

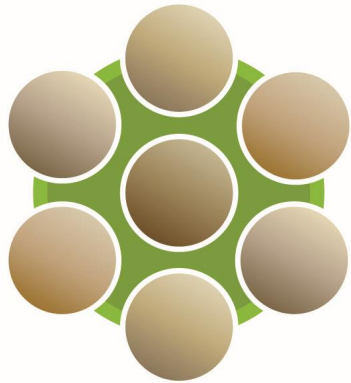
UK PELLET COUNCIL

WOOD HEAT 2023

24TH-25TH OCTOBER 2023

About Me

Dr Matthew Goodwin



UK PELLET COUNCIL

General Secretary & Standards Manager
of the **UK Pellet Council (UKPC)**

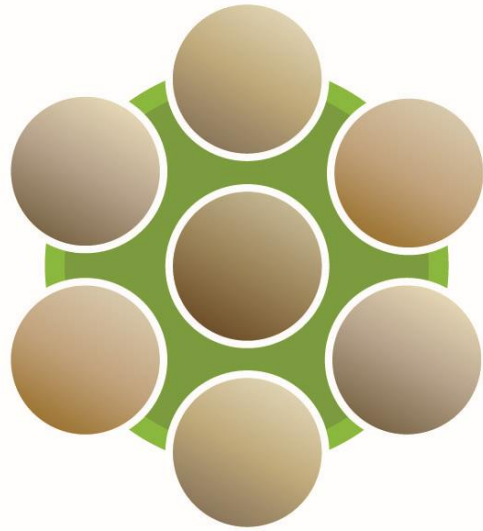


**EUROPEAN PELLET
COUNCIL**

A NETWORK OF
BIOENERGY EUROPE

Director of the **European
Pellet Council (EPC)**

About Us

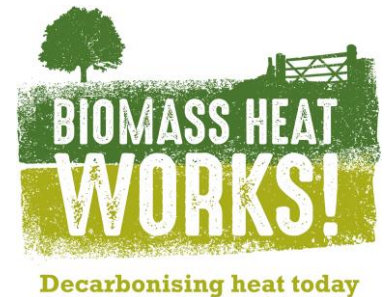


UK PELLET COUNCIL

- **Common voice** of UK wood pellet industry
- **53** member companies - **3** Producers, **5** Producer/Traders, **44** Traders, **1** Service Provider
- Responsible for the Production and Trade of **c 600,000 tonnes** of premium pellets p.a.

UKPC Objectives

- Provide a single body to represent the best interests of all parties directly involved in the UK wood pellet trade
- Manage implementation of the EN*plus*® Quality Scheme, as the UK National Licensor
- Publicise biomass heating to the general public via marketing and PR
- To be a forum for dispute resolution between members and end users
- To monitor Government policy and liaise with UK Government, interested parties, focus groups, and the wider industry with regard to wood pellet fuel



UKPC Objectives

Helping to Inform Government Policy

Number of homes in each segment by segment (millions)

