

1. Gases de efeito estufa (GEE): Redução de pelo menos 10% no ciclo de vida

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2. Estoque de carbono: SAF não pode ser feito em terras desmatadas após 2008

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- 2. Estoque de carbono: SAF não pode ser feito em terras desmatadas após 2008
- 3. Permanência das reduções de GEE

- 4. Preservação da água
- 5. Preservação do solo

6. Preservação da qualidade do ar

7. Conservação da biodiversidade

8. Responsabilidade com lixo e uso de químicos

9. Evitar impactos sísmicos

- 10. Direitos humanos e do trabalho
- 11. Respeito ao uso e propriedade da terra

12. Direito de uso da água

13. Desenvolvimento local e social

14. Segurança alimentar











Rotas aprovadas

Processos de conversão (ASTM)



Co-processamento (3)

Entre 5% e 10%

Óleos, gorduras animais, UCO e outros hidrocarbonetos processados com petróleo





Total de rotas aprovadas no CORSIA

70

Soja (HEFA)

Carinata (HEFA)

Cana de Açúcar (ATJ-I)

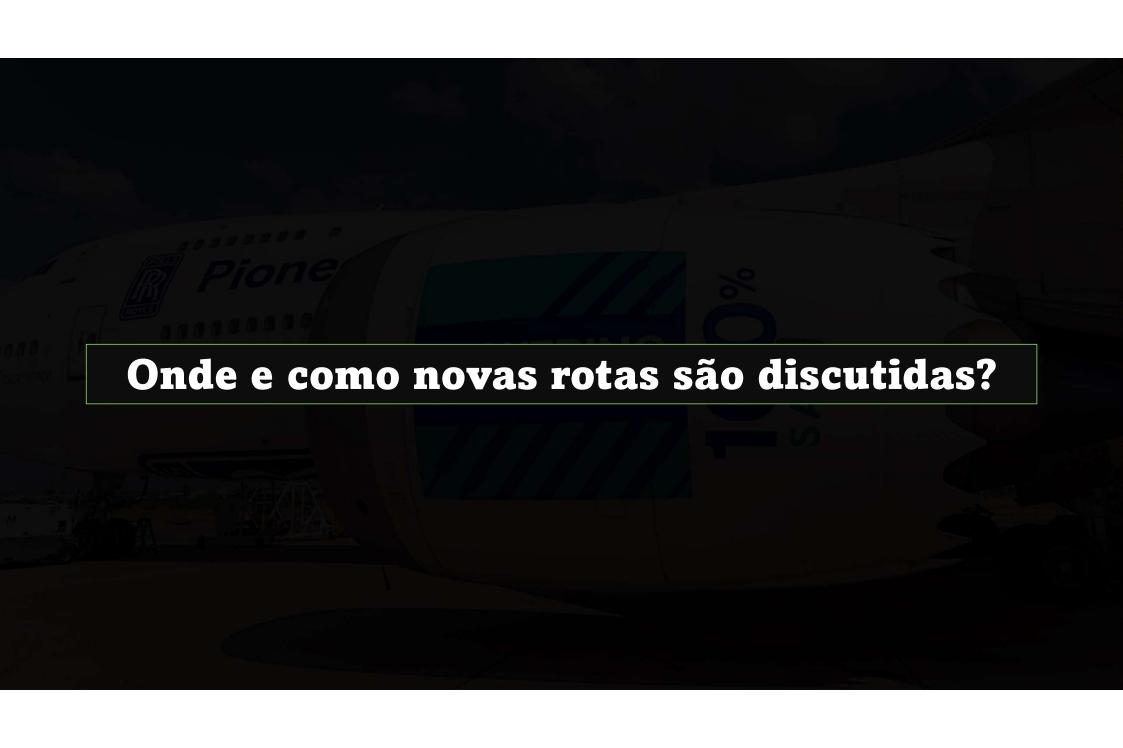
Melaço (ATJ-I)

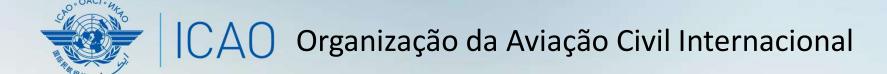
Cana de Açúcar (ATJ-E)

