

EDICT Live Event

Hall A6 – Room A62



Agenda

- **Greeting and introduction to the EDICT project**
 - UIRR: Ralf-Charley Schultze, President | Eric Feyen, EDICT coordinator
- **The needs for data sharing in Combined Transport**
 - European Commission: Yann Seimandi, Policy Officer Digitalisation | ERA: Mickael Varga, Project Officer
- **The integration of terminal-related data: the vision of terminals**
 - Port of Rotterdam: Gilbert Bal, Senior Business Manager Supply Chain & Logistics | Combinant: Ben Beirnaert, General Manager)
- **Facilitation of data interconnectivity through TIS**
 - RailNetEurope: Harald Reisinger, CIO
- **Necessity and benefits of a standardised collaborative European QMS for Combined Transport**
 - Consilis: Roland Klüber, CEO – co-coordinator EDICT
- **CESAR NEXT: the open tracking and tracing application for Combined Transport**
 - CIS: Aldo Croci, Chairman
- **KV4.0: the data hub for Combined Transport based on EDIGES**
 - DXI: Aldo Puglisi, Managing Director
- **Conclusions**
- **Social Meetup Cocktail**

UIRR, the industry association of Combined Transport

PARTNERS

MOU PEERS

UIRR OPERATORS

UIRR TERMINALS

INDUSTRY ASSOCIATION PEERS

GOVERNMENTAL BODIES

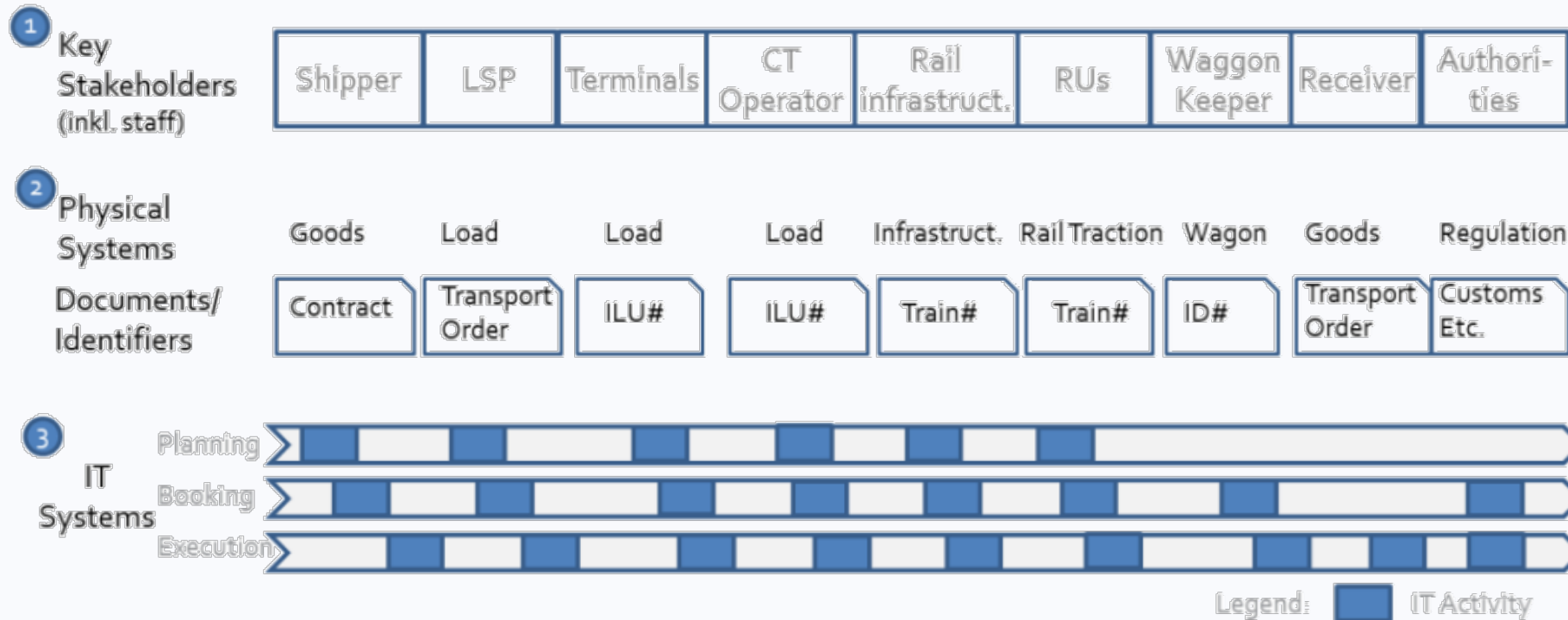
