

8TH INTERNATIONAL  
PHYSICAL  
INTERNET  
CONFERENCE

## ECLIC Use Case    Physical Internet

Secure, neutral, interoperable digital collaborations within Chemical Logistics

**Peter Devos**



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# ECLIC Use Case: What?

WHAT



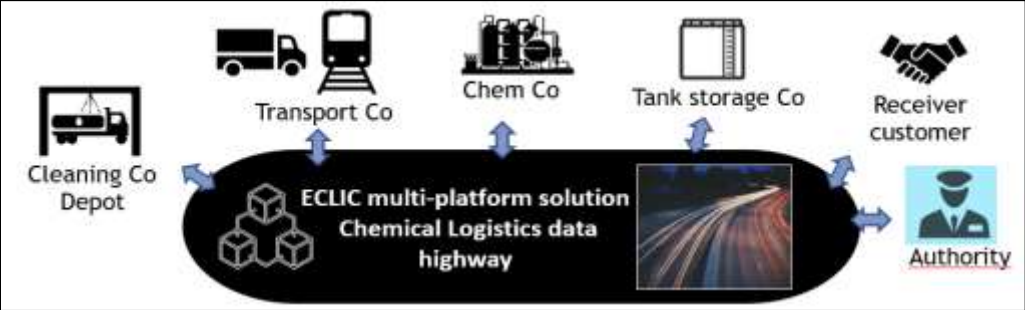
VALUE



WHO



# ECLIC vzw Digital Vision 2025



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The Responsible Care logo features a green icon of two hands holding three green circles. Below the icon, the text "Responsible Care®" is written in a bold, green sans-serif font, followed by the tagline "OUR COMMITMENT TO SUSTAINABILITY" in a smaller, green sans-serif font.

> 4 Millions  
documents/year

**EFTCO®** European Cleaning Document®  
www.eftco.org BE Unique Numbering Logo national organisation

# ECD

1. Customer reference number\* / national language

2. Customer / national language

3. Serial number / national language

4. Identification numbers / national language

5. Vehicle / national language

6. Tank, Container / national language

7. New load\* / national language

8. Previous load / national language

9. Name / national language

10. Cleaning Procedures / national language

11. Descriptions\* / national language

12. Name change\* / national language

13. Time Out\* / national language

14. Cleaning Station / national language

15. Driver\* / national language

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**ECLIC Supply Chain Community - > 50 eECD subscribed companies 2021**

**Chemical Companies**

- BASF
- EVONIK
- INEOS
- COVESTY
- SUMITOMO CHEMICAL
- LANXESS
- lyondellbasell

**Transport & Logistics Companies**

- KLIEB KUMENZ
- HOYER
- nagels
- adpo
- SCHROEDER
- GCA
- Lanfer Transporte
- VERVAEKE
- HUKTRA
- RINNEN
- DEN HARTOGH
- HABEAERTS INTERNATIONAL
- Gruber
- Vopak
- GARTNER
- QREX
- VTG
- STAR
- DE BECKERS - VAN RIJCK

**Cleaning Companies**

- cotac
- HTC INNOVATION
- adpo
- GCA
- HEMPT
- IRT
- WILHELM CONSUMPTION SERVICES B.V.
- RINNEN
- VAN MOER
- DC
- Contiack
- DINGES
- Köppen
- TCS LUMMAF B&B
- Gruber
- Tank Cleaning
- PS TRUCK WASH
- Ernst
- MYT
- PS TRUCK WASH
- Ernst

**Eclic**  
European Chemical Logistics Information Community

Update April 2021

ECTA, aspenet, cefic, EFTCO

**EFTCO CLEANING DOCUMENT: EECD 0000 0000 0708**

# eECD

CleanCo1 NV  
Cleanco 1 - Antwerp  
Langendendaan 1  
Antwerp  
Belgium  
+32 35685601  
www.cleanco1.be

