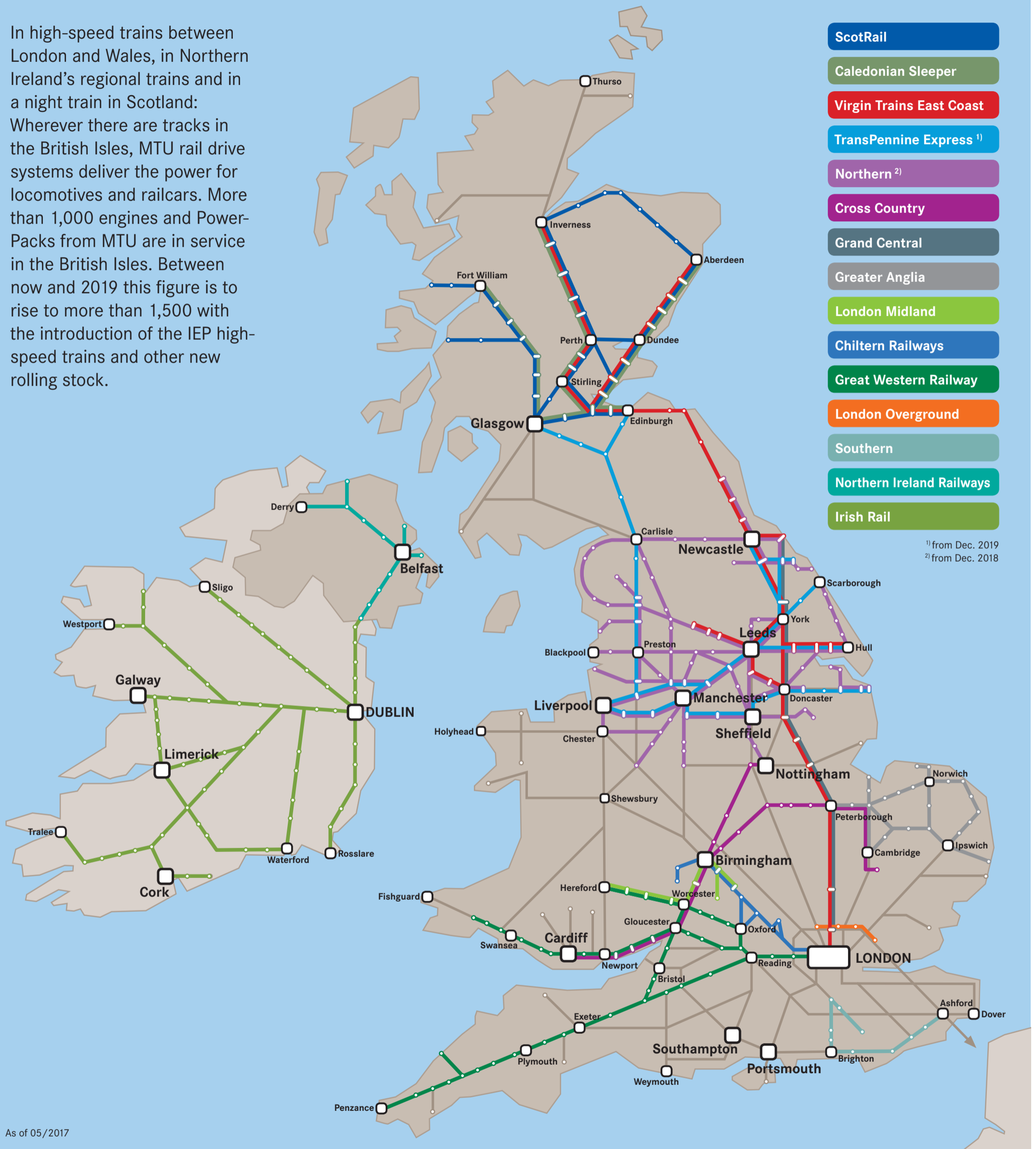


# MTU Rail Power for the British Isles

In high-speed trains between London and Wales, in Northern Ireland's regional trains and in a night train in Scotland: Wherever there are tracks in the British Isles, MTU rail drive systems deliver the power for locomotives and railcars. More than 1,000 engines and PowerPacks from MTU are in service in the British Isles. Between now and 2019 this figure is to rise to more than 1,500 with the introduction of the IEP high-speed trains and other new rolling stock.



As of 05/2017

MTU offers manufacturers and operators of rail vehicles innovative and proven drive, automation and service solutions. The MTU rail portfolio includes engines for locomotives with up to 3,300 kW and PowerPacks with up to 700 kW.

[www.mtu-online.com](http://www.mtu-online.com)



Power. Passion. Partnership.

# MTU Rail Power for the British Isles

## British Rail Class 168/170/171/172 Turbostar



**MTU 6R 183 TD PowerPack**  
Rated power: 315 kW



Class: 168/170/171

**MTU 6H 1800 R83 PowerPack**  
Rated power: 360 kW



Class: 172

Lines/Operators:

- Scotrail
- Cross Country
- Greater Anglia
- London Midland
- Chiltern Railways
- London Overground
- Southern

Picture: MTU

## British Rail Class 43/High Speed Train



**MTU 16V 4000 R41**  
Rated power: 1,680 kW



Lines/Operators:

- Virgin Trains East Coast
- Grand Central
- Great Western Railway
- Cross Country

Picture: MTU

## British Rail Class 73



**MTU 8V 4000 R43L**  
Rated power: 1,200 kW



Lines/Operators:

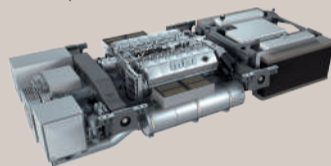
- Caledonian Sleeper

Picture: Bob Avery

## British Rail Class 800/801



**MTU 12V 1600 R80L PowerPack**  
Rated power: 560/700 kW



Lines/Operators:

- Virgin Trains East Coast <sup>1)</sup>
- Great Western Railway <sup>2)</sup>

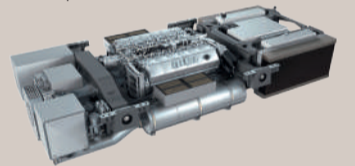
<sup>1)</sup> from the beginning of 2018  
<sup>2)</sup> from autumn 2017

Picture: Hitachi Rail Europe

## British Rail Class 802/AT300



**MTU 12V 1600 R80L PowerPack**  
Rated power: 700 kW



Lines/Operators:

- TransPennine Express <sup>3)</sup>
- Great Western Railway <sup>4)</sup>

<sup>3)</sup> from Dec. 2019 <sup>4)</sup> from 2018

Picture: Hitachi Rail Europe

## NIR Class 4000



**MTU 6H 1800 R84 PowerPack**  
Rated power: 390 kW



Lines/Operators:

- Northern Ireland Railways

Picture: Morgan Young

## British Rail Class 195



**MTU 6H 1800 R85L PowerPack**  
Rated power: 390 kW



Lines/Operators:

- Northern <sup>5)</sup>

<sup>5)</sup> from Dec. 2018

Picture: CAF

## IE Class 22000



**MTU 6H 1800 R83 PowerPack**  
Rated power: 360 kW



Lines/Operators:

- Irish Rail

Picture: MTU



Power. Passion. Partnership.