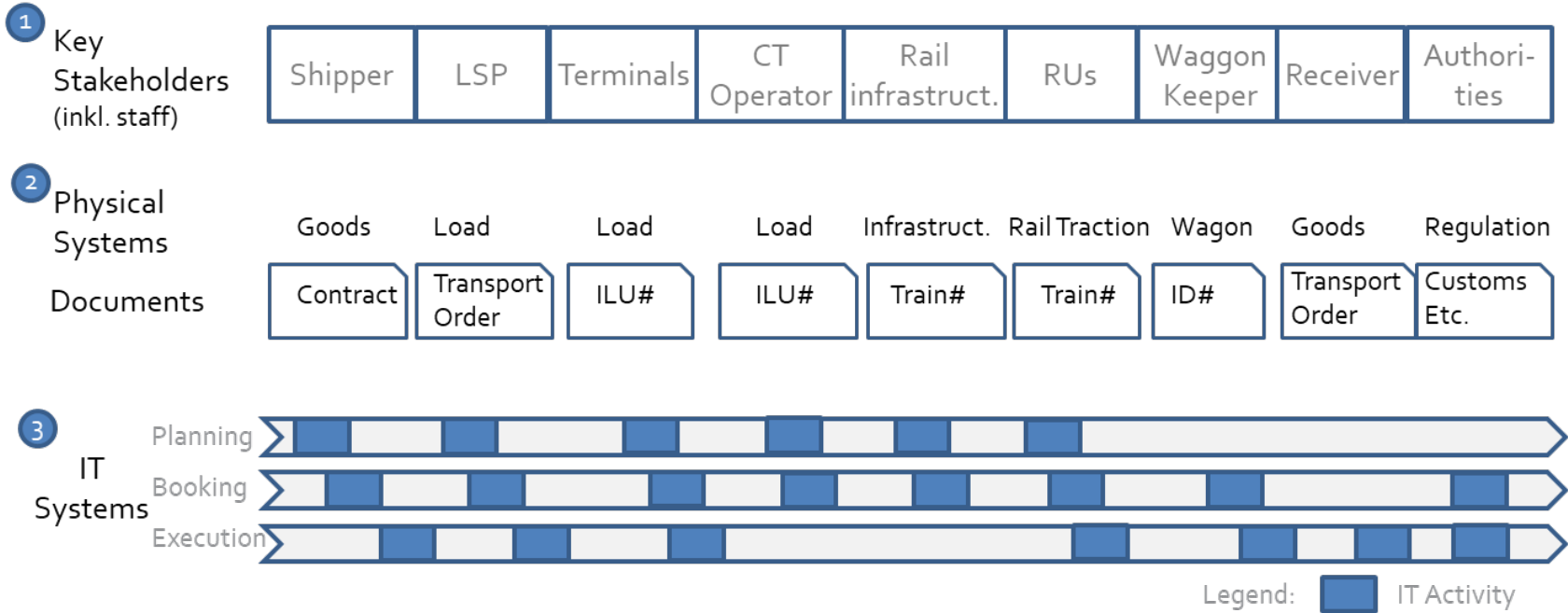


## **'Digitisation'**

is the process of converting information into a digital computer-readable format.

## **'Digitalisation'**

means the use of digital technologies to change processes and provide new revenues and value-producing opportunities through enhanced products and services.