CUSTOMER REFERENCE  
1

CUSTOMER  
Bertschi AG  
Helmetschstrasse 22  
Dürenbach  
CH

NATURE OF PRODUCT  
CHEMICAL

PREVIOUS LOAD

NAME

CO MP

1 C10PS2

2 C10PS2

3 C10PS2

ADDITIONAL SERVICES

CO MP

1 hoses

2 hoses

3 hoses

NAME CLEANER  
Nando

CLEANING STATION

Name  
Signature

DATES  
Date Time In: 29-07-2019 08:30  
Date Time Out: 23-09-2019 11:12

DRIVER  
Name  
Signature

**data streams**

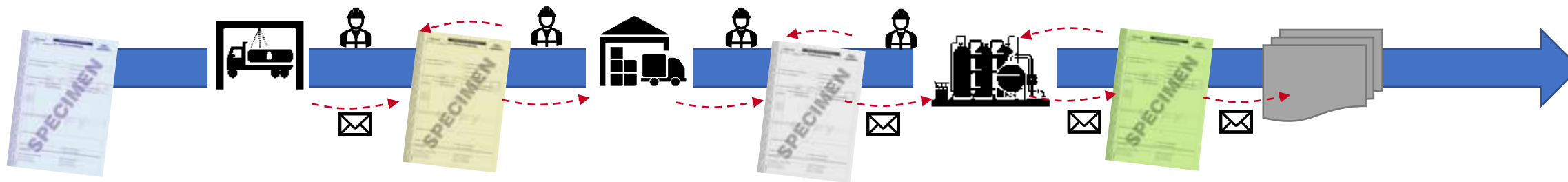
**Digital**

Standard EFTCO  
form

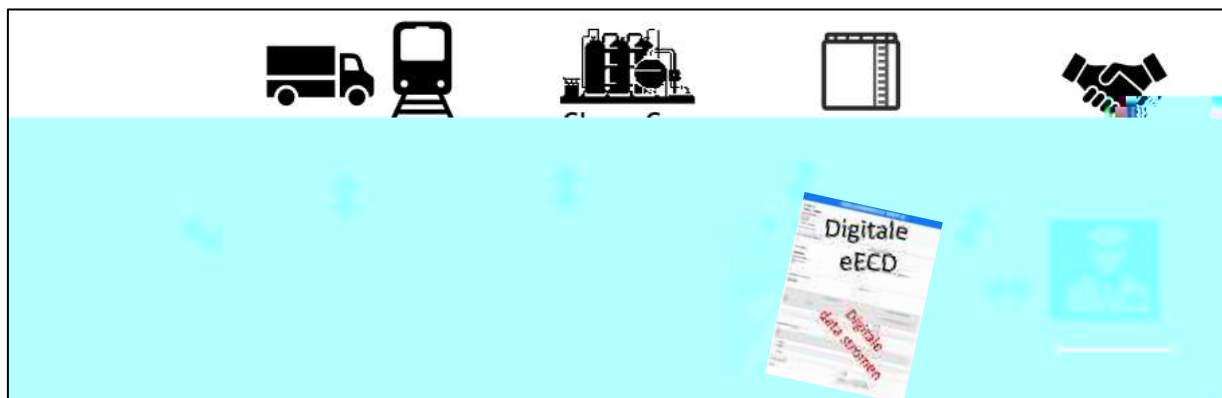