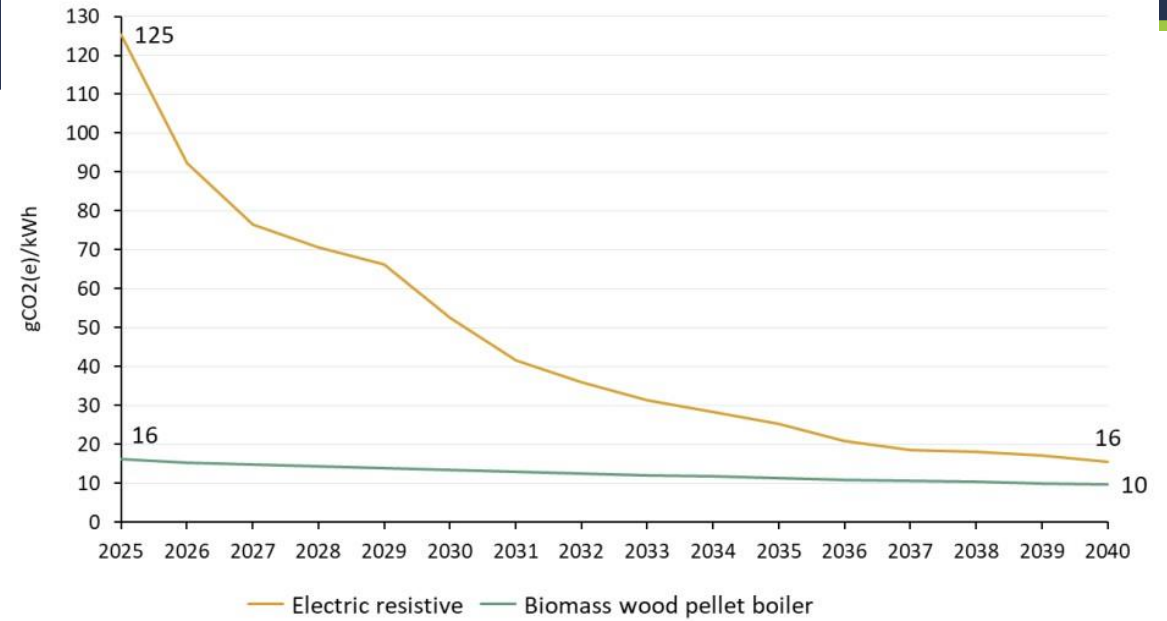
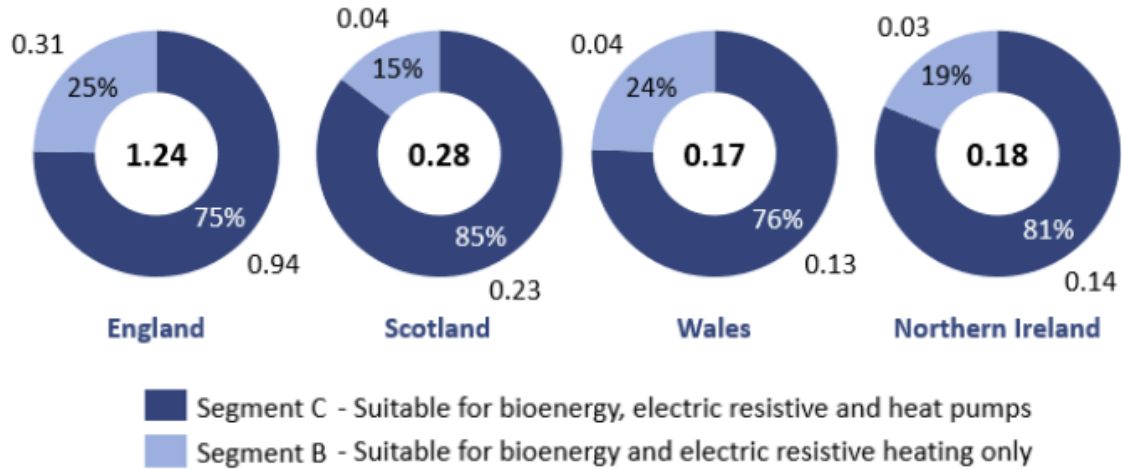


Figure 11: Carbon Intensity of electric resistive and biomass wood pellet boiler (gCO₂e/kWh)

