

FY18 Results Presentation



CONTACT

AB Dynamics PLC Middleton Drive Bradford on Avon Wiltshire

BA15 1GB England

Email: info@abdynamics.com Tel: +44 (0)1225 860 200 Tony Best Chairman

James Routh Chief Executive Officer

Rob Hart Chief Financial Officer

Mat Hubbard Chief Operating Officer



CEO Appointment – Dr James Routh



- Proven track record of growing international, engineering based businesses in a FTSE 250 environment
- Broad-based experience across a range of sectors including aerospace, defence and industrials
- Chartered Mechanical Engineer and PhD in Engineering
- Wide experience of acquisitions and operation of international companies
- Particular strengths in R&D, product development, operational improvement and commercial development

Anthony Best returns to role of Non-Executive Chairman



Financial highlights

- Revenues increased 51% to £37.05m (FY17: £24.57m)
- Reported profit before tax increased 78% to £7.95m (FY17: £4.47m)
- Profit before tax, excluding share option costs, increased 45% to £8.61m (FY17: £5.94m)
- Cash flow from operations increased by £7.8m to £9.9m (FY17: £2.1m)
- Basic EPS increased 74% to 36.29p (FY17: 20.83p), Diluted EPS increased 70% to 35.03p (FY17: 20.56p)
- Proposed final dividend increased 10% to 2.20p per ordinary share (FY17: 2.00p)
- Strong balance sheet with net cash of £15.94m as at 31 August 2018 (31 August 2017: £9.62m)

Operational highlights

- James Routh appointed as CEO, with effect from 1 October 2018
- AB Dynamics Europe GmbH facility established and operational
- Received first order for Advanced Driving Simulator (aVDS) to be delivered in Q1 FY19
- First orders received for new LaunchPad ADAS target platform
- Demand for track testing products continues at an all-time high
- Strong forward order book, providing visibility into Q3 FY19

The Business



AB Dynamics design, manufacture and supply advanced products to the global automotive industry, mainly for vehicle ride, handling and safety system development and testing.

- Founded in 1982 by Anthony Best
- Listed on London based AIM stock market in May 2013
- Continuous record of steady, organic and sustainable growth
- Over 95% of sales non-UK
- Strong focus on producing high end/high quality products
- Customer base includes all major automotive OEM's, Tier 1's, and service providers

"We help our customers design vehicles with improved safety systems and vehicle driving dynamics"







Business Areas

AB Dynamics products are split into two business areas:

- Track Testing (Driving Robots and ADAS testing platforms)
 - Products predominantly used on a test track for vehicle development in the areas of:
 - Steering, braking, ride, and handling
 - ADAS system development
 - Autonomous vehicle development
- Laboratory Testing
 - Quantitative vehicle suspension characterisation (SPMM 5000)
 - Driver-in-the-loop driving simulators for testing of virtual vehicles (aVDS)
 - End of Line powertrain data capture and analysis software (PLATO)



Patented SR60 Torus steering robot



SPMM5000



Market Growth Drivers

- Global spending on automotive R&D continues to grow
- New entrants to the automotive and mobility sectors need to acquire testing capability
- Development of new increasingly complex ADAS and semi-autonomous vehicle technology demands new testing technology

"It's frightening to see how many seemingly avoidable situations result in a collision or close near miss when these vehicles are running using active cruise control. The GST allows these tests to be conducted efficiently and safely." (Andrew Pick, ABD Director, Oct` 2018)

- Full vehicle autonomy is proving to be more difficult than some industry experts suggest. More testing and new testing methodologies will be required
- Additional desire to accelerate new vehicle development with greater dependency on virtual testing and simulation to complement physical testing



Vehicle that can be controlled by ABD electronics without physical actuators



ABD's Flex-0 vehicle controller



Video – Guided Soft Target (GST)









Video – aVDS, Motorway Scenario





Growth Drivers – EuroNCAP Active Safety

European New Car Assessment Programme (EuroNCAP) is a member body that rates consumer vehicle safety and guides testing standards

2018

/ (vehicle to vehicle)

V2V features being tested:

Autonomous Emergency Braking (AEB)
Lane Support Systems

(Vulnerable Road User)

VRU features being tested:

Autonomous Emergency Braking (Pedestrians and Cyclists)

2020

V2V features being tested:

Junction Assist (turn across path) Autonomous Emergency Braking Autonomous Emergency Steering (driver initiated steering) Lane Support Systems

VRU features being tested:

Autonomous Emergency Braking Autonomous Emergency Steering (Vehicle turn at crossing)

AEB reversing vehicle over ped. AEB higher speed cyclists

2022

V2V features being tested:

Junction Assist (turn across path and crossing) Autonomous Emergency Braking Autonomous Emergency Steering (vehicle initiated steering) AEB & AES Head-on

VRU features being tested:

Lane Support Systems
Powered two wheel vehicle (PTW)
Overtaking and oncoming

AEB Junction assist (PTW)

2024+

(vehicle to everything)

V2X features being tested:

Scenario interactions with many other objects.

