(General Standard, Real Estate)



Buy
EUR 19.30

Price EUR 15.80
Upside 22.2 %

Value Indicators:	EUR
NAV (WRe) 21e:	20.20
FFO-Yield 21e:	18.39
Market Snapshot:	EUR m
Market cap:	69.84
No. of shares (m):	4.42
Freefloat MC:	45.39
Ø Trad. Vol. (30d):	23.18 th

Share data:	
Bloomberg:	DEF GR
Reuters:	DEF.MU
ISIN:	DE000A13SUL5
Shareholders:	

ISIN:	DE000A13SUL5	
Shareholders:		I
Freefloat	65.0 %	L
MSC Invest GmbH	29.0 %	E
Geminus GmbH	4.0 %	
Supervisory board	2.0 %	

# Description: Commercial real estate company focused on retail parks in Northern and Eastern Germany

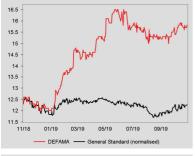
Risk Profile (WRe):	2019e
LTV:	57.2 %
Equity Ratio:	23.2 %

### Preliminary Q3 results in line; Building permit for Radeberg approved

Stated Figures Q3/2019:								
in EUR m	9M/19	9M/19e	9M/18	+/- in %				
Revenues	8.13	8.25	6.41	27%				
EBITDA	4.94	4.92	3.98	24%				
EBT	1.89	1.93	1.67	13%				
Net profit	1.42	1.44	1.31	9%				
EPS (€)	0.36	0.36	0.37	-2%				
FFO	3.25	3.27	2.66	22%				
FFO-margin	40%	40%	42%					
FFOPS (€)	0.83	0.83	0.75	11%				

### Comment on Figures:

- DEFAMA released preliminary figures yesterday (29.10.2019). Full set of numbers to be released in the first three weeks in November.
- Top-line growth of 27% was in line with our estimates, which took into consideration the somewhat volatile impact of payments for commercial tenants for annual running costs.
- EBITDA growth of 24% reflects positive portfolio growth effects from acquisitions in 2018 and in H1/19. The recently acquired properties in Remscheid and Sternberg will contribute from October and the property acquired in Wurzen from January 2020 onwards.
- As the 9M figures included costs for the capital increase and some lower rental income due to the planned re-development of Radeberg, net profit growth stood at 9%.
- The operating performance of the properties is visible in a favourable FFO improvement of 22%.
- The guidance was slightly adjusted. DEFAMA will probably fall short of the FY 2019 net profit guidance of EUR 2.2m considering the costs of the capital increase and effects from Radeberg. Nevertheless, DEFAMA should be able to exceed its FFO guidance of EUR 4.4m. Both developments are already well reflected in our estimates.
- The annualised FFO of EUR 5m should rise further on the strength of expected portfolio growth. A figure of EUR 5.3-5.4m would seem to be possible by the end of 2019 as DEFAMA is well on track with several potential acquisition targets and can avail of liquidity of ~EUR 10m based on existing credit lines and cash.
- DEFAMA received the building permission for Radeberg yesterday evening (29.10.2019) which is excellent news. The renovation can start according to plan in February 2020. Reopening should be approx. November 2020. Management plans to sell this asset after the redevelopment and has already registered a high level of interest from possible buyers. After finalisation of large contracts and the building permission management can now start concrete negotiations regarding a disposal with a forward deal. According to the management, a disposal gain of a high single-digit million seems possible. We estimate a multiple of at least 16 on rental income which would lead to a gain of ~EUR 6m and would increase NAV by more than 10% in our view
- We reiterate our Buy recommendation.