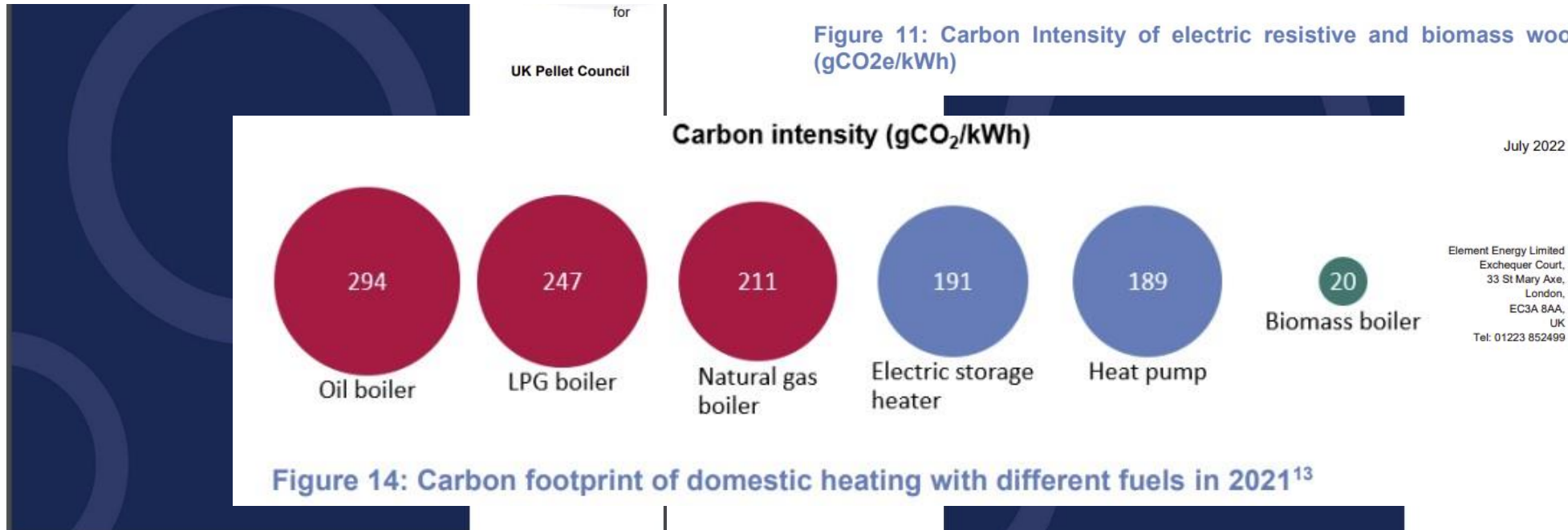


Figure 14: Carbon footprint of domestic heating with different fuels in 2021¹³



ENplus® is the world-leading certification scheme for wood pellet quality. The scheme's trademark is widely recognized and trusted by producers, traders, service providers, and pellet consumers alike.

- The certification scheme guarantees **high quality** along the **entire supply chain**, from pellet production to the delivery. Its stringent fuel requirements go beyond the international standard ISO 17225-2.
- ENplus® operates as a **third-party certification scheme**. The conformity assessment is run by external Certification Bodies, accredited and listed by ENplus®, but performing their duties in complete independence.
- ENplus® is managed by the **European Pellet Council (EPC)**, the voice of the European pellet sector and a part of Bioenergy Europe.

