

# Electronic EFTCO Cleaning Document e-ECD

*Industry moving towards the electronical version of the EFTCO Cleaning Document*



Peter Devos, ECLIC Managing Director  
Brussels April 4, 2019

# What is an eECD?

ECD = "EFTCO Cleaning Document"

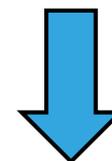
- ✓ is a support document for every single tank cleaning that contains data from different parties



Unloading  
Product



3.000.000 ECD paper docs  
per year X 4-fold



Loading  
Product

Chemical  
Customer

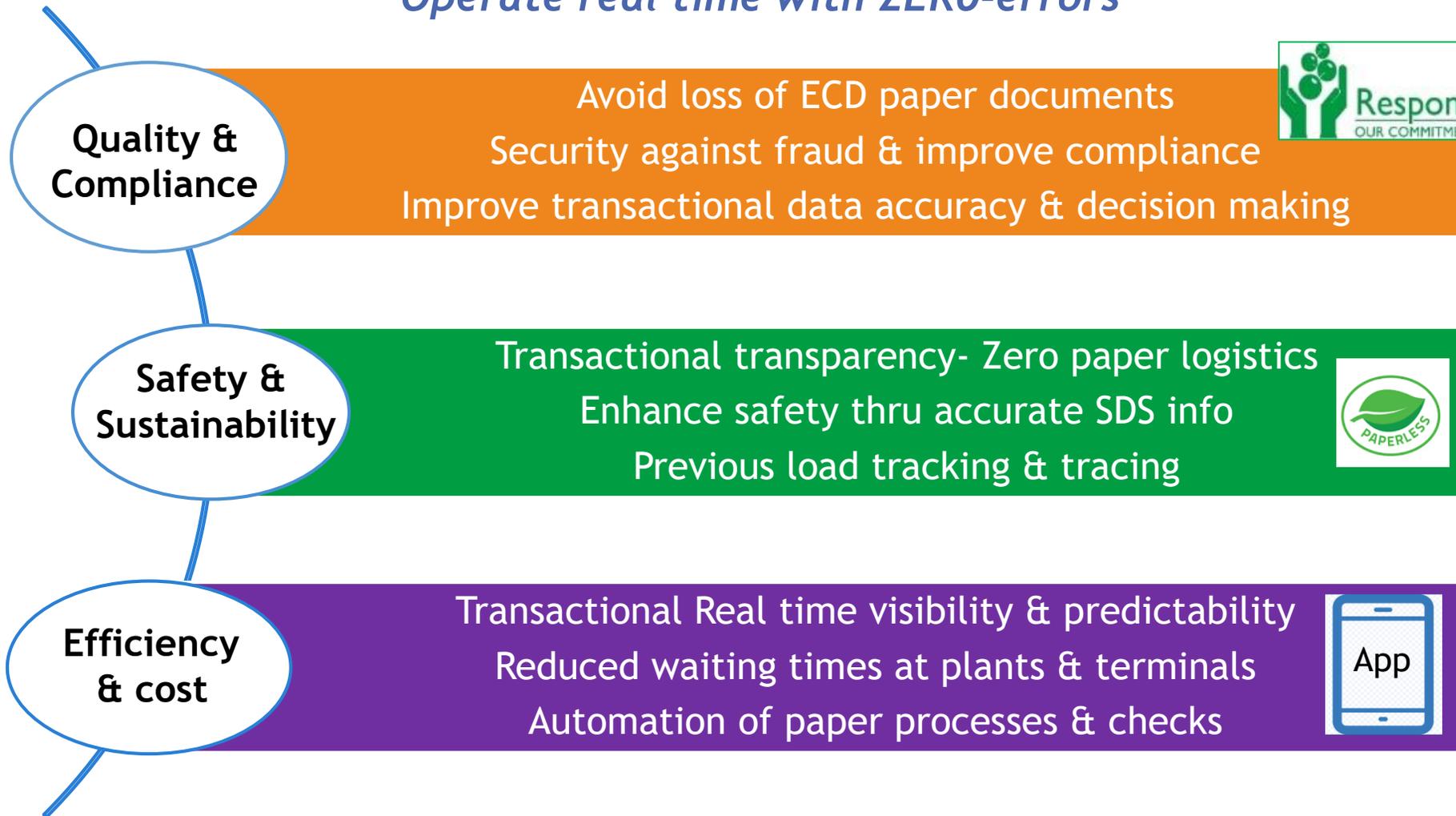


Transport Company

Chemical  
Company

# eECD value drivers

*Operate real time with ZERO-errors*