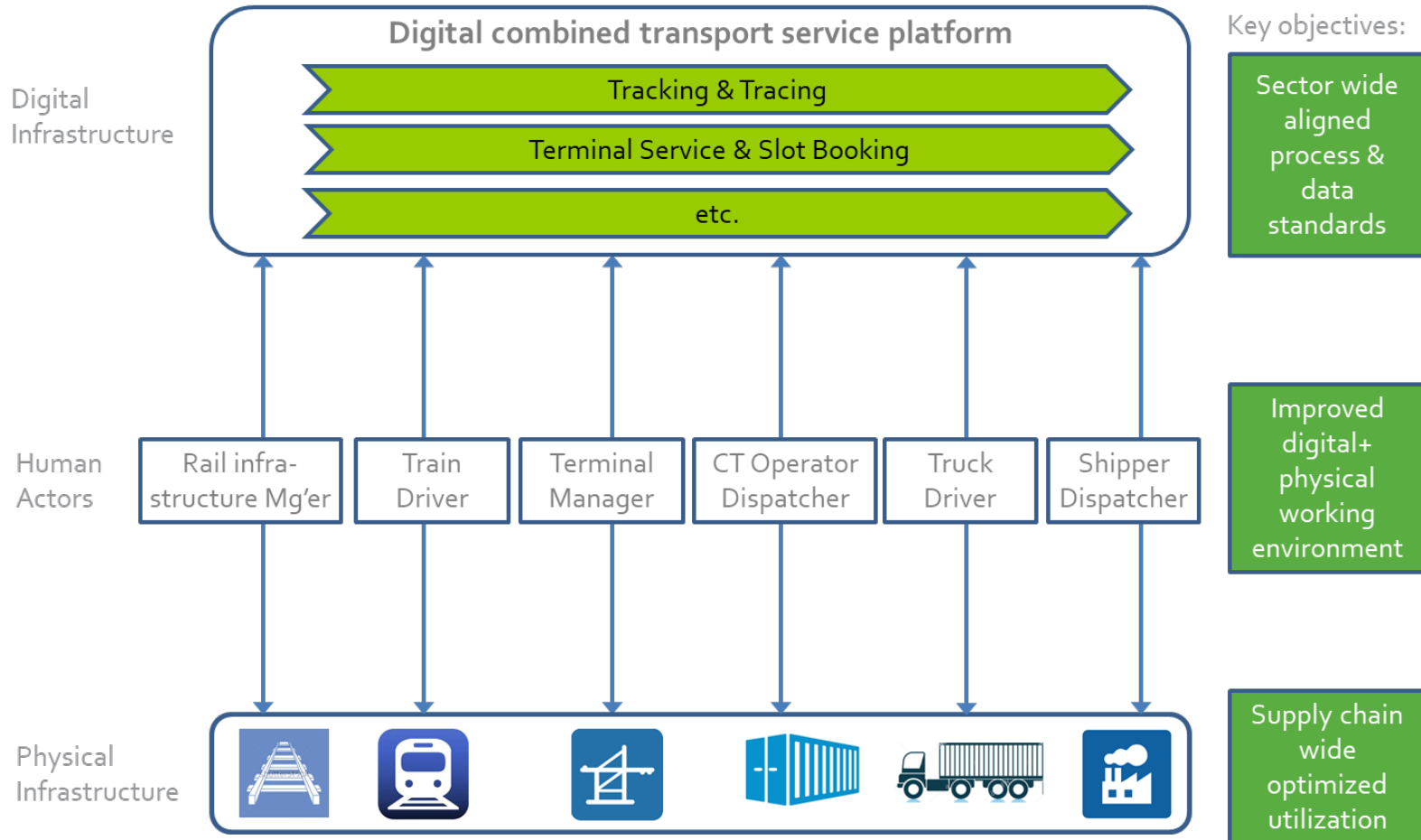


## Key drivers leading to transformation:

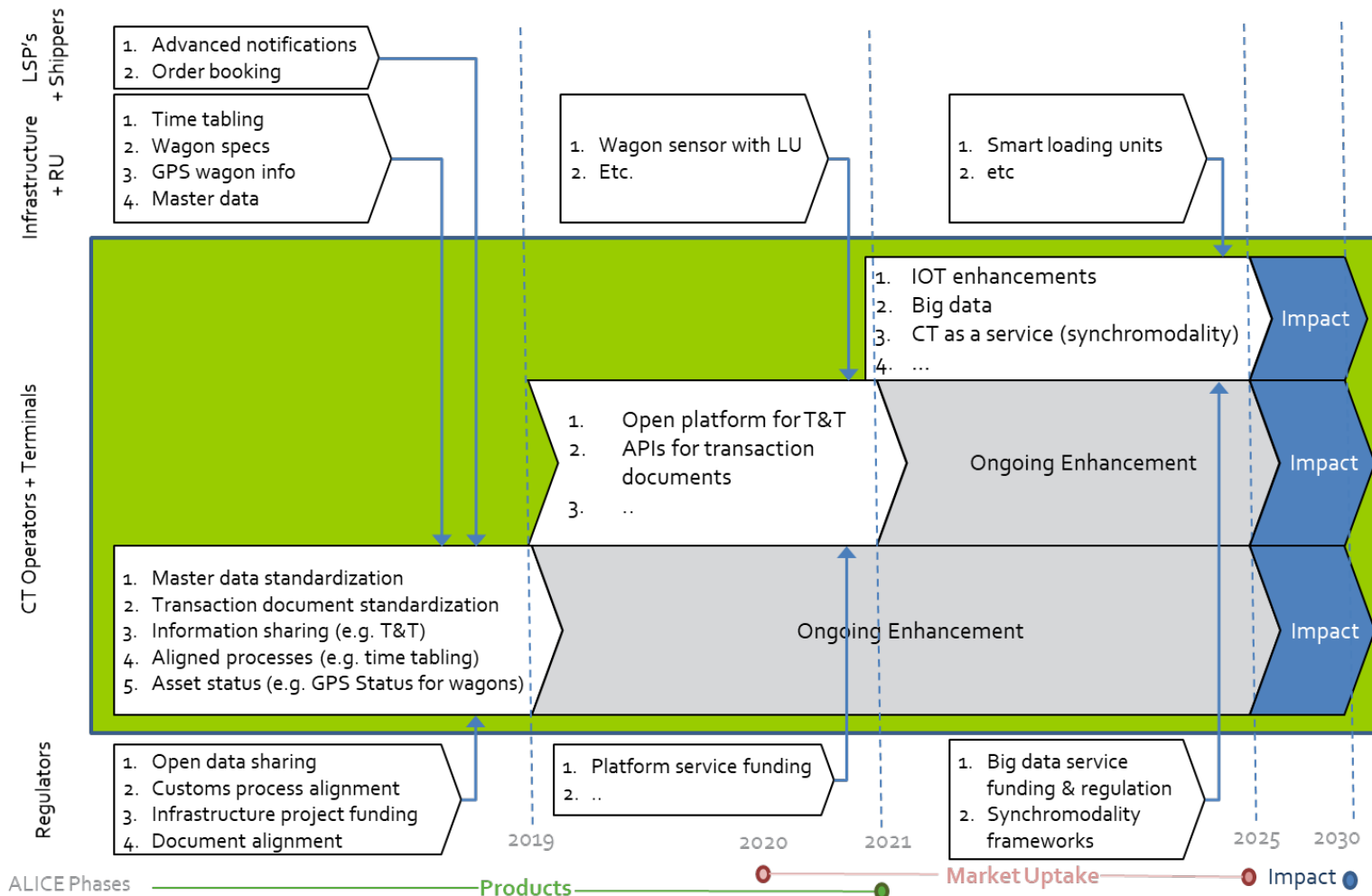
- Competition of other transport modes
- Legislative pressure on the need to accelerate the digitalisation process in transport
- Requirements of the end-users (shippers)
- Development of technologies