The graphic displays a wide array of logos including: DEN HARTOGH, Lohr, MODALIS, HACON, TRANSPOREON, CAMCO, Assologistica, IGTU, MLS2K52, DIE GUTERBAHNEN, ASSOFERR, CombiNet, gntc, LIS, SCHMITZ CARBULL, UNIT45, VTG, KRONE, MFD Rail, EUROWAGON, Allianz pro Schiene, SHFT 2030, TIA, IANA, RFG, Groupement Fer, IBS, GATX, EQUIMODAL, wecon, ernewa, evolit, N79, Port of Hamburg, U.O.T.C. elastic, Club FERVIAR, LIMOWA, FERMERCI, SGKV, UIC, ECTAV, ADRIA KOMBI, MERCITALIA INTERMODAL, alpeadria, LINEAS, Batric Rail, tca, ROGOMBI, KTL, NACHHALIG & STARK im Kombiverkehr, TERMINALI ITALIA, CTE, RUSSELL, COMBIBERIA, kombi verkehr, CFL intermodal, NOVATRANS, DELTA RAIL, METRANS, Rail Cargo Terminal, INTERPORTO BOLOGNA, EWG EAST-WEST GATE, LAHAYE, Rail Cargo Operator, FELB, GYSEVCARGO, PIMK Rail, OBB INFRA, DELTA, WIEN CONT, RAILPORT ARAD, BOHEMIAKOMBI, PALPINA, samskip, T3M, TRANSYLVANIA RAIL HUB, PCC, ViiA, AMBROGIO, lugo terminal, HUPAC, Naviland Cargo, Cargobeamer, LOTRAS, CIT, ESC, ECG, RU, ESPO, cefic, ebv european barge union, ECSA, TEPORT, acea, FERROMED, INE, EUROPLATONS, the global voice of freight logistics, CLECAT, EFIP, CER, unife, EIM, ERFA, RNE, TRANSPORT & ENVIRONMENT, European Logistics Platform, OTIF, eurostat, cen, OECD, European Parliament, Council of the European Union, International Transport Forum, UNITED NATIONS EUROPEAN ECONOMIC COMMISSION, European Commission, Europe's Rail, EUROPEAN UNION AGENCY FOR RAILWAYS, TEN-T.

