



**MINISTÈRE  
CHARGÉ  
DES TRANSPORTS**

*Liberté  
Égalité  
Fraternité*



**DIRECTION  
GÉNÉRALE  
DE L'AVIATION  
CIVILE**

# ICAO EUR/NAT ENVIRONMENT TASK FORCE

**INITIATIVE SHARING : SAF REPORTING AND CLAIMING PRACTICALITIES**

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# 1- French endeavour for SAF

## Roadmap for the deployment of SAF in France published in January 2020

- **2%** in 2025 • **5%** in 2030 • **50%** in 2050
- 5 essential principles : safety / sustainability / economic viability / competitive supply chains / consistency with supranational initiatives

## Implementation via the extension of an existing tax instrument (so called “TIRUERT”)

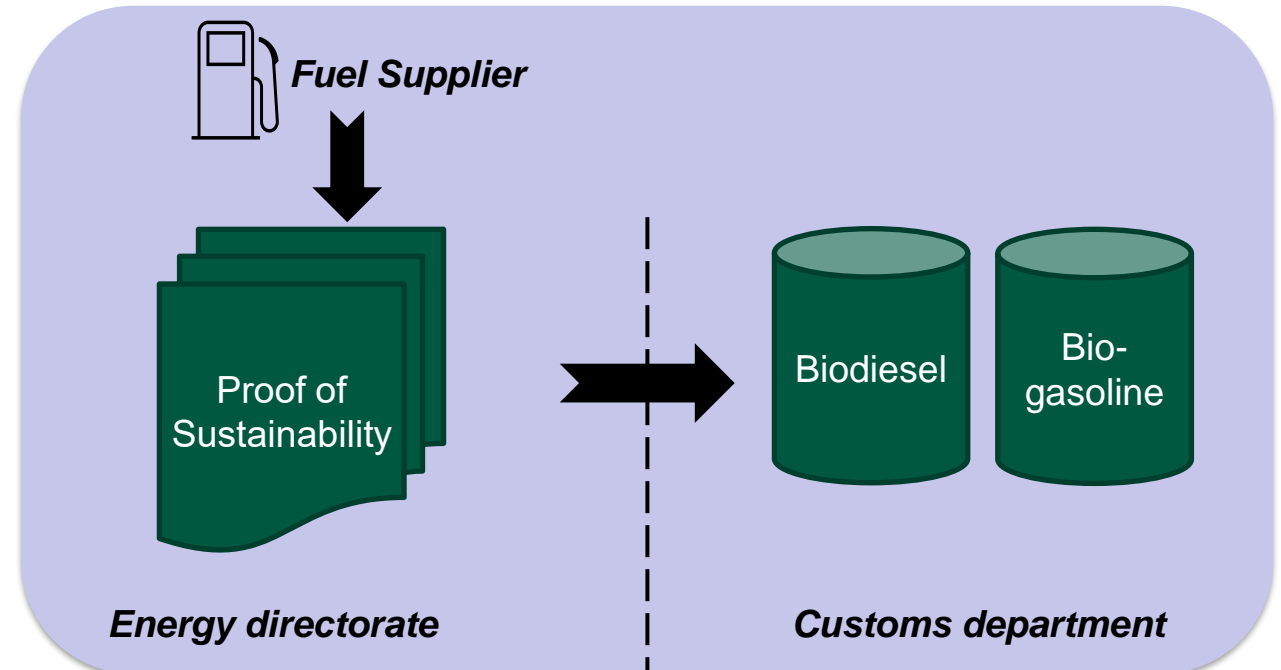
- Incentive mechanism to encourage the blending of biofuels with fossil fuels
- SAF blending mandate set at **1% since 2022** (in energy)
- SAF produced from particular feedstocks to be considered to be twice its energy content (in line with the EU RED II)
- To evolve over the coming years to match our SAF roadmap objectives
- Only for fuel suppliers