1250

Certified Companies

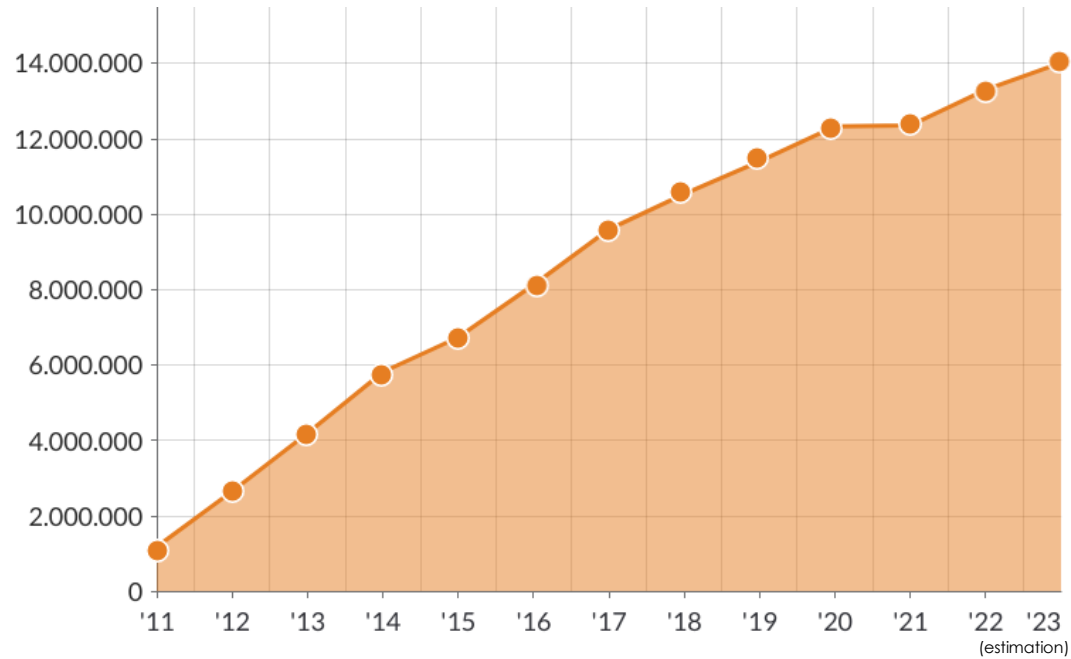
14 million

Estimated Production in 2023
(in tonnes)

1010

Fraud cases solved

Worldwide ENplus® certified production (from 2011 to 2023, tonnes)



source: ENplus®



The world-leading wood pellet certification.

**ENplus® country
coverage:
50 countries in
2023**



The world-leading wood pellet certification.



source: ENplus®

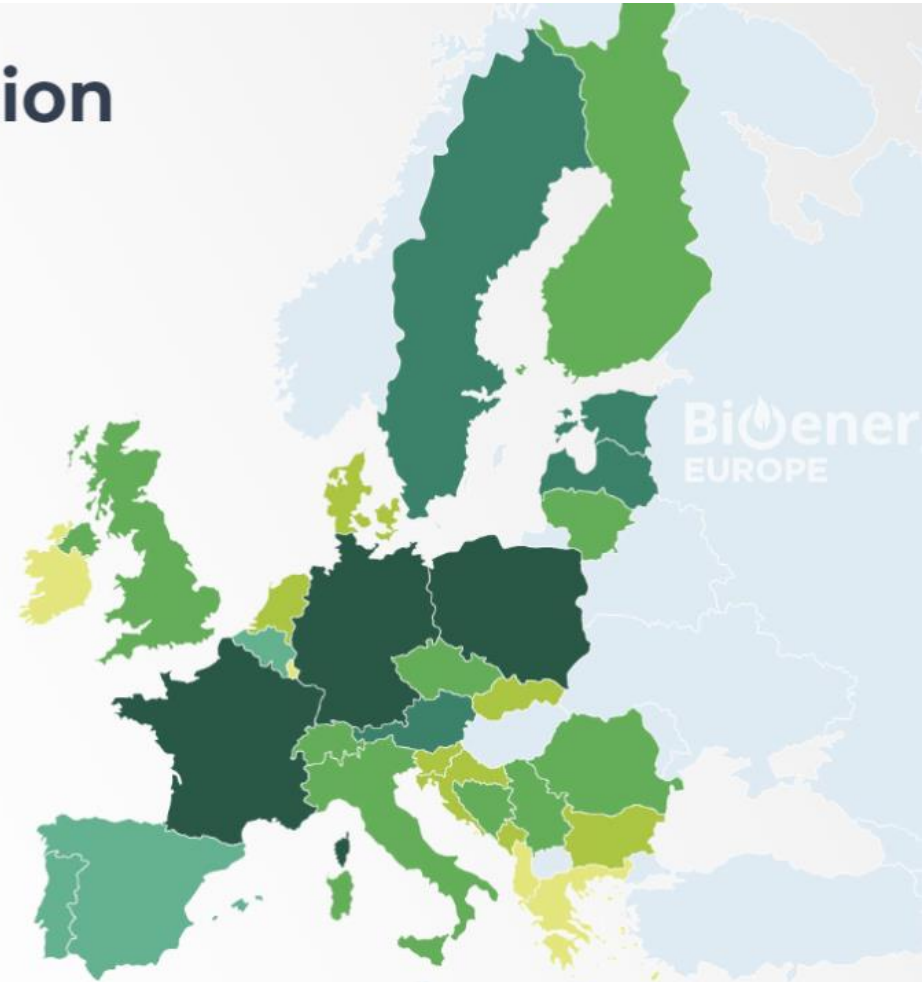
European Wood Pellet Production

(in 2022, tonnes, %) Source: EPC Survey 2023

Actual Production (tonnes/year)