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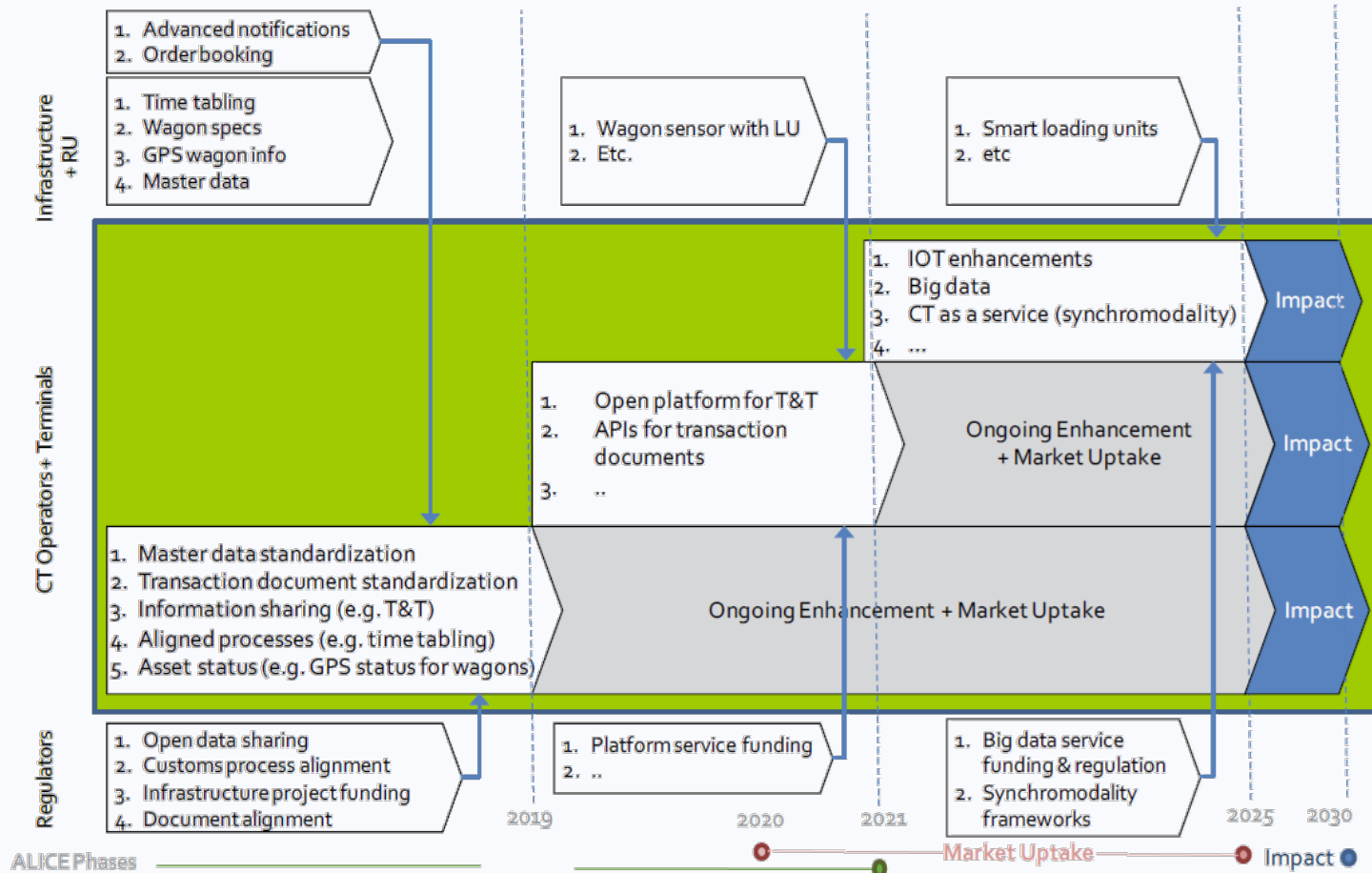
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Digitalisation in Combined Transport: the ecosystem



Digitalisation in Combined Transport: roadmap is ready – needs are identified



EDICT: fact sheet

- EDICT = Enhanced Data Interoperability for Combined Transport stakeholders
- CEF programme
- UIRR as coordinator
- 1 September 2022 - 24 months
- Budget of 3.1 million €
- 9 project partners (CTOs, TOs, IT providers) and 2 subcontractors
- 4 work packages
- Advisory Board with extended support



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EDICT: improving data interoperability & sharing in Combined Transport



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The needs for data sharing in Combined Transport (1)

Yann Seimandi
European Commission
Policy Officer Digitalisation





The needs for data sharing in Combined Transport (2)

Mickael Varga
ERA
Project Officer





The integration of terminal-related data: the vision of terminals (1)

