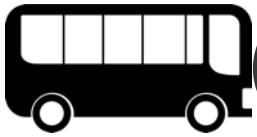


Driving a greener future

Tom Greenshields





1946

- Founded by Robert Wright & his son William Wright
- 77 years of engineering heritage

1960's

- Evolved into a substantial commercial bodybuilder employing over 50 people

1970's

- Developed an innovative Aluminium structural bodywork system that is still recognised today as the most durable and cost-effective solution



2010

- First hydrogen FCEVs delivered to TfL

2006

- Launched the World's First hybrid-electric double deck bus for the London market



1990's

- Launched the Wright Handybus, the first low-floor public service bus - a major breakthrough in the UK bus industry
- Developed the first electric bus in 1998

2002

- Launched our first hybrid-electric single deck bus

2012

- En-Drive, the dedicated chassis manufacturing division was established
- New Routemaster vehicle launched in London



2019

- Jo Bamford acquires the business after 73 years of Wright family ownership

2016

- Factory in Malaysia commences production to serve the APAC market
- Launched the world's first double deck FCEV



2018

- Relocated to a new 90-acre HQ to consolidate all business operations

2021-2023

- Launched our range of next-generation battery electric and hydrogen fuel cell buses



WRIGHT

Bamford Group of Companies

Turnkey Solutions

Bamford Group of Companies



All Service One (the dedicated aftermarket support arm of Wrightbus) are global leaders in intelligent fleet management, providing a one-stop shop for fleet service and support solutions across all makes, models and technologies support by UPTIME 365 AI telematics



FUZE finance solutions for decarbonisation of public transport offering disruptive and innovative asset finance, management, and leasing options to make zero-emission transportation affordable and accessible to all operators.



HYCAP Our mission is to contribute to a more sustainable future by leading the transition to clean energy
The hydrogen economy has been held back by a lack of investment. HYCAP is breaking this negative cycle and will invest in the emerging green hydrogen economy



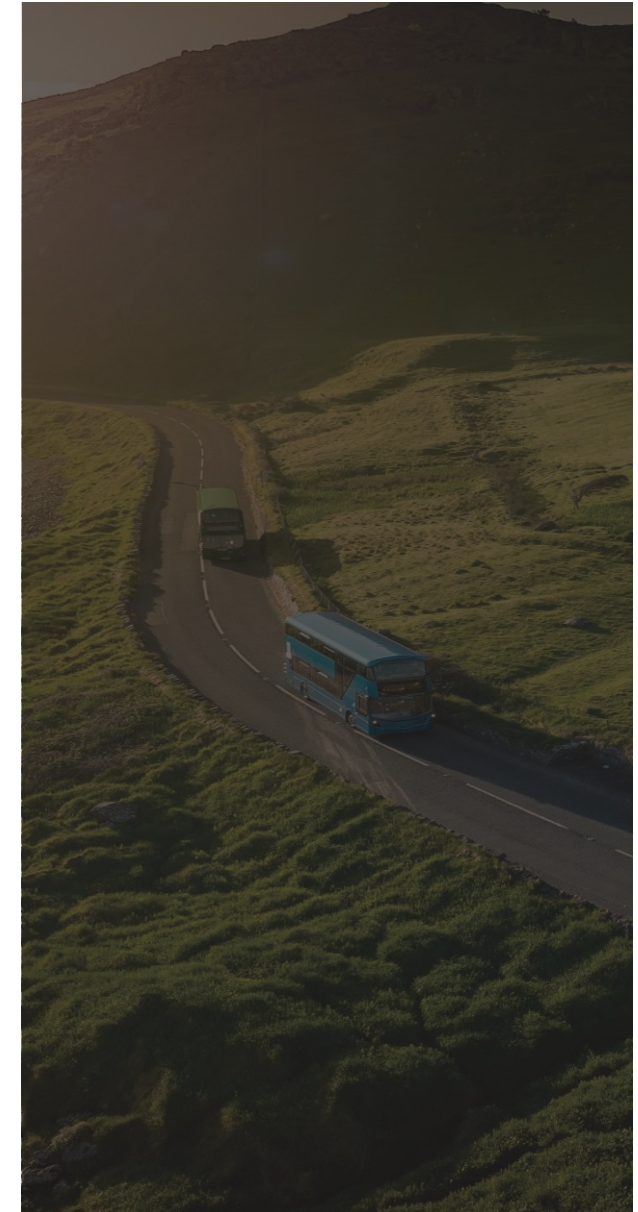
HYGEN was formed to ensure a reliable and affordable supply of low carbon hydrogen across the UK. Hydrogen in the UK is expensive. We believe that by designing systems to deliver our customer's specific energy requirements we can deliver a reliable supply of low carbon hydrogen and low-carbon electricity.