Production in top 5 European countries in 2022



Annual growth (%)
2021-2022



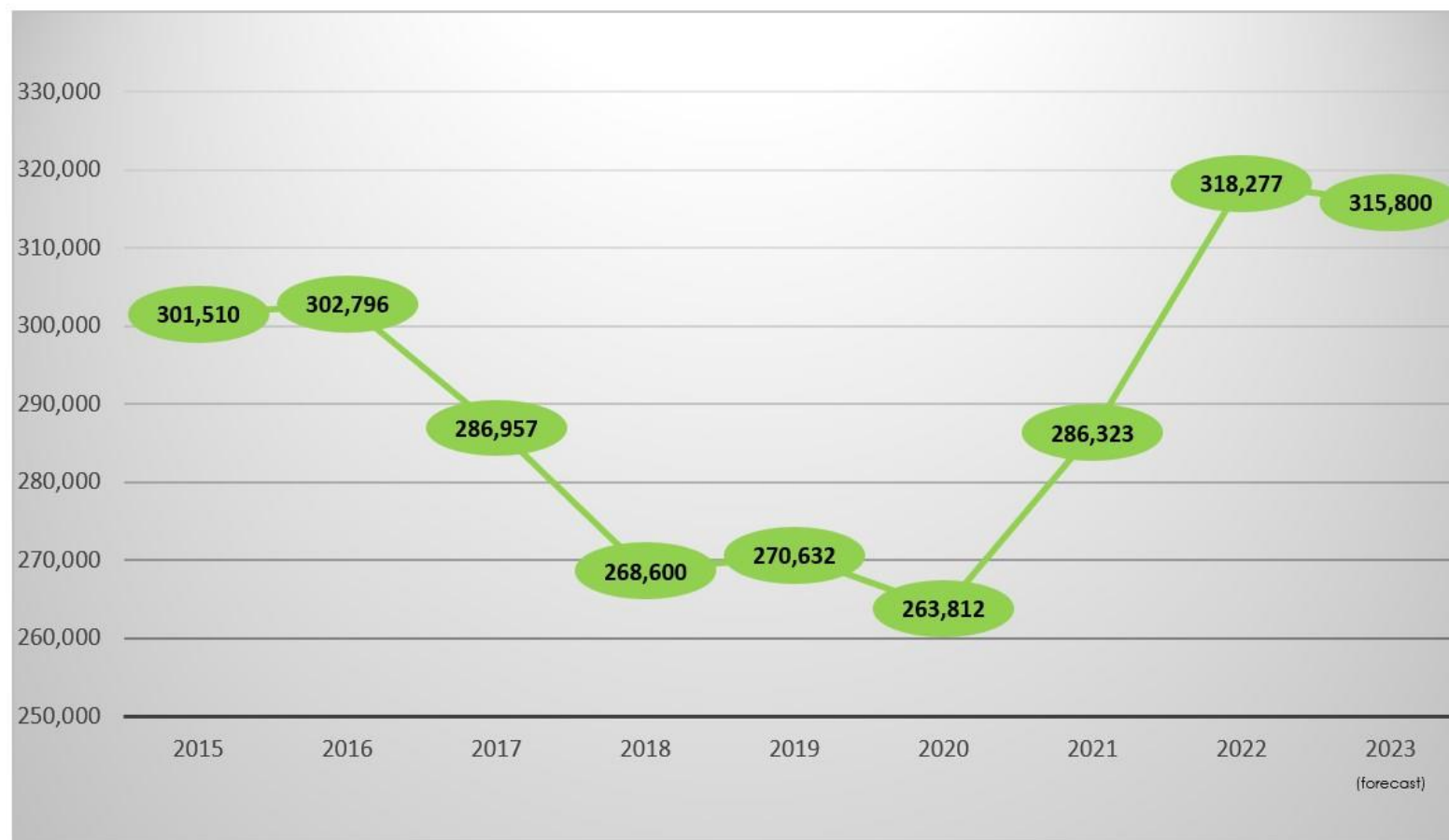
BIOENERGY EUROPE
STATISTICAL
REPORT
2023