Gilbert Bal

Port of Rotterdam
Senior Business Manager
Supply Chain & Logistics





The integration of terminal-related data: the vision of terminals (2)

Ben Beirnaert
Combinant
General Manager



Facilitation of data interconnectivity through TIS

Harald Reisinger
RailNetEurope
CIO





Necessity and benefits of a standardised collaborative European QMS for Combined Transport

Roland Klüber
Consilis
CEO
(EDICT co-coordinator)

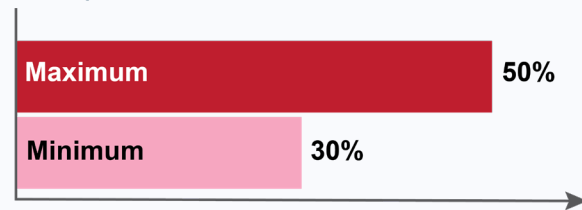
C O N S I L I S
Innovation and Business Ecosystem Transformation

Necessity for improvement

Challenges

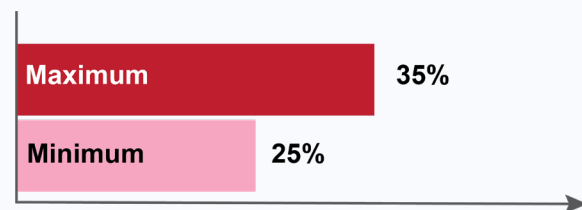
- Actual punctuality of train runs is unsatisfactory