Ryze Hydrogen provides affordable hydrogen dispensing infrastructure and offers a hydrogen distribution network for buses and other heavy commercial road transport. Our goal is to completely clean all transport systems



Wrightbus have delivered over 23,000 buses globally. The only British-owned UK bus manufacturer. Wrightbus are the global leader in the manufacture of hydrogen buses, and recently launched the world's most-efficient double deck electric bus

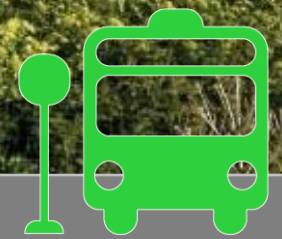




Planning & Infrastructure



Fuel



Bus



Aftercare



Finance



Product Range



StreetDeck

Double Deck Product Range



StreetDeck Electroliner BEV

The world's most efficient double deck electric bus

Launched in 2021, the StreetDeck Electroliner features next-generation BEV technology delivering best-in-class range and rapid charge time and is available with a 340kWh or 454kWh battery pack



StreetDeck Hydroliner FCEV

The world's first double deck hydrogen fuel cell electric bus

Launched in 2021, and developed as part of the Joint Initiative for Hydrogen Vehicles in Europe (JIVE), the StreetDeck Hydroliner is equipped with a Ballard fuel cell and capable of a range of up to 300 miles



StreetDeck Ultroliner Euro VI

The cleanest and most-efficient diesel technology in its class

Launched in 2014, and with over 1000 vehicles in service across the UK and Ireland, the StreetDeck Ultroliner features the highly-efficient Daimler OM934 power unit and micro-hybrid technology



GB Kite

Single Deck Product Range



GB Kite Electroliner BEV

Following in the footsteps of the world's most efficient DD electric bus

The GB Kite Electroliner will launch in 2022, with the same next-generation technology as the world's most efficient double deck electric bus available with a 340kWh, 454kWh or 555kWh battery



GB Kite Hydroliner FCEV

Next-generation zero-emission fuel cell technology

Launched in 2022, the GB Kite Hydroliner is the ideal solution for heavy-duty long-distance zero-emission transport, with next-generation FCEV technology, rapid refuelling and a range of up to 640 miles



