

# Construction Sector

## Responsible Timber Sourcing

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*Charlie Law*

*March 2022*





# Responsible Timber Sourcing

## Workshop Outline

- Why do we need forest certification?
- UK timber market and sources
- CPET and approved certification schemes
- Differences between the schemes
- Drivers for certification
- Inclusive specification clauses
- Chain of Custody
- Project Certification



# Responsible Timber Sourcing



## Anticipated Outcomes

By the end of this CPD session you will have an understanding of:

- the background to forest certification and the drivers
- the UK timber market and sources
- the CPET compliant schemes, and the differences between them
- what an inclusive specification clause looks like
- how Chain of Custody works
- the role of Project Certification



# Responsible Timber Sourcing



**Why do we need forest certification?**



# Why do we need Forest Certification?

## Unsustainable Harvesting



Photo: iStock



Photo: Uganda Today

# Why do we need Forest Certification?

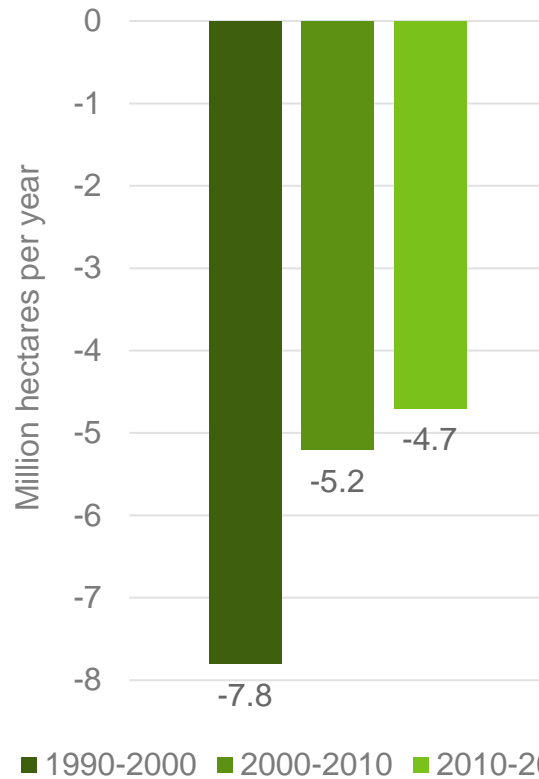


## Unsustainable Harvesting

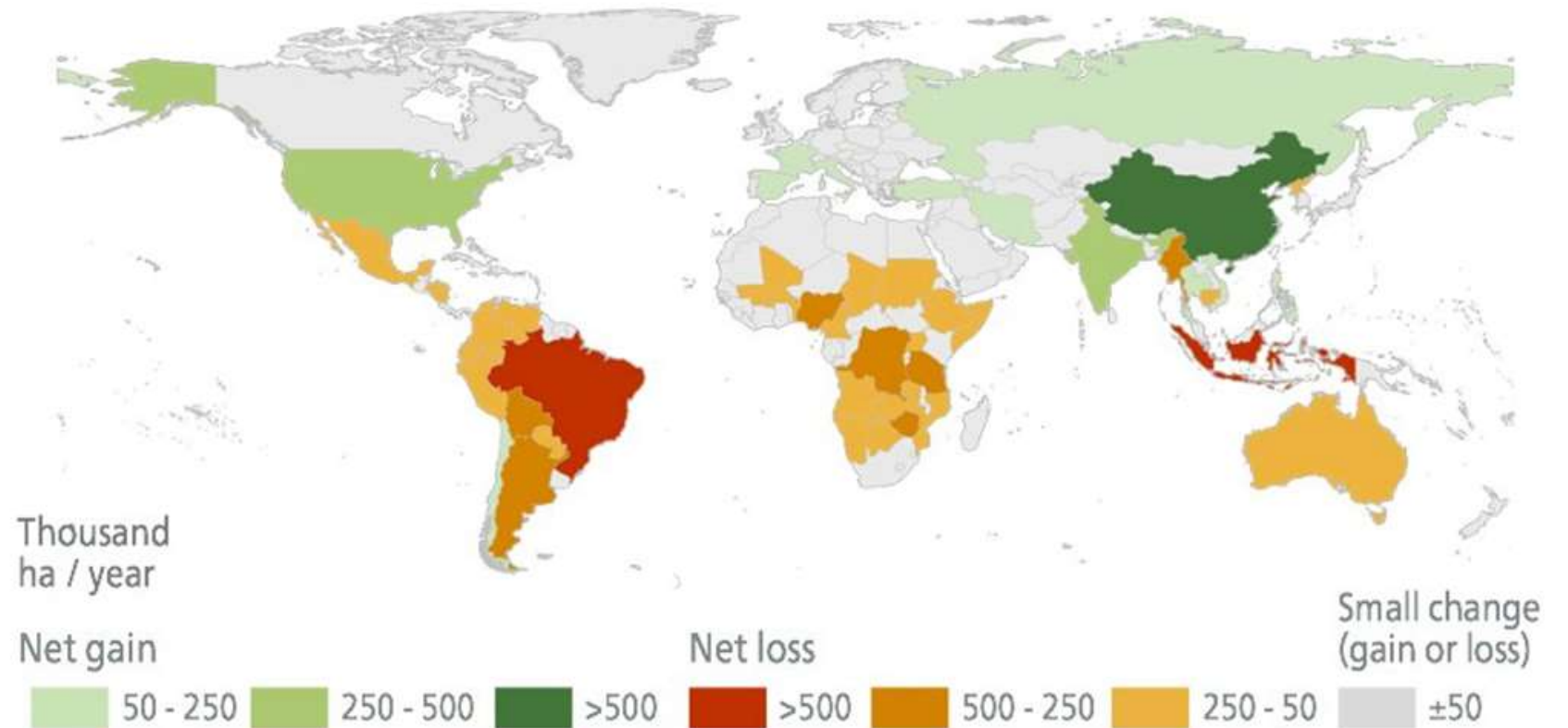


Food and Agriculture  
Organization of the  
United Nations

Forest area annual net  
change 1990 - 2020



Forest area annual net change 1990 - 2015





# Why do we need Forest Certification?

## Sustainable Forest Management



Photo: SusConSol



Photo: iStock



# Why do we need Forest Certification?

## Sustainable Forest Management



Global Forest Watch





# Why do we need Forest Certification?

## Sustainable Forest Management



Global Forest Watch

# Why do we need Forest Certification?

## Unsustainable Harvesting



Global Forest Watch



# Responsible Timber Sourcing

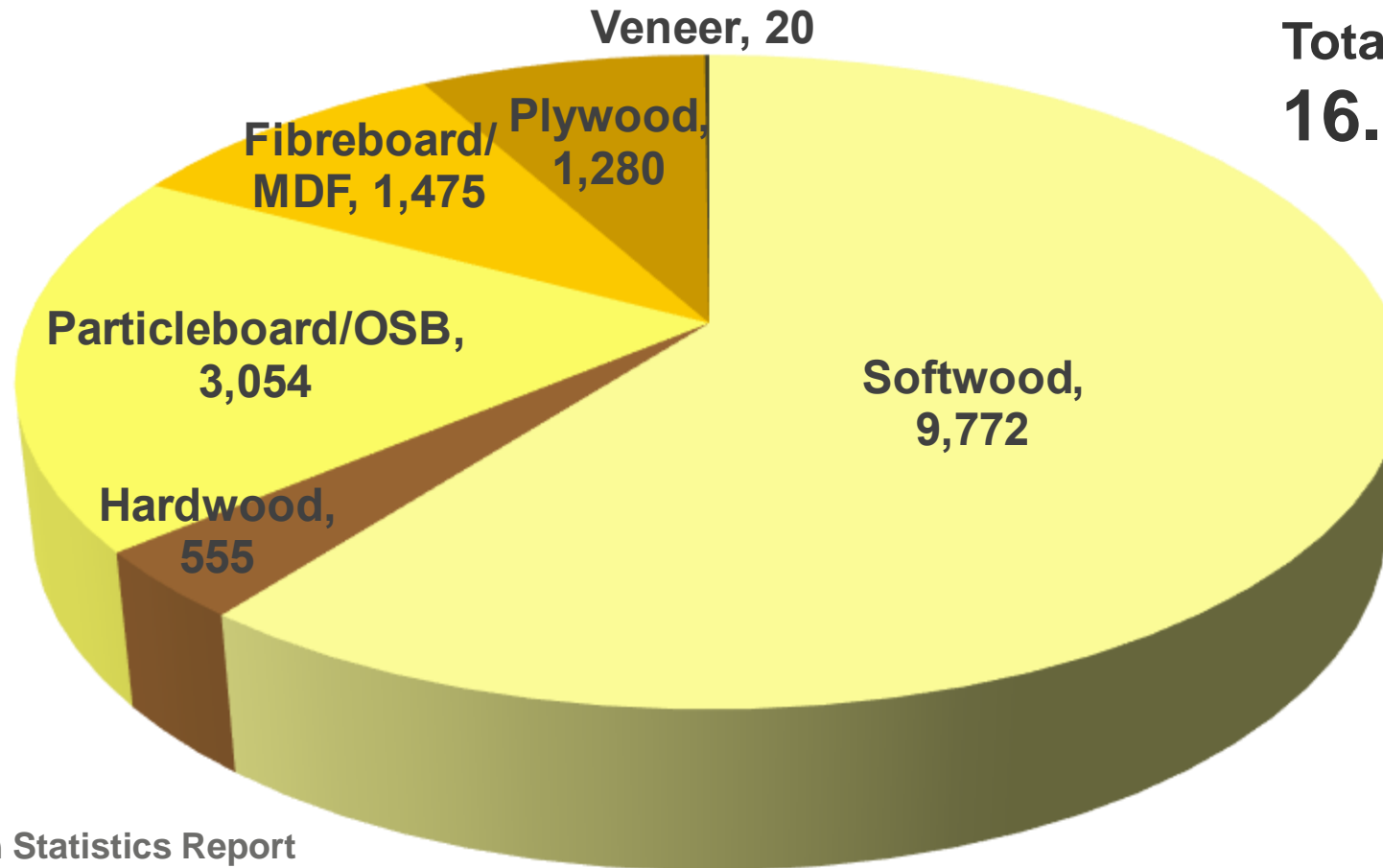


## UK Timber Market

# UK Timber Market



## 2020 UK Timber Consumption (Thousand m<sup>3</sup>)\*



Total UK Consumption:  
**16.16 million m<sup>3</sup>**

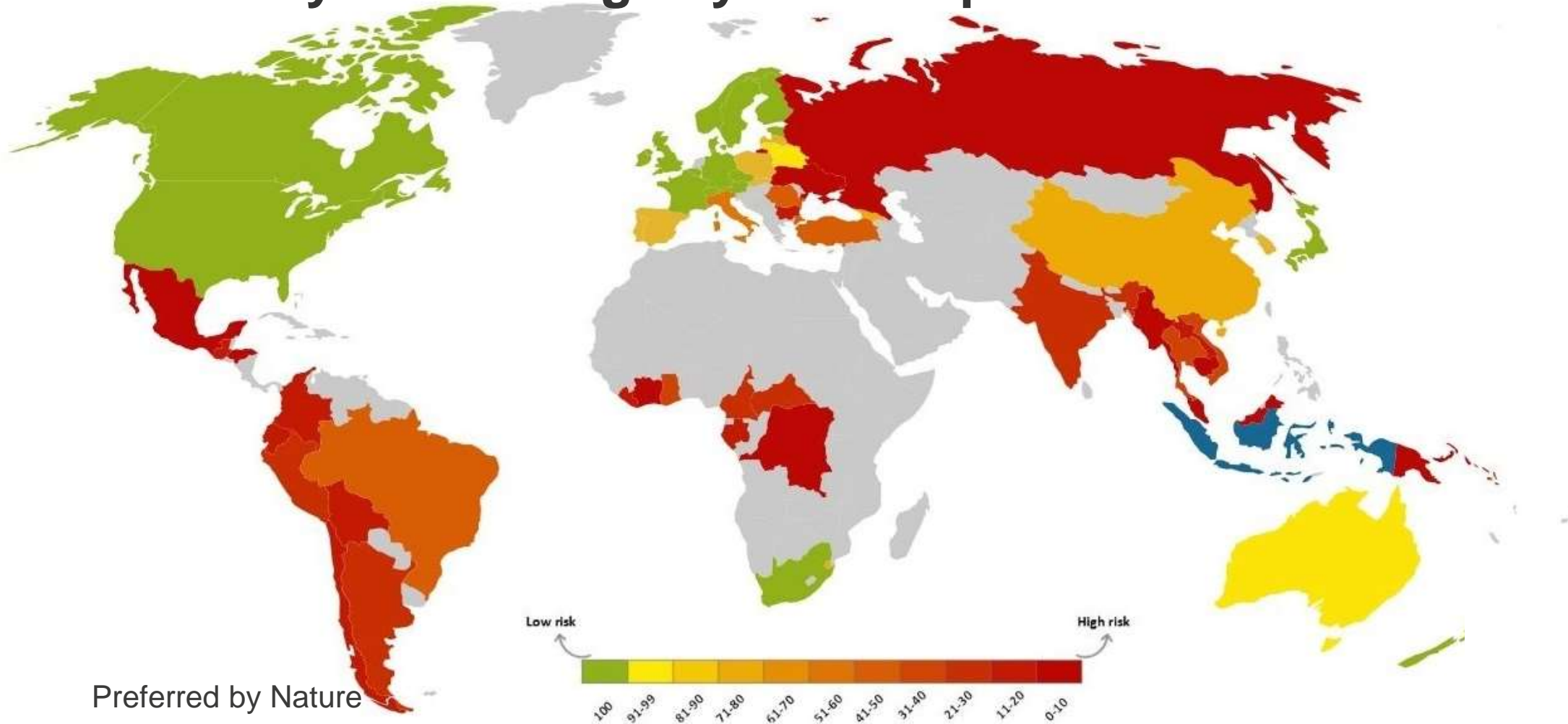
\*2021 Forestry Commission Statistics Report  
Figures exclude CLT & Glulam



