



# Certificate

according to the  
Renewable Energy Directive (RED)

(DIRECTIVE 2009/28/EC of the EUROPEAN PARLIAMENT and of THE COUNCIL  
of 23 April 2009 on the promotion of the use of energy from renewable sources)

**EU-ISCC-Cert-DE100-16432018**

**SGS Germany GmbH**  
Europa Allee 12, D-49685 Emstek

certifies that

**PT Tunggal Yunus Estate**  
**Petapahan Village, Tapung District**  
**Kampar Regency, Riau**  
**Indonesia**

complies with the requirements of the RED and the certification system  
**ISCC EU**

**(International Sustainability and Carbon Certification)**  
which is approved by the European Commission.

**This certificate is valid from 25. August 2018 to 24. August 2019**

The certified site of the system user is a (type of operation):  
**oil mill**

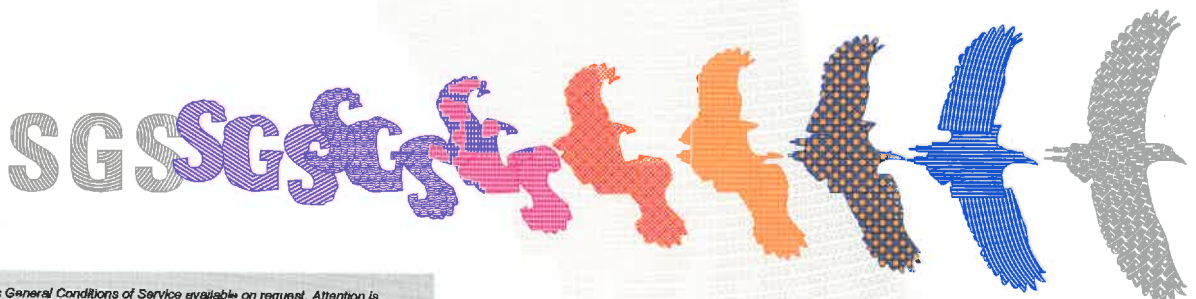
Emstek, 20. August 2018  
Place and date of issue

**SGS**  
*Handwritten Signature*  
**SGS Germany GmbH**

Stamp, Signature

The issuing Certification Body is responsible for the accuracy of this document.

Version / Date: 1 (no adjustments) / 20. August 2018



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**Annex to the certificate:**

**Sustainable materials handled by the certified site**

(only applicable for material handled under the scope as: farm/plantation, point of origin, central office, first gathering point, conversion unit but **not** for material that is only traded and/or stored)

This annex is only valid in connection with the certificate:

**EU-ISCC-Cert-DE100-16432018 issued on 20. August 2018**

Input material	Output material	GHG values*	ISCC EU waste process applied**
oil palm fresh fruit bunches (FFBs)	crude oil (palm)	2	no
oil palm fresh fruit bunches (FFBs)	palm kernel	2	no
* 1: GHG emissions <b>of the certified unit</b> are based on default values 2: GHG emissions <b>of the certified unit</b> are based on individual calculation 3: GHG emissions are based on NUTS 2 values for <b>cultivation</b> (only applicable for First Gathering Points, farms/plantations, Central Offices)			
** Yes: Certification of this material does not start on farm/plantation level. Sustainability criteria acc. Article 17 paragraphs 3 to 6 of the directive 2009/28/EC (RED) have not been subject to control of this material. No: Certification covers all sustainability criteria as laid down in Article 17 of the directive 2009/28/EC (RED).			

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