# eECD Use Case : “from Paper to Digital Collaboration”

**PAST –Tank cleaning paper flow – Paper is the norm - reactive, disconnected, pushed, linear**

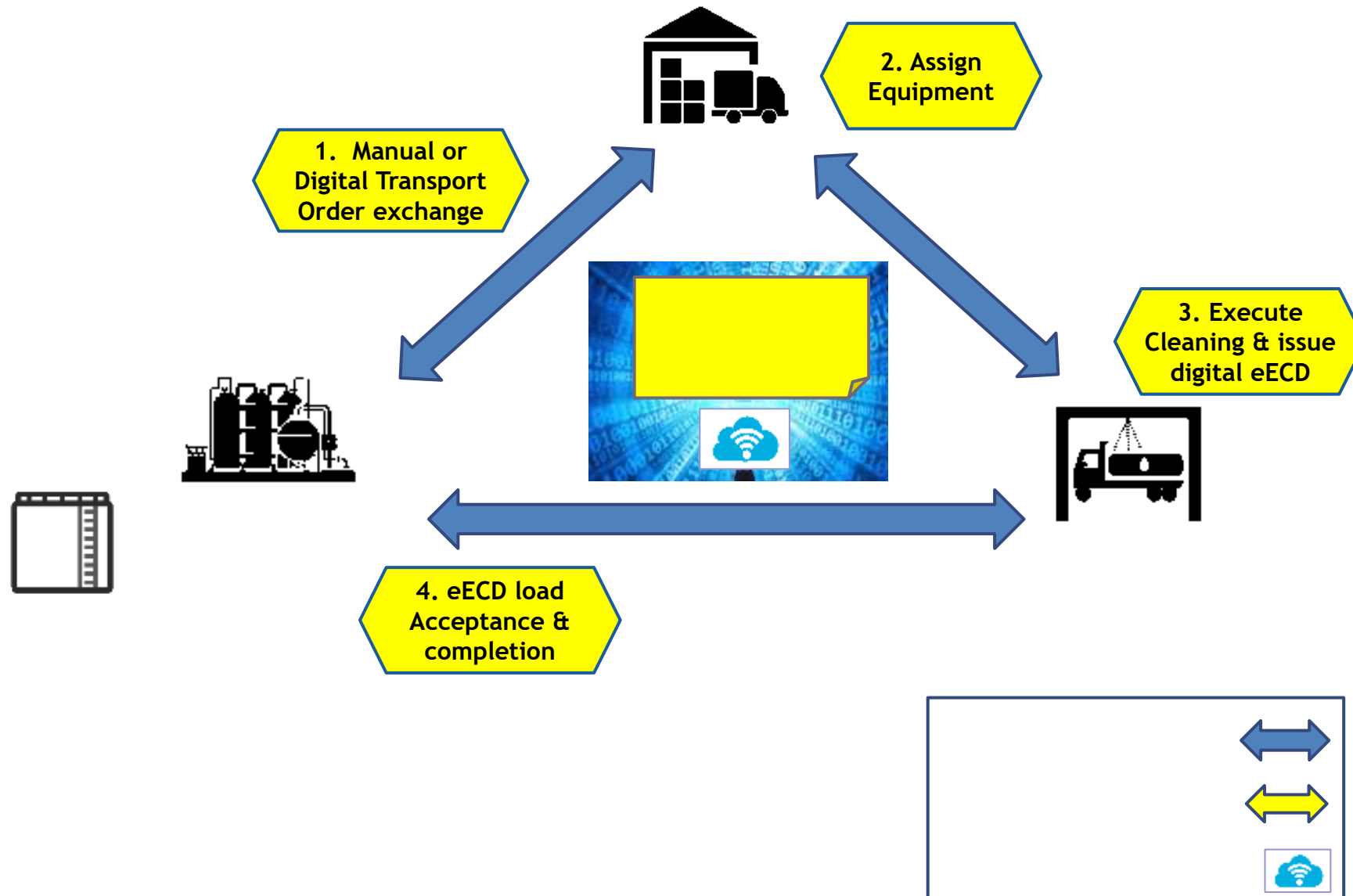


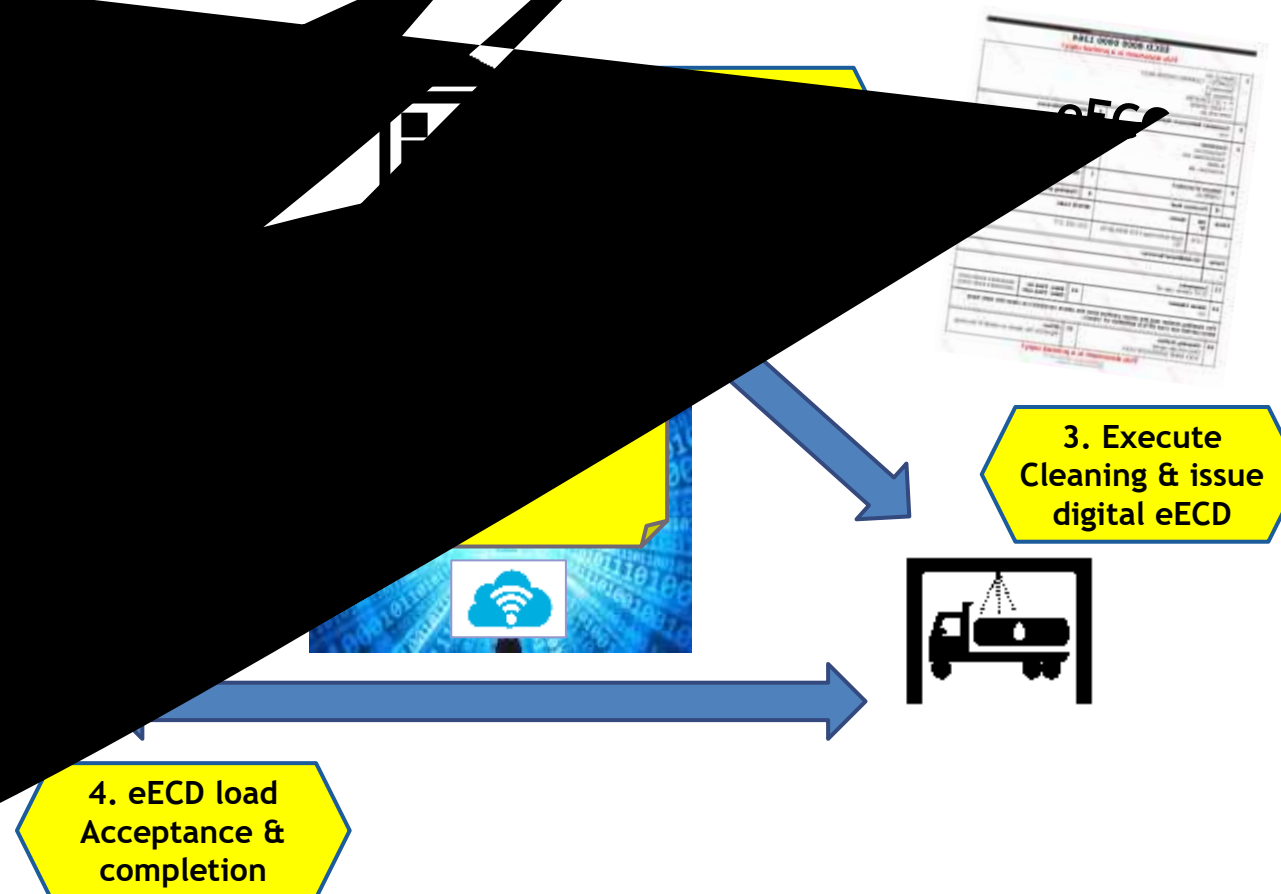
**TO-BE – Digital data sharing with control of own data & usage**