# UK Timber Market



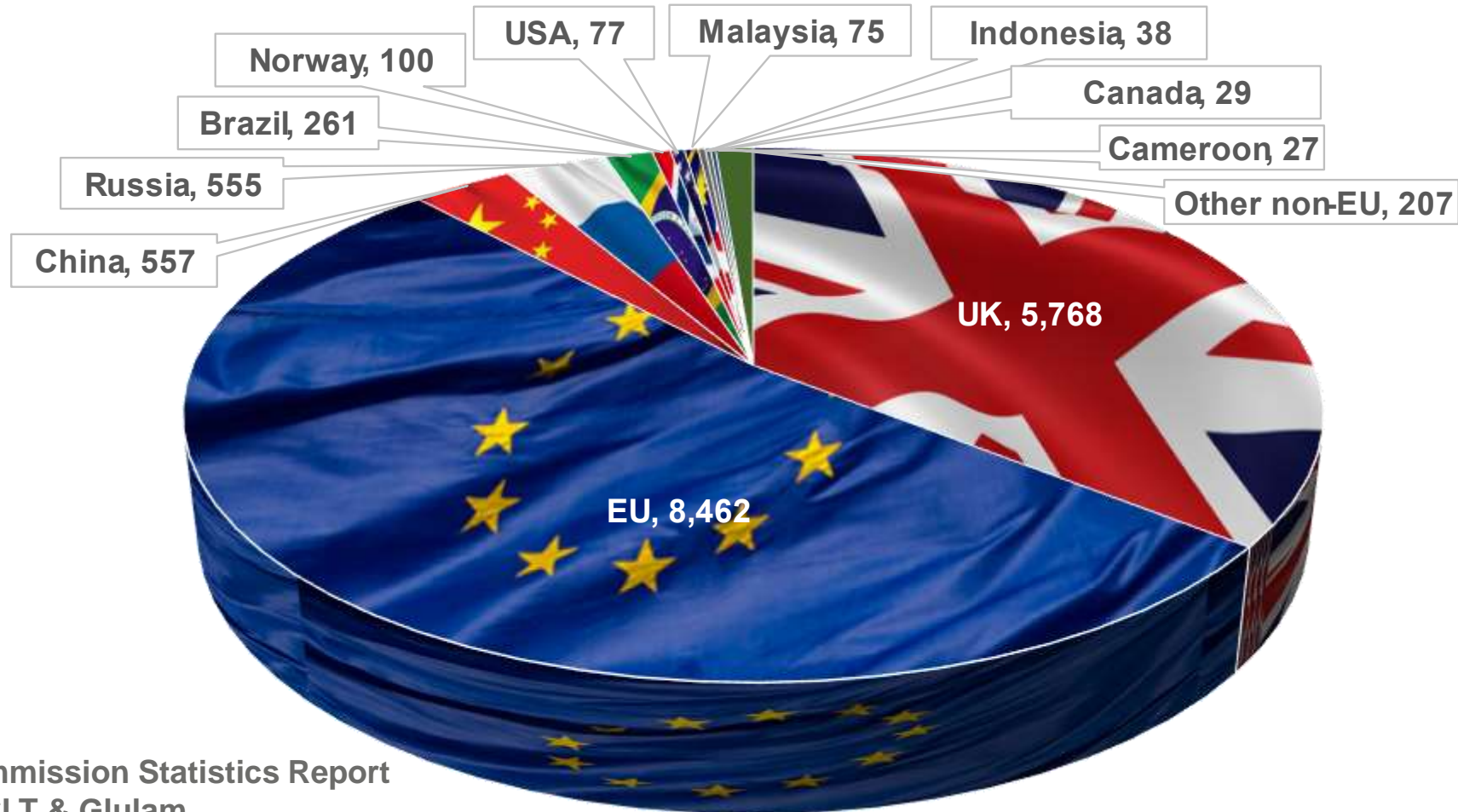
## Preferred by Nature Legality Risk Map



Preferred by Nature

# UK Timber Market

## 2020 Timber Sources (Thousand m<sup>3</sup>)\*



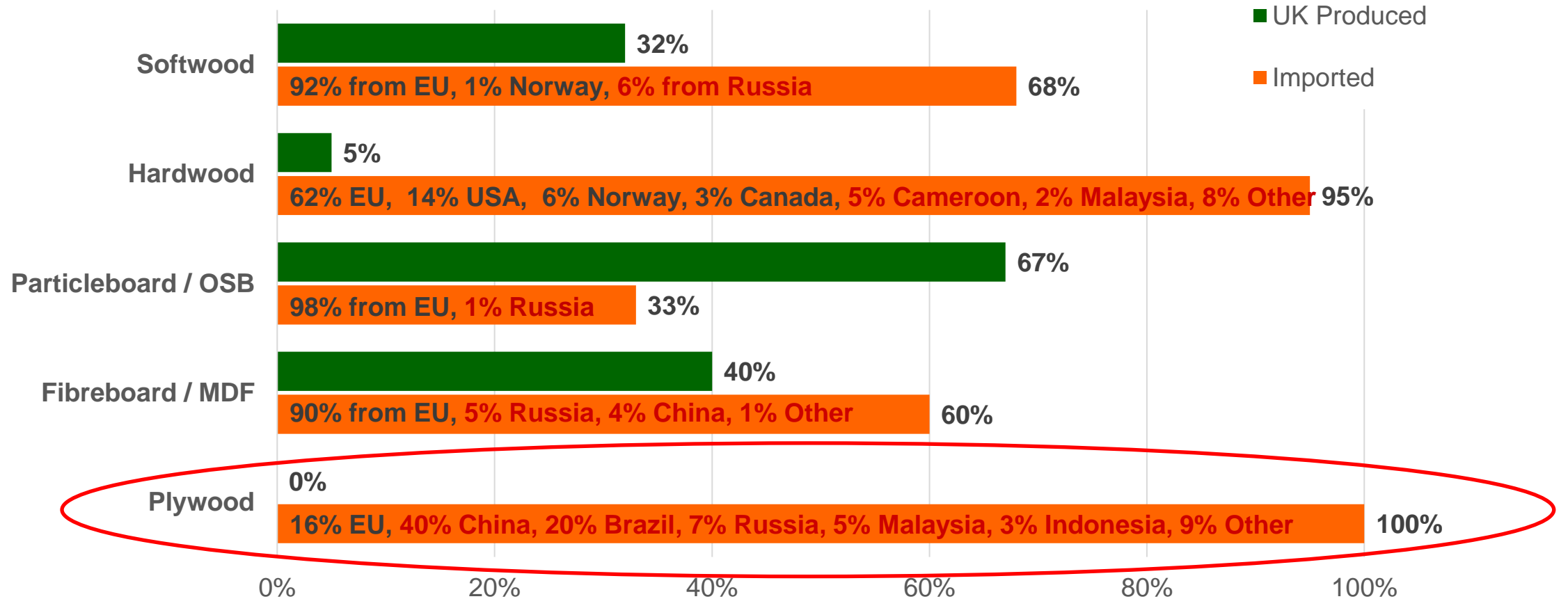
\*2021 Forestry Commission Statistics Report  
Figures exclude CLT & Glulam