# EU zero paper : e-Freight Document vision

## E-DOCUMENTATION FOR TRANSPORT

### TODAY



THE TOTAL TIME SPENT PROCESSING  
FREIGHT TRANSPORT INFORMATION  
IS ESTIMATED TODAY AT ALMOST  
390 million hours / year

### IN THE FUTURE



THE DIGITAL EXCHANGE OF FREIGHT  
TRANSPORT INFORMATION WILL SAVE  
THE BUSINESS SECTOR AROUND  
75-102 million hours / year

# The eECD project, an industry association initiative, backed by its members

## Chemical Companies



## Transport & Logistics Companies



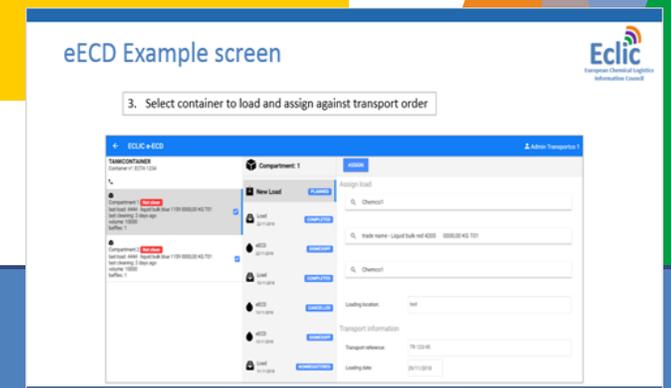
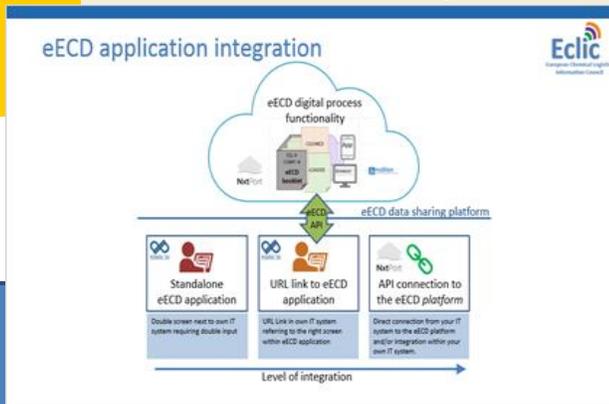
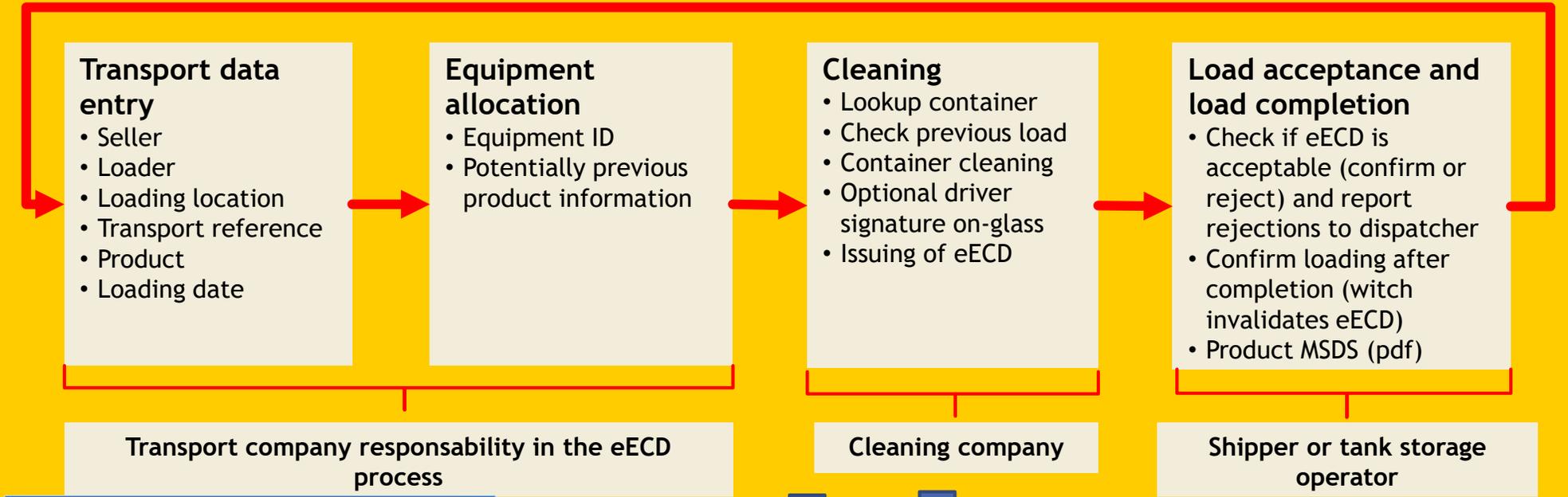
## Cleaning Associations