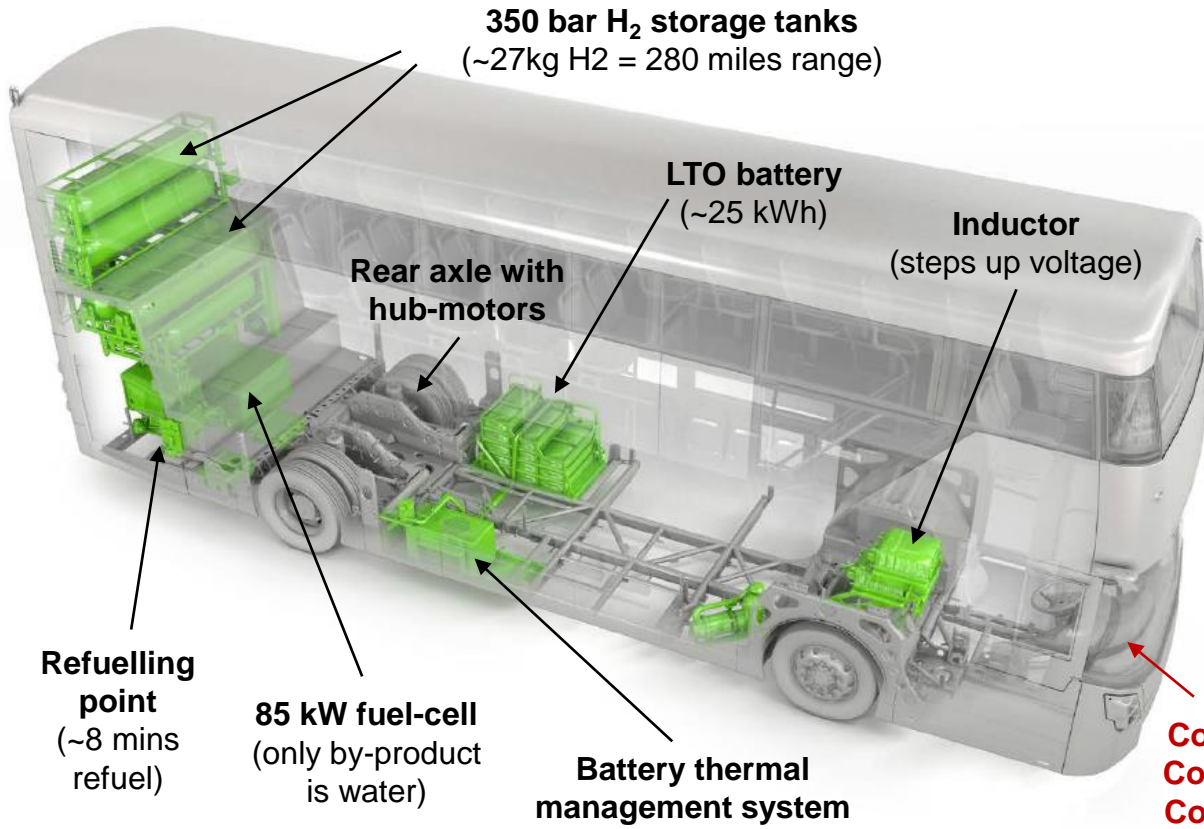
GB Kite Ultroliner Euro VI

The cleanest and most-efficient diesel technology in its class

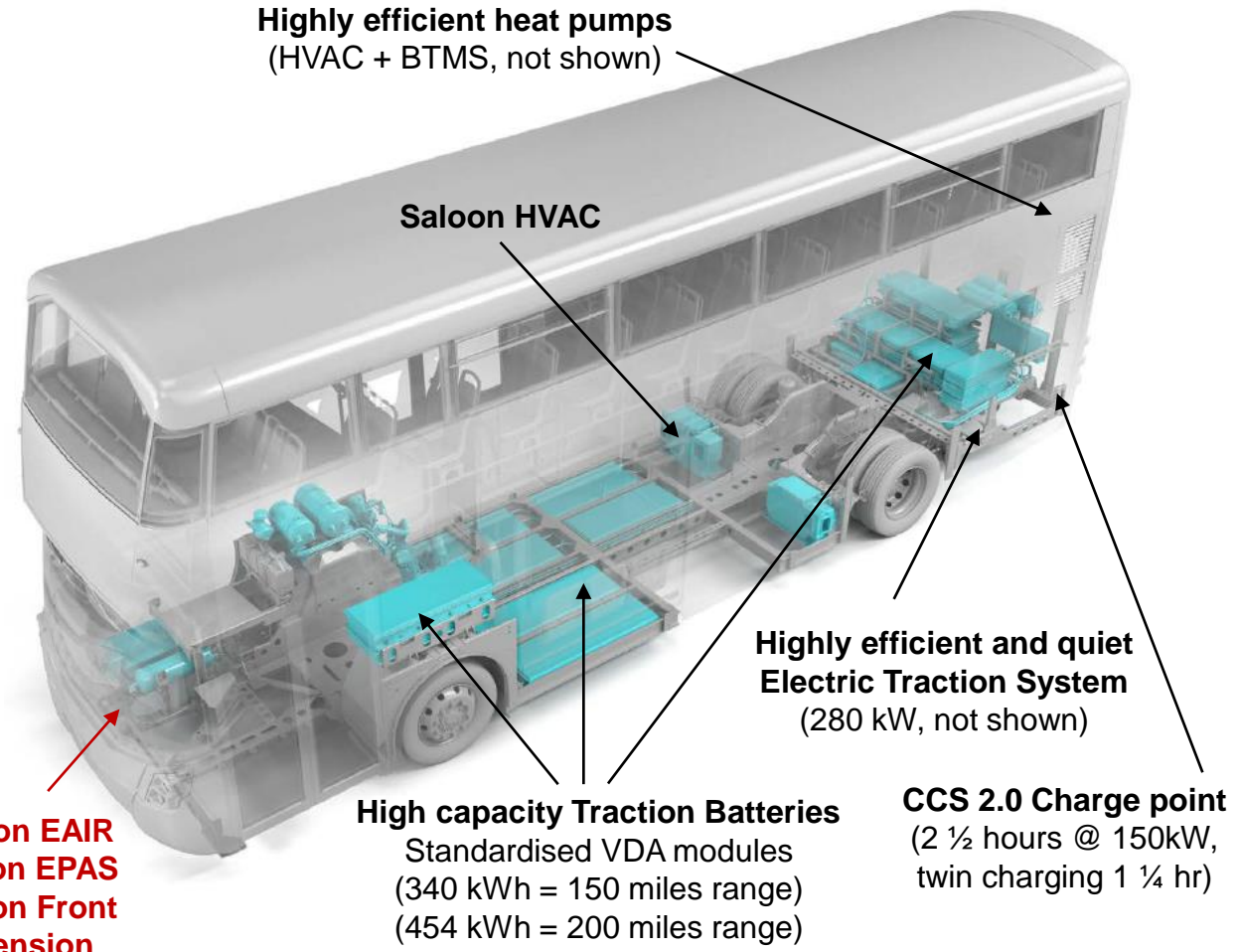
Launched in 2020, the GB Kite Ultroliner features the same highly-efficient Daimler OM934 power unit and micro-hybrid technology as the StreetDeck Ultroliner product



