## CR Energy AG

Germany / Investment Holding Primary exchange: Frankfurt Bloomberg: CRZK GR ISIN: DE000A2GS625

2023 prelims & cap hike

RATING	BUY
PRICE TARGET	€ 48.00
Return Potential	94.3%
Risk Rating	High
Return Potential	94.3%

## SET TO EXTEND GROWTH TRAJECTORY

CR Energy reported preliminary 2023 KPIs showing another good financial performance during the ongoing property downturn. EBIT tallied €65m vs €75m in 2022 (FBe: €76m). The Y/Y decline stems from lower portfolio revaluations booked in 2023 than the prior year. Meanwhile, operating cash flow climbed 8% Y/Y to €4.0 per share allowing CRE to exit 2023 with cash and equivalents totalling €19.5m (YE22: €16.3m). InJanuary, the investment holding also successfully completed a rights issuance. All 232,610 offered shares were subscribed at €15 per share for gross proceeds of €3.5m. CRE should be able to deploy its topped up coffers at Solartec, CR Opportunities, and Terrabau all of which are aiming to capitalise on attractive growth opportunities this year. We are Buy-rated on CRE with a €48 TP.

**Share placement sets up 2024** Solartec's nascent operations are dovetailing well with Terrabau's green home construction business. The PV system integrator works in concert with the home builder outfitting townhomes and condos with rooftop solar rigs. Now CR Energy (CRE) wants to marshal its green home expertise to help tackle Germany's aging residential stock. CR Opportunities, the third core holding, will add European Long-Term Investment Funds (ELTIF) to its financing toolbox to support the upcoming home revitalisation campaign, and we suspect the cash will be deployed to realise ELTIF plans. The company also has a good acquisition pipeline for Terrabau's home construction business, and CRE is keen to bolster its position in the renewable space. In short, there is no shortage of targets for the increased financial firepower.

**Equity story remains underappreciated** Over the past three years, CRE has evolved away from its roots as a pure-play property developer into an investment entity that has diversified into sustainable technologies that play off of each other. But the underwhelming share price suggests investors have remained somewhat nonplussed and continue to view CR Energy through a ... (p.t.o.)

#### **FINANCIAL HISTORY & PROJECTIONS**

	2019	2020	2021	2022	2023E	2024E
Investment rev. (€m)	93.60	64.38	68.91	77.91	66.89	82.81
Y/Y growth	n.a.	-31.2%	7.0%	13.1%	-14.2%	23.8%
EBIT (€m)	91.23	51.19	66.44	76.26	65.18	87.05
EBIT margin	97.5%	79.5%	96.4%	97.9%	97.4%	105.1%
Net income (€m)	92.47	51.27	65.39	75.31	64.20	85.75
EPS (diluted) (€)	24.69	13.65	17.11	18.06	13.65	14.80
DPS (€)	1.50	1.50	2.50	2.50	2.50	2.50
NAVPS (€)	33.30	47.50	59.44	69.43	67.28	77.92
Net gearing	4.7%	-0.5%	-0.6%	-5.1%	-5.2%	-8.5%
Liquid assets (€m)	1.07	0.84	1.49	16.03	19.48	38.61

#### **RISKS**

Risks include but are not limited to: increasing competition, the company's focus on the residential market in Berlin, and the loss of key personnel.

#### **COMPANY PROFILE**

CR Energy is a Berlin-based investment holding focused on growth opportunities in the sustainable technology, private equity, and residential property development sectors in order to positively impact key social issues such as climate change, pension planning, and affordable housing. The company is listed on the Open Market of the Frankfurt Stock Exchange.

MARKET DA	As of 25	5 Mar 2024	
Closing Price		€ 24.70	
Shares outstan	ding		5.58m
Market Capitali	€	137.75m	
52-week Range	9	€ 22.7	0 / 32.90
Avg. Volume (1		1,244	
Multiples	2022	2023E	2024E
P/NAV	0.4	0.4	0.3
EV/Sales	1.6	1.9	1.5
EV/EBIT	1.6	1.9	1.4
Div. Yield	10.1%	10.1%	10.1%

#### **STOCK OVERVIEW**



COM	PANY DATA	As of 30 Jun 2023
Liquic	Assets	€ 13.37m
Curre	nt Assets	€ 14.59m
Finan	cial Assets	€ 358.56m
Total	Assets	€ 373.31m
Curre	nt Liabilities	€ 3.24m
Share	holders' Equity	€ 366.24m
SHA	REHOLDERS	
MPH	Group	59.0%
Free	Float	41.0%

... myopic, overwhelmingly property-focused lens. Given the tough times facing landlords and home builders, sector skepticism will likely persist while interest rate remain elevated. This could in turn weigh on CRE shares, until investor perception fully shifts.

