

# 2018 YEAR-END RESULTS PRESENTATION





## Agenda

- Welcome and opening observations
- Metair image 2018
- Salient features of 2018
- Board composition
- Strategic review
- Financial and operational review
- Prospects
- Q & A
- Supplementary information



Welcome and opening observations

Integrated annual reports – the journey travelled

Metair's integrated annual reports are always presented against the backdrop of a theme that aims to reflect significant circumstances, or the position the company finds itself in at the time



13 year integrated annual report themes

- 2006 Growth, gain, enrichment
- 2007 Transformation
- 2008 Transparency
- 2009 Crossroads – back to basics
- 2010 Balance
- 2011 Human focus, measurement and adjustment
- 2012 Reflection – the road ahead
- 2013 Growing our international footprint
- 2014 Brand wall
- 2015 Creativity and innovation
- 2016 Our people
- 2017 Environmental focus and effect
- 2018 Stakeholder requirements – balanced sustainable return on invested capital



Metair image 2018

Metair image 2018



The theme for this year's integrated annual report is 'Stakeholder Requirements' which are best addressed through delivering a balanced sustainable return on invested capital (ROIC). The cover graphic shows the group's manufacturing facilities in the Automotive Component and Energy Storage verticals, which represent the company's manufacturing capital. The work we do at these manufacturing facilities is converted into the financial capital flows which create a profitable business to meet many, but not always all, stakeholder needs.

These flows include salaries, wages and pensions for employees, dividends and share buybacks to return capital to shareholders, interest for providers of finance, corporate social investment initiatives in local communities and the tax we pay to government.

The differing requirements of our various stakeholder groups challenge us to allocate capital in a transparent and responsible way. 2018 saw extensive engagement with two stakeholder groups in particular – shareholders and employees – and we recognize the challenge of balancing the needs of all stakeholders in a way that supports sustainable long-term value creation.

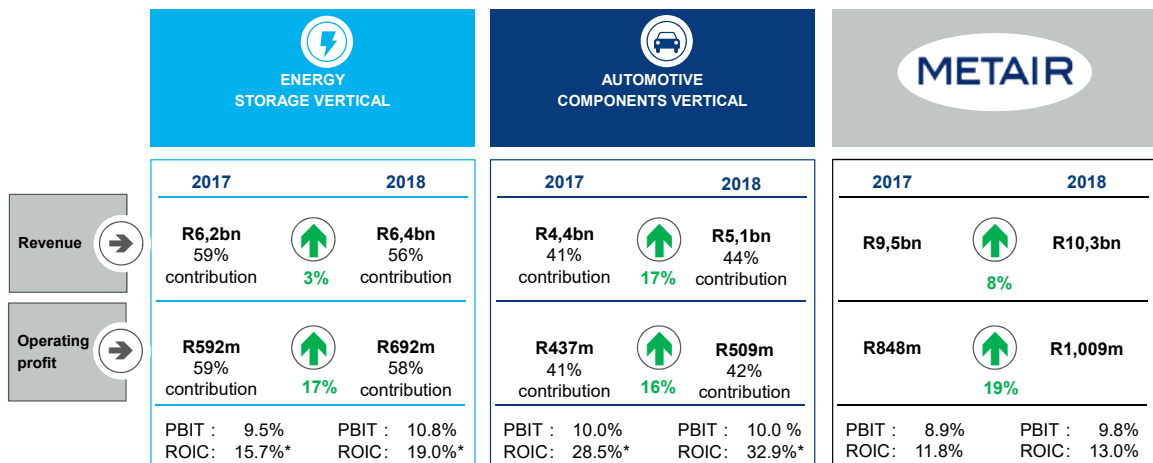


Salient features at group level



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Salient features: Performance at a glance



\* Based on operating level, opening invested capital. Excludes goodwill, intangibles etc. on acquisition

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### Salient features: Metair group

- Changes in accounting standard IFRS 15 and IFRS 9 had minimal impact on Metair results other than disclosure
- Share buyback of 3% concluded in December 2018
- Bigger capital allocation to shareholders
  - › R105m share buyback
  - › R197m dividends
  - › Total R302m
  - › 45% of PAT
  - › 24% of EBITDA
- Capital expenditure limited to depreciation, with the exception of initial investment into Li-ion
- Net asset value per share R21,67 per share up 5,2%
- TAB opportunity and reflection
- FNB recovery on track except for labour disruptions, 6% PBIT improvement on 2017
- Post closed period we will continue with share buy-back
- Planning to cancel at least 60%-70% of repurchased shares pending shareholder view

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### Salient features: Metair international business

- Overseas acquisitions performed well operationally (PBIT)
  - › Rombat up 30%
  - › Mutlu up 55%
  - › ABM Kenya up 10%
- Moll Germany had a challenging year
  - › Gained significant technology insight
  - › Introduced group to major German OEM customer
  - › Received first Li-ion starter battery request for supply quotations

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### Salient features: Li-ion advancement

- First investment into Li-ion business and technology
  - › 35% shareholding in Prime Motors
  - › Moved from pre sales to first acquired customers
  - › Delivered a small profit in 2018
  - › Secured our first Li-ion line
  - › Investment Committee approved purchase of Li-ion line
  - › Investment Committee to approve installation and commissioning of Li-ion line
  - › Developed low temperature Li-ion starter battery
  - › Received first RFQ for Li-ion starter batteries
  - › Supplied several Li-ion battery pack solutions in Europe
  - › Launched first EV bus in Romania
  - › Technology partnership opportunities
  - › Talent pool created in Li-ion technology