"Swarm testing" on both track and in the virtual world during development.

.....future testing will require more driving robots, ADAS platforms and drive-by-wire vehicle control

- Dynamics

Investment for Growth

- People
 - ABD currently has over 160 employees
 - We recruit high calibre individuals. Financially incentivised with profit related bonus scheme and share options
 - 8 apprentices currently undertaking "day release" educational activities to ensure we have technicians with suitable skills for future growth
- UK Facilities
 - Added space at our Holt site to increase ADAS platform manufacturing capability. (Doubling production from January 2019)
 - Reached planning stage for development of another 3,000m² facility adjacent to new headquarters (see following slide)



Motivated staff



An apprentice at work testing driving robots



AB Dynamics "North Site" Development





Investment for Growth



- Overseas ABD facilities
 - Provision of high quality, low latency support coupled with local knowledge is essential for future growth as vehicle testing becomes more complicated
 - Started AB Dynamics GmbH operations in Germany (see following slide). Planning transition of staff from existing Munich based representative into the ABD entity
 - Starting to move forwards with AB
 Dynamics Inc in 2019. Future manager of AB
 Dynamics Inc has been recruited, and process will be supported by existing representative
 - Investigating provision of direct support operations in **Asia** to complement/assist existing representatives



AB Dynamics Europe GmbH



- Located in Wetzlar
- 45 minute drive north of Frankfurt
- New build, leased
- Driving simulator assembly and demo facility
- Track test support facility
- Potential conduit for sales into Europe post March 2019

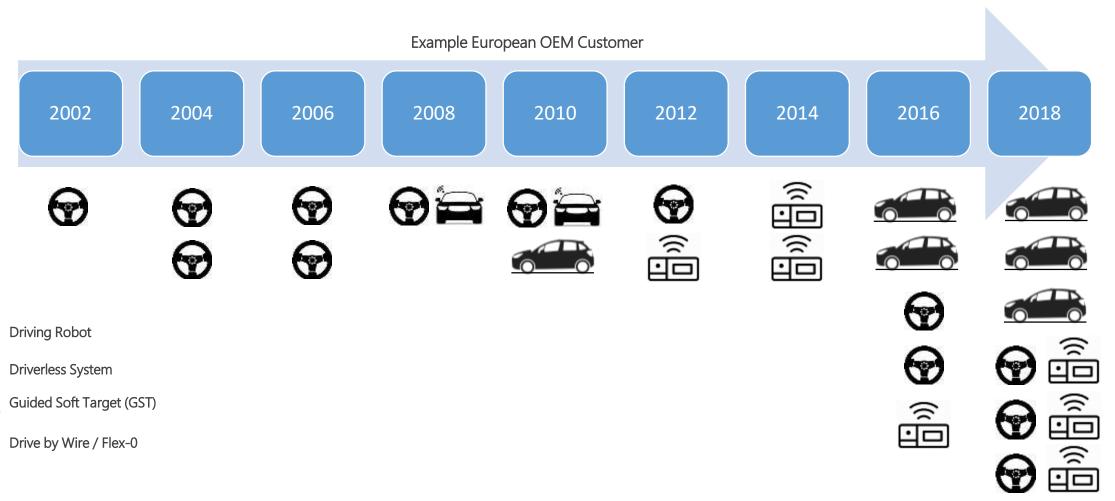


Conference room (September 2018)

External view (September 2018)



Long Term Customer Relationships



We have long term relationships with customers, and evolve our products as the requirements of customers change



FY18 Financials







Twelve months ended 31 August

	2018	2017	
Revenue	£37.05m	£24.57m	+51%
Adjusted operating profit	£8.54m	£5.87m	+45%
Adjusted operating margin	23.1%	23.9%	-80bps
Adjusted profit before tax	£8.61m	£5.94m	+45%
Cash flow from operations	£9.94m	£2.12m	+369%
Capital expenditure	£3.70m	£8.04m	
Net cash	£15.94m	£9.62m	
Earnings per share - basic	36.29p	20.83p	+74%
Earnings per share - diluted	35.03p	20.56p	+70%
Total dividend per share	3.665p	3.331p	+10%