Hydrogen Fuel-Cell

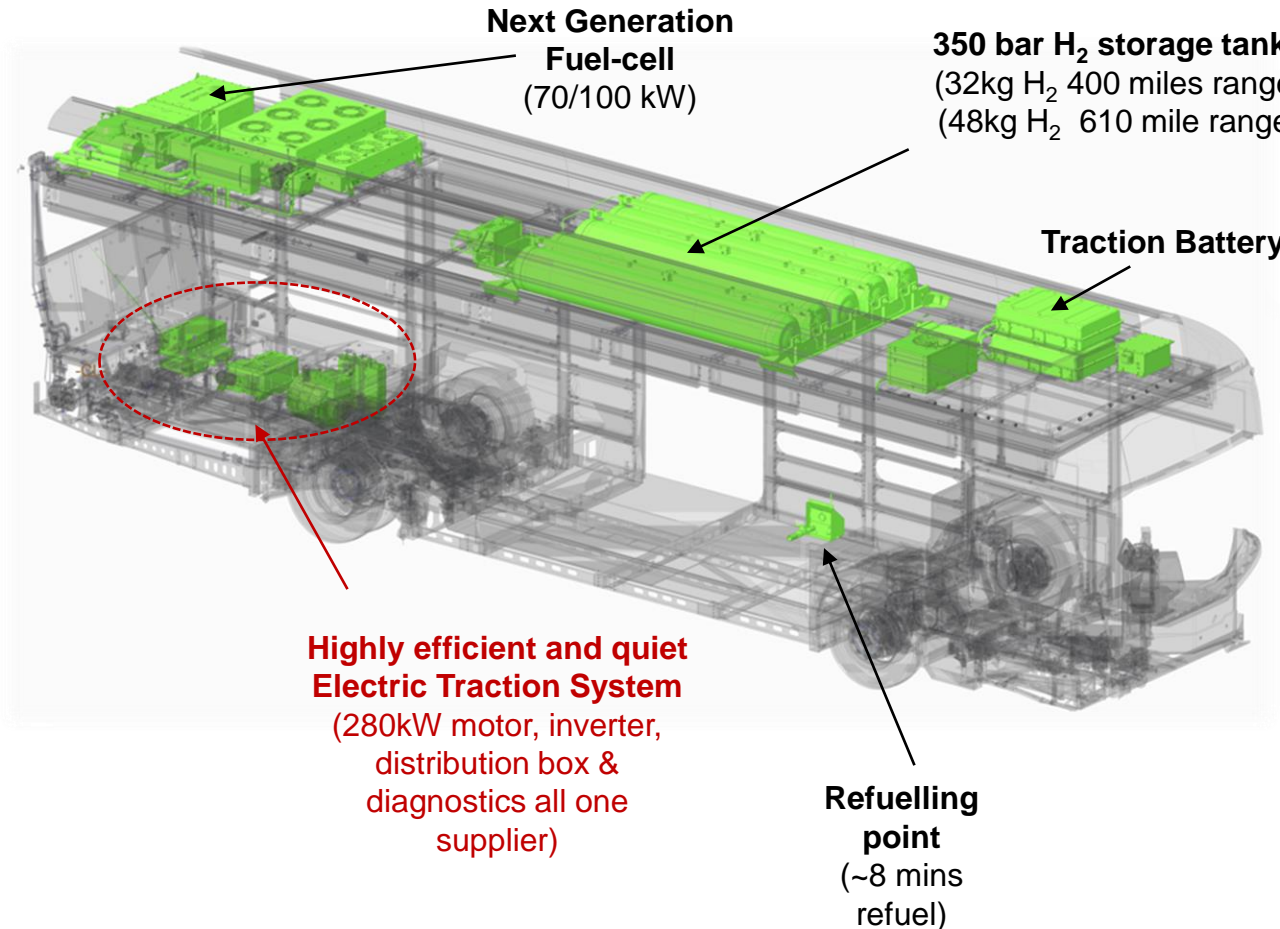


Common EAIR
Common EPAS
Common Front Suspension



Battery-Electric

Hydrogen Fuel-Cell

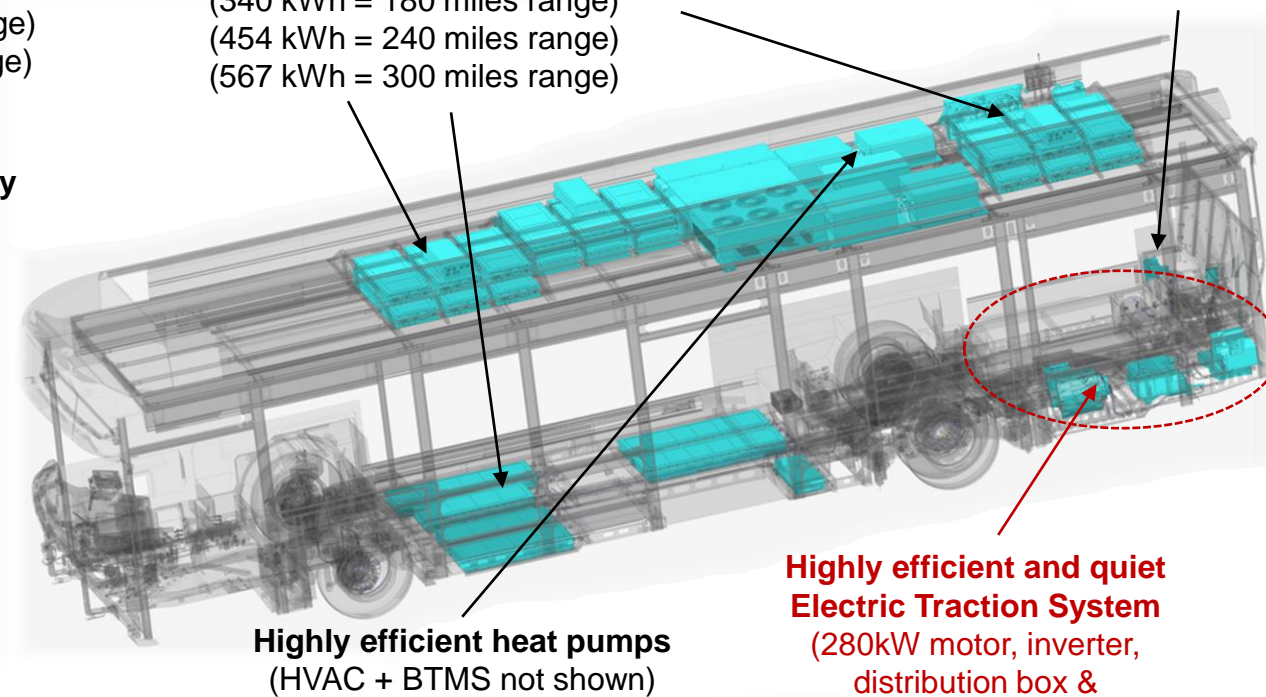


High capacity Traction Batteries

Standardised VDA modules