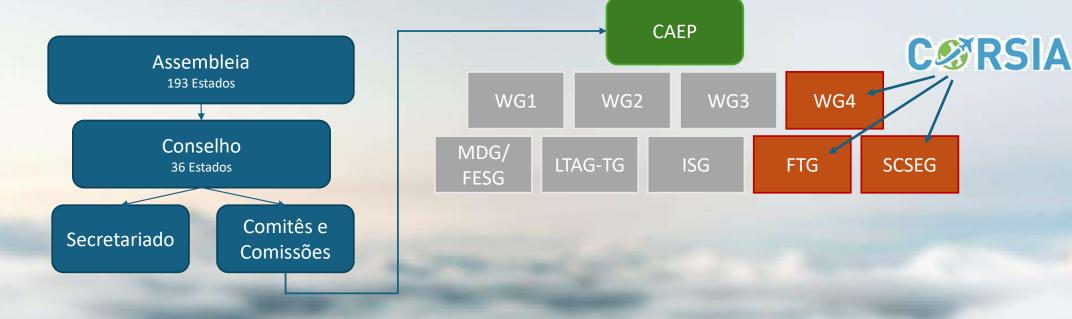
Cana de Açúcar (SIP)

Soja (HEFA – co-processado)

No Brasil

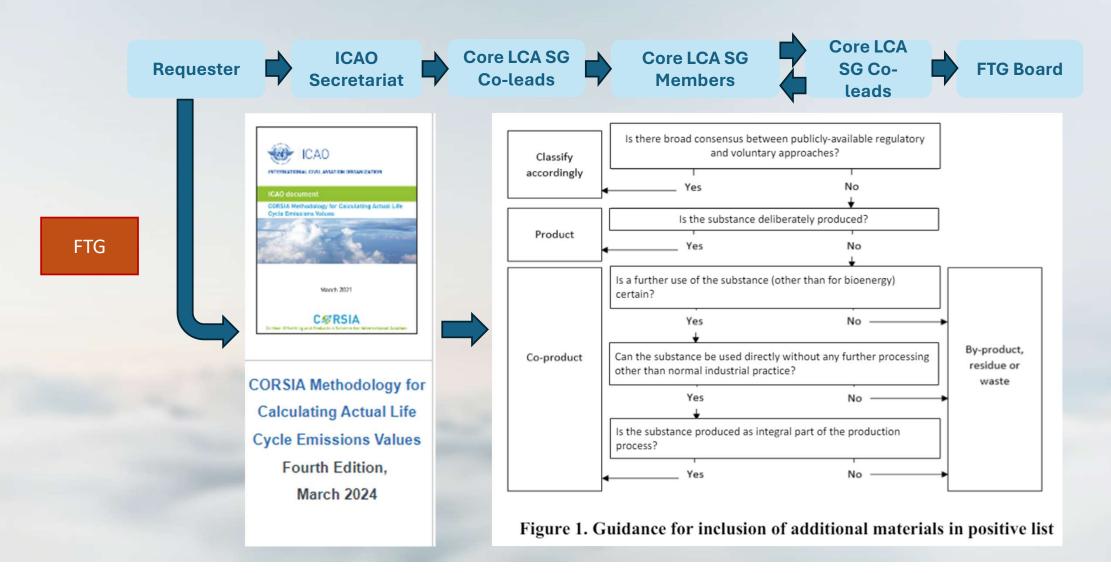




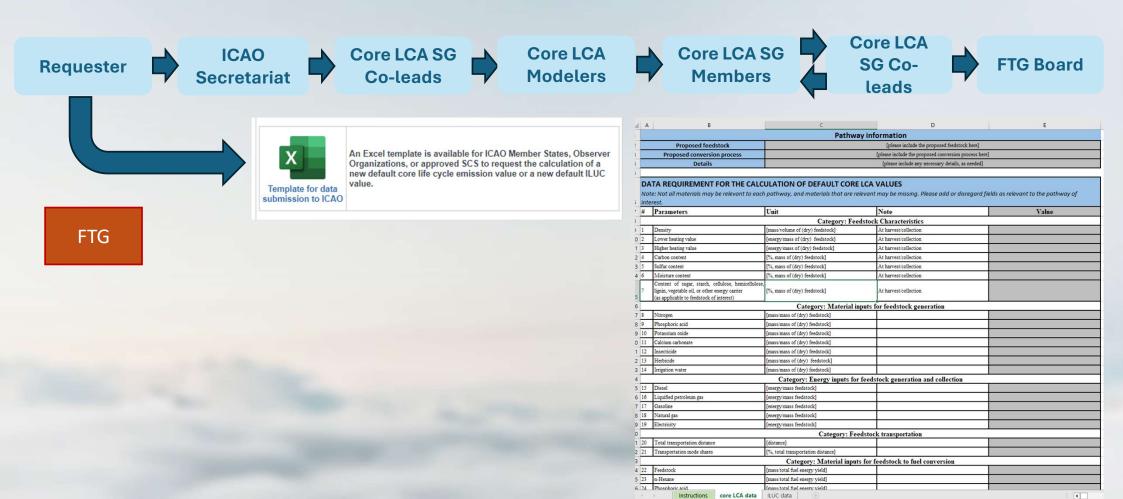




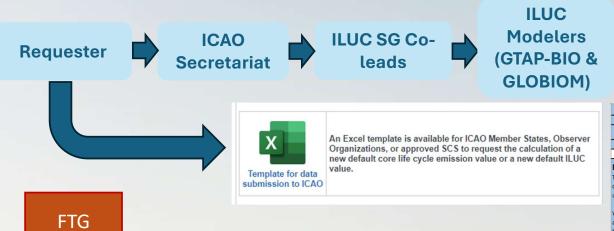
Inclusão na lista positiva (resíduos, etc)



Inclusão de valores de Ciclo de Vida (CoreLCA)



Inclusão de valores de ILUC



	modelers	
	Pathway information [please include the proposed feedstock here]	
Proposed feedstock	[please include the proposed feedstock here]	
Dropped conversion process	[please include the proposed conversion process here]	

ILUC SG

Co-leads

and

[please include any necessary details, as needed]

FTG Board

DATA REQUIREMENTS FOR THE CALCULATION OF ILUC VALUES

ILUC SG

Members

The template below lists the data needed for the LUC modelling of new pathways and feedstocks with the two models, GTAP-BIO and GLOBIOM. These data fall into two classes: "required" and "recommended". Only seven elements have been classified as required. However, the Template also indicates the default assumptions that will be used for the case where some recommended information is not available.

When a new region/feedstock/pathway combination is evaluated, ILUC results will be requested from both GTAP-BIO and GLOBIOM models. Each model must be made available to the members of the CAEP Fuels Task Group (FTG), so they can perform their own analysis. However, only the results from model simulations agreed by FTG will be used in calculating new ILUC values. If the ILUC emission results between the two models differ by 2002/PMI or less, the average value will be used. When the difference is greater than 8.9 gCO2e/MJ, the lower of the two values plus 4.45 gCO2e/MJ will be used. In the event that values cannot be obtained from both models within six months of the request date, the value from one model would be brought forward to CAEP for their potential approval and recommendation to the ICAO Council for inclusion in the default values contained in the ICAO document "COSIA Default If ic Cycle Fmissions Values".

