## **Benefitting from the CVES and Enhanced ETS**

Scenario No.	Existing Vehicle <sup>1,2</sup>	Replacement Vehicle <sup>1,2</sup> (Euro 6 or equivalent)
1	Euro 2³ Diesel⁵ LGV	Band A/B LGV or HGV
2	Euro 4 <sup>4</sup> Diesel <sup>5</sup> HGV	Band A/B LGV or HGV with Tailpipe
2		Emissions
3	Euro 4 <sup>4</sup> Diesel <sup>5</sup> HGV	HGV without Tailpipe Emissions

<sup>&</sup>lt;sup>1</sup> LGV refers to Cat C vehicles with MLW not exceeding 3,500 kg.

<sup>&</sup>lt;sup>2</sup> HGV refers to Cat C vehicles with MLW exceeding 3,500 kg.

<sup>&</sup>lt;sup>3</sup> Euro 2 or equivalent standard, or with first registration date (FRD) between 1 Jan 2001 and 30 Sep 2006 inclusive.

<sup>&</sup>lt;sup>4</sup> Euro 4 or equivalent standard, or with FRD between 1 Oct 2006 and 31 Dec 2013 inclusive.

<sup>&</sup>lt;sup>5</sup> Diesel, diesel-CNG or diesel-electric.

#### Scenario 1

# Existing Vehicle: Euro 2 Diesel LGV

- Meets Euro 2 or equivalent emission standards OR FRD between 1 Jan 2001 and 30 Sep 2006 inclusive; AND
- Is classified as an LGV; AND
- Has a Cat C COE; AND
- Propelled by diesel, diesel-CNG or diesel-electric; AND
- Deregistered between 1 Apr 2021 and 31 Mar 2023 inclusive.



# Replacement Vehicle: Band A/B LGV or HGV

- Meets Euro 6 or equivalent emission standards; AND
- Registered within 1 month from the date of deregistration of the existing vehicle; AND
- Has a Cat C COE; AND
- Is classified as a Band A/B LGV or an HGV.

#### **Assumptions**

Existing Vehicle		Replacement Vehicle		
•	QP paid: \$8,000	•	PQP for Category C: \$30,000	
•	FRD: 1 Sep 2004	•	Registration Date: 1 Sep 2021	
•	10-year COE Expiry Date: 31 Aug 2024			
•	Reaches 20 years old on: 31 Aug 2024			
•	Deregistration Date: 31 Aug 2021			
Existing vehicle at point of deregistration:				
	Remaining unused COE period = 1 Sep 2021 to 31 Aug 2024 = 3 years			

#### Calculating the Total Incentives

Remaining statutory lifespan = 1 Sep 2021 to 31 Aug 2024 = 3 years

In this scenario, the vehicle owner would qualify for the **45%** ETS incentive since they are turning over their **Euro 2 LGV** to a **Band A/B LGV** under CVES or an **HGV**.

- Discounted PQP payable for replacement vehicle at registration:
  - =  $\$30,000/10 \times [10 3 (45\% \times 3)]$  **OR**  $\$30,000 \times 10\%$ ; whichever is higher
  - = \$16,950
- Value of the 10-year COE of the replacement vehicle after registration:
  - = Discounted PQP paid at registration of replacement vehicle + COE rebate of existing vehicle at deregistration
  - $= $16,950 + (3/10) \times $8,000$
  - = \$19,350
- The vehicle owner would also qualify for an additional incentive of \$30,000 or \$10,000 under the CVES for purchasing a Band A or B LGV. There is no CVES incentive for the purchase of an HGV

#### Scenario 2

### Existing Vehicle: Euro 4 Diesel HGV

- Meets Euro 4 or equivalent emission standards OR FRD between 1 Oct 2006 and 31 Dec 2013 inclusive; AND
- Is classified as an HGV; AND
- Has a Cat C COE; AND
- Propelled by diesel, diesel-CNG or diesel-electric; AND
- Deregistered between 1 Apr 2021 and 31 Mar 2023 inclusive.