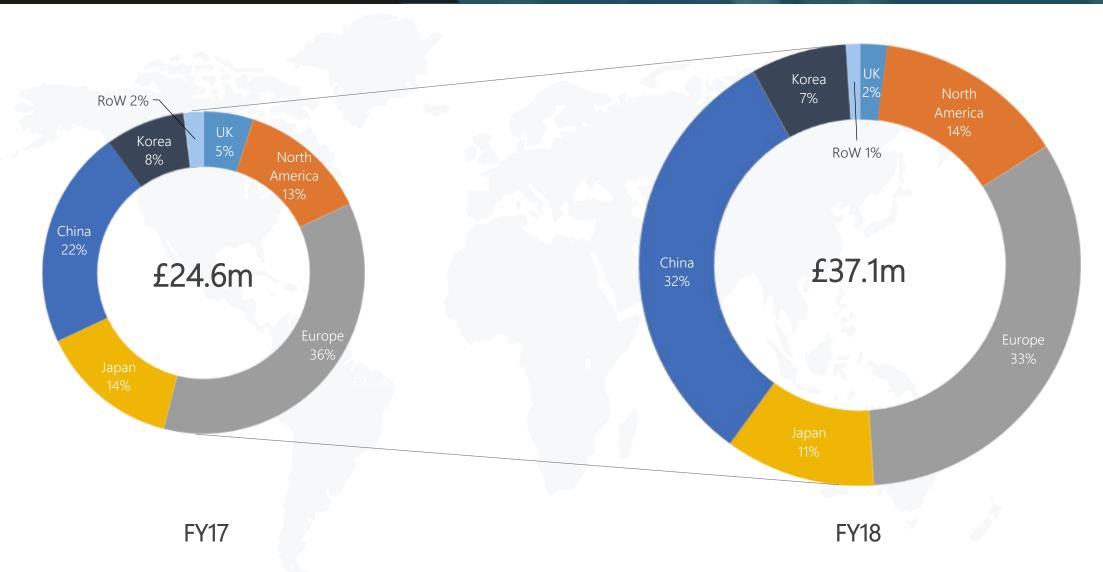


Increase of 50.8% CAGR of 27.9% since 2014



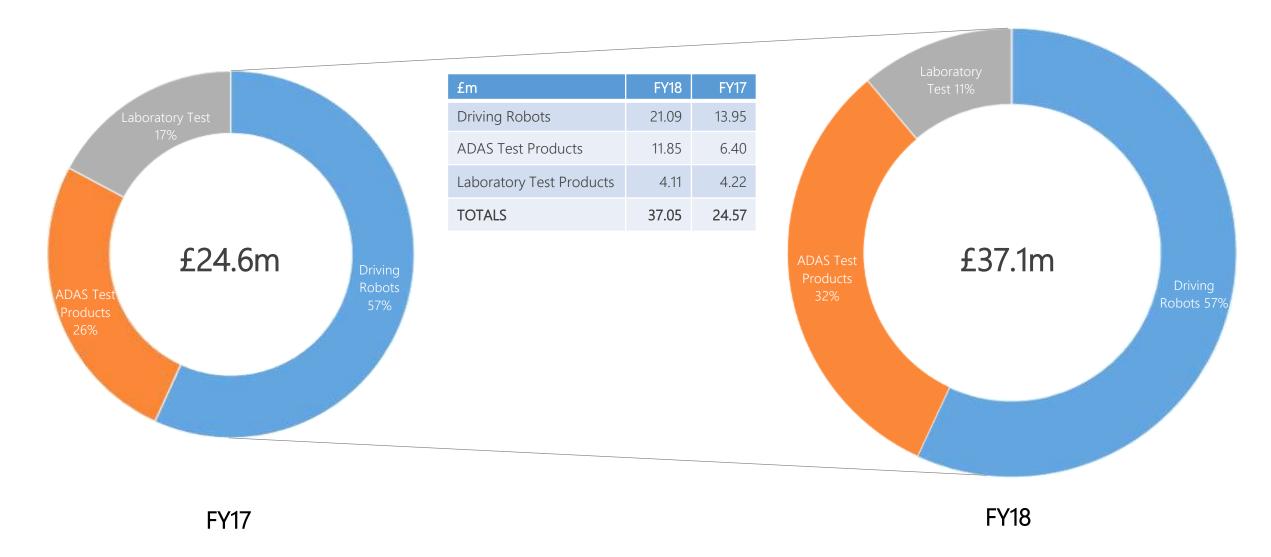


Analysis of Revenue by Geographical Area



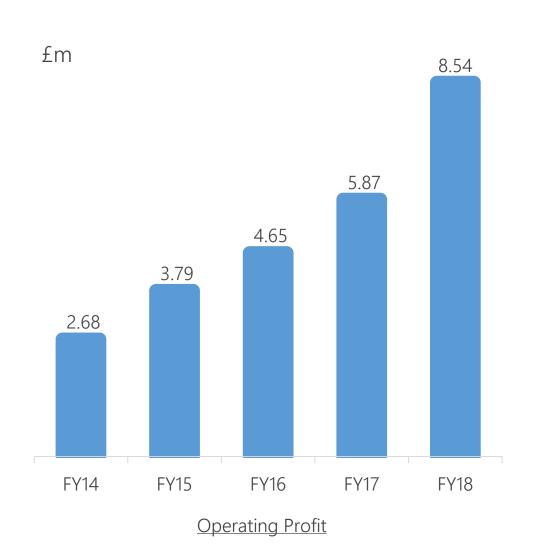