Delays



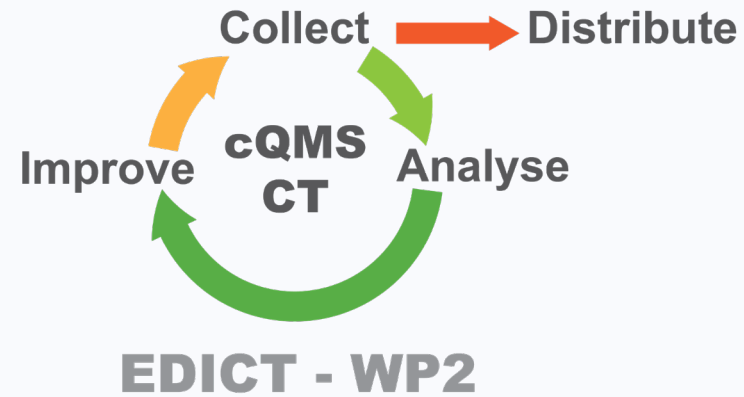
- Train cancellation rate is high

Cancellations



Delay and cancellation percentages are illustrative only

EDICT Solution

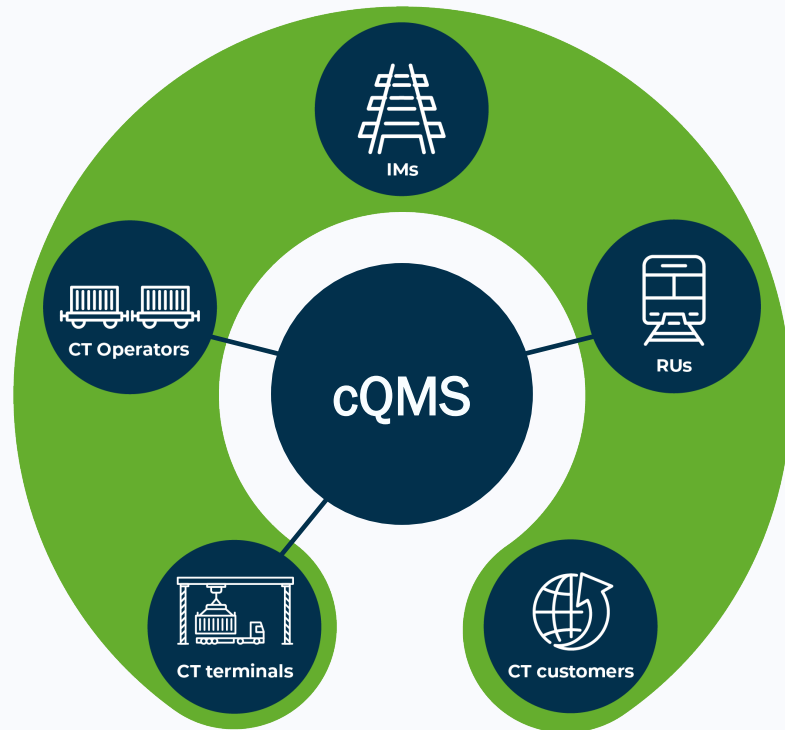


- Improvement of CT process efficiency and learning
- Increased standardisation
- Collaborative approach

Conceptual overview

Targeted solution

Collaborative quality management system (cQMS) to streamline processes & information processing



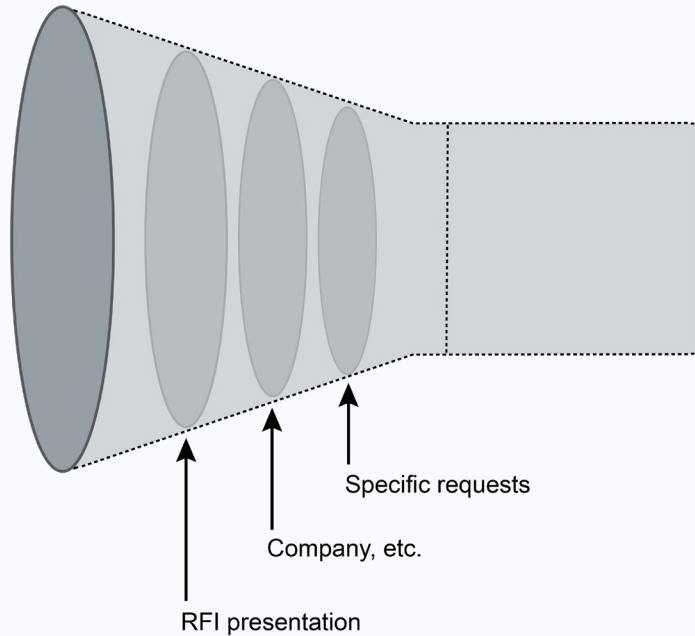
Benefits

- + Increased transparency on delays
- + Classify delay reason codes and reconciliation
- + Efficient and transparent reporting
- + Identify and trigger quality measures
- + Use of standardised reason codes & processes

cQMS selection process progress

RFI candidates

- Provider 1 ●
- Provider 2 ●
- Provider 3 ●
- Provider 4 ●
- Provider 5 ●
- Provider 6 ●



RFP candidates

- Provider 1
- Provider 2
- Provider 4
- Provider 5

Request for Proposal (RFP)
for
Collaborative QMS Services for EDICT partners

Business Requirements Specification
for
Collaborative cQMS Services for EDICT partners

Version: 1.0
Author: USBR
Date: April 2023

Revision number	Rev
0.1	20
0.5	22
1.0	25

Change Log

Revision number	Release Date	Updated by	Remarks/Comments
0.1	15 March 2023	Dr. Roland Klöber	Initial structure draft
0.5	21 March 2023	Dr. Roland Klöber	Final detailed version
0.8	22 March 2023	Eric Ergon	Review
0.9	23 March 2023	Dr. Roland Klöber	Updated version shared with EDICT partners for feedback until 28.03.23
0.7	13 April 2023	Dr. Roland Klöber	Complete RFP draft version to EDICT partners incl. missing sections of version 0.5
0.8	20 April 2023	Dr. Roland Klöber	Final amendments for review meeting with EDICT WP7 partners
1.0	25 April 2023	Dr. Roland Klöber	Final version used by cQMS providers