# UK Timber Market



## 2020 UK Supply v Imports\*



\*2020 Forestry Commission Statistics Report  
Figures exclude CLT and Glulam

# Responsible Timber Sourcing



## Central Point of Expertise on Timber (CPET)





## UK Government's Central Point of Expertise on Timber

Advised Government departments and their suppliers on how to meet the UK Government's Timber Procurement Policy (UK TPP).

### Category A evidence (independent forest certification schemes)

- Programme for the Endorsement of Forest Certification (PEFC)
- Forest Stewardship Council (FSC)

### Category B evidence (all other forms of evidence)

- UK Forestry Standard source (e.g. Grown in Britain (GiB) certified)
- Forest Law Enforcement Governance and Trade (FLEGT) licenced
- Compliance with the 'Framework for evaluating category B evidence'



## CPET Compliant Schemes

	PEFC	FSC	GiB	FLEGT
Ensures forestry legal compliance	✓	✓	✓	✓
Ensures forest sustainability	✓	✓	✓	✓ <sup>1</sup>
Robust accreditation and certification process	✓	✓	✓	✓ <sup>2</sup>
Robust chain of custody process	✓	✓	✓	✗
Above audited for compliance with CPET <sup>3</sup>	✓ <sup>63/66</sup>	✓ <sup>62/66</sup>	✗	✗

<sup>1</sup> EU Evaluation Report “...Sustainable Forest Management is unclear and needs to be made more explicit.”

<sup>2</sup> EU Evaluation Report “...monitoring of FLEGT Action should be improved.”

<sup>3</sup> Independent review carried out in 2014/2015 on behalf of the CPET reference board



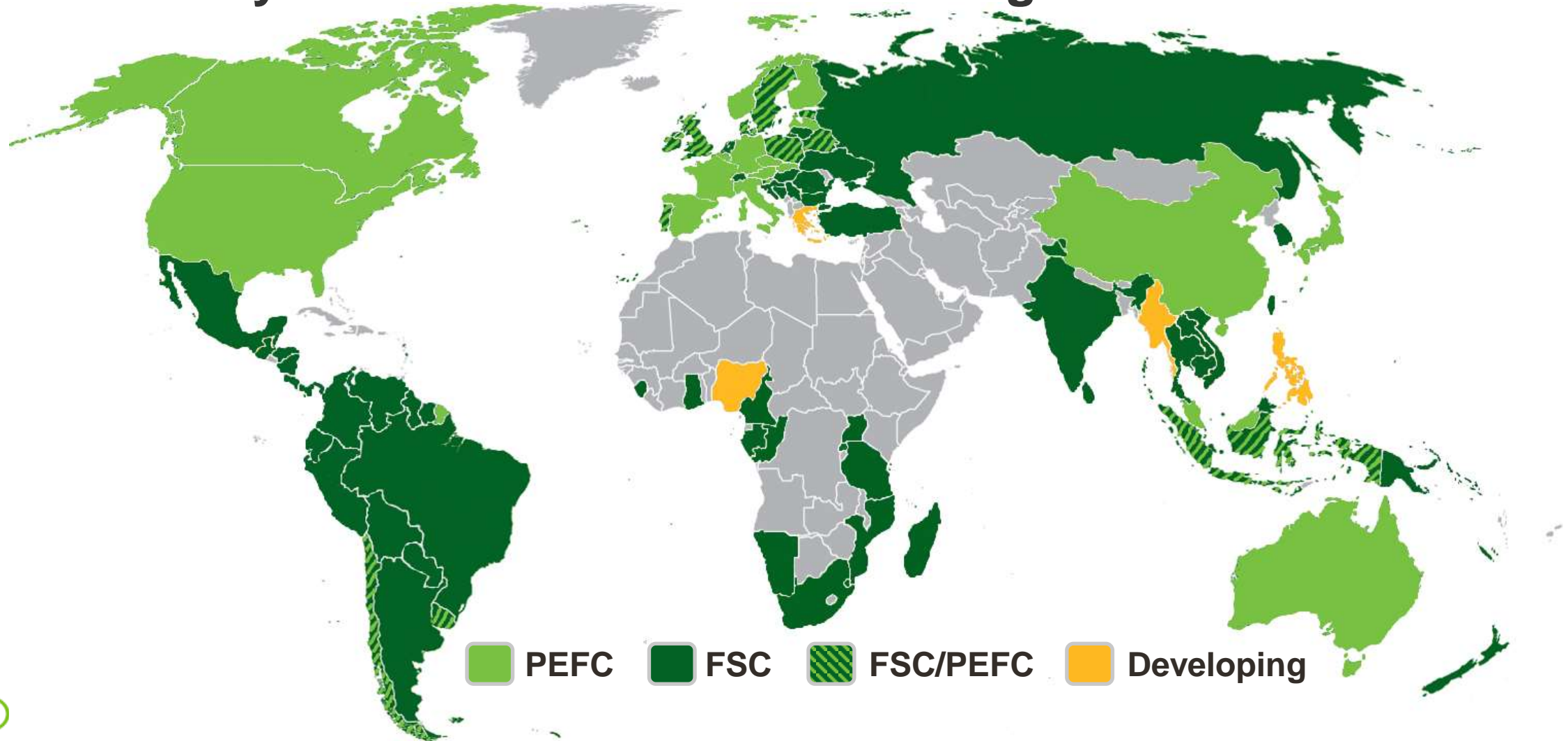


## Forestry Certification Scheme Differences





## Forestry Certification Scheme Coverage





# Responsible Timber Sourcing



## Certification Drivers

# Certification Drivers



## Government Timber Procurement Policy

The UK Government's Timber Procurement Policy (TPP) states that:

- **Only timber and wood-derived products originating from an independently verifiable Legal and Sustainable source (which can include from a FLEGT partner) will be demanded for use on the government estate;**
- **Appropriate documentation will be required to prove it;**
- **Applies to all virgin timber and wood-derived products used on the government estate, including temporary site works and material supplied by suppliers.**

[UK Government Timber Procurement Policy](#)

# Certification Drivers

## UK Timber Regulation

‘The Timber and Timber Products (Placing on the Market) Regulations 2013’ based on EUTR