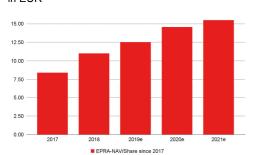
Rel. Performance vs General	
1 month:	0.5 %
6 months:	5.1 %
Year to date:	28.1 %
Trailing 12 months:	31.3 %

Company events:	

FY End: 31.12.	CAGR							
in EUR m	(18-21e)	2015	2016	2017	2018	2019e	2020e	2021e
Rental income		1.01	3.44	5.83	9.09	11.82	14.03	16.31
Change yoy		n.a.	240.6 %	69.5 %	55.9 %	30.1 %	18.8 %	16.2 %
EBIT		0.46	1.67	2.67	3.59	4.50	12.20	6.59
FFO I		0.53	1.59	2.58	3.65	4.61	5.67	6.56
FFO I-margin		52.2 %	46.2 %	44.3 %	40.1 %	39.0 %	40.4 %	40.2 %
EBT		0.36	1.11	1.77	2.25	2.79	10.24	4.31
Net income		0.30	0.89	1.36	1.68	2.13	8.33	3.29
EPS		0.13	0.25	0.38	0.46	0.52	1.88	0.74
FFOPS I		0.24	0.54	0.73	1.01	1.14	1.28	1.48
DPS		0.10	0.20	0.34	0.40	0.45	0.51	0.59
Dividend Yield		n.a.	3.8 %	3.8 %	3.4 %	2.9 %	3.2 %	3.8 %
Book Value / Share		2.57	3.00	3.18	4.10	5.41	6.78	6.93
P/E		n.a.	20.9 x	23.2 x	25.0 x	30.2 x	8.4 x	21.2 x
Price / Book		n.a.	1.4 x	2.8 x	2.6 x	2.9 x	2.3 x	2.3 x
P / NAVPS		n.a.	1.0 x	1.1 x	1.2 x	1.4 x	1.2 x	1.1 x
FFO I-Yield		n.a.	10.4 %	8.2 %	8.7 %	7.2 %	8.1 %	9.4 %
ROE		n.a.	10.9 %	12.4 %	12.3 %	10.7 %	30.9 %	10.9 %
LTV		50.8 %	38.9 %	55.7 %	59.9 %	57.2 %	55.3 %	58.2 %
Guidance:	2019e: FFO o	f EUR ~4.4m	n, Net profit (H	HGB) of EUR	2.2m			



# **EPRA-NAV** per share development in EUR



Source: Warburg Research

# FFO per share development in EUR 1.500 1.250 1.000 0.750 0.500 0.250 0.000 2015 2016 2017 2018 2019e 2020e 2021e

Source: Warburg Research

### **Company Background**

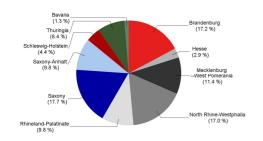
- Founded in 2014 and headquartered in Berlin, DEFAMA focuses on the acquisition, ownership and management of retail parks in German small and medium-sized cities, predominantly in Northern and Eastern Germany.
- The investment strategy is to "buy and hold" assets with high occupancy and minor capex needs for a maximum purchase price of 9x annual rent.
- Investment volumes are EUR 1 5 million per asset. Anchor tenants are nationwide retailers.

### **Competitive Quality**

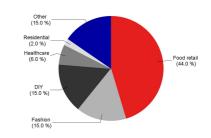
- Real estate competence: founder, major shareholder and CEO Matthias Schrade, previously oversaw as a board member responsible for acquisitions for a non-listed real estate company based in Munich.
- Focus on leading centers in smaller cities ("big fish in a small pond").
- Strong access to local public banks networks, for whom real estate financings for DEFAMA projects are large and important deals. They in turn know smaller tenants well.
- Focus on leading centers in smaller cities ("big fish in a small pond").