That said, we believe CRE's portfolio is well positioned and offers unique synergies to capitalize on major trends in renewable energy, affordable green housing, and wealth management with the former having moved to the operational forefront. As CRE continues to register good top line growth and high profitability, we think the power of its well-diversified portfolio will become self-evident to even the most jaded investors.

### VALUATION MODEL

The share count rises to 5.88m after the rights issue plus the 0.6m shares issued last fall to acquire the remaining 20% stake in Solartec. We have adjusted our discounted dividend model accordingly. We have also lowered the risk free rate of 2.50% in our cost of equity calculation (old: 2.9%) to mirror the decline in 10 year German bond yields. The effects offset each other, and our TP stays at  $\in$ 48.

	Unit	2023E	2024E	2025E	2026E	2027E	2028E	τv
EPS	€	13.7	14.8	17.1	19.9	22.6	23.5	29.6
Payout ratio	%	17	17	15	15	15	15	15
Dividend (DPS)	€	2.5	2.5	2.6	3.0	3.4	3.5	4.4
NPV	€	2.5	2.3	2.2	2.3	2.4	2.2	24.3
CAGR 2023 -2028	%	5.8						
Terminal grow th rate	%	2.5						
Discount factor	%	9.9						
NPV of dividends	€	23.8						
Terminal value (TV)	€	24.3						
Fair value per share	€	48.0						

#### Figure 1: Discounted dividend model

\*Our model runs through 2033 and we have only shown the abbreviated version for formatting purposes

Cost of equity	9.9%	After-tax cost of debt	6.4%
Pre-tax cost of debt	6.5%	Share of equity capital	100.0%
Tax rate	2.0%	Share of debt capital	0.0%
WACC	9.9%		

## **INCOME STATEMENT**

in € '000	2019	2020	2021	2022	2023E	2024E
Investment income	93,604	64,378	68,914	77,914	66,885	82,807
Other operating income	1,172	156	942	1,493	1,523	1,553
Personnel expenses	-1,494	-815	-828	-938	-966	-985
Other impairments	0	-10,203	0	0	0	0
Other operating expenses	-2,878	-2,326	-2,540	-2,167	-2,232	-2,277
EBITDA	91,267	51,190	66,488	76,302	65,210	81,098
Depreciation & amortisation	-40	0	-47	-40	-35	-35
Operating income (EBIT)	91,227	51,190	66,441	76,262	65,175	81,063
Interest expense	-254	-207	-178	-131	0	0
Interest income	368	282	160	0	0	0
Pre-tax income (EBT)	91,341	51,265	66,423	76,131	65,175	81,063
Tax expense	1,129	0	-1,032	-826	-978	-1,306
Minority expense	0	0	0	0	0	0
Net income / loss	92,470	51,265	65,391	75,305	64,198	79,758
Diluted EPS (in €)	24.7	13.6	17.1	18.1	13.7	16.5
Ratios	<i></i>					
EBITDA margin on revenues	97.5%	79.5%	96.5%	97.9%	97.5%	97.9%
EBIT margin on revenues	97.5%	79.5%	96.4%	97.9%	97.4%	97.9%
Net margin on revenues	98.8%	79.6%	94.9%	96.7%	96.0%	96.3%
Tax rate	-1.2%	0.0%	1.6%	1.5%	1.5%	1.5%
Expenses as % of revenues						
Personnel expenses	1.6%	1.3%	1.2%	1.2%	1.4%	1.2%
Other operating expenses	3.1%	3.6%	3.7%	2.8%	3.3%	2.7%
Y-Y Growth						
Revenues	n.m.	-31.2%	7.0%	13.1%	-14.2%	23.8%
Operating income	n.m.	-43.9%	29.8%	14.8%	-14.5%	24.4%
Net income/ loss	n.m.	-44.6%	27.6%	15.2%	-14.7%	24.2%