eECD is a first multi-company, cross-functional, transactional supply chain collaboration platform

# How does eECD process work? Each role provides information relevant for the process

## eECD process steps





# The Journey - What was accomplished so far?



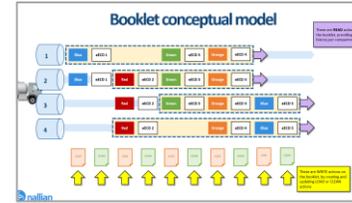
eECD  
Project charter  
2016



eECD funding  
Dec '17



ECLIC entity  
Not-for-Profit  
Mar '18



MVP Alfa version  
Jul '18



eECD Go live  
Nov '18



eECD platform  
selection  
mid '17



eECD kickoff  
eECD process  
Jan '18



Vendor select  
April '18



Beta version  
Sep '18

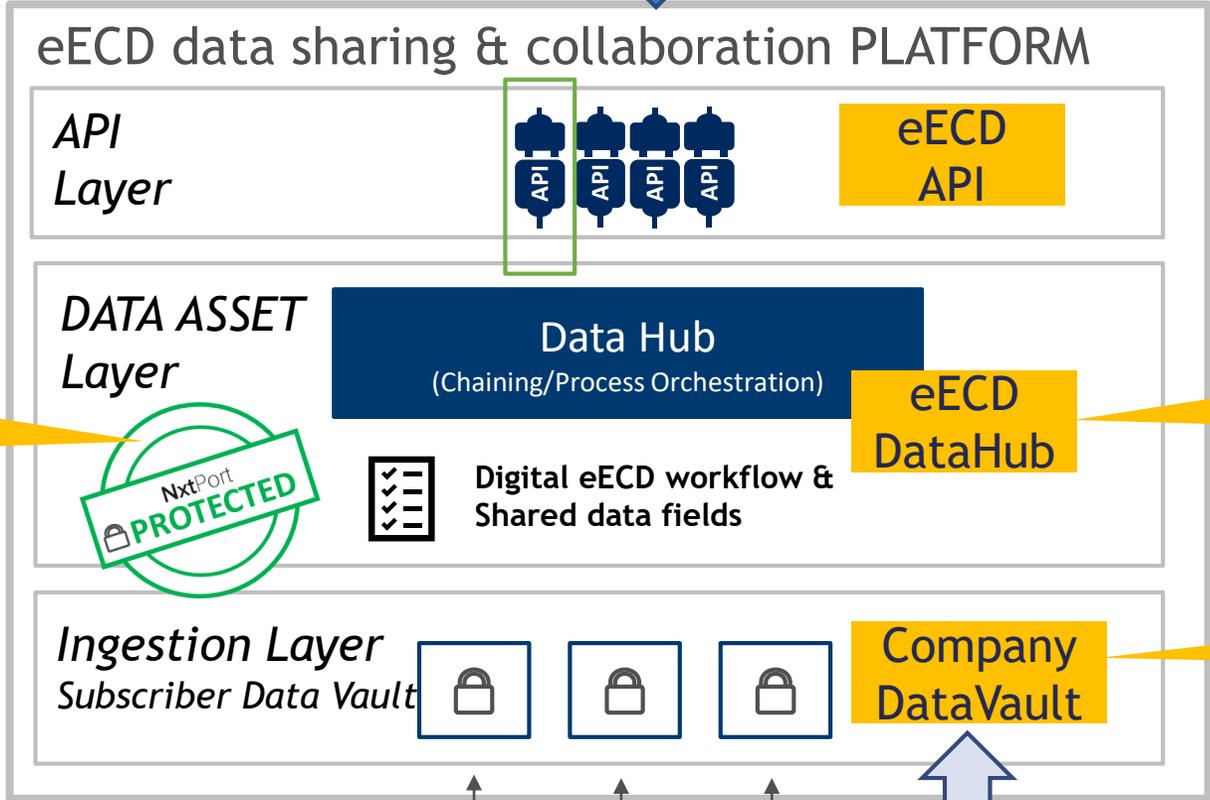
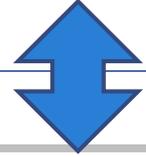