# Geographical breakdown of rental income

% of total rental income



# Rental income by sector % of rental income



Source: Warburg Research

2



Valuation							
	2015	2016	2017	2018	2019e	2020e	2021e
P/E	n.a.	20.9 x	23.2 x	25.0 x	30.2 x	8.4 x	21.2 x
P / NAVPS	n.a.	1.0 x	1.1 x	1.2 x	1.4 x	1.2 x	1.1 x
Price / Book	n.a.	1.4 x	2.8 x	2.6 x	2.9 x	2.3 x	2.3 x
P / FFOPS I	n.a.	9.6 x	12.2 x	11.5 x	13.9 x	12.3 x	10.7 x
FFO I-Yield	n.a.	10.4 %	8.2 %	8.7 %	7.2 %	8.1 %	9.4 %
ROE	n.a.	10.9 %	12.4 %	12.3 %	10.7 %	30.9 %	10.9 %
Equity Ratio	32 %	32 %	21 %	19 %	23 %	24 %	22 %

Company Specific Items							
	2015	2016	2017	2018	2019e	2020e	2021e
EPRA-NAV/Share since 2017 Vacancy Rate	3.28 2.5 %	5.14 2.7 %	8.42 2.7 %	11.02 4.3 %	12.52 5.0 %	14.56 5.0 %	15.49 4.0 %

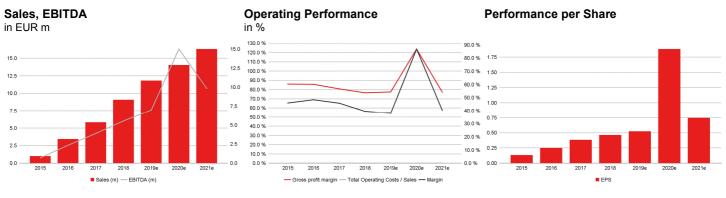




Consolidated profit and loss							
In EUR m	2015	2016	2017	2018	2019e	2020e	2021
Total Sales	1.01	3.44	5.83	9.09	11.82	14.03	16.31
Rental income	1.01	3.44	5.83	9.09	11.82	14.03	16.31
Change yoy	n.a.	240.6 %	69.5 %	55.9 %	30.1 %	18.8 %	16.2 %
Property operating costs	0.15	0.60	1.24	2.21	2.78	3.30	3.83
Property management costs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rental profit	0.86	2.84	4.58	6.87	9.04	10.74	12.48
Income from property sales	0.00	0.00	0.00	0.00	0.00	6.50	0.00
Other revenues	0.00	0.11	0.12	0.08	0.12	0.14	0.13
Gross profit	0.87	2.95	4.70	6.95	9.16	17.38	12.61
Administration expenses	0.12	0.38	0.35	0.70	0.70	1.19	1.39
Personnel expenses	0.05	0.20	0.47	0.72	0.99	1.18	1.37
Other operating income/expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unfrequent items	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a
EBITDA	0.69	2.36	3.89	5.53	6.98	15.00	9.85
Valuation result	0.00	0.00	0.00	0.00	0.00	6.50	0.00
Depreciation of fixed assets	-0.23	0.69	1.22	1.95	2.48	2.81	3.26
EBITA	0.46	1.67	2.67	3.59	4.50	12.20	6.59
Amortisation of intangible assets/Goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBIT	0.46	1.67	2.67	3.59	4.50	12.20	6.59
Interest income	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Interest expenses	0.11	0.56	0.90	1.34	1.71	1.95	2.28
Other financial income (loss)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Financial result	-0.11	-0.56	-0.90	-1.34	-1.71	-1.95	-2.28
EBT	0.36	1.11	1.77	2.25	2.79	10.24	4.31
Margin	35.4 %	32.2 %	30.4 %	24.8 %	23.6 %	73.0 %	26.4 %
Total taxes	-0.06	-0.22	-0.41	-0.55	-0.64	-0.64	-0.64
thereof cash taxes	-0.06	-0.22	-0.41	-0.55	-0.64	-1.90	-0.99
Net income from continuing operations	0.30	0.89	1.36	1.70	2.15	8.35	3.32
Income from discontinued operations (net of tax)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income before minorities	0.30	0.89	1.36	1.70	2.15	8.35	3.32
Minority interest	0.00	0.00	0.00	0.02	0.02	0.02	0.02
Net income	0.30	0.89	1.36	1.68	2.13	8.33	3.29
Number of shares, average	2.16	2.92	3.55	3.62	4.06	4.42	4.42
FFO (II)	0.53	1.59	2.58	3.65	4.61	5.67	6.56
FFO I-margin	52.2 %	46.2 %	44.3 %	40.1 %	39.0 %	40.4 %	40.2 %
FFOPS I	0.24	0.54	0.73	1.01	1.14	1.28	1.48
EPS	0.13	0.25	0.38	0.46	0.52	1.88	0.74
EPS adj.	0.13	0.25	0.38	0.43	0.48	1.88	0.74
*Adjustments made for:							