(340 kWh = 180 miles range)
(454 kWh = 240 miles range)
(567 kWh = 300 miles range)

CCS 2.0 Charge point

(2 ½ hours @ 150kW,
twin charging 1 ¼ hr)



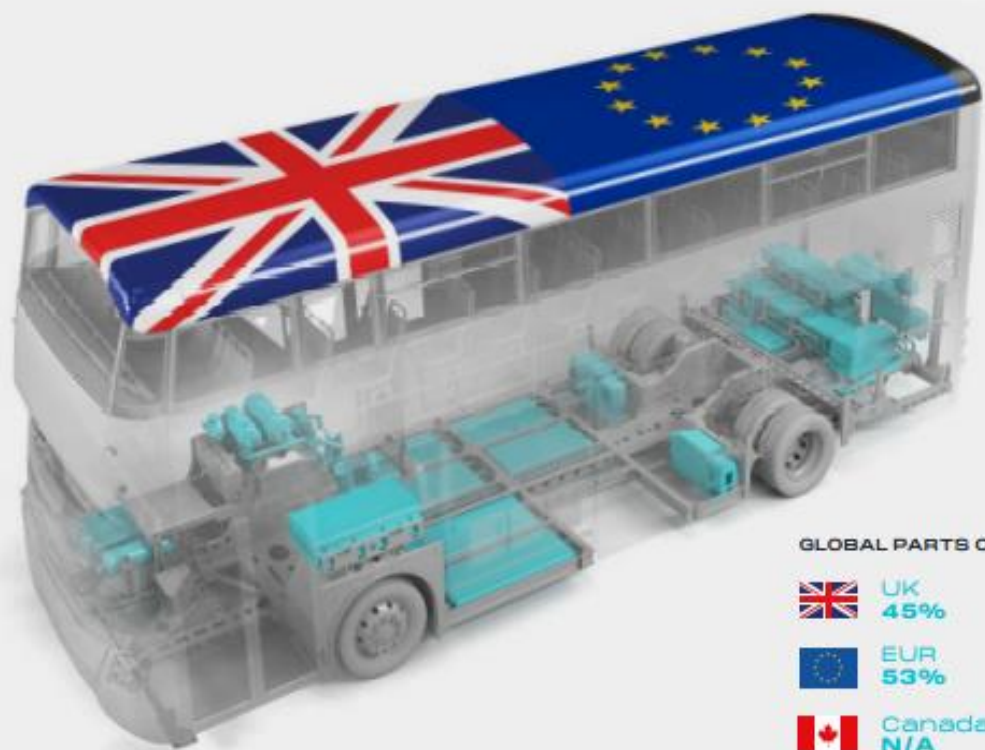
Battery-Electric

Our buses may travel thousands of miles, but our parts don't.