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### Salient features: Industry and international trade developments

- SA government concluded South African Automotive Master plan (SAAM)
- SA government announced new APDP program
- Excellent automotive industrial policy clarity building OEM confidence with record investments in South Africa
- Record number of vehicle exports from South Africa
- Brexit resulted in planned 2021 closure of Honda plant in the UK
- International trade wars affect geographic allocations, but SA and Turkey possible winners
- Record number of enquiries in South Africa for new projects
- 2021 major year of opportunity in the South African automotive industry
- Turkey volume declined by 9%. Increase focus on exports

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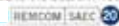


Board composition

Retiring board members



**L SOANES (62)\***  
**Independent non-executive director**  
National Certificate of Engineering  
\* British  
Appointed to the board in 1999



**RS BROADLEY (86)**  
**Independent non-executive director**  
Advanced Technical Certificate (Engineering)  
Appointed to the board in 2001



**JG BEST (70)**  
**Independent non-executive director**  
ACMA ACIS MBA  
Appointed to the board in 2000



Incoming board members



**CMD FLEMMING (62)**  
**Independent non-executive director**  
B Comm, Bachelor of Law, B Prok,  
AMP Harvard  
Appointed to the board in 2019



**S SITHOLE (46)**  
**Independent non-executive Director**  
BAcc (Hons), CA (SA), ACA, CA(2)  
Appointed to the board in 2019



**TP MOEKETSI (35)**  
**Independent non-executive director**  
BComm (Hons) CA(SA)  
Appointed to the board in 2019



Strategic review

Strategic review: Current strategy

Metair's strategy has always been customer, market and technology driven. In line with the automotive industry principle of continuous improvement we always review and confirm the strategy on an annual basis.



## Strategic review: Current strategy



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## Strategic review: Winning aspirations







Our winning aspirations for the group can be classified into four major themes:

- Being an ethical, value-driven and responsible organisation
- Operating at the highest standards when it comes to people, the environment, health and safety
- Delivering above-average, balanced and sustainable returns to our shareholders
- Sustaining relevance and competitiveness in a fast-changing world

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2018 Results at a glance

 <b>HEPS</b> <b>+ 16%</b> <b>327cps</b>	 <b>PBIT</b> <b>+ 19%</b> <b>R1,009m</b>	 <b>PBIT %</b> <b>+ 0.9ppt</b> <b>9.8%</b>																					
 <table border="1"> <thead> <tr> <th>Free cash flow</th> <th>2017 R'million</th> <th>2018 R'million</th> </tr> </thead> <tbody> <tr> <td>EBITDA</td> <td>1 113</td> <td>1 253</td> </tr> <tr> <td>Taxation paid</td> <td>(185)</td> <td>(148)</td> </tr> <tr> <td>Working capital</td> <td>(323)</td> <td>(330)</td> </tr> <tr> <td>Associates dividend</td> <td>52</td> <td>7</td> </tr> <tr> <td>Capital expenditure</td> <td>(193)</td> <td>(303)</td> </tr> <tr> <td><b>Free cash flow</b></td> <td><b>464</b></td> <td><b>479</b></td> </tr> </tbody> </table>	Free cash flow	2017 R'million	2018 R'million	EBITDA	1 113	1 253	Taxation paid	(185)	(148)	Working capital	(323)	(330)	Associates dividend	52	7	Capital expenditure	(193)	(303)	<b>Free cash flow</b>	<b>464</b>	<b>479</b>	 <b>ROIC</b> <b>+ 1.2ppt</b> <b>13.0%</b>	 <b>Vertical EBITDA</b> <b>AC: R617m (+ 13%)</b> <b>ES: R836m (+ 11%)</b>
Free cash flow	2017 R'million	2018 R'million																					
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<b>Free cash flow</b>	<b>464</b>	<b>479</b>																					

- Introduction of IFRS 15 and IFRS 9 had a R4m impact on Metair's result although disclosure increased significantly
- Group turnover increase of 8% to R10.3bn, as both verticals performed well
- Group operating profit improved by 19%, or R161m, and margins improved to 9.8% from 8.9% in prior year

- Free cash flow impacted by temporarily high inventory at Mutlu, unwind in 1Q19
- Improved ROIC to 13.0% (hurdle is minimum of 11% at group level) from 11.8% in 2017, a 1.2ppt increase
- EBITDA improvement of 9% to R1.3bn, supported by both verticals

Financial highlights: Income statement

Item	2017	2018	Mvt.
	R'million	R'million	
Revenue	9 517	10 277	8%
EBITDA (incl. share of assoc.)	1 216	1 330	9%
Other operating income	89	212	139%
Operating profit	848	1 009	19%
Operating profit margin	8,9%	9,8%	0,9ppt
Net interest expense	(175)	(186)	6%
Profit after tax	588	699	16%
Effective tax rate	24,3%	22,2%	2,1ppt
ROA	12,9%	14,3%	1,4ppt
ROE	14,0%	16,5%	2,5ppt
ROIC	11,8%	13,0%	1,2ppt

Item	2017	2018
	R'million	R'million
Insurance proceeds on fire		61
Government grants and similar	95	117
Derivatives*	(34)	9
Other	28	25
<b>Other operating income</b>	<b>89</b>	<b>212</b>

\* Refers to mark to market valuation gains/(losses) on forward exchange and similar contracts