### Guidance: 2019e: FFO of EUR ~4.4m, Net profit (HGB) of EUR 2.2m

Financial Ratios							
	2015	2016	2017	2018	2019e	2020e	2021e
Property operating costs / Rental Income	14.4 %	17.3 %	21.4 %	24.4 %	23.5 %	23.5 %	23.5 %
Operating Leverage (Real Estate)	n.a.	1.3 x	2.3 x	2.5 x	4.2 x	6.6 x	7.1 x
Rental profit / interest expenses	7.5 x	5.1 x	5.1 x	5.1 x	5.3 x	5.5 x	5.5 x



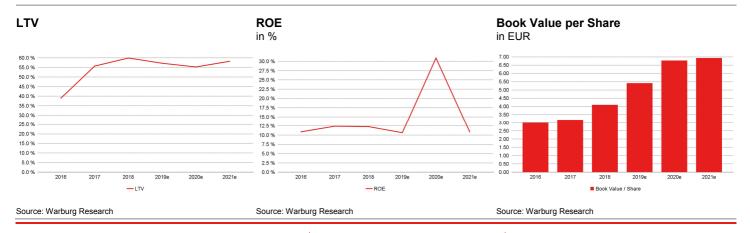
Source: Warburg Research Source: Source: Warburg Research





Consolidated balance sheet							
In EUR m	2015	2016	2017	2018	2019e	2020e	2021
Assets							
Goodwill and other intangible assets	0.00	0.01	0.01	0.01	0.00	0.00	0.00
thereof other intangible assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thereof Goodwill	0.00	0.01	0.01	0.01	0.00	0.00	0.0
Property, plant and equipment	0.00	0.03	0.03	0.08	0.08	0.08	0.0
Investment properties	14.23	31.41	51.96	81.10	98.62	110.31	127.0
Financial assets	0.04	0.05	0.24	0.26	0.26	0.26	0.20
Other long-term assets	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Fixed assets	14.28	31.50	52.24	81.44	98.96	110.65	127.39
Inventories	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Accounts receivable	0.04	0.12	0.22	0.51	0.00	0.51	0.5
Liquid assets	3.71	1.46	2.49	2.80	4.59	14.37	13.3
Other short-term assets	-1.52	1.97	0.83	0.59	-0.17	-10.46	-9.4
Current assets	3.83	1.75	3.17	4.34	5.70	15.48	14.4
Total Assets	18.10	33.25	55.41	85.79	104.66	126.13	141.8
Liabilities and shareholders' equity							
Subscribed capital	2.23	3.55	3.55	3.90	4.42	4.42	4.4
Capital reserve	2.21	6.15	6.15	10.03	17.31	17.31	17.3
Retained earnings	1.28	0.94	1.59	2.06	2.18	8.24	8.9
Other equity components	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Shareholders' equity	5.72	10.64	11.29	15.99	23.91	29.97	30.6
Minority interest	0.00	0.00	0.10	0.38	0.38	0.38	0.3
Provisions	0.06	0.20	0.36	1.01	0.43	0.43	0.4
thereof provisions for pensions and similar obligations	0.03	0.10	0.18	0.21	0.21	0.21	0.2
Financial liabilities (total)	12.24	20.83	43.07	67.79	78.10	93.37	108.2
thereof short-term financial liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Accounts payable	0.02	0.08	0.19	0.30	0.30	0.30	0.3
Other liabilities	0.07	1.51	0.51	0.70	1.93	2.07	2.2
Liabilities	12.38	22.61	44.13	69.79	80.75	96.17	111.2
Total liabilities and shareholders' equity	18.10	33.25	55.41	85.79	104.66	126.13	141.8