New eECD  
subscriptions  
2019



**Chemical Logistics  
collaboration platform**

- ✓ 360° eECD process visibility
- ✓ Integration into your own (ERP-TMS) systems
- ✓ Predictive process management
- ✓ Paperless



Network facilitation  
Neutral governance board  
Not for profit  
No data monetization  
Auditability  
Data & company compliance

Data are made available on a “need to know” basis and following agreed eECD process workflow rules

Your company data  
Your ownership  
Your records

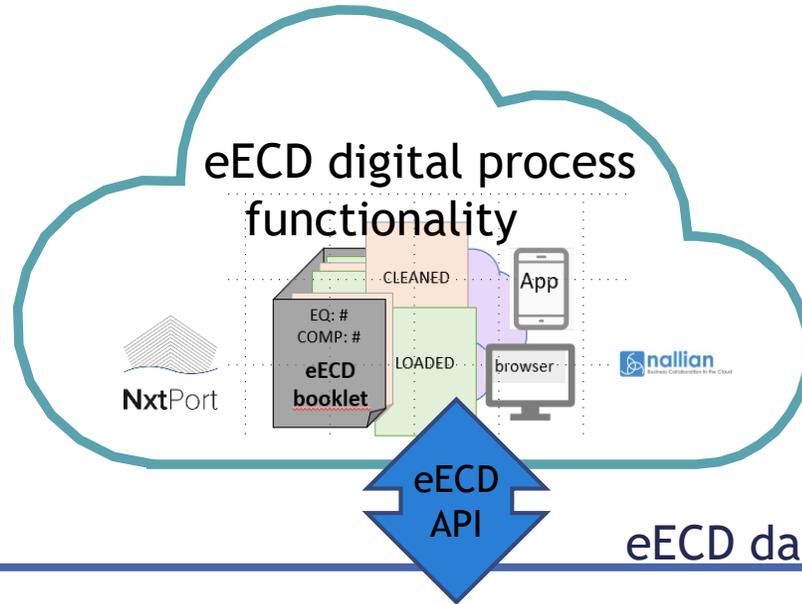
Data custodian role  
✓ Data security  
✓ Data quality  
✓ Data regulations

**Audit trail: which data, who, when**

Your company   Chemco   Your company   eECD Enabling DATA (eg trsp data)

# eECD Backend system integration options

*How to avoid double inputs?*



Each company decides how to integrate at their own level, speed, cost & interests

eECD data sharing platform



**Standalone GUI eECD application**

Double screen next to own IT system requiring double input



**Parametric URL to eECD**

Link in own IT system to right screen eECD application (might partially reduce double input)



**API connection to the eECD platform**

B2B Direct connection with your IT system to the eECD platform and/or integration within your own IT system.