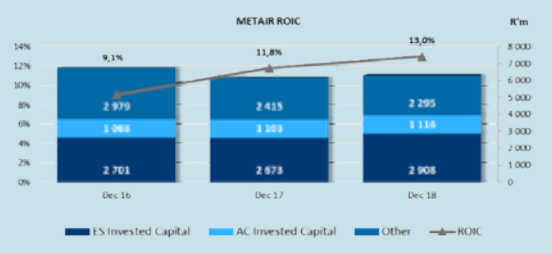
- Net forex loss for FY18 was R29m (FY17: R39m) largely due to the sudden devaluation for the TRY in August '18
- Effective tax rate decreased to 22.2%, mainly due to new technology capital expenditure incentives in Turkey
- Net interest expense R11m higher mainly due to higher Turkish borrowing rate increases

- Other operating income increased R123m
  - Insurance recovery of R47m related to PPE (non-HEPS), and R14m for loss of profits (included in HEPS)
  - R22m increase in government grants
  - R43m change in FEC mark-to-market revaluation. (Derivative gains/losses allocated to other operating income)

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Financial highlights: Income statement

Item	2017	2018	Mvt.
	R'million	R'million	
Attributable profit	556	667	20%
Earnings per share	281	338	20%
Weighted avg. number of shares ('000)	197 980	197 284	0%
Headline earnings per share	281	327	16%
Net debt	(1 204)	(1 262)	-5%
Dividend per share declared (gross of WHT)	70	80	14%



- EPS up 20%, but includes non-headline insurance related profits, so HEPS up 16% to 327cps
- Weighted avg. number of shares reduced by c.700k shares, marginal impact on EPS and HEPS
- 3% (c. 6m) shares repurchased in Q4'18, for R105m

- Increased working capital evident in the year-end invested capital balance in Energy Storage

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### Financial highlights: Balance sheet

Item	2017 R'million	2018 R'million
<b>Non-current assets</b>	<b>4 033</b>	<b>3 929</b>
Property, plant and equipment	2 606	2 538
Intangible assets	835	707
Other non-current assets	592	684
<b>Current assets</b>	<b>4 072</b>	<b>4 493</b>
Inventory	1 698	1 849
Trade and other receivables	1 670	1 668
Contract assets		289
Cash and cash equivalents	671	672
Other current assets	33	15
<b>Total assets</b>	<b>8 105</b>	<b>8 422</b>

- Non-current assets have decreased mainly due to the forex devaluation in Mutlu, together with limited capital expenditure
- Inventory up due to higher inventory holding at Mutlu. This is largely due to a slower Q4 sales season for the local AM, and preparation for possible higher 1Q19 export demand.
- Inventory (including a portion of margin based on the stage of completion) re-classified to 'contract assets' in respect of the IFRS 15
- Net Cash lower due to Mutlu investment in working capital

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### Financial highlights: Balance sheet

Item	2017 R'million	2018 R'million
<b>Total equity</b>	<b>4 196</b>	<b>4 288</b>
<b>Non-current liabilities</b>	<b>1 754</b>	<b>1 587</b>
Borrowings	1 149	984
Post employment benefits	79	77
Deferred taxation	298	281
Deferred grant income	175	187
Provision for liabilities	53	58
<b>Current liabilities</b>	<b>2 155</b>	<b>2 547</b>
Trade and other payables	1 236	1 444
Contract liabilities		1
Borrowings	653	858
Provision for liabilities	136	106
Bank overdrafts	73	92
Other current liabilities	57	46
<b>Total liabilities</b>	<b>3 909</b>	<b>4 134</b>

- Total borrowings up due to a combination of Mutlu increased borrowings and RCF drawdowns
- R105m utilised for share buyback
- Trade payables up mainly as a result of increased working capital (Mutlu), goods in transit and other accruals

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### Financial highlights: Balance sheet

Item	2017 R'million	2018 R'million
Inventory	1 698	1 849
Trade and other receivables	1 670	1 668
Trade and other payables	(1 236)	(1 444)
Contract assets/liabilities - net		288
<b>Total net working capital</b>	<b>2 132</b>	<b>2 361</b>

Days	2017	2018
Inventory	65	66
Trade and other receivables	64	59
Trade and other payables	(47)	(51)
Contract assets/liabilities - net		10
<b>Total days</b>	<b>82</b>	<b>84</b>

All days calculations based on turnover

➤ Working capital generally very well maintained for the year, with exception of year-end inventory in Turkey. The overall increase of c. R229 million is due to:

- Lower seasonal (Q4) market demand in Turkey, influenced by warmer winter
- Generally lower economic activity in Turkey, especially in the after-market, impacting Q4 sales cycle at Mutlu
- Higher inventory and lead levels at Mutlu to prepare for potential higher export demand in Q1'19

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### Financial highlights: Capital expenditure and commitments

Capital expenditure				
Vertical (R'million)	Maintenance & general	Efficiency & expansion	Health, safety & environ.	Total
Energy storage	64	124	39	227
Automotive components	46	21	11	78
<b>Total commitments</b>	<b>110</b>	<b>145</b>	<b>50</b>	<b>305</b>

Capital commitments				
Vertical (R'million)	Maintenance & general	Efficiency & expansion	Health, safety & environ.	Total
Energy storage	119	194	43	356
Automotive components	48	72	5	125
<b>Total commitments</b>	<b>167</b>	<b>266</b>	<b>48</b>	<b>481</b>

➤ Capital expenditure for FY18 was limited to depreciation levels, with the exception of an initial c. R50m invested in our first Li-Ion coating facility

➤ FY19 commitments for maintenance & general capex, is to ensure we maintain the quality and integrity of our parts production to the levels demanded by our OEM and AM customers