Financial Ratios							
	2015	2016	2017	2018	2019e	2020e	2021e
Return on Capital							
ROA	n.a.	3.5 %	3.1 %	2.4 %	2.2 %	7.2 %	2.5 %
ROE	n.a.	10.9 %	12.4 %	12.3 %	10.7 %	30.9 %	10.9 %
FFO I / Equity	n.a.	0.2 x	0.2 x	0.3 x	0.2 x	0.2 x	0.2 x
Solvency							
Net Debt	8.56	19.46	40.76	65.20	73.72	79.21	95.10
Net Financial Debt	8.53	19.37	40.58	64.99	73.51	79.00	94.89
Net Fin. Debt / EBITDA	12.3 x	8.2 x	10.4 x	11.7 x	10.5 x	5.3 x	9.6 x
LTV	50.8 %	38.9 %	55.7 %	59.9 %	57.2 %	55.3 %	58.2 %
Equity Ratio	31.6 %	32.0 %	20.5 %	19.1 %	23.2 %	24.1 %	21.9 %

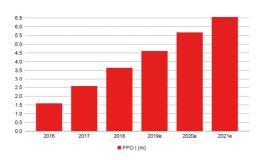




Consolidated cash flow statement							
In EUR m	2015	2016	2017	2018	2019e	2020e	2021e
Net cash provided by operating activities [1]	0.36	1.65	2.76	3.42	4.73	11.27	6.72
Net cash provided by investing activities [2]	-14.32	-17.92	-21.95	-31.12	-20.00	-9.00	-20.00
Net cash provided by financing activities [3]	3.71	14.02	20.23	28.01	17.06	7.50	12.26
Change in liquid funds [1]+[2]+[3]	n.a.	-2.25	1.03	0.31	1.79	9.78	-1.02
Effects of exchange-rate changes on cash	n.a.	0.00	0.00	0.00	0.00	0.00	0.00
Cash and cash equivalent at end of period	n.a.	1.46	2.49	2.80	4.59	14.37	13.35

Financial Ratios							
	2015	2016	2017	2018	2019e	2020e	2021e
Cash Flow							
FFO (II)	0.53	1.59	2.58	3.65	4.61	5.67	6.56
FFOPS I	0.24	0.54	0.73	1.01	1.14	1.28	1.48
FFOPS I diluted	0.24	0.45	0.73	0.94	1.04	1.28	1.48
FFO I-Yield	n.a.	10.4 %	8.2 %	8.7 %	7.2 %	8.1 %	9.4 %
FFO I-margin	52.2 %	46.2 %	44.3 %	40.1 %	39.0 %	40.4 %	40.2 %
Interest Paid / Avg. Debt	n.a.	3.4 %	2.8 %	2.4 %	2.3 %	2.3 %	2.3 %
Management of Funds							
Capex/Investment Properties	n.a.	-57.0 %	-42.3 %	-38.4 %	-20.3 %	-8.2 %	-15.7 %
Avg. Working Capital / Sales	n.a.	0.9 %	0.7 %	1.4 %	-0.4 %	-0.3 %	1.3 %
Dividend Payout Ratio	72.8 %	65.7 %	88.6 %	85.1 %	85.8 %	27.2 %	79.1 %