**ECLIC neutral collaboration framework**



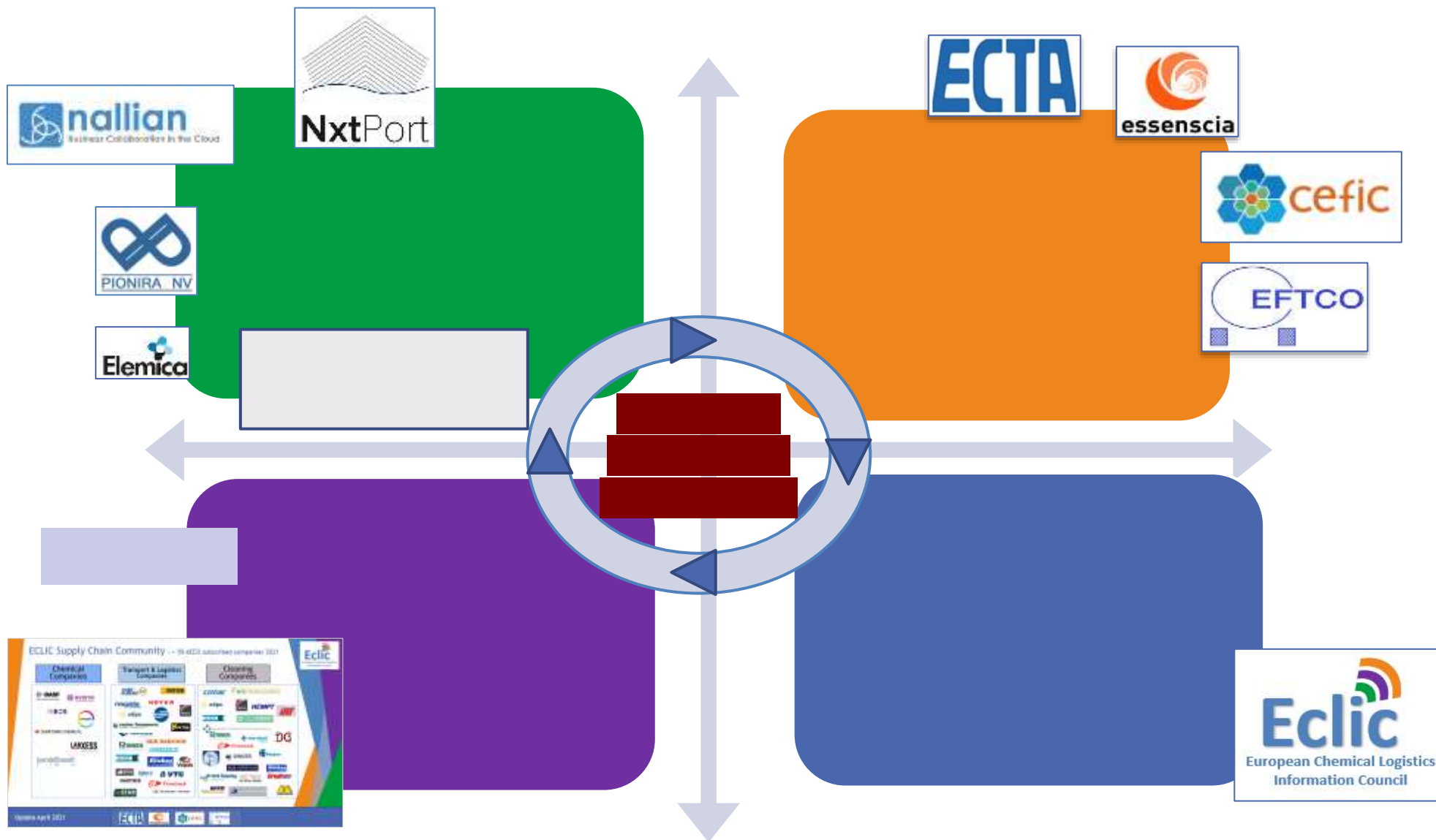


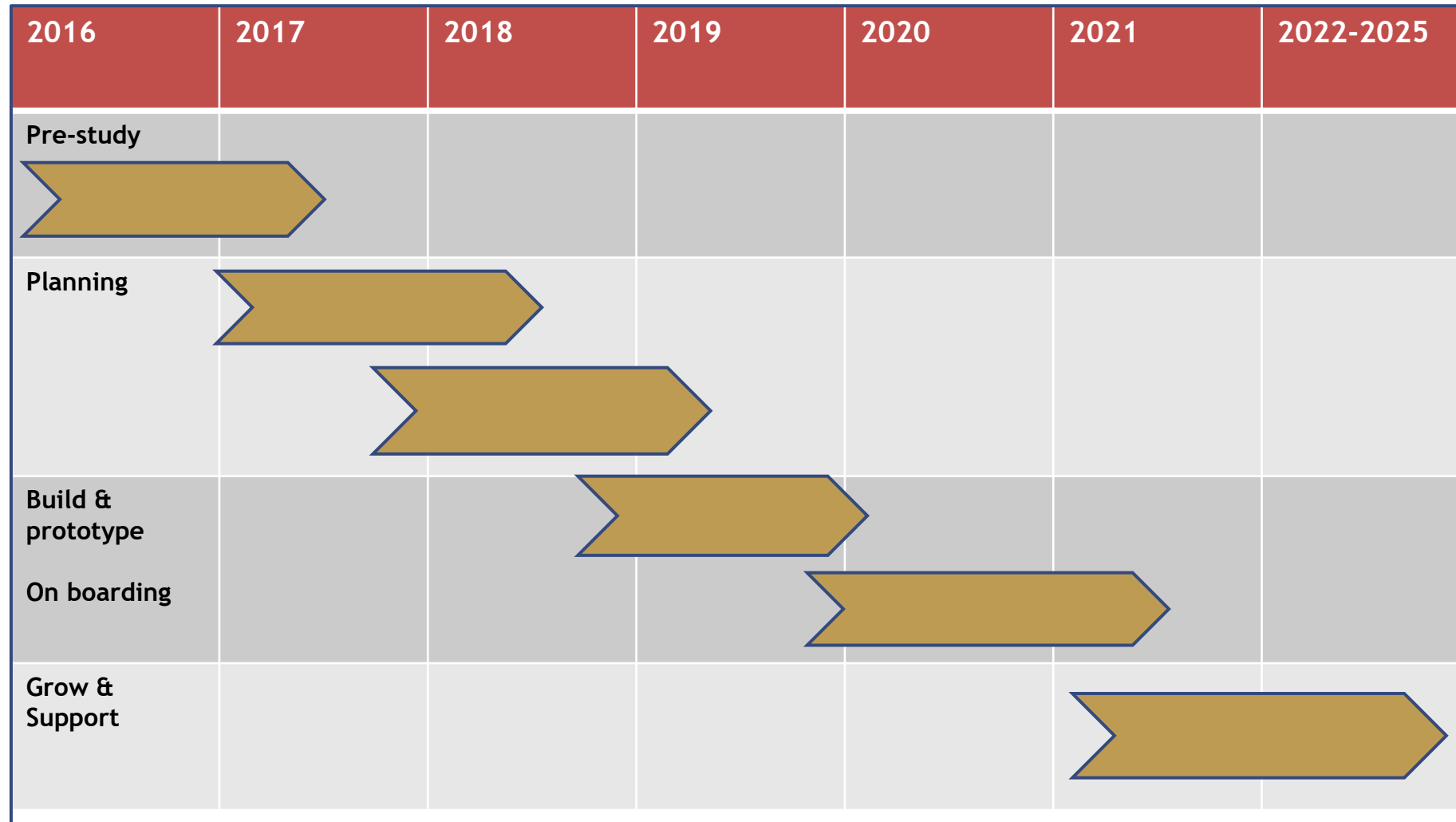


# Operational Logistics Benefits

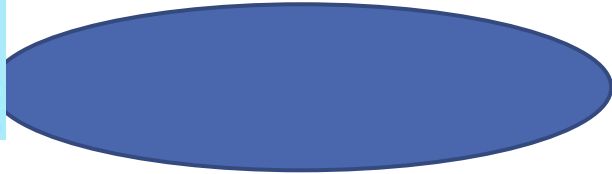








# ECLIC Roadmap 2025



**ECLIC 2025**  
Federated chemical logistics platform & APP's  
*New company Use Cases*

**ECLIC 2022 – 2024 Proof of Concepts**

*eETA visibility - eCMR- eEQUIP– eECD food –feed - Decarbonization*

**ECLIC eECD, eECO, ePPL, eEQUIP Use Cases 2019-2021**