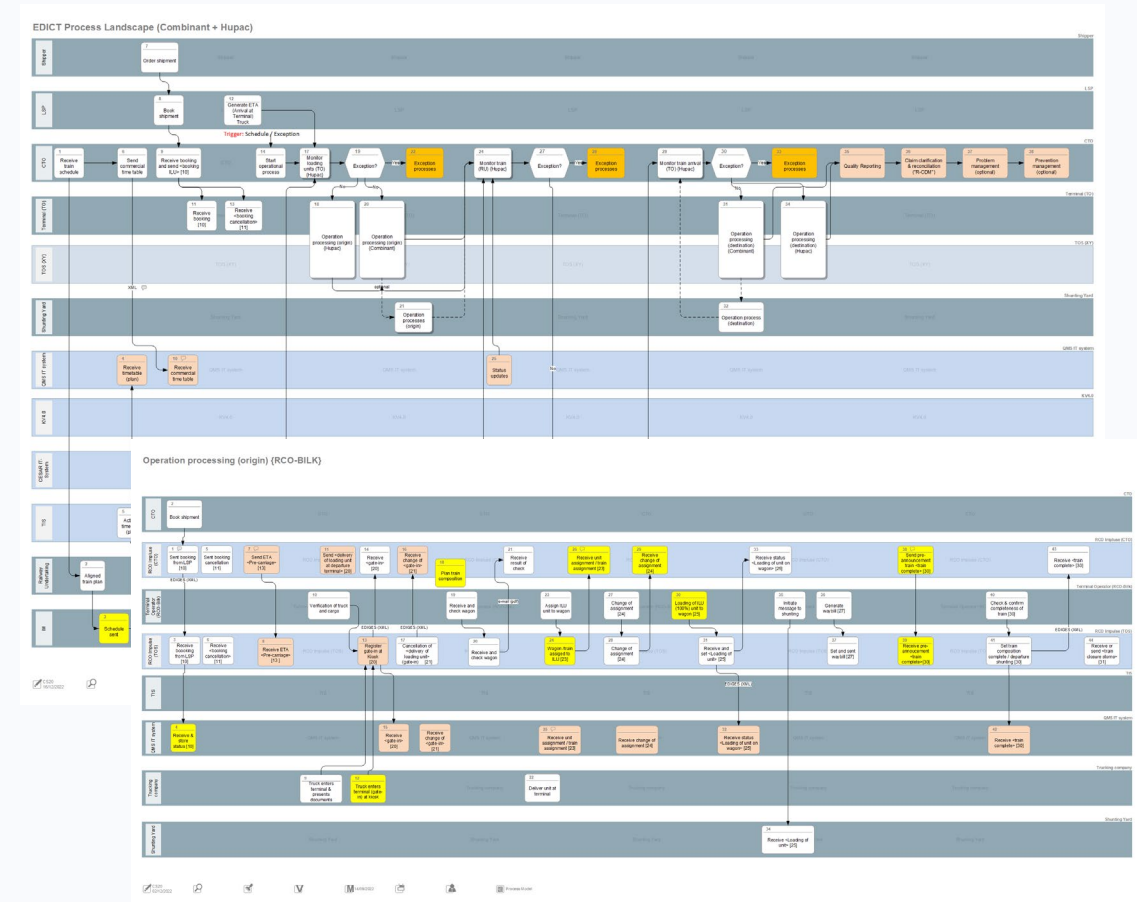
Item	Item	Item	Item	Item
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006	007	008	009	010
011	012	013	014	015
016	017	018	019	020
021	022	023	024	025
026	027	028	029	030
031	032	033	034	035
036	037	038	039	040
041	042	043	044	045
046	047	048	049	050
051	052	053	054	055
056	057	058	059	060
061	062	063	064	065
066	067	068	069	070
071	072	073	074	075
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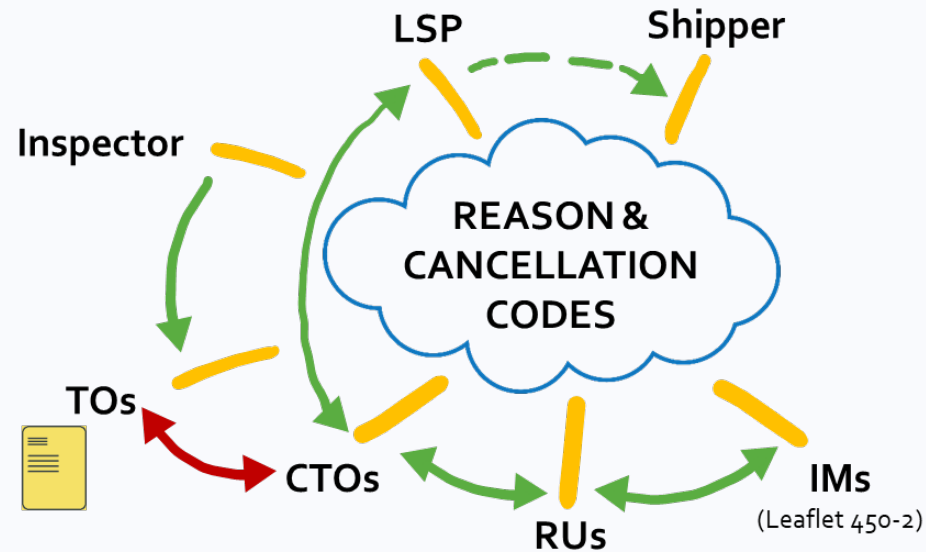
cQMS process coverage