### FFO



Source: Warburg Research



### **LEGAL DISCLAIMER**

This research report ("investment recommendation") was prepared by the Warburg Research GmbH, a fully owned subsidiary of the M.M.Warburg & CO (AG & Co.) KGaA and is passed on by the M.M.Warburg & CO (AG & Co.) KGaA. It is intended solely for the recipient and may not be passed on to another company without their prior consent, regardless of whether the company is part of the same corporation or not. It contains selected information and does not purport to be complete. The investment recommendation is based on publicly available information and data ("information") believed to be accurate and complete. Warburg Research GmbH neither examines the information for accuracy and completeness, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the information do not constitute grounds for liability of M.M.Warburg & CO (AG & Co.) KGaA or Warburg Research GmbH for damages of any kind whatsoever, and M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are not liable for indirect and/or direct and/or consequential damages. In particular, neither M.M.Warburg & CO (AG & Co.) KGaA nor Warburg Research GmbH are liable for the statements, plans or other details contained in these investment recommendations concerning the examined companies, their affiliated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this investment recommendation, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the information contained in this investment recommendation. Provided a investment recommendation is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH shall be restricted to gross negligence and wilful misconduct. In case of failure in essential tasks, M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH is limited to typical, expectable damages. This investment recommendation does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO (AG & Co.) KGaA, Warburg Research GmbH or affiliated companies may serve in a position of responsibility, i.e. on the board of directors of companies mentioned in the report. Opinions expressed in this investment recommendation are subject to change without notice. All rights reserved.

### **COPYRIGHT NOTICE**

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

# DISCLOSURE ACCORDING TO §85 OF THE GERMAN SECURITIES TRADING ACT (WPHG), MAR AND MIFID II INCL. COMMISSION DELEGATED REGULATION (EU) 2016/958 AND (EU) 2017/565

The valuation underlying the investment recommendation for the company analysed here is based on generally accepted and widely used methods of fundamental analysis, such as e.g. DCF Model, Free Cash Flow Potential, Peer Group Comparison or Sum of the Parts Model (see also <a href="http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation">http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation</a>). The result of this fundamental valuation is modified to take into consideration the analyst's assessment as regards the expected development of investor sentiment and its impact on the share price.

Independent of the applied valuation methods, there is the risk that the price target will not be met, for instance because of unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, tax rate etc. For investments in foreign markets and instruments there are further risks, generally based on exchange rate changes or changes in political and social conditions.

This commentary reflects the opinion of the relevant author at the point in time of its compilation. A change in the fundamental factors underlying the valuation can mean that the valuation is subsequently no longer accurate. Whether, or in what time frame, an update of this commentary follows is not determined in advance.

Additional internal and organisational arrangements to prevent or to deal with conflicts of interest have been implemented. Among these are the spatial separation of Warburg Research GmbH from M.M.Warburg & CO (AG & Co.) KGaA and the creation of areas of confidentiality. This prevents the exchange of information, which could form the basis of conflicts of interest for Warburg Research in terms of the analysed issuers or their financial instruments

The analysts of Warburg Research GmbH do not receive a gratuity – directly or indirectly – from the investment banking activities of M.M.Warburg & CO (AG & Co.) KGaA or of any company within the Warburg-Group.

All prices of financial instruments given in this investment recommendation are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are subject to the supervision of the Federal Financial Supervisory Authority, BaFin. M.M.Warburg & CO (AG & Co.) KGaA is additionally subject to the supervision of the European Central Bank (ECB).

### SOURCES

All data and consensus estimates have been obtained from FactSet except where stated otherwise.



### Additional information for clients in the United States

- 1. This research report (the "Report") is a product of Warburg Research GmbH, Germany, a fully owned subsidiary of M.M.Warburg & CO (AG & Co.) KGaA, Germany (in the following collectively "Warburg"). Warburg is the employer of the research analyst(s), who have prepared the Report. The research analyst(s) reside outside the United States and are not associated persons of any U.S. regulated broker-dealer and therefore are not subject to the supervision of any U.S. regulated broker-dealer.
- 2. The Report is provided in the United States for distribution solely to "major U.S. institutional investors" under Rule 15a-6 of the U.S. Securities Exchange Act of 1934.
- 3. Any recipient of the Report should effect transactions in the securities discussed in the Report only through J.P.P. Euro-Securities, Inc., Delaware.
- 4. J.P.P. Euro-Securities, Inc. does not accept or receive any compensation of any kind for the dissemination of the research reports from Warburg.

