

Reduce your costs, increase sustainability & enhance your Responsible Care?

The enhanced eECD* 2.0 industry solution is ready to support you

It is time for a full digital transition with the eECD 2.0 hybrid solution, supported by **ECLIC** (European Chemical Logistics Information Council) as technology independent, open source and not-for-profit organization facilitating digitalization across the Chemical Industry.

The existing paper based *EFTCO Cleaning Document or ECD cleaning document with its 4 fold carbon paper copies and shared with > 4 million documents, is no longer future proof and a sustainable industry practice. This standardized paper ECD form originated in 2005 by the 3 industry associations Cefic, ECTA and EFTCO as best practice and has now being transformed into a digital chemical industry best practice solution.



Documento de lavado EFTCO electrónico
EECD 0000 0000 2692
Original eECD EFTCO - comprobar validez online mediante código QR y aceptar

1	Estación de lavado CleanCo1 NV test CleaningDan 100 Happy street 10090 Paris France P. 123 Website: www.url		2	Referencia del cliente	3	Ref. interna
4	Cliente TransportCo1 Transportaan 101 B-2000 Antwerpen Belgium		5	Nº de Identificación Vehículo tipo: TANKCONTAINER Cisterna Nº: HAL_DEC22		
6	Naturaleza del producto CHEMICAL		7	Próximo producto		
8	Último producto		9	Procedimiento de lavado		
Comp	UN Nº	Nombre	EFTCO Código			
1	1111	11111				
Comp	10 Prestaciones complementarias					
11 Observaciones: Este equipo ha sido re-lavado.						
12 Nombre del operario German Admin Cleanco1			13 Fecha, Hora de entrada: 22/12/2023 06:37 (UTC) Finalizado limpieza - Fecha, Hora de salida: 22/12/2023 06:38 (UTC)			
La estación de lavado y el conductor confirman que los servicios arriba indicados para lavar la cisterna han sido realizados (Ver la definición de EFTCO de 'limpio')						
14 Estación de lavado Firmado electrónicamente CLEANERBOSSDAN			15 Conductor Firmado por el operario en nombre del conductor			
16 eECD Compliance Score ★★★★☆ La siguiente información ha sido facilitada digitalmente por ECLIC:						
✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	

Original eECD EFTCO - comprobar validez online mediante código QR y aceptar
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ECLIC presents you the new eECD 2.0!

This eECD pdf print version **looks exactly the same as the existing ECD carbon copy paper version**, however the digital enabled version is completely dematerialized in data sets and takes **digitalization to the next level** which further allows each company to simplify and automate their internal workflows in real time. This workflow automation goes beyond the typical value of a paper document and its paper archive.

Furthermore, ECLIC takes care about the **“end to end” data governance** so that the eECD data sets being exchanged per actor are handled with **respect** and serve only the pre-agreed purpose avoiding that IT vendors are collecting and monetizing business data. Even non-commercial, commodity workflows might contain sensitive trade data and ECLIC takes care about data traceability and data control to build the **trust** amongst all actors.

The ECLIC eECD and ePPL electronic documents are available in **6 languages** (EN, GE,FR,NL,ES,IT).

ECLIC Community and its digital ecosystem

ECLIC is a “not for profit”, open source project industry initiative and together with 55+ companies consisting of **cleaners, carriers and shippers** have been **co-funding, and using** the industry standard eECD 1.0 prototype solution in a digital collaborative, closed loop process, since 2019. Meanwhile, ECLIC offers different standardized, commodity process digital solutions like eECD, ePPL, eEquip,... and eCMR is planned to be a next Use Case. For more info please check www.eclic.eu or [mail to info@eclic.eu](mailto:info@eclic.eu)

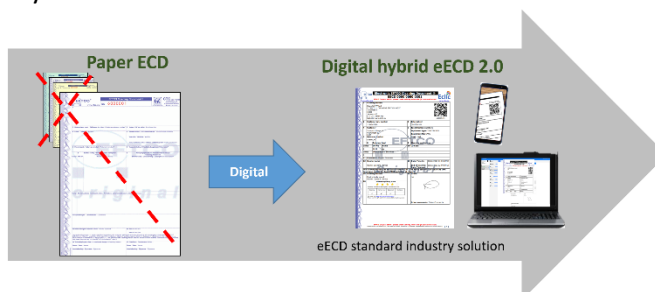
Benefits of digital eECD?

- **Reduced product cross contaminations** through the means of digital transparency.
- **Reduced equipment rejects** at loading sites, automated cleaning pre-checks
- **Reduced admin costs** through digital automation
- **Increased sustainability** by replacing paper ECD's with a digital eECD process
- **Enhanced Responsible Care** thru digital transparency and cleaning data accuracy

Why eECD 2.0?

Within the existing eECD 1.0 process, all actors need to agree to work digitally together in a real-time workflow and share data in a closed loop process from cleaning, planning to loading an equipment. This existing collaborative process has the drawback that one actor can block the other in case an actor is not ready or is not willing to make the digital transition yet.

With the new eECD 2.0 process, the problem of coexistence between paper and digital is solved by **creating a “hybrid” document** with a unique QR code on a valid EFTCO paper copy, each actor can decide to use the digital eECD 2.0 pdf paper copy or the fully standardized, integrated and automated digital solution.



While paper ECD's are still the norm today, this upgrade towards the new **eECD 2.0 hybrid solution allows a faster digital adoption and transition and strives for one uniform digital way of working across all actors in Europe.** Thanks to it's easy open source access, the eECD solution is made available to “community approved” IT vendors to integrate and offer the eECD solution. Besides, ECTA-EFTCO and Cefic-essencia is encouraging it's members to further prepare themselves to implement the digital eECD solution.

The ECLIC digital collaboration community (september 2024)