**3<sup>rd</sup> party software suppliers**

Cleaning/TMS Integration or transport order info

Level of integration

# How to work as cleaning station with eECD application?

## Option 1 Web application



Double screen next to own  
IT system requiring double  
input

- ▶ Part of eECD licence
- ▶ Allows quick Start up
- ▶ API documentation

## Option 2 outsourced



- ▶ Check with your IT cleaning vendor
- ▶ LynX-Lucasoft + German software vendors contacted
- ▶ Costs with 3<sup>rd</sup> party vendor

## Option 3 API Integration



API connection to  
the eECD platform

B2B Direct connection with  
your IT system to the eECD  
platform and/or integration  
within your own IT system.

- ▶ Own IT integration & costs
- ▶ Central IT Support package available (800€/mday)
- ▶ Estimate: 1600€

# Digital eECD



**ECTA**

  
essencia

 cefic

  
EFTCO

# How to subscribe and get eECD connected?



Gather info incl  
eECD subscription form  
[www.eclic.eu](http://www.eclic.eu)

Create your  
eECD admin account

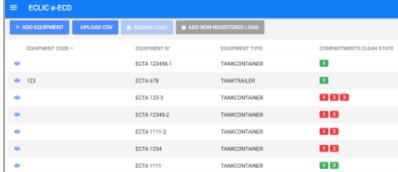
**Login for eECD**

Welcome back. Login to your account below.

Email address

Password

[Forgot your password?](#)



| EQUIPMENT CODE | EQUIPMENT ID  | EQUIPMENT TYPE | COMPARTMENTS CLEAN STATE |
|----------------|---------------|----------------|--------------------------|
| ECTA 123456-1  | ECTA 123456-1 | TANKCONTAINER  | 1                        |
| ECTA 678       | ECTA 678      | TANKTRAILER    | 1                        |
| ECTA 123-3     | ECTA 123-3    | TANKCONTAINER  | 1 1 1 1                  |
| ECTA 12345-2   | ECTA 12345-2  | TANKCONTAINER  | 1 1 1                    |
| ECTA 1111-2    | ECTA 1111-2   | TANKCONTAINER  | 1 1                      |
| ECTA 1234      | ECTA 1234     | TANKCONTAINER  | 1 1                      |
| ECTA 1111      | ECTA 1111     | TANKCONTAINER  | 1 1                      |

Configure & prepare  
your organization

3-6 weeks

Submit your eECD  
registration form  
*email: [info@eclic.eu](mailto:info@eclic.eu)*



Pay your invoice  
to activate licence

Work & Clean  
smart together



# What Does it costs? eECD tariff table: ECLIC board July 2, 2018

| eECD Tariff Table  | ECD pack size | START-UP FEE<br>(ECD licence + ECD pack 0,20) | Annual licence fee | price per ECD pack as of year 2,3,...n | connection cost |
|--|---------------|---|--------------------|--|-----------------|
| Company types & sizes  |               |   |                    |  |                 |
| Company size defined based upon annual # of paper ECD's per Year | sold per pack | YEAR1   | YEAR 2,3,...n      | 20 cents per eECD                      |                 |

| eECD Tariff Table (excl VAT)  | minimum ECD pack size (*3)               | START-UP FEE<br>(ECD licence + ECD pack 0,20) | Annual licence renewal fee (*4) | purchase price per eECD pack as of year 2,3,...n (*4) |              |
|---|--|---|---------------------------------|---|--------------|
| Company types & sizes (*1)  |  |   |                                 |   |              |
| Company size is defined based upon the annual # of paper ECD's handled per Year in year 1. (*2) | sold per pack<br>(20 eurocents per eECD) | YEAR1   | YEAR 2,3,...n                   | 20 cents per eECD                                     |              |
| <b>Cleaning Company - Cleaner</b>   |  |   |                                 |   |              |
| SMALL <=2500  | 1500                                     | 600   | 300                             | 300   |              |
| MEDIUM >2500 and <=15000  | 7500                                     | 1950  | 450                             | 1500  |              |
| LARGE >15000 <=30000  | 18000                                    | 4500  | 900                             | 3600  |              |
| XL >30000   | 35000                                    | 8200  | 1200                            | 7000  |              |
|   | XL >30000                                | 35000   | 16800                           | 9800  | 7000         |
| <b>Tank Storage Operator Co's</b>   |  |   |                                 |   |              |
| SMALL <=2500  | 1500                                     | 1200  | 900                             | 300   | web included |
| MEDIUM >2500 and <=15000  | 7500                                     | 3900  | 2400                            | 1500  | own cost     |
| LARGE >15000 <30000   | 18000                                    | 7200  | 3600                            | 3600  | own cost     |
| XL >30000   | 35000                                    | 11800   | 4800                            | 7000  | own cost     |

ECLIC might change tariffs. Future plan is to reduce tariffs over time however every company will anyhow start with the same (startup fee) tariffs to avoid waiting behaviour is rewarded.