# Reference in accordance with section 85 of the German Securities Trading Act (WpHG) and Art. 20 MAR regarding possible conflicts of interest with companies analysed:

- -1- Warburg Research, or an affiliated company, or an employee of one of these companies responsible for the compilation of the research, hold a **share of more than 5**% of the equity capital of the analysed company.
- Warburg Research, or an affiliated company, within the last twelve months participated in the **management of a consortium** for an issue in the course of a public offering of such financial instruments, which are, or the issuer of which is, the subject of the investment recommendation.
- Companies affiliated with Warburg Research **manage financial instruments**, which are, or the issuers of which are, subject of the investment recommendation, in a market based on the provision of buy or sell contracts.
- MMWB, Warburg Research, or an affiliated company, reached an agreement with the issuer to provide **investment banking and/or investment services** and the relevant agreement was in force in the last 12 months or there arose for this period, based on the relevant agreement, the obligation to provide or to receive a service or compensation provided that this disclosure does not result in the disclosure of confidential business information.
- The company compiling the analysis or an affiliated company had reached an **agreement on the compilation of the investment recommendation** with the analysed company.
- -6- Companies affiliated with Warburg Research regularly trade financial instruments of the analysed company or derivatives of these.
- -6a- Warburg Research, or an affiliated company, holds a **net long position of more than 0.5%** of the total issued share capital of the analysed company.
- -6b- Warburg Research, or an affiliated company, holds a **net short position of more than 0.5%** of the total issued share capital of the analysed company.
- -6c- The issuer holds shares of more than 5% of the total issued capital of Warburg Research or an affiliated company.
- -7- The company preparing the analysis as well as its affiliated companies and employees have **other important interests** in relation to the analysed company, such as, for example, the exercising of mandates at analysed companies.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
DEFAMA Deutsche Fachmarkt AG	2, 4, 5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A13SUL5.htm



100

### INVESTMENT RECOMMENDATION

Total

Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
<u>"_"</u>	Rating suspended:	The available information currently does not permit an evaluation of the company.

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING						
Rating	Number of stocks	% of Universe				
Buy	119	60				
Hold	70	35				
Sell	7	4				
Rating suspended	4	2				

