

INDUSTRY EXPERIENCE: END-USER

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RESTRICTED



INTERNAL



SECRET



Constant follow up of regulatory framework

Engie Laborelec support to project developers and certified entities

More than **20 years** of following up the evolutions of the sustainability criteria for bioenergy, in Belgium then the EU

Including: REDII, REDIII, EUTR, EUDR, EU-ETS, etc.

Engie Laborelec biomass team active in **SBP** (Standard Committee members) since 2018

Involved in other certification schemes (ISCC EU, FSC, PEFC, CertifHy, etc.)

Team of 3 colleagues involved in regulatory activities, based in Linkebeek (**Belgium**)

Our **Biomass Regulatory activities** include:

- Following the existing and future legislative framework & communicating
- Building tools to support compliance journey of various projects
- Accompanying certification pathways of clients (internal Engie and external) – various type of profiles (biomass producers, traders and end-users)

GHG calculations (RED)



Communications and tools



Audit readiness and handbooks



Support to biomass end-users (CPCU)

Engie operated co-firing bioenergy CHP in Paris

<https://www.cpcu.fr/>



CPCU: biggest **district heating network** in France – city of Paris, since 1927

In 2024: total of 3,3 GWth installed → 7,5 millions tons steam produced

8 heat production sites + underground distribution network of >500 km to supply 1 million inhabitants



2023 - now: Laborelec supporting **certification of CPCU** against 2 different RED certification schemes (solid biomass & biofuels):

SBP (woody solid biomass) – majority of the biomass volumes consumed

ISCC EU (non woody solid biomass & biofuels)

Support in traceability and chain of custody, preparation of GHG calculator, preparation of audit requirements (handbook), internal auditing, trainings, etc.






**Laborelec**
16,364 followers
7mo • 

Happy to have contributed to the efficient work chain behind this important **CPCU - La Compagnie Parisienne de Chauffage Urbain** certification. Every success towards greener energy warms our hearts too.

Laborelec's specific input was preparing and supporting the REDII certification audits at CPCU; including writing a certification manual and training staff to use it. Bravo to **Yves RYCKMANS** and **Esther Bustillo Vazquez** for your exceptional work and the great result achieved.

Yves RYCKMANS Esther Bustillo Vazquez

**CPCU - La Compagnie Parisienne de Chauffage Urbain**
5,746 followers
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 Bercy, Grenelle et Saint-Ouen : les chaufferies de la **CPCU - La Compagnie Parisienne de Chauffage Urbain** certifiées SBP-REDII et ISCC-REDII !

Qu'est-ce que ça veut dire ? 🤔 La certification **#REDII** matérialise la reconnaissance officielle d'un usage de **#biomasse** et de **#biocombustibles** liquides pour la production de chaleur qui respectent des critères européens de **#durabilité** et de réduction des émissions de gaz à effets de serre, tout au long de leur cycle de vie (culture, transformation, transport et distribution, utilisation).

Comment est établie la certification ? 🤔 Les installations sont enregistrées dans un système dédié et font l'objet d'un audit de la part d'un organisme accrédité qui contrôle la bonne démonstration de la durabilité de la biomasse.

Pourquoi est-ce important ? 🤔 Ces certifications récompensent un formidable travail des équipes **#CPCU**, **ENGIE Global Energy Management & Sales**, **Laborelec** et des partenaires tout au long de la chaîne, qui se sont impliqués pour fournir une chaleur toujours plus durable et responsable à nos clients. Bravo !

#chaleur durable #Reseau de chaleur #energie renouvelable

Marek Gomolka Caroline Berardet **Jérôme CONTER** **Gérald GATTO** **Ismail Fersatoglu** **Nicolas Bertin** **Marc Thirion** **Cédric Briard** **Yohan Legall** **Emilie Ravaux** **Géraldine Brissiaud** **Olivier Turc**

Sustainability certification is crucial to combustion activities

The case of CPCU

RED certification for EU-ETS compliance

Sustainability
criteria



GHG emissions
savings criteria

Obligation for end-users biomass plants above 7,5 MWth (formally 20 MWth) to use RED-certified biomass for the Member State [to claim it as renewable](#)

Biomass complying with RED sustainability & GHG emissions savings requirements can be [zero-rated](#) in the EU-ETS

What is the justification of the zero-rating? Principle of carbon neutrality of biomass: if RED sustainability criteria are met, biomass is carbon neutral, ie. carbon contained in biomass is entirely compensated by the growth of the forest stand. Hence, carbon emissions from biomass combustion should not be taken into account in ETS system.