## Replacement Vehicle: Band A/B LGV or HGV with tailpipe emissions

- Meets Euro 6 or equivalent emission standards; AND
- Registered within 1 month from the date of deregistration of the existing vehicle; AND
- Has a Cat C COE; AND
- Is classified as a Band A/B LGV or an HGV with tailpipe emissions.

### **Assumptions**

Existing Vehicle	Replacement Vehicle		
• QP paid: \$13,000	PQP for Category C: \$30,000		
• FRD: 1 Sep 2008	Registration Date: 1 Sep 2022		
10-year COE Expiry Date: 31 Aug 2028			
Reaches 20 years old on: 31 Aug 2028			
Deregistration Date: 31 Aug 2022			
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#### **Existing vehicle at point of deregistration:**

Remaining unused COE period = 1 Sep 2022 to 31 Aug 2028 = 6 years Remaining statutory lifespan = 1 Sep 2022 to 31 Aug 2028 = 6 years

### Calculating the Total Incentives

In this scenario, the vehicle owner would qualify for the 40% ETS incentive since they are turning over their Euro 4 HGV to a Band A/B LGV under CVES or an HGV with tailpipe emissions.

- Discounted PQP payable for replacement vehicle at registration:
  - =  $\$30,000/10 \times [10 6 (40\% \times 6)]$  **OR**  $\$30,000 \times 10\%$ ; whichever is higher
  - = \$4,800
- Value of the 10-year COE of the replacement vehicle after registration:
  - = Discounted PQP paid at registration of replacement vehicle + COE rebate of existing vehicle at deregistration
  - $= $4,800 + (6/10) \times $13,000$
  - = \$12,600

•	The vehicle owner would also qualify for an additional incentive of \$30,000 or \$10,000 under the CVES for purchasing a Band A or B LGV. There is no CVES incentive for the purchase of an HGV.

#### Scenario 3

# Existing Vehicle: Euro 4 Diesel HGV

- Meets Euro 4 or equivalent emission standards OR FRD between 1 Oct 2006 and 31 Dec 2013 inclusive; AND
- Is classified as an HGV; AND
- Has a Cat C COE; AND
- Propelled by diesel, diesel-CNG or diesel-electric; AND
- Deregistered between 1 Apr 2021 and 31 Mar 2023 inclusive.



# Replacement Vehicle: HGV without tailpipe emissions

- Meets Euro 6 or equivalent emission standards; AND
- Registered within 1 month from the date of deregistration of the existing vehicle; AND
- Has a Cat C COE; AND
- Is classified as an HGV without tailpipe emissions.

### **Assumptions**

Existing Vehicle	Replacement Vehicle			
• QP paid: \$13,000	PQP for Category C: \$30,000			
• FRD: 1 Sep 2008	Registration Date: 1 Sep 2022			
10-year COE Expiry Date: 31 Aug 2028				
Reaches 20 years old on: 31 Aug 2028				
Deregistration Date: 31 Aug 2022				
Existing vehicle at point of deregistration:				
Remaining unused COE period = 1 Sep 2022 to 31 Aug 2028 = 6 years				
Remaining statutory lifespan = 1 Sep 2022 to 31 Aug 2028 = 6 years				

#### **Calculating the Total Incentives**

In this scenario, the vehicle owner would qualify for the **80%** ETS incentive since they are turning over their **Euro 4 HGV** to an **HGV without tailpipe emissions**.

- Discounted PQP payable for replacement vehicle at registration:
  - =  $\$30,000/10 \times [10 6 (80\% \times 6)]$  **OR**  $\$30,000 \times 10\%$ ; whichever is higher
  - = \$3,000
- Value of the 10-year COE of the replacement vehicle after registration:
  - = Discounted PQP paid at registration of replacement vehicle + COE rebate of existing vehicle at deregistration
  - $= $3,000 + (6/10) \times $13,000$
  - = \$10,800
- There is no CVES incentive for the purchase of an HGV.