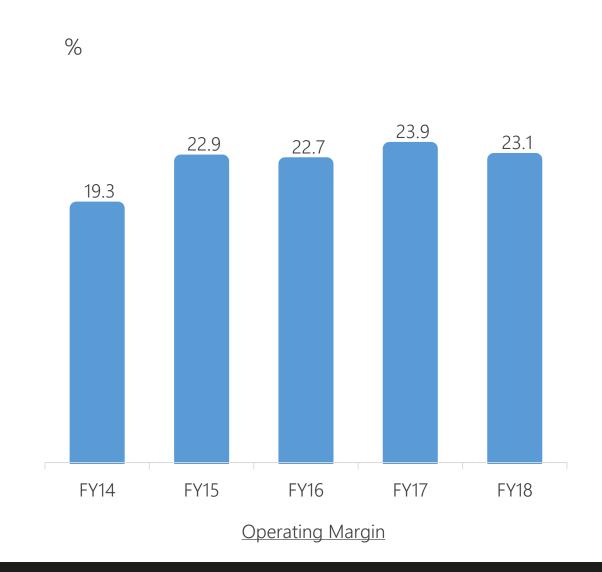
Analysis of Revenue by Product Area





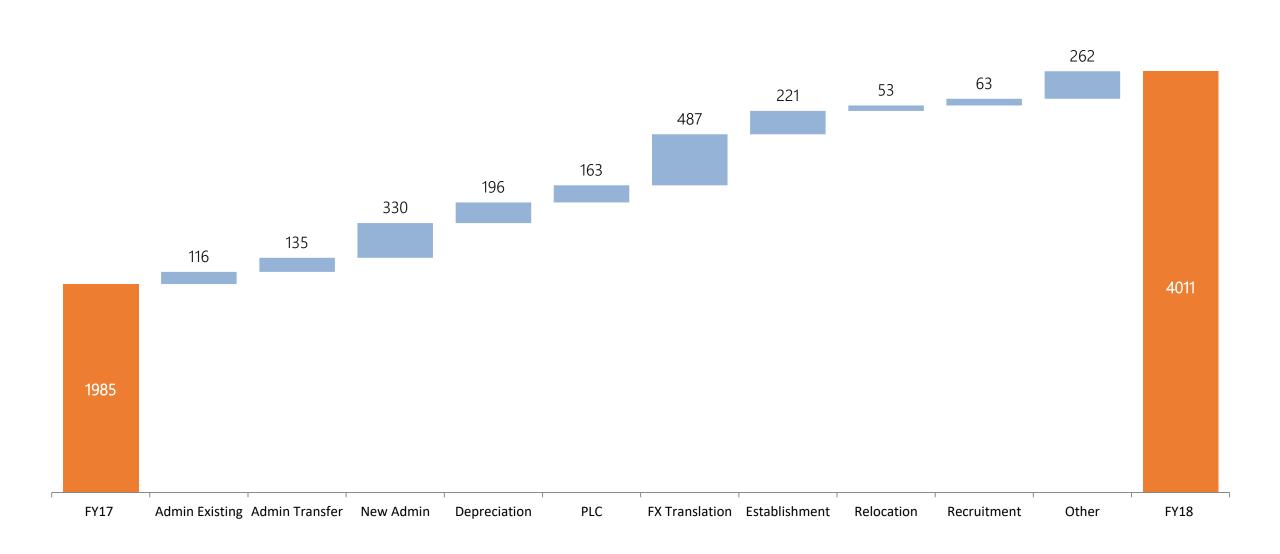
Operating Profit (Excluding Share Based Payment Costs)







Administrative Expenses Bridge (£'000)