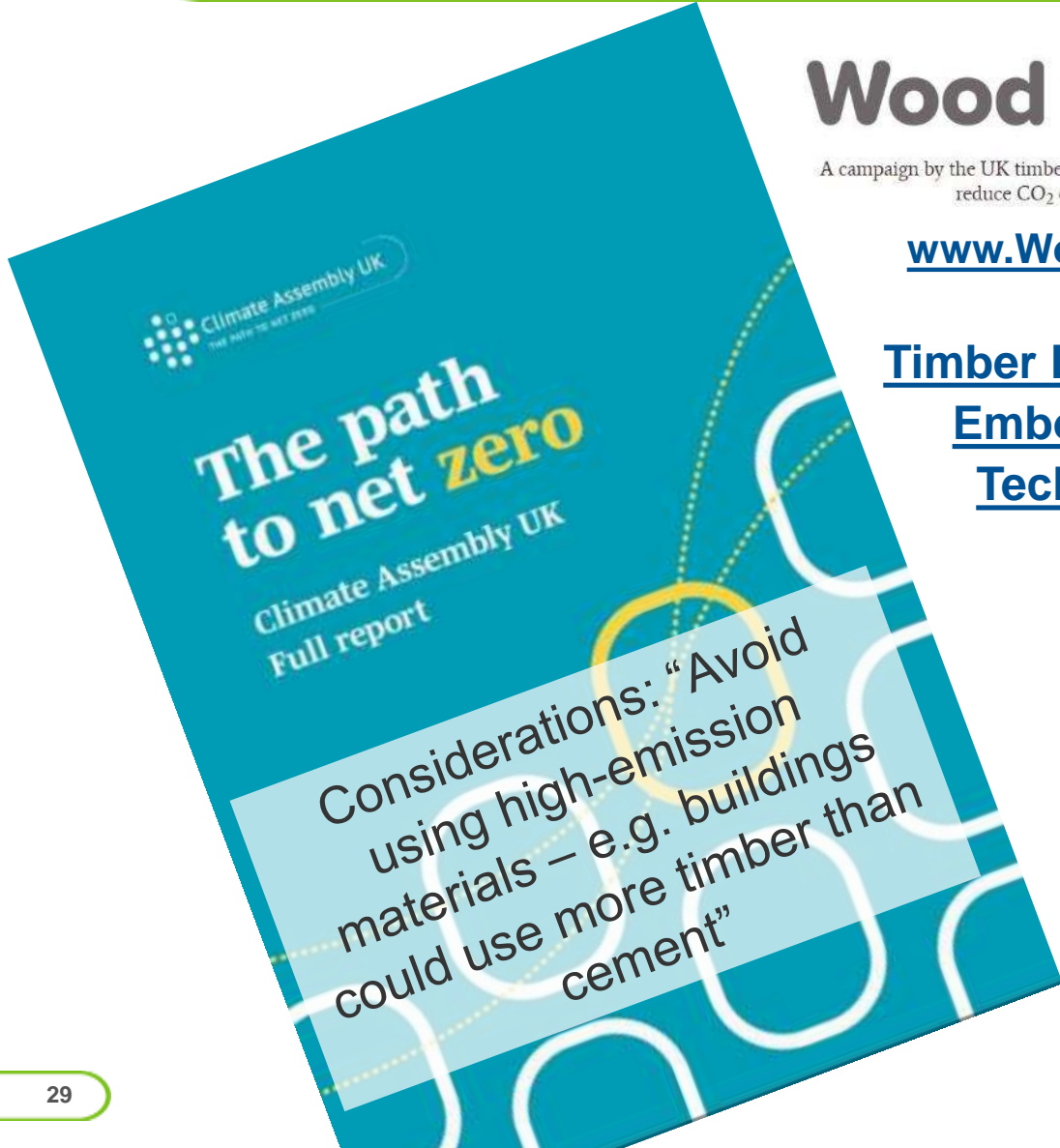
Defines two types of organisation:

- Operator (e.g. Timber Importer)
- Trader (e.g. Contractor)





# Certification Drivers



## Wood CO<sub>2</sub>ts less

A campaign by the UK timber industry encouraging the use of wood as a way to reduce CO<sub>2</sub> emissions and fight climate change

[www.WoodForGood.com](http://www.WoodForGood.com)




### Timber Development UK Embodied Carbon Technical Paper



# Certification Drivers

## Building Certification Schemes

The following building certification schemes all have sustainable timber requirements:

-  Mat 3 Responsible Sourcing - PEFC or FSC (GiB<sup>1</sup>)
-  MR Credit Sourcing Raw Materials - PEFC or FSC
-  D20 Timber - PEFC, FSC or GiB

<sup>1</sup> Prerequisite only

# Certification Drivers

## UN Sustainable Development Goals

### SUSTAINABLE DEVELOPMENT GOALS





# Certification Drivers

## Reputational



All photos Greenpeace/Cobbing

# Responsible Timber Sourcing



## Specifying Timber

# Specifying Timber



## Inclusive Specification Clauses

An inclusive sustainable timber specification clause should include:

- Reference to timber and other wood based products
- Definition of the scope, e.g. temporary and permanent works
- Reference to the UK Government's Central Point of Expertise on Timber (CPET) definition of legal and sustainable
- Requirement for Chain of Custody to the site of use
- Examples of schemes that meet the above criteria



# Specifying Timber



## Example Specification Clause

The following is an example of an inclusive specification clause:

**“All timber and wood based products for either temporary or permanent inclusion in the works must be from legal and sustainable sources, as defined by the UK Government Central Point of Expertise on Timber (CPET), and be delivered to site with full chain of custody.**

**Chain of custody certification schemes recognised as meeting the above include:**

- **Programme for the Endorsement of Forest Certification (PEFC);**
- **Forest Stewardship Council (FSC); and**
- **Grown in Britain (GiB).”**

# Specifying Timber



## NBS Specification Options

NBS Chorus Home / NBS / Projects / Timber check / RS of timber / G20 Carpentry/ timber framing/ first fixing Help

Contents > Guidance Products Notes

General

JS ... 105 Timber procurement [Discard] [Save]

1 Timber (including timber for wood-based products): Obtained from well managed forests/ plantations in accordance with:

- 1.1 The laws governing forest management in the producer country or countries.
- 1.2 International agreements such as the Convention on International Trade in Endangered Species of wild fauna and flora (CITES).

2 Documentation:

- 2.1 Documentary evidence (which has been provided by the supplier of timber supplied, or
- 2.2 Evidence that suppliers have adopted a chain of custody scheme for timber and wood-based products.