## 2- Details on the TIRUERT

A tool designed primarily for the road transport sector

### Principles

- **Separate annual objective** per type of fuel (non fungible)
- Set-up via the **budget law** & updated annually
- Two General Directorates involved :  
DGEC (energy) → sustainability criteria verification  
DGCCRF (customs) → blending mandate achievement verification
- **No** biofuel sustainability information **provided to end user**

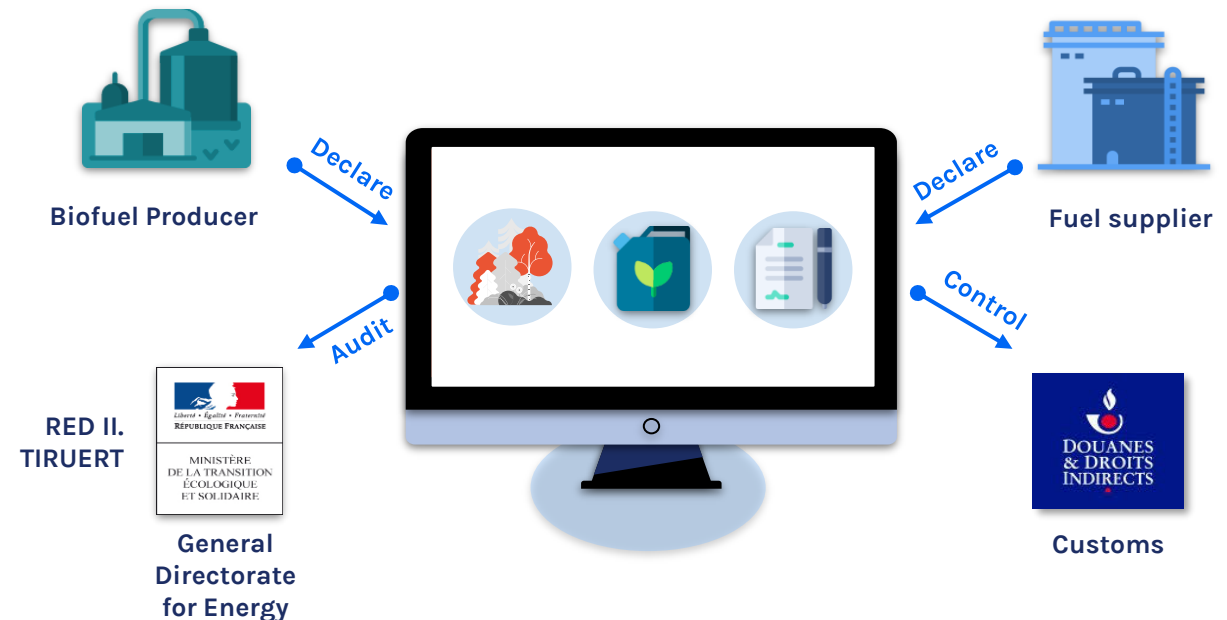


## 3- Details on CarbuRe

### The biofuel management platform developed by the French Ministry of Ecological Transition

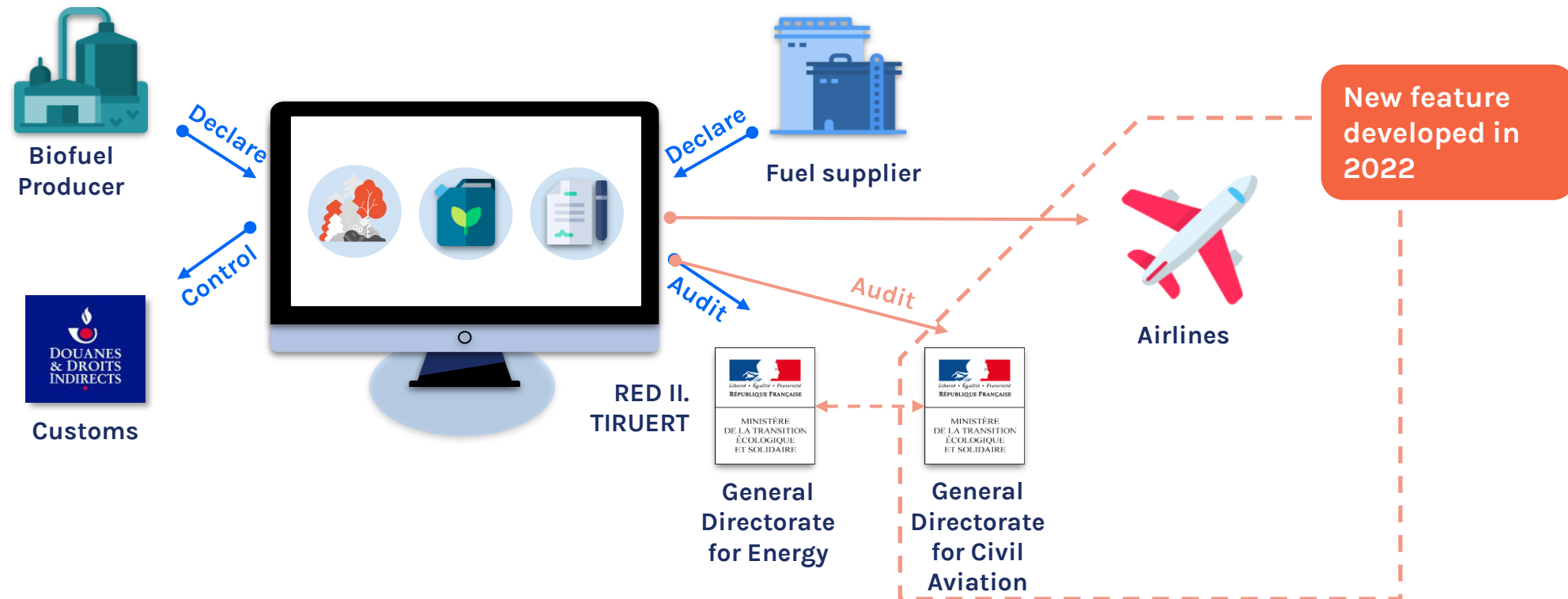
#### What is it ?

- To exchange information about the sustainability of biofuels circulating in France
  - Sustainability management simplification, including information sharing with clients
  - Digital archiving & simpler audits
  - Transparency with the administration
- To provide anonymous public statistics about biofuels blended with fossil fuels in France



## 4- Inclusion of the aviation sector

To ensure airlines can access sustainability information for SAF acquired



## 4- Inclusion of the aviation sector

### A 2-step process : SAF batch sustainability criteria declaration

- Done by the stakeholders from the fuel side
- To store information available in the related Proof of Sustainability
- Batch volume
- Monthly declaration
- Mandatory action for a SAF batch to be made available to a fuel supplier

Brouillon