## **BALANCE SHEET**

in € '000	2019	2020	2021	2022	2023E	2024E
Assets						
Current assets, total	19,282	18,888	2,306	16,603	20,073	39,218
Cash and cash equivalents	1,071	841	1,486	16,032	19,484	38,612
Accounts receivable	285	0	0	0	0	0
Other ST assets	13,605	18,047	820	571	588	606
Non-current assets, total	117,622	169,577	245,714	305,289	363,346	422,261
Intangible assets & goodw ill	6,586	5	77	69	79	89
Tangible assets	105	96	77	62	72	82
Financial assets	100,531	169,476	245,560	305,158	363,195	422,090
Total assets	136,904	188,465	248,020	321,892	383,419	461,479
Shareholders' equity & debt						
Current liabilities, total	2,821	173	146	76	84	92
Accounts payable	1,136	173	146	76	84	92
ST debt	1,685	0	0	0	0	0
Long-term liabilities, total	8,992	10,315	7,090	7,589	8,121	8,694
Deferred tax liabilities	2,353	1,445	2,324	3,148	3,463	3,809
Provisions	1,253	50	119	174	177	181
Other LT liabilities	176	8,820	4,647	4,267	4,480	4,704
LT debt	5,210	0	0	0	0	0
Shareholders' equity, total	125,091	177,977	240,784	314,227	375,214	452,692
Total consolidated equity and debt	136,904	188,465	248,020	321,892	383,419	461,479
Ratios						
Current ratio (x)	6.8	109.2	15.8	218.5	240.1	426.5
Net debt / (cash)	5,824	-841	-1,486	-16,032	-19,484	-38,612
Net debt /EBITDA (x)	0.1	n.a.	n.a.	n.a.	n.a.	n.a.
Dividend cover (x)	-2.3	-0.3	-0.2	1.7	1.9	2.5
Net gearing	5%	0%	-1%	-5%	-5%	-9%
Equity ratio	91%	94%	97%	98%	98%	98%
NAV	125,091	177,977	240,784	314,227	375,214	452,692
NAVPS (€)	33.3	47.5	59.4	69.4	67.3	77.9

\* IFRS 10 reporting as of 2019

## **CASH FLOW STATEMENT**

n € '000	2019	2020	2021	2022	2023E	2024E
Net income	92,470	51,265	65,391	75,305	64,198	85,745
Depreciation & amortisation	40	10,203	47	40	35	35
Result from at equity participations	-89,589	-61,293	-54,993	-44,328	-44,737	-58,894
Financial result	-114	-75	18	131	0	0
Tax Result	-1,131	0	1,032	826	978	1,306
Change in w orking capital	-4,108	-426	3,983	-14,527	522	565
Operating cash flow	-2,432	-326	15,478	17,447	20,995	28,756
Tax paid	-78	0	-1,032	-826	-978	-1,306
Net operating cash flow	-2,510	-326	14,446	16,621	20,017	27,450
Cash flow from investing	-372	647	-11,145	-215	-13,355	-55
Dividend paid to shareholders	-2,809	0	-5,619	-1,729	-3,210	-11,757
Dividends received	0	0	3,141	0	0	0
Debt inflow, net	3,402	0	0	0	0	0
Equity inflow, net	0	0	0	0	0	3,489
Interest expense	-253	-207	-178	-131	0	0
Cash flow from financing	340	-207	-2,656	-1,860	-3,210	-8,267
Cash, start of the year	3,940	1,071	841	1,486	16,032	19,484
Consolidation changes	-327	-344	0	0	0	0
Change in cash, net	-2,542	114	645	14,546	3,452	19,128
Cash, end of the year	1,071	841	1,486	16,032	19,484	38,612
Free cash flow (FCF)	-2,882	321	3,301	16,406	6,662	27,395
FCFPS (in €)	-0.8	0.1	0.9	3.9	1.4	4.7
Y-Y Growth						
Net operating cash flow	n.m.	n.m.	n.m.	15.1%	20.4%	37.1%
Free cash flow	n.m.	n.m.	928.3%	397.0%	-59.4%	311.2%
FCFPS	n.m.	n.m.	910.9%	355.6%	-64.0%	233.6%

\* IFRS 10 reporting as of 2019

#### Imprint / Disclaimer

#### **First Berlin Equity Research**

First Berlin Equity Research GmbH ist ein von der BaFin betreffend die Einhaltung der Pflichten des §85 Abs. 1 S. 1 WpHG, des Art. 20 Abs. 1 Marktmissbrauchsverordnung (MAR) und der Markets Financial Instruments Directive (MiFID) II, Markets in Financial Instruments Directive (MiFID) II Durchführungsverordnung und der Markets in Financial Instruments Regulations (MiFIR) beaufsichtigtes Unternehmen.

First Berlin Equity Research GmbH is one of the companies monitored by BaFin with regard to its compliance with the requirements of Section 85 (1) sentence 1 of the German Securities Trading Act [WpHG], art. 20 (1) Market Abuse Regulation (MAR) and Markets in Financial Instruments Directive (MiFID) II, Markets in Financial Instruments Directive (MiFID) II Commission Delegated Regulation and Markets in Financial Instruments Regulations (MiFIR).