## eECD Company Network list

update 1 Feb 2019

companies with an eECD licence

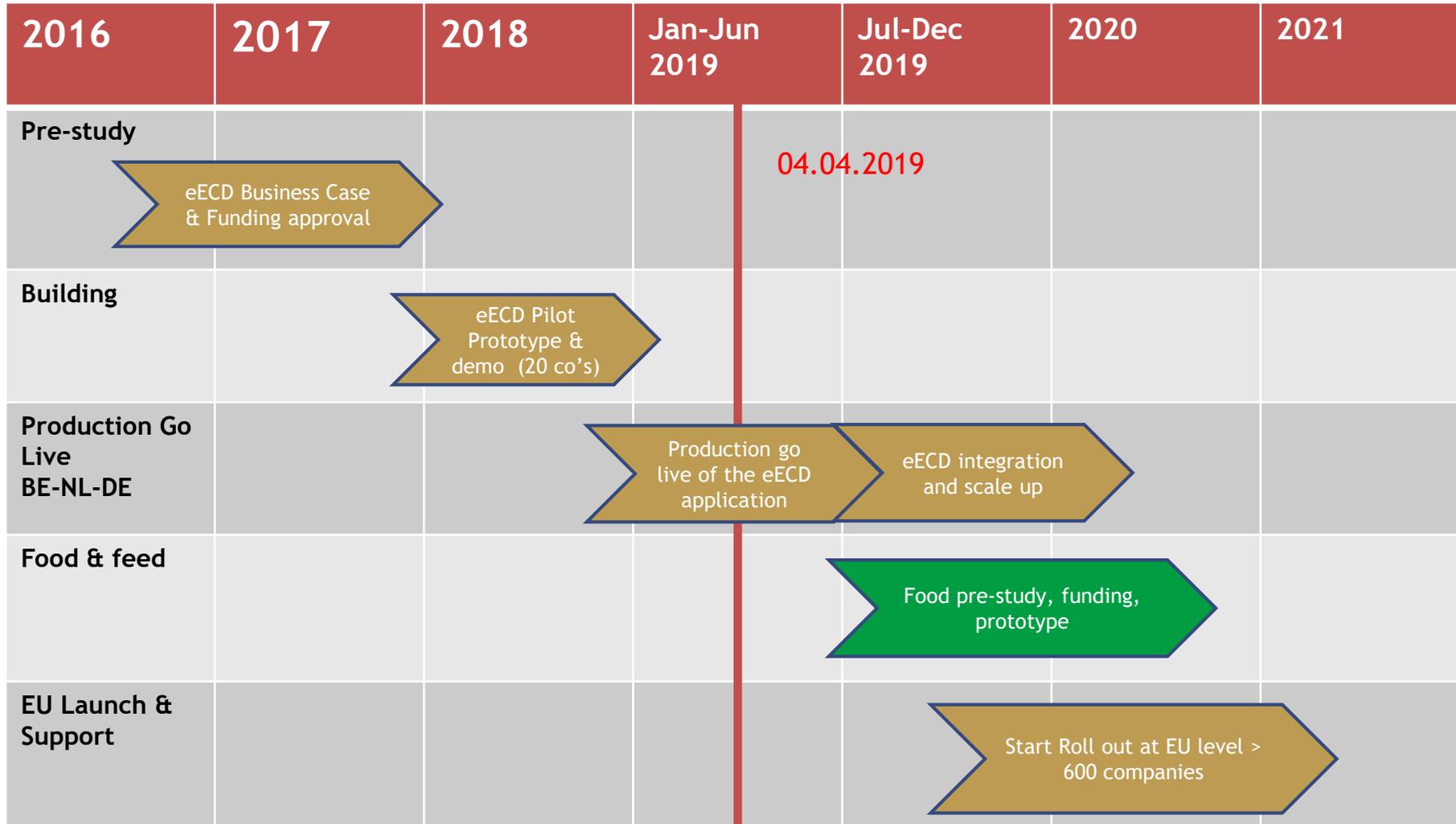


| Company Name                           | Licence Type                        | Country                | Location - City of active eECD licence                | Licence Holder      | Admin User          |
|--|-------------------------------------|------------------------|---|---------------------|---------------------|
| Covestro NV                            | Seller-Loader                       | Belgium                | Scheldelaan 420 – Haven 507 - 2040 Antwerp            | Lieven De Jonge     | Peggy Janssens      |
| Cotac Europe GmbH                      | Cleaner                             | Belgium<br>Netherlands | Transcontinentaalweg 10-12 - Haven 200 - 2030 Antwerp | Erwig Seliaerts     | Erwig Seliaerts     |
| Haesaerts Intermodal NV                | Equipment Operator                  | Belgium                | Keetberglaan - Haven 1054 - 2070 Zwijndrecht          | Luc Haesaerts       | Rudy Aerts          |
| Evonik NV                              | Seller-Loader<br>Equipment Operator | Belgium<br>Germany     | Tijsmanstunnel West 2040 Antwerp                      | Bart Witdouck       | Tim Mertens         |
| BASF SE                                | Seller-Loader                       | Belgium<br>Germany     | Ludwigshafen, Lemförde and Antwerpen                  | Benny De L'Arbre    | Bert Lamberechts    |
| Hoyer GmbH                             | Equipment Operator                  | Germany                | Wendenstrasse 414-424 - 20537 Hamburg                 | Leon de Graaff      | Robert Zwetsloot    |
| ADPO NV                                | EquipmentOperator<br>Loader         | Belgium                | Steenlandlaan 3, 9130 Kallo                           | Joris Goethals      | Joris Goethals      |
| ADPO NV                                | EquipmentOperator<br>Loader         | Belgium                | LLH (Liefkenshoek Logistic Hub), Geslecht, 9130 Kallo | Joris Goethals      | Joris Goethals      |