➤ Efficiency and Expansion capital is approved according to our strict return requirements, and relate to new business (new models, customers and facelifts) and capacity increases to meet increased volume demand from our customers

➤ It also includes c.R80m for the completion of our technology investment into a Li-Ion coating facility. Therefore, total investment provisionally approved for Li-Ion coating line is c. R130m

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### Financial highlights: Capital and debt structure

Item	2016	2017	2018
Debt* : Equity	47%	44%	44%
Net debt** : Equity	31%	30%	30%




Item	2016	2017	2018
Net debt (R'm)**	1 281	1 204	1 262
Net debt** : EBITDA	1,2	1,0	0,9

Funding analysis and debt repayment for 2018				
		2017	2018	Maturity
		R'million	R'million	
Prefs	Total preference shares	840	840	2021
	Effective rate - 70% prime (2017: 69% prime)			
RCF	RCF 1	750	750	2019
	Utilised	(667)	(709)	
	Effective rate - JIBAR + 205bps			
RCF	RCF 2		525	2023
	Utilised		(30)	
	Effective rate - JIBAR + 235bps			

- Over time our target remains c.20 - 25% D:E
- Our debt levels not to exceed 2 or 2.5 X EBITDA
- \* Interest bearing borrowings
- \*\* Includes overdrafts and cash equivalents
- Metair preference share maturity extended to 2021
- Only change is in dividend rate, now 70% of prime
- RCF 1 matures in Q3'19, discussions underway regarding the refinancing at very competitive rates

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### 2018 Results at a glance: Automotive Components

	<b>PBIT</b>		<b>PBIT %</b>
	<b>+ 16%</b>		<b>0 ppt</b>
	<b>R509m</b>		<b>10.0%</b>
	<b>ROIC</b>		<b>+ 4.4ppt</b>
			<b>32.9%</b>

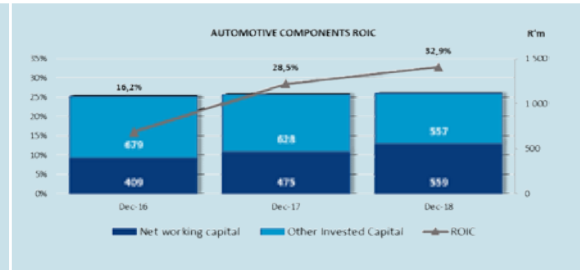
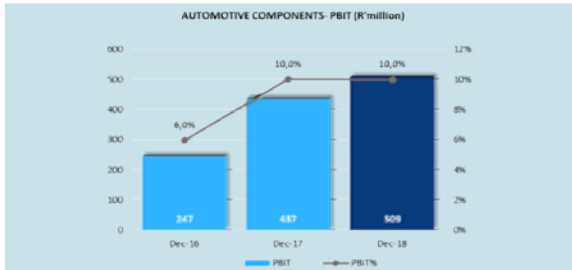
OEM	2017	2018	Var (units)
TSAM	128 578	139 307	10 729 ↑
FMCSA	93 817	105 099	11 282 ↑
VWSA	108 156	133 543	25 387 ↑
MBSA	118 277	99 740	(18 537) ↓
BMW	53 337	47 773	(5 564) ↓
NISSAN	31 712	34 504	2 792 ↑
OTHER	29 980	23 834	(6 146) ↓
<b>Total</b>	<b>563 857</b>	<b>583 800</b>	<b>19 943</b> ↑

- Strong returns and stable margins despite the currency swings in Q4'18
- Margin expansion opportunity from higher volumes negated by timing of forex recoveries from customers
- OEM production in SA was up 4% on FY17, but Metair major customer volumes increased 47.4k units (16%)
- Manufacturing environment relatively stable
- Major increases in profitability driven by overall volume growth, but also increased localisation on new model launches and facelifts
- This resulted in significant customer diversification, revenue and profit growth in our suspension component, plastics and lighting businesses

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2018 Results at a glance: Automotive Components

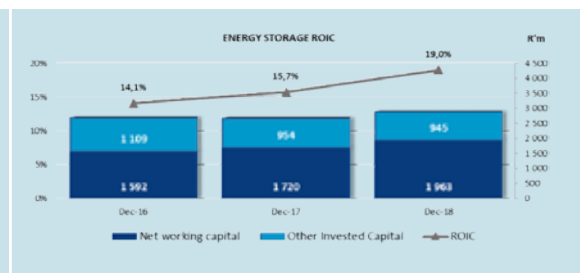
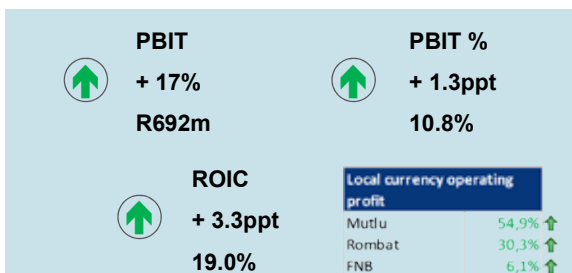


- PBIT margins have been stable around 10%, higher than the guidance provided previously of 7-9%
- Given the political and labour related cycle (wage negotiations for both OEMs and Component Manufacturers during FY19), combined with the potential for some industrial action and manufacturing instability, we maintain our 7-9% guidance for FY19

- ROIC achieved improved to 32.9% as manufacturing stability, customer diversification and additional localisation improved profitability, while limited investments have been required

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2018 Results at a glance: Energy Storage