Wrightbus sourcing strategy ensures we buy the best and buy 'local' as much as possible to reduce our manufacturing carbon footprint. Transformation of the transport industry to zero-emissions is also

creating job opportunities in UK and EU across our supply chain network. Green jobs and green parts are an essential part of delivering a zero-emission business.

ELECTROLINER



GLOBAL PARTS ORIGIN

	UK 45%
	EUR 53%
	Canada N/A
	Other 2%

HYDROLINER



GLOBAL PARTS ORIGIN

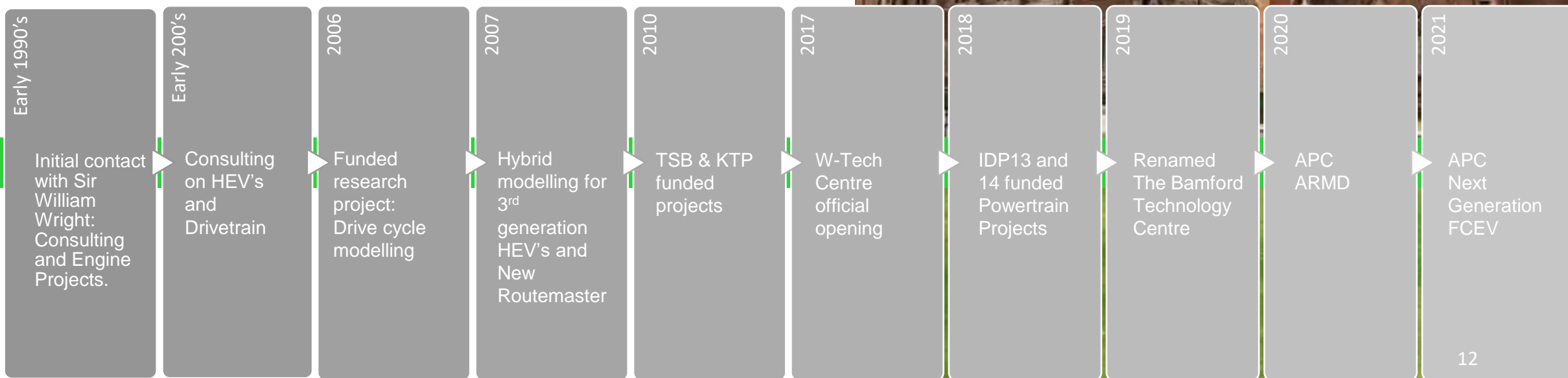
	UK 47%
	EUR 28%
	Canada 23%
	Other 2%

Queens University Belfast

Bamford Technology Centre



QUEEN'S
UNIVERSITY
BELFAST





WRIGHT

Business Growth



Business Growth

PRODUCTION OUTPUT

2021 : 274 vehicles
2022 : 458 vehicles
2023 : 650 vehicles

ZERO-EMISSION OUTPUT %

2021 : 30% zero-emission
2022 : 50% zero-emission
2023 : >80% zero-emission

EMPLOYEE COUNT

2021 : 271 employees
2022 : 656 employees
2023 : >1,000 employees





Business Credentials & USPs





Metallix & Paint
134,000m²
WRIGHT

Chassis Assembly
10,500m²

Business Credentials

Support 365
4,300m²

Composites
3,800m²

Final Assembly
27,000m²

Only fully UK-owned
UK bus manufacturer

World's first double
deck hydrogen fuel cell
bus

World's most efficient
double deck electric
bus

Only UK bus
manufacturer with the
complete core product
range

>250% production
growth since 2021
>1,000 employees

Strong order book
First Group, Arriva,
Abellio, Metrolink,
Translink, Go-Ahead...

ZEB Production
2021 : 30%
2022 : 50%
2023 : >80%

Strong academic link
through Wrightbus
Technology Centre @
QUB Belfast



Thank You