3 Chain of Custody Certification scheme: Submit proposals

3.1 Other evidence: None

**Suggestions**

- Not applicable
- In accordance with UK Government Timber Procurement Policy(UKTPP) i.e FSC, GiB or PEFC
- Forest Stewardship Council (FSC), Grown in Britain (GiB) or Programme for the Endorsement of Forest Certification (PEFC)
- Contractor's choice in accordance with UK Government timber procurement policy (UKTPP), i.e. FSC, GiB or PEFC

105  
**Timber procurement**  
See general guidance 10.  
Clause 105 can be adapted and/ or extended to meet project-specific requirements. Beware of contradicting any standards or protocols invoked by CE marking, and in particular, the rules that will apply to imports and exports from 1 January 2021; see DEFRA website. See also European Union Timber Regulation (EUTR) and PAS 2021.  
To avoid repetition, where wood or wood-based products are specified in several sections, insert clause 150 in Preliminaries section A33.  
Public procurement contracts, under the UK Timber Procurement Policy, must source a minimum of 70% of wood and wood-based products from legal and sustainable sources (with the balance from legal sources), or, where

# Specifying Timber



## Industry Examples



“Insist all timber and wood based products (for temporary and permanent use) are from certified legal and sustainable sources as defined by the UK Government Central Point of Expertise on Timber (CPET), delivered with full Chain of Custody” and “We proudly support the UK sustainable timber market by procuring Grown in Britain certified timber when it is available.”



# Responsible Timber Sourcing



## Chain of Custody

# Chain of Custody



## What is Chain of Custody

Chain of Custody is defined as:

**“Chain of Custody certification is a mechanism for tracking certified material from the forest to the final product to ensure that the wood, wood fibre or non-wood forest material contained in the product or product line can be traced back to certified forests.”**

But what does this actually mean in practice?

# Chain of Custody

## How Does Chain of Custody Work



**Note:** End user (e.g. construction site) does not need certification but could choose Project Certification.



# Chain of Custody

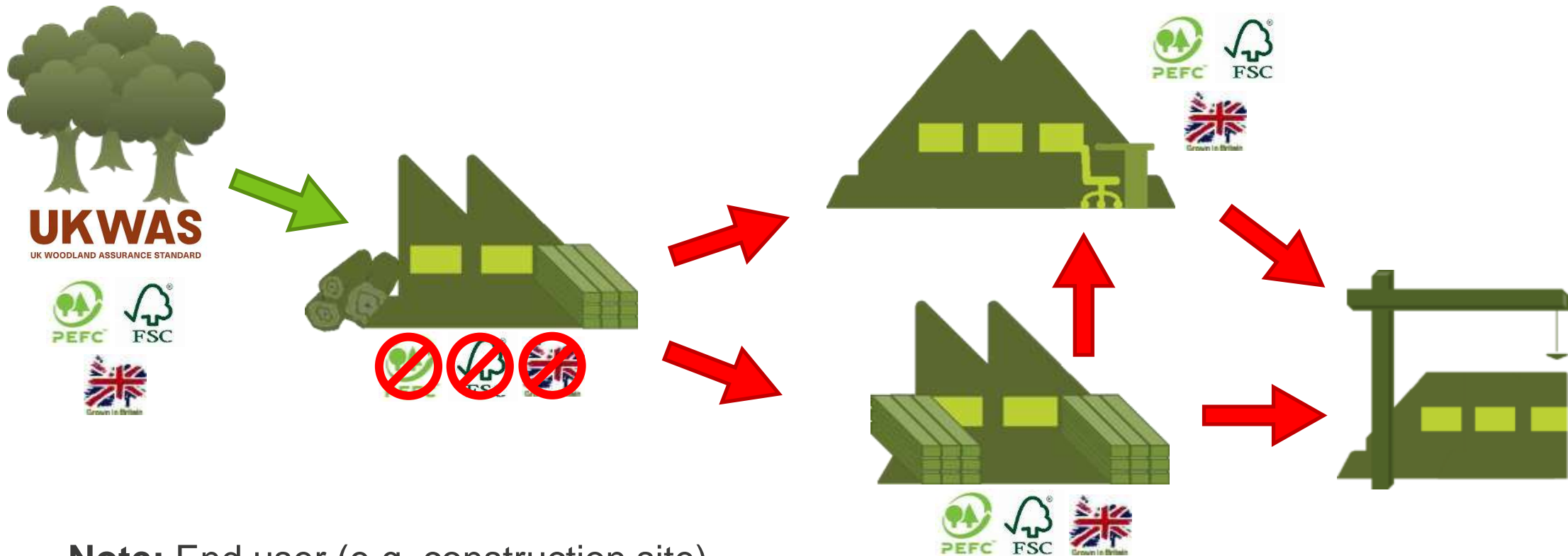
## How Does Chain of Custody Work



**Note:** End user (e.g. construction site) does not need certification but could choose Project Certification.

# Chain of Custody

## How Does Chain of Custody Work



**Note:** End user (e.g. construction site) does not need certification but could choose Project Certification.

# Chain of Custody

## Chain of Custody Certificate

- Correct supplier name
- Correct head office address
- Correct scope
- Products supplied listed
- Certificate number
- Start date and expiry date within project dates
- Where supplier has more than one depot, ensure Appendix lists all sites

**CERTIFICATE OF REGISTRATION**

This is to certify that  
**Arnold Laver & Co. Ltd**  
Olympic sawmills  
Oxclose Park Road North  
Mosborough  
Sheffield  
S20 8GJ

has been audited and found to meet the requirements of standard  
**PEFC ST 2002:2013 Chain of Custody Certification**  
As amended - [www.pefc.org](http://www.pefc.org)

**Scope of certification**  
The Purchasing, Storage, Processing, Sales and Distribution of PEFC-certified timber products including outsourcing activities

**Products:**  
Sawnwood  
Wood-based panels  
Paper & paper board  
Builder's carpentry  
Decorative wood

**Raw material origin:**  
Certified Raw Material

**Method:**  
Physical Separation

**Certificate number:** BMT-PEFC-0112

Issue number: 1000000000  
Certificate start date: 12 June 2017  
Certificate expiry date: 11 June 2022  
Date of initial certification: 11 June 2004

*Karen Prendergast*  
**Karen Prendergast**  
Sector Director - Certification  
Exova BIA TRADA

Exova (UK) Ltd, (T/A Exova BIA TRADA), Chiltern House, Stealing Lane, High Wycombe, Buckinghamshire, HP14 4HG, UK  
Registered Office: Exova (UK) Ltd, Lofthouse Industrial Estate, Headingley, Leeds LS28 5PS United Kingdom, Reg No. 32052428

This certificate remains the property of Exova (UK) Ltd. This certificate and all copies or reproductions of the certificate shall be returned to Exova (UK) Ltd or destroyed if requested. Further certification regarding the scope of this certificate and verification of the certificate is available through Exova BIA TRADA or at the above address or at [www.bia-trada.com](http://www.bia-trada.com)

This certificate must not constitute evidence that a particular product supplied by the certificate holder is PEFC-certified. Products offered, shipped or sold by the certificate holder can only be considered to be covered by the scope of this certificate when the required PEFC claim is visible on invoices and shipping documents. The use of the UKAS accreditation mark indicates accreditation in respect of those activities covered by the accreditation certification 012.