EUROPEAN PELLET
COUNCIL
A NETWORK OF
BIOENERGY EUROPE

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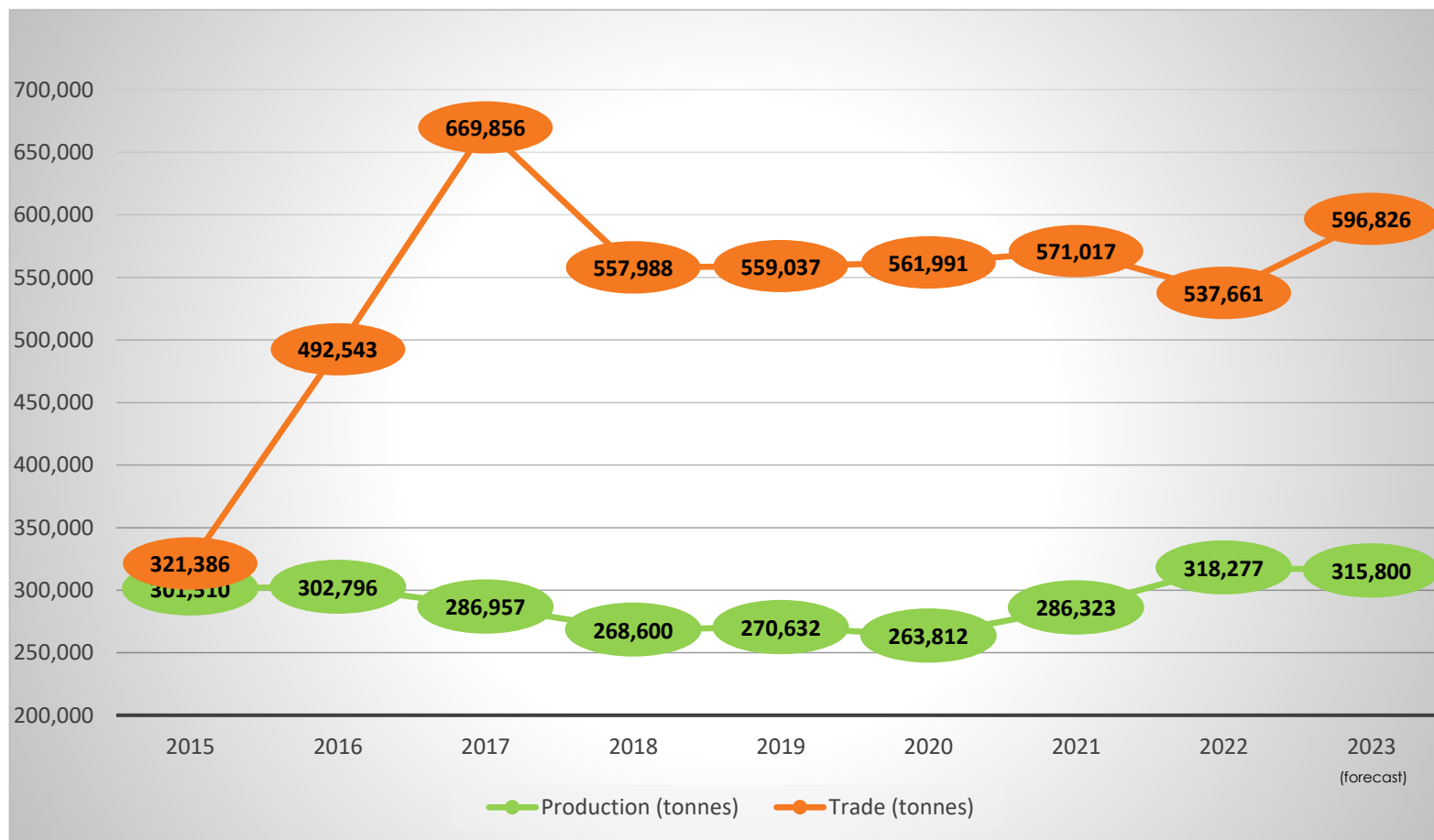
Volumes of ENplus® certified pellets produced in the UK (2015 - 2023, tonnes)