1. Data collection
(CTOs, TOs, RUs, RNE TIS, DXI KV4.0)
 2. Punctuality and delay monitoring
 3. Reason & cancellation code capturing
 4. Collaborative delay reconciliation process
 5. Output to CT stakeholder IT systems
 6. Analysis of behaviour and causes
 - i. Reporting (ad-hoc and regular)
 - ii. Dashboard
- ↓
7. Decide & monitor improvement measures
 8. Evaluate and improve cQMS

Stocktaking at CTOs, TOs and IT service providers:



WP2 reason code subgroups status



- 8 meetings to align different stakeholder's perspectives
- Results:
 - i) first proposal of harmonised reason codes
 - ii) two-level reason code list as requirement of cQMS RFP

Next steps:

- Reason codes proposal to be shared with WP 1
- Alignment with a wider group of stakeholders

List of Reason & Cancellation Codes - Proposal

Description	Top Category	Subcategory	Codes	Train level	Wagon level	Unit level
Terminal related						
Missing or wrong documents after HLR time			A09	x		x
		DG docs	A0901	x		x
		Customs docs	A0902	x		x
		Waybill	A0903	x		
		Waste docs	A0904	x		x
Non-technical unit issues			A10	x		x
		Missing, damaged or wrong DG labels	A1001	x		x
		Missing or wrong seals	A1002	x		x
		Container not available	A1003	x		x
		Container not released	A1004	x		x
		Container unknown	A1005	x		x
		Container already in use	A1006	x		x

Next steps

1. Selection of cQMS solution provider (May 2023)
2. Implementation (June – August 2023)
3. Test phase (August – October 2023)
4. Pilot (November 2023 – April 2024)
5. Assessment (May – June 2024)
6. Roll-out (after July 2024)

...building EDICT's contribution to “shift-to-rail”



CESAR NEXT: the open tracking and tracing application for Combined Transport

Aldo Croci
CIS
Chairman





KV4.0: the data hub for Combined Transport based on EDIGES

Aldo Puglisi
DXI
Managing Director





DIGITAL
TRANSFORMATION

Conclusions

Meetup Cocktail



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Thank you for
your
participation



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