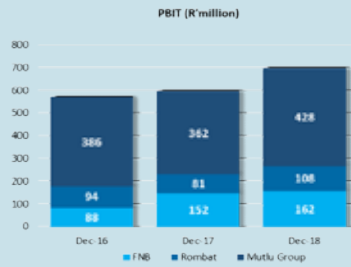
- PBIT growth and margin expansion due to growth in all subsidiaries, and automotive battery margins improving 1.8ppt from stronger export margins
- Mutlu managed to offset and beat the currency loss with increased exports and margins, favourable lead and finished goods pricing as well as good cost control

- Significantly, Mutlu achieved an excellent performance despite negative currency impact (24% average TRY/ZAR devaluation), and grew local currency operating profit by 54.9%
- Vertical achieved an improving ROIC, above its threshold of 15.5% despite increased working capital investment at Mutlu during Q4'18

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2018 Results at a glance: Energy Storage

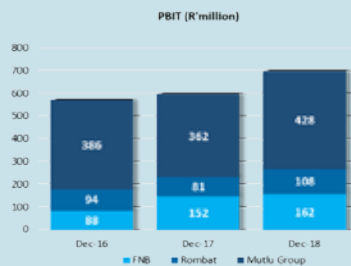
Auto battery units in '000 s	2017	2018	Var (units)
Mutlu	4 043	3 694	(349) ↓
Rombat	2 205	2 337	132 ↑
FNB	1 779	1 810	31 ↑
<b>Total</b>	<b>8 027</b>	<b>7 841</b>	<b>(186) ↓</b>



- Mutlu PBIT increased from R362m to R428m in ZAR despite volume decline of c. 10%
- Turkey experienced a sudden devaluation in its currency during August '18, on the back US and Turkey tensions, and also resulted in a sudden economic slow-down in Turkey
- It necessitated abnormal price increases, totalling c. 40% in TRY terms for the full year
- We focussed on quality of volumes and margins in the AM, while not exposing the business to credit risk. Export volumes (hard currency) increased 3%, provided margin expansion opportunity
- Mutlu sales volumes to OEM's in Turkey declined by 14%, driven by a 10% decline in local OEM vehicle production. After-market sales declined by 15%, as a result of a warm winter and the general economic slow-down

2018 Results at a glance: Energy Storage

Auto battery units in '000 s	2017	2018	Var (units)
Mutlu	4 043	3 694	(349) ↓
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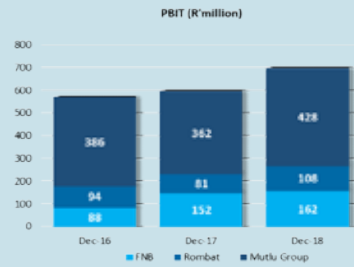


- FNB's PBIT improved 6% to R162m despite investment and increased spend on FNB branding, retail network, training and OEM support for AGM products
- FNB was also impacted by labour disruption in H2, estimated at R20-30m PBIT impact as the strike impacted production firstly, but also had a knock-on impact on the availability of stock in subsequent months
- FNB achieved sales volume increases of 2%, with after-market largely flat but exports improving by 6%
- Re-branding roll-out and sales organisation reorganisation still ongoing

2018 Results at a glance: Energy Storage

Auto battery units in '000 s	2017	2018	Var (units)
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- Rombat achieved 6% overall growth in volumes, lead by a 10% improvement in exports for AM and OES customers
- Rombat had a record performance, delivering a 29% increase in operating profit, at R108m, as Q4 volumes and margins were strong on the back of OEM and export OES demand



Prospects: Short-term

**Automotive Component vertical**

- Automotive industry policy security SAAM and APDP
- Ford 1<sup>st</sup> phase volume increase confirmed for last quarter 2019
- VW volume increase confirmed
- Toyota volume outlook stable
- Review of 3-year wage agreement at OEMs
- Review of 3-year wage agreement at component manufacturers

Please refer to outlook as contained in abridged results

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Prospects: Medium to long-term

**Automotive Component vertical**

- Automotive industry policy security SAAM and APDP
- Ford 2<sup>nd</sup> phase volume increase study in progress
- Toyota new model study in progress
- Wire harness business customer diversification opportunity
- Lighting business localisation opportunities under new APDP
- Two new light commercial vehicle replacement model launches under investigation
- First enquiries received from BAIC
- Most of the opportunities will take effect in 2021
- Metair preparing for 2021 readiness

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Prospects: Short term

**Energy Storage vertical**

- Focus on FNB recovery program in local market
- Stable volume outlook for Europe
- Turkey market reset at 2018 volumes
- Focus on export and new OEM export customers in Turkey
- Request for private label products increased
- Metair in process to consider private label exports
- Review of 2-year wage agreement in high inflationary environment in Turkey
- Install and commission Li-ion line
- Finalise approval process for Li-ion low temperature starter battery
- Opportunity to secure sale of Li-ion line capacity

Please refer to outlook as contained in abridged results

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Prospects: Medium to long term