**Détails du lot #152027 · Producteur Test MTES**
✕

Lot	Production	Livraison	Émissions	Réductions
N° document d'accompagnement *	Producteur	Fournisseur	EEC	ESCA
FR123456	Producteur Test MTES	Producteur Test MTES	4,6	0
Volume en litres (Ethanol à 20°, autres à 15°) *	Site de production	Certificat du fournisseur	EL	ECCS
34950	Usine Centrale	2BS030157	0	0
Biocarburant *	Certificat du site de production	Client	EP *	ECCR
EMHV		Opérateur Test MTES	17,4	0
Matière première *	Certificat double-comptage	Site de livraison	ETD *	EEE
Colza		Dépôt Pétrolier de Haute Savoie	2	0
Pays d'origine de la matière première *	Pays de production	Pays de livraison	EU	Réd. RED I
France	France	France	0	71,36%
Champ libre	Date de mise en service	Date de livraison *	Total	Réd. RED II
	01/08/2008	02/02/2022	24 gCO2e...	74,47%

⚠
**Remarques (1)**
⌵

💾 Sauvegarder
✓ Envoyer
✕ Supprimer
< Précédent
> Suivant
↩ Retour

## 4- Inclusion of the aviation sector

### A 2-step process : SAF batch sustainability criteria declaration

- Create SAF “tickets” with needed sustainable info embedded to be attributed to clients (airlines)
- Trace SAF volumes passed on to airlines & remaining ones over the year
- SAF sustainable information verified & shared with clients (airlines)

CarbuRe Transactions Aviation Statistiques Société Annuaire Français Operateur Test MTES

Carburant Durable d'Aviation - CDA 2022

3 Volumes disponibles 6 Tickets affectés

Clients Périodes Matières Premières

Disponible (3) Historique (1) Rechercher...