Cash flow from operations £m	FY18	FY17
Profit before tax	7.95	4.47
Adjustments for:-		
Depreciation / Interest income etc.	0.41	0.13
Share based payment	0.66	1.46
Operating profit before working capital changes	9.02	6.06
Increase in inventories	(1.94)	(1.77)
Increase in trade and other receivables	(0.33)	(5.43)
Increase in trade and other payables	3.19	3.35
Fair value gain on derivative instruments	-	(0.09)
Cash flow from operations	9.94	2.12









	FY18	FY17
Effective rate of tax	11.7%	12.7%
ROCE	21.3%	15.6%
Earnings per share – basic	36.29p	20.83p
Adjusted EPS – basic	39.70p	28.65p
Earnings per share – diluted	35.03p	20.56p
Adjusted EPS – diluted	38.32p	28.28p
Final dividend per share	2.20p	2.00p
Total dividend per share	3.665p	3.331p





- Strong financial and operating performance with record order book providing visibility well into FY19
- Markets remain active across all geographies and sectors
- Continuing new product development programmes to support future growth
- Establishment of new overseas operations, strategically located in key markets
- Market dynamics and targeted investment provides a strong platform for future growth











Consolidated Statement of Comprehensive Income

	Year ended 31 August 2018 £	Year ended 31 August 2017 £
Continuing operations		
Revenue	37,051,145	24,570,050
Cost of sales	(24,497,241)	(16,654,153)
Gross profit	12,553,904	7,915,897
Administrative expenses Fair value loss in respect of foreign currency	(4,011,336)	(1,985,069)
forward contracts	<u> </u>	(59,241)
Adjusted operating profit before Share based payment costs	8,542,568	5,871,587
Share based payment costs	(659,167)	(1,464,817)
Operating profit	7,883,401	4,406,770
Finance income	63,167	65,257
Profit before taxation	7,946,568	4,472,027
Corporation tax expense	(931,900)	(569,286)
Profit after taxation	7,014,668	3,902,741
Other comprehensive income	-	-
Total comprehensive income for the year attributed to equity holders	7,014,668	3,902,741