All other indirect emissions: taken into account in GHG emissions savings criteria (RED Article 29(10))

Accelerating the [decarbonisation](#) of combustion assets

- since the introduction of biomass in combustion (2016), [CPCU reduced its direct GHG emissions by 23%](#) (2023 vs. 2016)
- As from summer 2024, CPCU's former coal boilers working now on [100% on SBP-certified biomass](#)

Sustainability certification is crucial to combustion activities

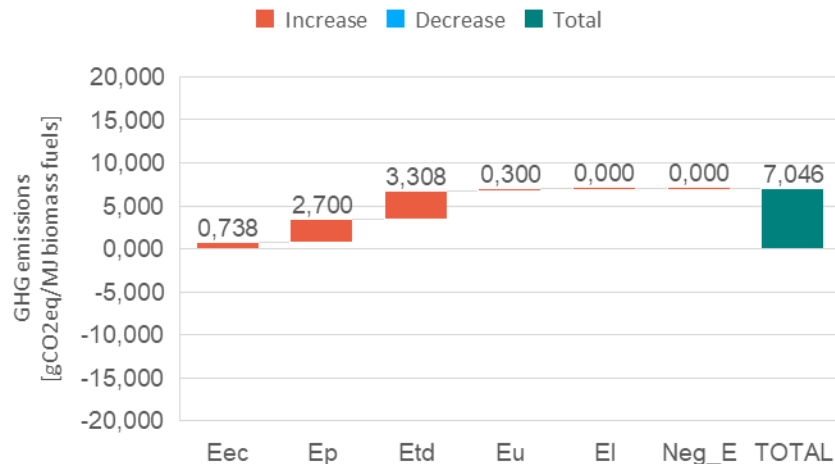
The case of CPCU

SBP for strong sustainability commitments

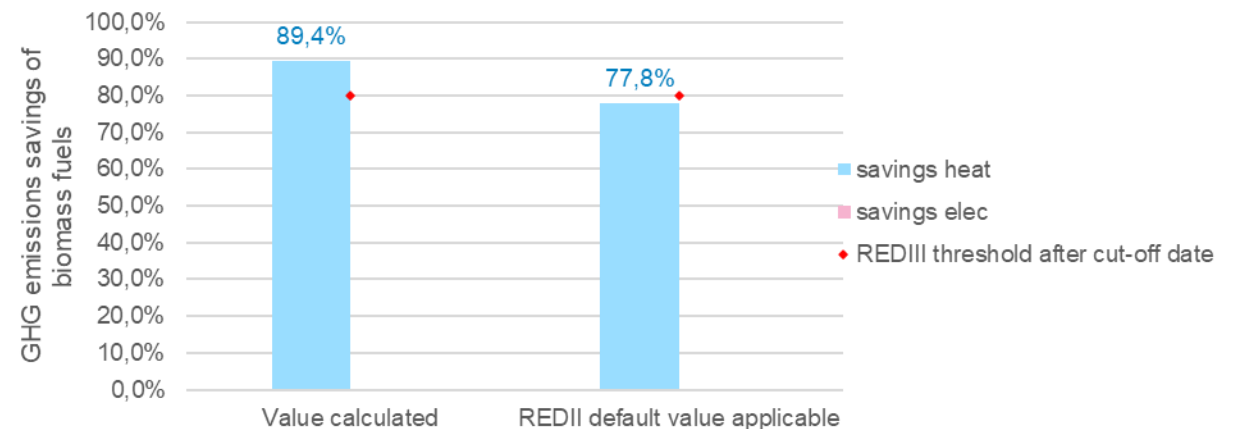
On top of ensuring RED compliance, being an SBP certified supply chain offers additional advantages, including

- SBP goes **beyond regulatory compliance**: stronger sustainability criteria than the ones in the RED – offering stronger biomass sustainability assurances to stakeholders (ex: City of Paris) and civil society, inhabitants
- full **transparency on the communication of data** for energy consumptions and emissions (Standard 5 and 6): communication of all energy consumption data from biomass producers to end-users, allowing to make detailed GHG emissions calculations (for RED or other regional reporting obligations)

GHG emission contributions - calculated values



GHG emissions savings and compliance with REDII-REDIII
(Note: savings needs to be above thresholds to be compliant)



Other Engie Laborelec services for biomass industry

Download our brochure!



[link](#)

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