The world-leading wood pellet certification.

Volumes of ENplus® certified pellets produced & traded in the UK

(2015 - 2023, tonnes)



The world-leading wood pellet certification.

THE ENplus® SCHEME REVISION

- Generally changes apply as of 1st January 2024, but new applicants or companies who choose to do so, can apply the new rules as of 1st January 2023 (although some changes, such as serial number on small bags, do not apply until 1st January 2025);
- The structure of the ENplus documentation has been comprehensively revised, with distinct standards (ST) and procedural (PD) documents.

KEY CHANGES FOR ENplus® CERTIFIED COMPANIES

- **Scope** - ENplus® requirements now focus only on pellet quality and excludes aspects related to sustainability and GHG calculations;
- **Chain of custody requirements** - Certified companies must also establish and maintain a mass balance account for production/procurement and all sales transactions of all pellets;
- **Inspections** - One additional unannounced annual test has been introduced for certified producers, as well as traders and service providers with bagging activities;
- **Pellet Properties** - Certified pellets will now also be analysed for particle density, coarse fines, and share of pellets below 10mm (but no threshold values set);
- **Transport vehicles for small-scale delivery** - Any transport vehicles used for small-scale deliveries will need to demonstrate that the technology has been approved by the ENplus® scheme.

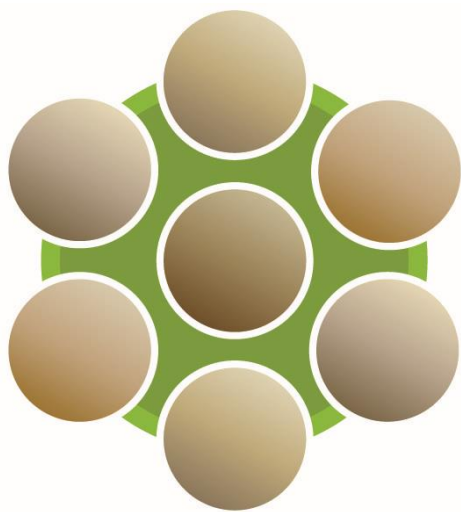
KEY CHANGES FOR ENplus® CONFORMITY ASSESSMENT BODIES

- **Certification Bodies** – CB's will have complete responsibility for the certification process. They can do this using internal resources only or by subcontracting external resource. Certified companies will no longer be required to contract an inspection and testing body as well as the CB.
- **Accreditation** - ENplus® ST 1002 requires the scope of the CB's accreditation to include ISO/IEC 17065 as well as having ENplus® specific accreditation.

To Conclude

- **UK ENplus certified companies responded rapidly** to the potential pellet shortages due to Russia's invasion of Ukraine – increased production and sourced from new regions;
- **Revised ENplus scheme is currently bedding in**, but is generally simpler to operate for ENplus companies, and opening up the scheme to allow multiple ENplus Certification Bodies to operate in any country should lead to increased competition and raised standards;
- The small difference in the traded volume of ENplus pellets even during the BSL ENplus suspension shows **how valued the ENplus scheme is**;
- **Sustained long-term support for the biomass industry from the UK government** would enable UK pellet production to increase, reducing the need for imports, and increasing energy security.

Thank you



UK PELLET COUNCIL



We are the world-leading
certification scheme for
wood pellets