| HTC-Colombus NV                        | Cleaner                             | Belgium                | Scheldelaan - Haven 373 , 2030 Antwerpen              | Jochen Van Hoydonck | Jochen Van Hoydonck |
| HTC-Tankcleaning nv                    | Cleaner                             | Belgium                | Moerbroek 10, 2030 Antwerpen                          | Jochen Van Hoydonck | Jochen Van Hoydonck |
| HTC-Seneffe SA                         | Cleaner                             | Belgium                | Chaussee de Nivelles, 7170 Manage                     | Jochen Van Hoydonck | Jochen Van Hoydonck |
| Gentenaar Cleaning Moerdijk B.V. (GCA) | Cleaner                             | Netherlands            | Middenweg 26a, 4782 PM, Moerdijk                      | Peter Bouman        | Peter Bouman        |
| Van Moer Cleaning & Repair             | Cleaner                             | Belgium                | Vitshoekstraat 11 - haven 1054 - 2070 Zwijndrecht     | Peter Everaerts     | Peter Everaerts     |
| Bertschi AG                            | Equipment Operator                  | Switzerland            | Hutmattstrasse 22 CH-5724 Duerrennaesch               | Joerg Berner        | Joerg Berner        |
| Peter Hempt GmbH                       | Cleaner                             | Germany                | Langgewann 56 67547 Worms                             | Enrico Finelli      | Nils Rossman        |
| Kube & Kubenz GmbH & Co.KG             | Equipment Operator                  | Germany                | Nagelsweg 39, 20097 Hamburg                           | Michael Kubenz      | Martin Copray       |

# eECD Company subscriptions

*Connect to  
your partners  
in the growing  
eECD  
network....*

# eECD Path forward





# WORK SMARTER TOGETHER IN CHEMICAL LOGISTICS



“one Use Case at a time”

Gather info including  
eECD subscription form  
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Contact: [info@eclic.eu](mailto:info@eclic.eu)