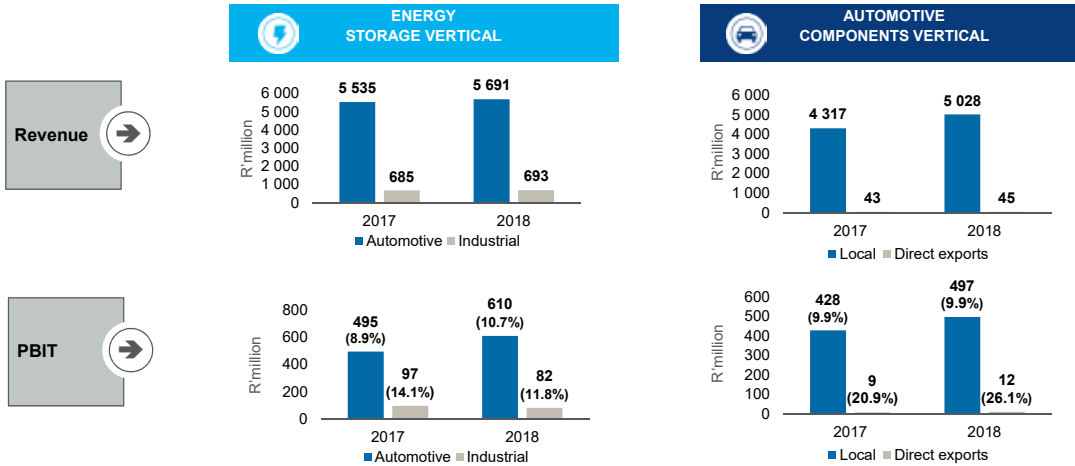
**Energy Storage vertical**

- Lead acid technology remains relevant in our markets
- Focus on optimal utilisation of current installed lead-acid capacity
- Grow and protect local after-market shares
- Grow selected export opportunities, aftermarket and OEM
- Enhance recycling yields and contributions
- Launch selective customer branded products
- Limit lead-acid technology capital allocation to maintenance and efficiency improvements
- Sell Li-ion capacity in focused OEM market applications
- Focus expansion capital allocation to Li-ion technology advancement on Primemotors modular factory design concept

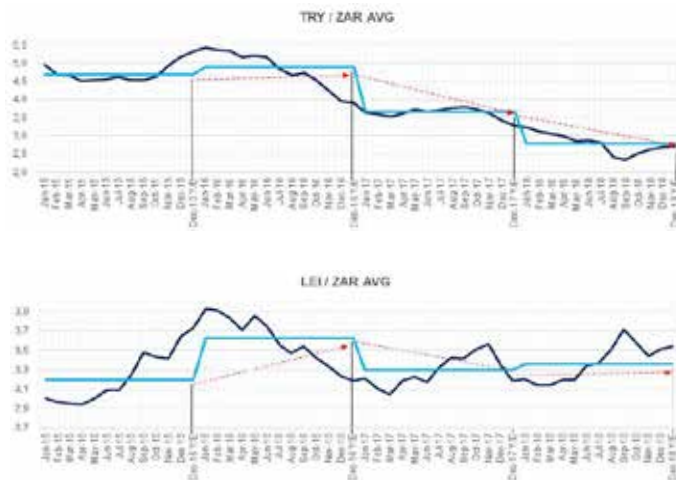
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Overall segmental review (including Hesto)