STATUT	VOLUMES DISPONIBLES	CLIENTS	LIVRAISON	MATIÈRE PREMIÈRE	RÉD. GES	LOT PARENT
Disponible	91160 L /122160 L	Compagnie Aérienne T...	2022-10	Huiles ou graisses anim... France	81%	#L202208-FR-6-939805
Disponible	135555 L /135555 L	-	2022-10	Huile alimentaire usagée France	86%	#L202208-FR-6-939806
				Huile alimentaire usagée	82%	#L202211-FR-10-939806

https://carbure-dev.incubateur.net/org/11/saf/2022/ticket-sources/available#ticket-compagnie Aérienne T 2022-11

## 4- Inclusion of the aviation sector

### A 2-step process : Airlines to manage sustainability information of SAF acquired

- Allow airlines to manage the SAF tickets provided by their fuel suppliers
- SAF sustainable information available in one location
- Third party access possible for data audit as per local regulation

CarbuRe Aviation Société Français Compagnie Aérienne Test

Carburant Durable d'Aviation - CDA 2022

2 Tickets en attente 5 Tickets acceptés

Fournisseur Périodes Matières Premières

Rechercher...

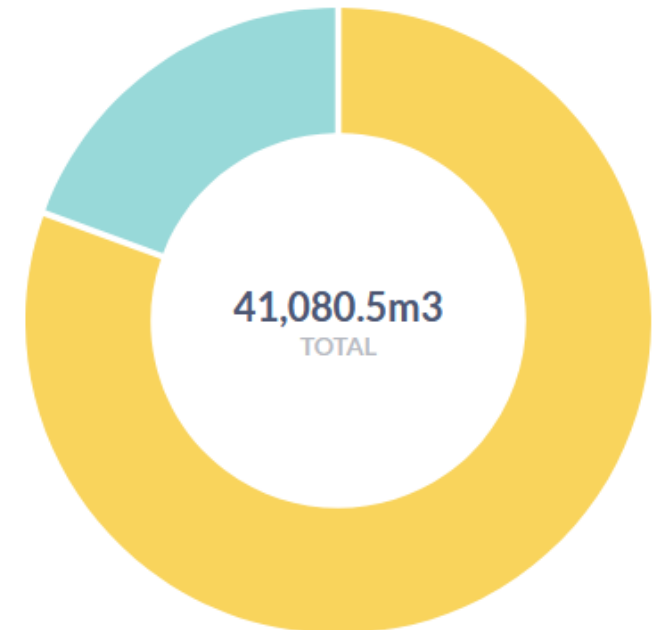
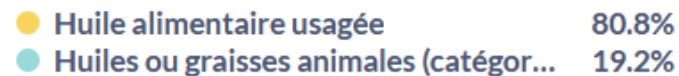
STATUT	FOURNISSEUR	VOLUME	PÉRIODE	MATIÈRE PREMIÈRE	RÉD. GES
En attente	Opérateur Test MTES	10 000 L	2022-11	Huiles ou graisses animales (... France	81%
En attente	Opérateur Test MTES	90 000 L	2022-12	Huiles ou graisses animales (... France	81%



## 4- Inclusion of the aviation sector

### 2022 feedback

- CarbuRe used by energy stakeholders in relation with the national SAF blending mandate :
  - SAF sustainability information declare within CarbuRe
  - SAF sustainability information shared with airlines by other means
- Aviation feature developed with inputs from various stakeholders (SAF producer / Fuel provider / Airline & Verifier, from an EU ETS approach)
- About 40 000 m3 of SAF blended in France :
  - 81% made of Used Cooking Oil
  - 19% made of Animal Fat (Categories I & II as per EU classification)



# Thank you for your attention