Consolidated Statement of Financial Position

ASSETS NON-CURRENT ASSETS Property, plant and equipment 13,679,409 10,464,904 1,288,777 148,140 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 10,613,044 14,968,186 14,968,186 14,968,187 1,536,134 1		2018 £	2017 £
Property, plant and equipment Deferred tax assets 13,679,409 1,288,777 10,464,904 1,288,777 148,140 CURRENT ASSETS 11,968,186 10,613,044 </td <td></td> <td></td> <td></td>			
Deferred tax assets		13 670 400	10 464 004
14,968,186 10,613,044			
CURRENT ASSETS Inventories	Dolon ou tax doods		
Trade receivables 6,489,393 7,115,351 Other receivables, deposits and prepayments 1,980,870 1,536,134 Amount owing by contract customers 2,188,770 1,675,508 Taxation 55,749 - Cash and cash equivalents 15,941,961 9,619,345 TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES Share capital 195,365 191,119 Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES Total LIABILITIES 10,485,573 7,271,995	CURRENT ASSETS	,000,100	
Other receivables, deposits and prepayments 1,980,870 1,536,134 Amount owing by contract customers 2,188,770 1,675,508 Taxation 55,749 - Cash and cash equivalents 15,941,961 9,619,345 TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES Share capital 195,365 191,119 Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES 339,040 - Deferred tax liabilities 339,040 - CURRENT LIABILITIES 339,040 - Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES 10,146,533 7,271,995	Inventories	6,903,374	4,959,435
Amount owing by contract customers 2,188,770 1,675,508 Taxation 55,749 - Cash and cash equivalents 15,941,961 9,619,345 TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES 195,365 191,119 Share capital 195,365 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners of the Company and total equity attributable to owners	Trade receivables		7,115,351
Taxation Cash and cash equivalents 55,749 15,941,961 9,619,345 TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES Share capital 195,365 191,119 Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 — CURRENT LIABILITIES Trade and other payables and accruals Provision for taxation 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995			
Cash and cash equivalents 15,941,961 9,619,345 33,560,117 24,905,773 TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES 195,365 191,119 Share capital 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES 339,040 - CURRENT LIABILITIES 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995			1,675,508
TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES 195,365 191,119 Share capital 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES 339,040 - CURRENT LIABILITIES 339,040 - Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES 10,485,573 7,271,995		, -	-
TOTAL ASSETS 48,528,303 35,518,817 EQUITY AND LIABILITIES 195,365 191,119 Share capital 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities CURRENT LIABILITIES 339,040 - Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES 10,485,573 7,271,995	Cash and cash equivalents	15,941,961	9,619,345
Share capital 195,365 191,119 Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) (11,284,500) (11,284,500) (11,284,500) (11,284,500) (11,390,000 11,390,000 11,390,000 11,390,000 11,390,000 (11,390,000 11,390,000 11,390,000 (11,284,500) (12,284,500) (12,28		33,560,117	24,905,773
Share capital 195,365 191,119 Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES 10,485,573 7,271,995	TOTAL ASSETS	48,528,303	35,518,817
Share premium 10,257,615 8,579,265 Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES 10,485,573 7,271,995	EQUITY AND LIABILITIES		
Reconstruction reserve (11,284,500) (11,284,500) Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES TOTAL LIABILITIES 10,485,573 7,271,995			
Merger relief reserve 11,390,000 11,390,000 Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES TOTAL LIABILITIES			
Retained profits 27,484,250 19,370,938 Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 TOTAL LIABILITIES TOTAL LIABILITIES 10,485,573 7,271,995			
Total equity attributable to owners of the Company and total equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES Deferred tax liabilities 339,040 - CURRENT LIABILITIES Trade and other payables and accruals Provision for taxation 10,146,533 6,951,803 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995			
equity 38,042,730 28,246,822 NON-CURRENT LIABILITIES 339,040 CURRENT LIABILITIES 10,146,533 6,951,803 Provision for taxation 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995	·	27,484,250	19,370,938
Deferred tax liabilities 339,040 - CURRENT LIABILITIES 10,146,533 6,951,803 Provision for taxation - 320,192 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995		38,042,730	28,246,822
CURRENT LIABILITIES 339,040 - Trade and other payables and accruals Provision for taxation 10,146,533 6,951,803 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995			
Trade and other payables and accruals 10,146,533 6,951,803 Provision for taxation - 320,192 10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995		339,040	
10,146,533 7,271,995 TOTAL LIABILITIES 10,485,573 7,271,995	Trade and other payables and accruals	10,146,533	
TOTAL LIABILITIES 10,485,573 7,271,995	FIUVISIUITIUI (aXallUI)	<u> </u>	320, 192
		10,146,533	7,271,995
TOTAL EQUITY AND LIABILITIES 48,528,303 35,518,817	TOTAL LIABILITIES	10,485,573	7,271,995
	TOTAL EQUITY AND LIABILITIES	48,528,303	35,518,817



Cashflow Statement

	2018 £	2017 £
Cash flow from operating activities		
Profit before taxation	7,946,568	4,472,027
Adjustments for: - Change in accounting policy Depreciation of property, plant and equipment Loss on sale of property, plant and equipment Interest income Share based payment	462,994 14,606 (63,167) 659,167	(78,562) 266,856 4,243 (65,257) 1,464,817
Operating profit before working capital changes	9,020,168	6,064,124
Increase in inventories (Increase) in trade and other receivables Increase in trade and other payables and accruals Fair value loss / (gain) on derivative instruments	(1,943,939) (332,040) 3,194,730	(1,767,793) (5,432,557) 3,342,941 (90,434)
Cash flow from operations Interest received Income tax paid	9,938,919 63,167 (1,002,057)	2,116,281 65,257 (351,476)
Net cash flow from operating activities	9,000,029	1,830,062
Cash flow from investing activities Purchase of property, plant and equipment Sale of property, plant and equipment	(3,698,478) 6,374	(8,040,906)
Cash flow used in investing activities	(3,692,104)	(8,040,906)
Cash flow from financing activities Dividends paid Proceeds from issue of share capital, net of share issue costs	(667,905) 1,682,596	(576,805) 6,002,471
Net cash flow used in financing activities	1,014,691	5,425,666
Net increase in cash and cash equivalents	6,322,616	(785, 178)
Cash and cash equivalents at beginning of the financial year	9,619,345	10,404,523
Cash and cash equivalents at end of the financial year	15,941,961	9,619,345



Appendices – Products





Track Testing – Driving Robots

Driving robots (used by all top 20 automotive manufacturers)

- Steering, pedal robots, gear change and clutch robots
- Complete driverless test systems for testing vehicles without a driver

Software, data capture and communications

- Track Fi Pro track radio communications
- Synchro software for coordination of multiple vehicles
- Capture + Review: synchronised data and image capture



SR15 Orbit Steering robot



CBAR (combined brake and accelerator robot)



Flex-0 – Direct control of vehicle actuators



Track Testing – ADAS Products

ADAS Soft Targets are used to evaluate active 'collision avoidance' and 'collision mitigation' systems on the test track. They can also be used to evaluate autonomous vehicle functionality