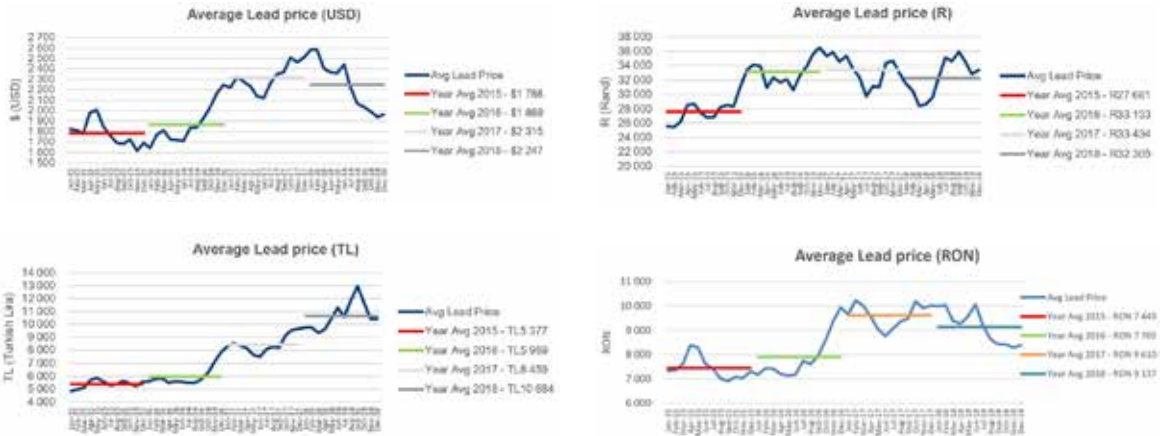


Currency: TRY average devalued significantly by c.24% to the comparative year

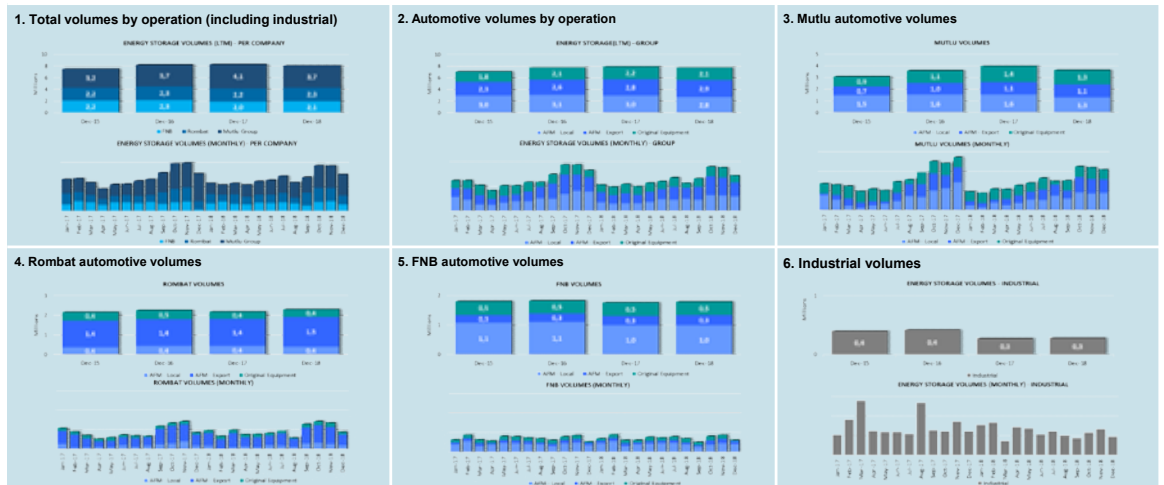


49% decline post-acquisition

Currency: Lead pricing increased significantly for Mutlu, leading to significant price increases

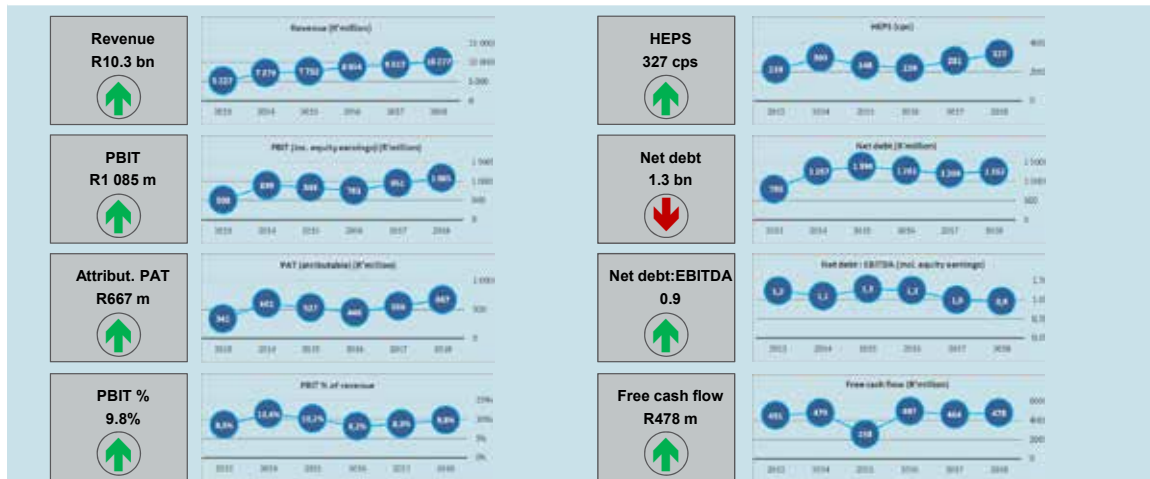


Energy Storage volume (rounded)





Financial highlights



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Combined battery volumes: FNB, Mutlu and Rombat

	Battery volumes	2016	2017	2018	'17/'18% change
Original equipment market	<b>Automotive original equipment</b>	<b>2 069 605</b>	<b>2 241 033</b>	<b>2 144 209</b>	(4%)
	- Local	1 890 133	2 175 444	2 013 444	(7%)
	- Export	179 472	65 589	130 765	99%
Aftermarket	<b>Automotive aftermarket</b>	<b>5 761 362</b>	<b>5 786 445</b>	<b>5 697 100</b>	(2%)
	- Local	3 134 599	3 034 376	2 753 753	(9%)
	- Export	2 626 763	2 752 069	2 943 347	7%
	<b>Total automotive units</b>	<b>7 830 967</b>	<b>8 027 478</b>	<b>7 841 309</b>	(2%)
Industrial	<b>Industrial</b>	<b>378 862</b>	<b>282 682</b>	<b>289 203</b>	2%
	- Local	345 516	267 307	274 971	3%
	- Export	33 346	15 375	14 232	(7%)
	<b>Total volumes</b>	<b>8 209 829</b>	<b>8 310 160</b>	<b>8 130 512</b>	(2%)

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### FNB battery volumes

Original equipment market →

Aftermarket →

Industrial →

Battery volumes	2016	2017	2018	'17/'18% change
<b>Automotive Original Equipment</b>	<b>451 586</b>	<b>453 568</b>	<b>463 383</b>	2%
- Local	451 586	453 568	463 383	2%
<b>Automotive Aftermarket</b>	<b>1 393 214</b>	<b>1 326 012</b>	<b>1 347 189</b>	2%
- Local	1 117 240	1 005 940	1 007 116	6%
- Export	275 974	320 072	340 073	0%
<b>Total Automotive Units</b>	<b>1 844 800</b>	<b>1 779 580</b>	<b>1 810 572</b>	2%
<b>Automotive Original Equipment</b>	<b>451 586</b>	<b>453 568</b>	<b>463 383</b>	2%
<b>Industrial</b>	<b>371 699</b>	<b>257 090</b>	<b>244 897</b>	(5%)
- Local	339 076	241 715	230 665	(5%)
- Export	36 623	15 375	14 232	(7%)
<b>Total Volumes</b>	<b>2 216 499</b>	<b>2 036 670</b>	<b>2 055 469</b>	1%