#	Data	Required / recommended	Rationale	Value
		Category:	Crop Productivity	
1	Crop yield for the primary product	Required	Required to know the direct land use impact.	
2	Crop yield for the secondary products (including transformation losses).	Required	Required to assess the primary crop needs and the displacement effect of coproducts. Information on protein-interpry content in the case of protein-interpry cakes distiller grains is recommended, otherwise a default value based on average protein-intergy-cakes distiller grains content will be used.	
3	Above-ground living biomass at harvest	Required	Required to compute the agricultural biomass sequestration.	
4	Below-ground living biomass at harvest	Recommended	Recommended to compute the agricultural biomass sequestration. A default IPCC value will be applied if no information is available. If IPCC does not provide a value, a proxy will be estimated	
5	Above-ground living biomass after harvest	Recommended	Recommended to compute the average sequestration time in the field plantation (e.g. tree biomass remaining for palm plantations, agricultural residue remaining, etc.). If not available, all biomass will be considered harvested.	
6	Relow-ground living highest after harvest	Recommended	Recommended to compute average sequestration as it may depend on the crop type (below ground biomass dying in case of annual crops but remaining for some perennials). If not avaisible, all biomass	

Cálculo do Ciclo de Vida Completo (Lcef)





Agradecidos pela atenção

Gerência de Meio Ambiente e Transição Energética - GMAT https://www.gov.br/anac/pt-br/assuntos/meio-ambiente meioambiente@anac.gov.br