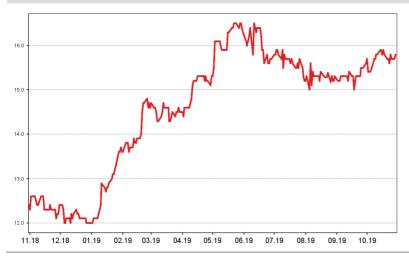
200

### WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	33	79
Hold	7	17
Sell	0	0
Rating suspended	2	5
Total	42	100

### PRICE AND RATING HISTORY DEFAMA DEUTSCHE FACHMARKT AG AS OF 30.10.2019



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



EQUITIES			
Matthias Rode	+49 40 3282-2678		
Head of Equities	mrode@mmwarburg.com		
RESEARCH			
Michael Heider Head of Research	+49 40 309537-280 mheider@warburg-research.com	Andreas Pläsier Banks, Financial Services	+49 40 309537-246 aplaesier@warburg-research.com
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Franz Schall Automobiles, Car Suppliers	+49 40 309537-230 fschall@warburg-research.com
Jan Bauer Renewables	+49 40 309537-155 jbauer@warburg-research.com	Malte Schaumann Technology	+49 40 309537-170 mschaumann@warburg-research.com
Jonas Blum Telco, Construction	+49 40 309537-240 jblum@warburg-research.com	Patrick Schmidt Leisure, Internet	+49 40 309537-125 pschmidt@warburg-research.com
Christian Cohrs	+49 40 309537-175	Oliver Schwarz	+49 40 309537-250
Industrials & Transportation Felix Ellmann	ccohrs@warburg-research.com +49 40 309537-120	Chemicals, Agriculture  Cansu Tatar	oschwarz@warburg-research.com +49 40 309537-248
Software, IT Jörg Philipp Frey	fellmann@warburg-research.com +49 40 309537-258	Cap. Goods, Engineering  Marc-René Tonn	ctatar@warburg-research.com +49 40 309537-259
Retail, Consumer Goods  Marius Fuhrberg	jfrey@warburg-research.com +49 40 309537-185	Automobiles, Car Suppliers  Robert-Jan van der Horst	mtonn@warburg-research.com +49 40 309537-290
Financial Services	mfuhrberg@warburg-research.com	Technology	rvanderhorst@warburg-research.com
<b>Ulrich Huwald</b> Health Care, Pharma	+49 40 309537-255 uhuwald@warburg-research.com	Andreas Wolf Software, IT	+49 40 309537-140 awolf@warburg-research.com
Philipp Kaiser Real Estate	+49 40 309537-260 pkaiser@warburg-research.com		
Thilo Kleibauer Retail, Consumer Goods	+49 40 309537-257 tkleibauer@warburg-research.com		
Eggert Kuls Engineering	+49 40 309537-256 ekuls@warburg-research.com		
INSTITUTIONAL EQUI			
Marc Niemann	+49 40 3282-2660	Matthias Fritsch	+49 40 3282-2696
Head of Equity Sales, Germany	mniemann@mmwarburg.com	United Kingdom	mfritsch@mmwarburg.com
Klaus Schilling	+49 40 3282-2664	Tobias Hald	+49 40 3282-2695
Head of Equity Sales, Germany <b>Tim Beckmann</b>	kschilling@mmwarburg.com +49 40 3282-2665	United Kingdom  Christopher Seedorf	thald@mmwarburg.com +49 69 5050-7414
United Kingdom	tbeckmann@mmwarburg.com	Switzerland	cseedorf@mmwarburg.com
Lyubka Bogdanova	+49 69 5050-7411		
Ireland, Poland, Australia	lbogdanova@mmwarburg.com		
Jens Buchmüller	+49 69 5050-7415	Sophie Hauer	+49 69 5050-7417
Scandinavia, Austria	jbuchmueller@mmwarburg.com +49 40 3282-2669	Roadshow/Marketing	shauer@mmwarburg.com +49 40 3282-2694
Alexander Eschweiler Germany	aeschweiler@mmwarburg.com	Juliane Niemann Roadshow/Marketing	jniemann@mmwarburg.com
SALES TRADING			
Oliver Merckel	+49 40 3282-2634	Bastian Quast	+49 40 3282-2701
Head of Sales Trading	omerckel@mmwarburg.com	Sales Trading	bquast@mmwarburg.com
Elyaz Dust Sales Trading	+49 40 3282-2702 edust@mmwarburg.com	<b>Jörg Treptow</b> Sales Trading	+49 40 3282-2658 jtreptow@mmwarburg.com
Michael Ilgenstein Sales Trading	+49 40 3282-2700 milgenstein@mmwarburg.com	Jan Walter Sales Trading	+49 40 3282-2662 jwalter@mmwarburg.com
MACRO RESEARCH	3 6		, 0
Carsten Klude Macro Research	+49 40 3282-2572 cklude@mmwarburg.com	Dr. Christian Jasperneite Investment Strategy	+49 40 3282-2439 cjasperneite@mmwarburg.com
Our research can be f		investment orditegy	gaspernette@mmwarburg.com
Warburg Research	research.mmwarburg.com/en/index.html	Thomson Reuters	www.thomsonreuters.com
Bloomberg	MMWA GO	Capital IQ	www.capitaliq.com
FactSet	www.factset.com	ouplier is	www.capitanq.com
For access please conta	ect:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com