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### Mutlu battery volumes

Original equipment market →

Aftermarket →

Industrial →

Battery volumes	2016	2017	2018	'17/'18% change
<b>Automotive Original Equipment</b>	<b>1 096 165</b>	<b>1 403 239</b>	<b>1 269 186</b>	(10%)
- Local	1 071 490	1 337 650	1 156 898	(14%)
- Export	24 675	65 589	112 288	71%
<b>Automotive Aftermarket</b>	<b>2 576 073</b>	<b>2 640 113</b>	<b>2 424 873</b>	(8%)
- Local	1 566 863	1 575 505	1 332 115	(15%)
- Export	1 009 210	1 064 608	1 092 758	3%
<b>Total Automotive Units</b>	<b>3 672 238</b>	<b>4 043 352</b>	<b>3 694 059</b>	(9%)
<b>Industrial</b>	<b>7 163</b>	<b>25 592</b>	<b>44 306</b>	73%
- Local	6 440	25 592	44 306	73%
- Export	723			
<b>Total Volumes</b>	<b>3 679 401</b>	<b>4 068 944</b>	<b>3 738 365</b>	(8%)

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Rombat battery volumes

Original equipment market →

Aftermarket →

Battery volumes	2016	2017	2018	'17/'18% change
<b>Automotive Original Equipment</b>	<b>511 854</b>	<b>384 226</b>	<b>411 640</b>	7%
- Local	357 057	384 226	393 163	2%
- Export	154 797		18 477	
<b>Automotive Aftermarket</b>	<b>1 820 320</b>	<b>1 820 320</b>	<b>1 925 038</b>	6%
- Local	450 496	452 931	414 522	(8%)
- Export	1 341 579	1 367 389	1 510 516	10%
<b>Total Automotive Units</b>	<b>1 792 075</b>	<b>2 204 546</b>	<b>2 336 678</b>	6%
<b>Total Volumes</b>	<b>1 792 075</b>	<b>2 204 546</b>	<b>2 336 678</b>	6%

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Vehicle production per OEM in South Africa: NAAMSA

OEM	2012	2013	2014	2015	2016	2017	2018	% change
TSAM	149 252	151 392	142 739	133 497	122 115	128 578	139 307	8%
FMCSA	51 006	56 923	76 179	73 735	86 496	93 817	105 099	12%
VW SA	110 864	107 567	113 678	121 583	120 799	108 156	133 543	23%
MBSA	61 439	47 189	45 584	105 473	116 783	118 277	99 740	(16%)
BMW	44 229	66 087	71 004	72 165	63 473	53 337	47 773	(10%)
Nissan	54 657	46 443	43 268	36 179	28 844	31 712	34 504	9%
Isuzu	38 199	40 019	41 491	41 209	31 157	27 511	19 862	(28%)
Adjustments	968	-	1 133	1 713	2 276	2 469	3 972	
<b>Total</b>	<b>510 614</b>	<b>515 620</b>	<b>535 076</b>	<b>585 554</b>	<b>571 943</b>	<b>563 857</b>	<b>583 800</b>	4%

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### Vehicle production per OEM in Turkey

OEM	2010	2011	2012	2013	2014	2015	2016	2017	2018
Oyal Renault	307 083	330 994	310 602	331 694	318 246	339 240	339 950	365 002	336 778
Ford	242 070	295 850	272 097	281 287	244 682	334 622	333 765	373 005	373 702
Tofaş	312 245	307 788	256 428	244 614	222 807	278 254	383 495	384 174	301 750
Hyundai	77 000	90 231	86 976	102 020	203 157	226 500	230 010	226 979	203 000
Toyota	83 286	91 639	76 925	102 260	131 504	115 893	151 236	279 902	257 084
Turk Traktor	28 277	40 617	39 542	38 411	45 823	47 536	46 031	48 302	34 114
Mercedes Benz Turk	14 480	21 362	20 002	22 395	22 205	23 941	14 109	17 143	20 856
Honda	20 305	12 341	21 850	14 813	11 633	12 667	15 162	28 742	38 319
Others	40 236	43 815	30 811	28 549	18 791	31 381	22 406	26 323	22 233
Aios (Isuzu)	3 292	4 324	4 763	4 907	7 680	11 162	5 240	6 366	4 461
Otokar	2 236	3 062	2 851	4 840	3 266	4 613	2 364	2 707	2 389
TEMSA	3 367	4 060	2 354	2 918	2 500	2 922	2 613	3 539	2 549
Hattat Tarim	2 148	4 889	2 713	2 098	2 580	3 702	4 715	5 539	3 572
Karsan	24 719	22 146	15 448	12 486	1 714	7 239	5 648	6 027	6 724
MAN	1 132	1 610	1 134	1 300	1 051	1 743	1 826	2 145	2 558
BMC	3 342	3 724	1 548						
<b>Total</b>	<b>1 124 982</b>	<b>1 234 637</b>	<b>1 115 233</b>	<b>1 166 043</b>	<b>1 218 848</b>	<b>1 410 034</b>	<b>1 536 164</b>	<b>1 749 472</b>	<b>1 587 836</b>

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### Vehicle production per OEM in Romania

OEM	2012	2013	2014	2015	2016	2017	2018
Renault Dacia	327 609	327 394	284 392	342 856	338 593	313 883	335 262
Ford	9 558	7 547	30 591	68 339	52 829	49 771	141 507
<b>Total</b>	<b>337 167</b>	<b>334 941</b>	<b>314 983</b>	<b>411 195</b>	<b>391 422</b>	<b>363 654</b>	<b>476 769</b>

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