The CT sector's vision is to transform itself from a pure road-rail freight transport service provider to a cargo mobility service provider for the logistics supply chain.



# Digital transformation in CT: a 3-phase approach



**Six levels of activities, impacts and responsible stakeholders**

## Development of a European Database of all physical loading units (based on the ILU-Code)

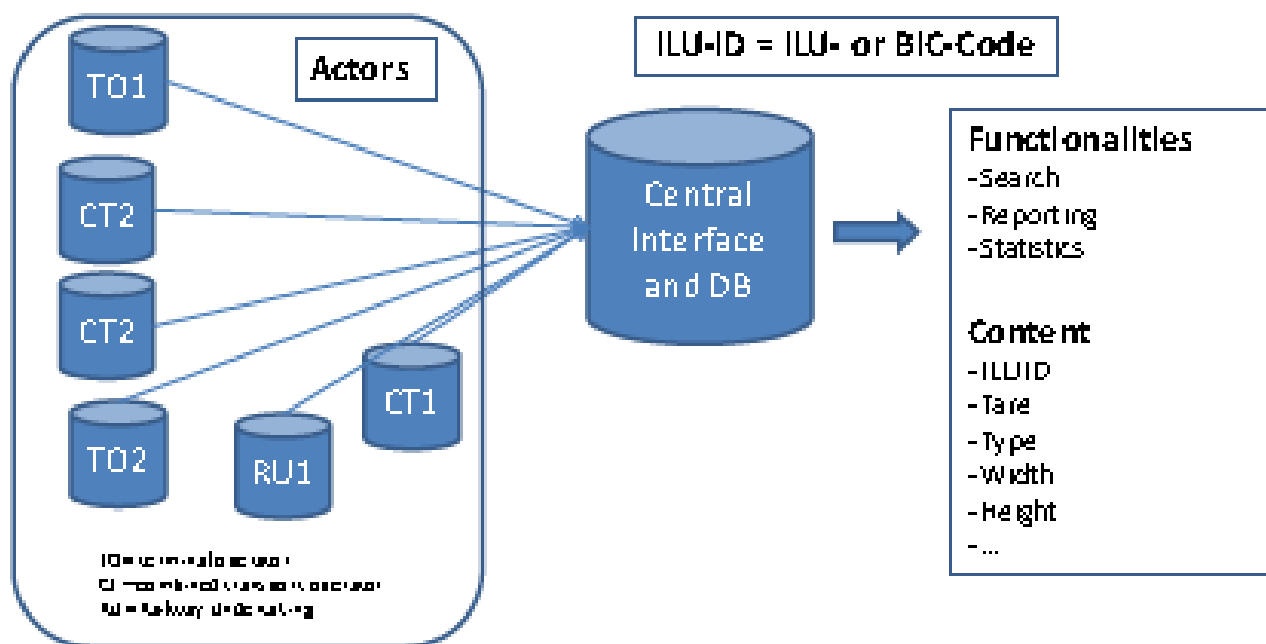


Figure 8 - Concept of ILU-Database - First layer



- **Road-Rail Combined Transport**, promoted by UIRR and its member companies, is recognised as **the most economic railway technique** to ensure a sustainable modal shift for goods
- Our vision, supported by digitalisation, is **the creation of a European Open Digital CT Service Platform** for all interested parties
- **The success of the CT digital transformation** will result in a smart and **cooperative integration of all stakeholders** into logically one single CT ecosystem
- UIRR proposes to roll out the entire CT digital transformation in **three distinctive phases**





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# THANK YOU

For your attention