*Visible claims* - The scope of certification shown above includes the participating sites shown in appendix A

**Address**

Dudley Road Oldbury Warley West Midlands B69 3DA	Timber Terminal Liverpool Road Cadishead Manchester M14 9BT
Pontefract Road Stouton Leeds West Yorkshire LS10 1SW	124 Hlew Road Rainham Essex RM13 8RS
Wagonway Road Hebburn Tyne And Wear NE31 1SP	Brabazon Hangar West Bay Filton Bristol BS99 7AR
Crowle Street Hull East Yorkshire HU9 1RH	Little London Road Heeley Sheffield South Yorkshire S8 0UH
Manningham Sawmills Canal Road Bradford Yorkshire BD2 1AR	Little London Road Heeley Sheffield South Yorkshire S8 0UH
Firs Trading Estate Oldington Lane Kidderminster DY11 7QH	Hertsmere Industrial Park Chester Road Borehamwood Hertfordshire WD6 1VS
478 Basingstoke Road Reading Berkshire RG2 0QJ	



# Chain of Custody

## Chain of Custody Certificate Website Check

- Search by supplier name and/or certificate number
- Find depot and click on 'More info'
- Confirm depot address
- Certificate number
- Validity and expiry date

PEFC: [www.pefc.org/find-certified](http://www.pefc.org/find-certified)

FSC: <https://info.fsc.org/>

GiB: [www.growninbritain.org/directory](http://www.growninbritain.org/directory)

The screenshot displays the PEFC website interface. At the top, the PEFC logo and tagline "Caring for our forests globally" are visible. A navigation menu includes links for Home, About PEFC, Forest Issues, Projects, Standards, Certification Services, Resources, News & Media, and Find certified. A search bar is located in the top right corner. The main content area shows the "PEFC council information register" for "Arnold Laver & Co Ltd Rainham". The certificate details are as follows:

Certificate	CoC
Type of certification	Participant in Multi-Site Certification
Contact	Arnold Laver & Co Ltd Rainham 1515 - 124 New Road RM13 8RS Essex United Kingdom
Certificate	
Certificate number	BMT-PEFC-0112
Status	Valid
Expiry Date	2022-06-11
Certification body	
Contact	Exova BM TRADA Chiltern House Stocking Lane Hughenden Valley HP14 4ND High Wycombe Buckinghamshire United Kingdom  Phone: +44 (0) 1494 569741 E-mail: john.lovelock@exova.com Website: http://www.exovabmtrade.com
PEFC logo license	
Number	PEFC/16-37-021
Expiry date	2022-06-11
Company Products	No products found

# Chain of Custody



## Materials Delivery





# Chain of Custody

## Delivery Note Information

- Supplied from the supplier and depot on the certificate
- Correct delivery address (site not customer's office!)
- Delivery date within validity
- Correct product description and valid product claim
- Chain of Custody Certificate number
- Quantity (that can be used to calculate total m<sup>3</sup>)



Arnold Laver & Co. Ltd.  
124 New Road  
Rainham, RM13 8RS  
TEL: 01708 529500 FAX: 01708 529501  
E-mail: sales@london.timberworld.co.uk  
Web Site: www.timberworld.co.uk

### DELIVERY NOTE

Customer Copy

<b>CUSTOMER</b> John Smith Fit Out Ltd Old Road London NW10 9AB	<b>DELIVER TO</b> John Smith Fit Out Ltd c/o Main Contractor Ltd New Superstore New Road London NW9 5AF	John Smith  0123 456 7890
Site Instructions; Access to site is via John Harrison Way. NO ACCESS VIA MILLENIUM WAY		

CUSTOMER REFERENCE	DELIVERY EX	PER	DATE	REFERENCE	INTERNAL ORDER	Created By Richard Baker Despatched By: Emma Gerrard Printed: 21/09/2016 @ 13:12:47	
P0065355/148	Timberworld ESSEX	Delivered	22/09/2016		4522396/0		
DESCRIPTION					QUANTITY	PIECES	PRODUCT CODE
<b>F05010048P</b> 50 x 100mm CLS Kiln Dried C16 and Better 4.8m (38 x 89) Only PEFC <small>70% PEFC CERTIFIED</small>					57.600 m	12	F05010048P
<b>QSAL3552SF</b> 2140 x 1226 x 18mm Ext CE2+ Structural C+/C Elliottis Plywood FSC <small>FSC Mix 70%</small>					10 ea	10	QSAL3552SF

**EVERYBODY PLAYS A PART**

**WILLMOTT DIXON**

**Timber Delivery Checklist**

INFORMATION NEEDED ON TIMBER DELIVERY TICKETS FOR CHAIN OF CUSTODY

Supplier name and address  
Site delivery address  
Clear product description  
Volume (m<sup>3</sup>) or dimensions  
Product supplied  
Date of delivery  
Chain of custody certificate number (see overleaf)  
Location details of supplier (PEFC-1294 or TT-COC-2345)

Supplier name and address  
Site delivery address  
Clear product description  
Volume (m<sup>3</sup>) or dimensions  
Product supplied  
Date of delivery  
Chain of custody certificate number (see overleaf)  
Location details of supplier (PEFC-1294 or TT-COC-2345)

Use Willmott Dixon products with a valid FSC Chain of Custody certificate to ensure the Chain of Custody is maintained.

**PEFC**

**TIMBER DELIVERY CHECKLIST**

INFORMATION NEEDED ON TIMBER DELIVERY TICKETS FOR CHAIN OF CUSTODY

Supplier name and address  
Site delivery address  
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Volume (m<sup>3</sup>) or dimensions  
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**FSC®?**

**Forests for All**

**Delivery checklist**

Supplier name and address  
Site delivery address  
Clear product description  
Volume (m<sup>3</sup>) or dimensions  
Product supplied  
Date of delivery  
Chain of custody certificate number (see overleaf)  
Location details of supplier (PEFC-1294 or TT-COC-2345)

Use Willmott Dixon products with a valid FSC Chain of Custody certificate to ensure the Chain of Custody is maintained.

**FSC CLAIM**, using certification TT-COC-001623  
Product codes denoting an 'F' suffix are FSC MIX 70%, unless otherwise stated.

**PEFC CLAIM**, using certification BMT-PEFC-0112  
Product codes denoting a 'P' suffix are 70% PEFC CERTIFIED, unless otherwise stated.

**Forest Products**, using certification BMT-COC-0022  
Product codes denoting a 'C' suffix refers to CSA, 'S' suffix refers to SPS and 'M' suffix refers to MTC.