- Guided soft target (GST) for 'car-to-car' interactions
- LaunchPad. Small flat platform for soft pedestrians and bike targets
- Towed Pedestrian Target. Lower cost belt driven soft target carrier



LaunchPad









GST head-on collision sequence



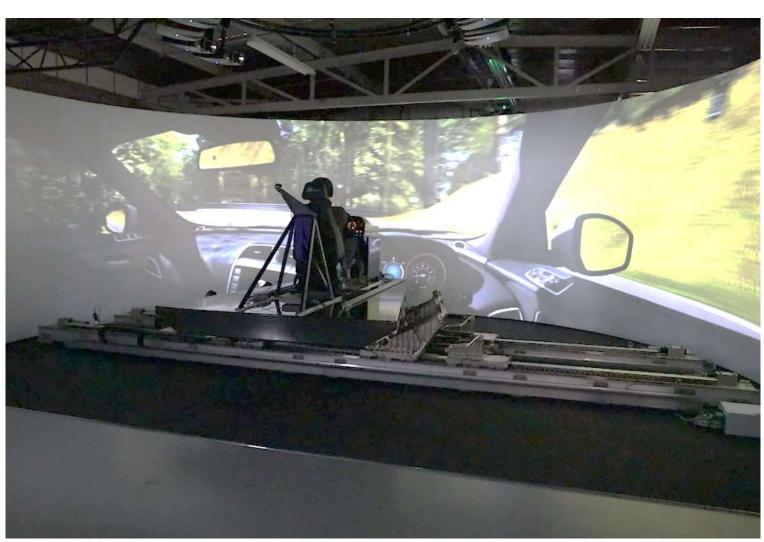
Driver-In-Loop Driving Simulator Applications

Ride and handling development

High performance WAE engineered motion platform enables higher frequencies of motion and larger payloads than competitor products.



Spa circuit, Belgium



Schwarzwald, Germany



Driver-In-Loop Driving Simulator Applications

ADAS development

Automatic driver assistance systems can be tested in the virtual world

Other moving objects such as vehicles, cyclists and pedestrians can be introduced into the driving environment



Cyclist in virtual Paris environment



Interaction with other vehicles in virtual Paris environment



Lab Testing – Suspension Measurement

SPMM 5000

- Used primarily for vehicle suspension characterisation to:
 - Validate computer vehicle models
 - Benchmark competitor vehicles
 - Setup vehicle suspensions
- MIMS option enables vehicle centre-of-gravity and moments-of-inertia to be measured
 - For validation of CAD design data
 - Measurement of sub-systems



SPMM5000 used for suspension characterisation



Disclaimer

These presentation slides (the "Slides") have been issued by AB Dynamics plc (the "Company") in relation to the Company's audited full year results for the year ended 31 August 2018.

The Slides have been prepared by and are the sole responsibility of the Company. Although all reasonable care has been taken to ensure that the facts stated in the Slides and accompanying verbal presentation are true and accurate to the best of the directors' of the Company (the "Directors") knowledge, information and belief and that the opinions expressed are fair and reasonable, no representation, undertaking or warranty is made or given, in either case, expressly or impliedly, by the Company or any of its subsidiaries or Cantor Fitzgerald Europe ("Cantor") or any of their respective shareholders, directors, officers, employees, advisers or agents as to the accuracy, fairness, reliability or completeness of the information or opinions contained in the Slides or the accompanying verbal presentation or as to the reasonableness of any assumptions on which any of the same is based or the use of any of the same. Accordingly, no such person will be liable for any direct, indirect or consequential loss or damage suffered by any person resulting from the use of the information or opinions contained herein (which should not be relied upon), or for any opinions expressed by any such person, or any errors, omissions or misstatements made by any of them, save in the event of fraud or wilful default. Prospective investors are encouraged to obtain separate and independent verification of information and opinions contained herein as part of their own due diligence.