# Chain of Custody



## Chain of Custody Claims and Labels

### PEFC Claims

- 100% PEFC Origin
- xx% PEFC Certified<sup>1</sup>
- PEFC Controlled Sources

### PEFC Labels

- PEFC Certified<sup>2</sup>
- PEFC Recycled

### FSC Claims

- FSC 100%
- FSC Mix xx%<sup>1</sup> / FSC Mix Credit
- FSC Recycled xx% / FSC Recycled Credit
- FSC Controlled Wood

### FSC Labels

- FSC 100%, FSC Mix<sup>2</sup>, FSC Recycled

### GiB Claims

- GiB-FP
- GiB-S
- GiB-F
- GiB-CP
- GiB-LO

### GiB Labels

- GiB-FP
- GiB-S

<sup>1</sup> CPET requires minimum 70% certified material    <sup>2</sup> Minimum 70% certified material



# Chain of Custody



## Chain of Custody Claims and Labels

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- GiB-FP
- GiB-S
- GiB-F
- GiB-CP
- GiB-LO

### GiB Labels

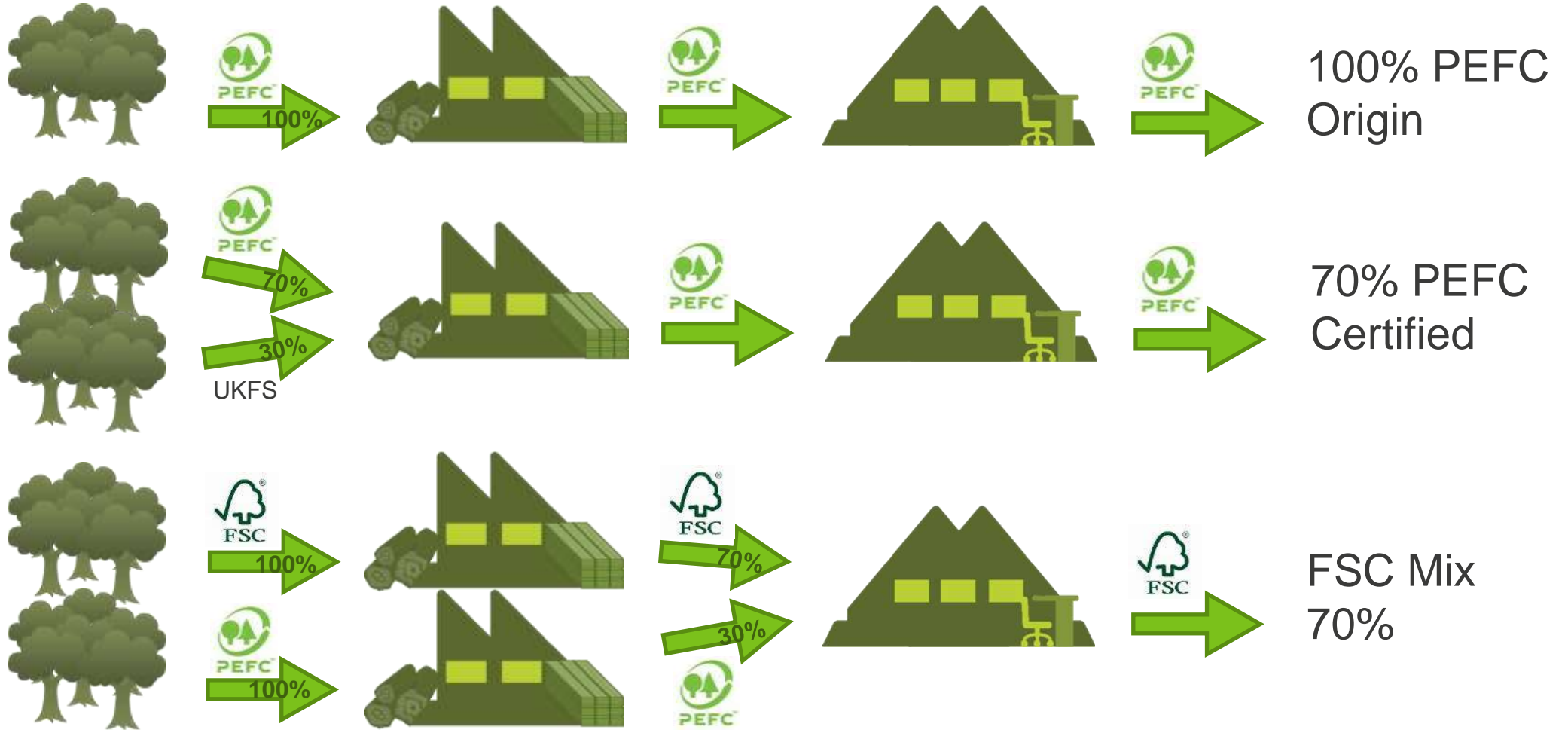
- GiB-FP
- GiB-S

<sup>1</sup> CPET requires minimum 70% certified material    <sup>2</sup> Minimum 70% certified material

# Chain of Custody



## Chain of Custody Claims



# Responsible Timber Sourcing



## Project Certification

# Project Certification



## Project Certification Requirements

### PEFC Project Certification

- No minimum percentage of PEFC material required
- Due diligence system required for all 'Other non-certified material'
- Partial certification can be used for specific components
- Allows use of PEFC trademark
- Issues a final certificate

### FSC Project Certification

- Full certification requires minimum of 50% FSC certified material
- Remainder to be 'FSC Controlled Wood' or 'Other reclaimed'
- Partial certification can be used for specific components
- Allows use of FSC trademark
- Issues a final certificate

**Note: The due diligence requirements for the two schemes vary considerably**



# Project Certification

## PEFC Certified Projects



**Olympic Park** - Photo: Olympic Delivery Authority



**Kingsgate House** - Photo: PEFC

# Responsible Timber Sourcing



## Call to Action

We trust you now have a better understanding of Responsible Timber Sourcing and ask that you action the following:

- Ensure responsible timber procurement is on your sustainability agenda
- Consider what timber you specify and where this may be sourced from
- Ensure you specify timber certification schemes that meet the CPET requirements (PEFC, FSC, GiB)
- Ensure your timber is delivered to the project with full Chain of Custody

**Thank You. Please complete our online feedback at:**  
**<https://forms.office.com/r/Y52mxwERGG>**



# Responsible Timber Sourcing



Photo: Hawkins Brown



Photo: Robertson and Rogers Stirk Harbour + Partners



Photo: Stora Enso

## Questions?

# Responsible Timber Sourcing



## Contact Details



**PEFC UK**

Alun Watkins

Executive Director

Sheffield Technology Parks, Cooper Buildings,  
Arundel Street , Sheffield S1 2NS

Phone: 07757 623314

Email: [awatkins@pefc.co.uk](mailto:awatkins@pefc.co.uk)

[www.pefc.co.uk](http://www.pefc.co.uk)



@AlunPEFCUK



@PEFC\_UK

# Thank You





# Responsible Timber Sourcing

## Contact Details



**Sustainable Construction Solutions Ltd**

Charlie Law

Managing Director

Heron Close, Uxbridge, Middx. UB8 1BJ

Phone: 07768 707669

Email: [claw@susconsol.co.uk](mailto:claw@susconsol.co.uk)

[www.SusConSol.co.uk](http://www.SusConSol.co.uk)



@CharlesLaw\_SCS

# Thank You