The Slides have not been approved by an authorised person for the purposes of section 21 of the Financial Services and Markets Act 2000 (as amended) ("FSMA"). In the United Kingdom, the Slides are exempt from the general restriction in section 21 of FSMA on the communication of invitations or inducements to engage in investment activity pursuant to the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Financial Promotion Order") on the grounds that it is directed only at the following, being persons who the Company reasonably believes to be: (a) persons having professional experience in matters relating to investment Professionals" within the meaning of article 19(5) of the Financial Promotion Order); (b) persons who have professional experience in matters relating to investment promotion Order (high net worth companies, unincorporated associations, or partnerships or the trustees of high value trusts), or (c) other persons who have professional experience in matters relating to investments and to whom the Slides and accompanying verbal presentation may otherwise be lawfully communicated (all such persons together being referred to as "Relevant Persons"). By attending the presentation of the Slides, you represent and warrant that you are a Relevant Person. The content of the Slides is only available to Relevant Persons, and is not to be disclosed to any other person of any other person who receives the Slides should not rely or act upon them. Any investment or investment activity or controlled activity to which the Slides relates is available only to such Relevant Persons and will be engaged in only with such Relevant Persons. Reliance on the communication set out in the Slides for the purpose of engaging in any investment activity may expose an individual to a significant risk of losing all of the property invested or of incurring additional liability. Any individual who is in any doubt about the investment to which the Slides relate should consult an authorised person specialising

The distribution of the Slides in other jurisdictions may be restricted by law and persons into whose possession the Slides come should inform themselves about, and observe, any such restrictions. Any failure to comply with these restrictions may constitute a violation of the laws of any such other jurisdictions. The Slides are not for distribution outside the United Kingdom and, in particular, the Slides or any copy of them should not be distributed, published, reproduced or otherwise made available in whole or in part by recipients to any other person, directly or indirectly, by any means (including electronic transmission) either to persons with addresses in Canada, Australia, Japan, the Republic of South Africa and the Republic of Ireland or to persons with an address in the United States, its territories or possessions or to any citizens, nationals or residents thereof, or to any corporation, partnership or other entity created or organised under the laws thereof, or any other country outside the United Kingdom where such distribution may lead to a breach of any legal or regulatory requirement. Any such distribution could result in a violation of Canadian, Australian, Japanese, United States, South African or the Republic of Ireland law. By attending the presentation and/or accepting the Slides, you agree to keep permanently confidential the information contained herein or sent herewith or made available in connection to with further enquiries unless and until it comes into the public domain through no fault of your own and the Slides are being supplied solely for your information. The Slides may not be copied, reproduced or distributed, in whole or in part, to others or published at any time without the prior written consent of the Company and Cantor. Without prejudice to the foregoing, neither the Company, Cantor nor its advisers, nor its representatives accept any liability whatsoever for any loss howsoever arising, directly or indirectly, from use of the Slides or its contents or otherwise arising in c

The information and opinions contained in the Slides and accompanying verbal presentation are provided as at the date of this presentation and are subject to change without notice. Save as otherwise expressly agreed, none of the above should be treated as imposing any obligation to update or correct any inaccuracy contained herein or be otherwise liable to you or any other person in respect of any such information. In particular, and without limitation, nothing in the Slides and accompanying verbal presentation should be relied on for any purpose.

The Slides and the accompanying verbal presentation contain certain forward-looking statements and projections. These statements relate to future events or future performance and reflect the Directors' and management's expectations regarding the Company's growth, results of operations, performance and business prospects and opportunities. Such forward-looking statements reflect the Directors and management's current beliefs and are based on information currently available to the Directors and management and are based on reasonable assumptions as at the date of this presentation. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors beyond the control of the Company, the Directors or management that could cause actual performance or achievements or other expectations expressed to be materially different from such forward-looking statements. No assurance, however, can be given that the expectations will be achieved. While the Company makes these forward-looking statements in good faith, neither the Company, nor its Directors and management, can guarantee that the anticipated future results will be achieved and accordingly, you should not rely on any forward-looking statements and the Company accepts no obligation to disseminate any updates or revisions to such forward-looking statements.

Cantor is the Company's Broker and is advising the Company and no one else and will not be responsible to anyone other than the Company for providing the protections afforded to customers of Cantor. Any other person should seek their own independent legal, investment and tax advice as they see fit. Cantor's responsibilities as the Company's Broker under the AIM Rules will be owed solely to London Stock Exchange plc and not to the Company, to any of its Directors or any other person in respect of a decision to subscribe for or acquire shares or other securities in the Company. Cantor has not authorised the contents of, or any part of, the Slides for the purposes of section 21 of FSMA and no representation or warranty, express or implied, is made as to any of the Slides contents.

By agreeing to receive the Slides and continuing to attend the presentation to which they relate you: (i) represent and warrant that you are a Relevant Person and (ii) agree to the foregoing (including, without limitation, that the liability of the Company or Cantor and their respective directors, officers, employees, agents and advisors shall be limited in the manner described above.

IF YOU ARE NOT A RELEVANT PERSON OR DO NOT AGREE WITH THE FOREGOING, PLEASE IDENTIFY YOURSELF IMMEDIATELY.