Anschrift: First Berlin Equity Research GmbH Friedrichstr. 34 10117 Berlin Germany

Vertreten durch den Geschäftsführer: Martin Bailey

Telefon: +49 (0) 30-80 93 9 680 Fax: +49 (0) 30-80 93 9 687 E-Mail: <u>info@firstberlin.com</u>

Amtsgericht Berlin Charlottenburg HR B 103329 B UST-Id.: 251601797 Ggf. Inhaltlich Verantwortlicher gem. § 6 MDStV First Berlin Equity Research GmbH

#### Authored by: Ellis Acklin, Senior Analyst All publications of the last 12 months were authored by Ellis Acklin.

Company responsible for preparation: First Berlin Equity Research GmbH, Friedrichstraße 69, 10117 Berlin

The production of this recommendation was completed on 26 March 2024 at 09:43

#### Person responsible for forwarding or distributing this financial analysis: Martin Bailey

**Copyright 2024 First Berlin Equity Research GmbH** No part of this financial analysis may be copied, photocopied, duplicated or distributed in any form or media whatsoever without prior written permission from First Berlin Equity Research GmbH. First Berlin Equity Research GmbH shall be identified as the source in the case of quotations. Further information is available on request.

# INFORMATION PURSUANT TO SECTION 85 (1) SENTENCE 1 OF THE GERMAN SECURITIES TRADING ACT [WPHG], TO ART. 20 (1) OF REGULATION (EU) NO 596/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF APRIL 16, 2014, ON MARKET ABUSE (MARKET ABUSE REGULATION) AND TO ART. 37 OF COMMISSION DELEGATED REGULATION (EU) NO 2017/565 (MIFID) II.

First Berlin Equity Research GmbH (hereinafter referred to as: "First Berlin") prepares financial analyses while taking the relevant regulatory provisions, in particular section 85 (1) sentence 1 of the German Securities Trading Act [WpHG], art. 20 (1) of Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) and art. 37 of Commission Delegated Regulation (EU) no. 2017/565 (MiFID II) into consideration. In the following First Berlin provides investors with information about the statutory provisions that are to be observed in the preparation of financial analyses.

#### CONFLICTS OF INTEREST

In accordance with art. 37 (1) of Commission Delegated Regulation (EU) no. 2017/565 (MiFID) II and art. 20 (1) of Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) investment firms which produce, or arrange for the production of, investment research that is intended or likely to be subsequently disseminated to clients of the firm or to the public, under their own responsibility or that of a member of their group, shall ensure the implementation of all the measures set forth in accordance with Article 34 (2) lit. (b) of Regulation (EU) 2017/565 in relation to the financial analysts involved in the production of the investment research and other relevant persons whose responsibilities or business interests may conflict with the interests of the persons to whom the investment research is disseminated. In accordance with art. 34 (3) of Regulation (EU) 2017/565 the procedures and measures referred to in paragraph 2 lit. (b) of such article shall be designed to ensure that relevant persons engaged in different business activities involvies at level of independence appropriate to the size and activities of the investment firm and of the group to which it belongs, and to the risk of damage to the interests of clients.

In addition, First Berlin shall pursuant to Article 5 of the Commission Delegated Regulation (EU) 2016/958 disclose in their recommendations all relationships and circumstances that may reasonably be expected to impair the objectivity of the financial analyses, including interests or conflicts of interest, on their part or on the part of any natural or legal person working for them under a contract, including a contract of employment, or otherwise, who was involved in producing financial analyses, concerning any financial instrument or the issuer to which the recommendation directly or indirectly relates.

With regard to the financial analyses of CR Energy AG the following relationships and circumstances exist which may reasonably be expected to impair the objectivity of the financial analyses: The author, First Berlin, or a company associated with First Berlin reached an agreement with the CR Energy AG for preparation of a financial analysis for which remuneration is owed. Furthermore, First Berlin offers a range of services that go beyond the preparation of financial analyses. Although First Berlin

strives to avoid conflicts of interest wherever possible, First Berlin may maintain the following relations with the analysed company, which in particular may constitute a potential conflict of interest:

- The author, First Berlin, or a company associated with First Berlin owns a net long or short position exceeding the threshold of 0.5 % of the total issued share capital of the analysed company;
- The author, First Berlin, or a company associated with First Berlin holds an interest of more than five percent in the share capital of the analysed company;

- The author, First Berlin, or a company associated with First Berlin provided investment banking or consulting services for the analysed company within the past twelve months for which remuneration was or was to be paid;
- The author, First Berlin, or a company associated with First Berlin reached an agreement with the analysed company for preparation of a financial analysis for which remuneration is owed;
- The author, First Berlin, or a company associated with First Berlin has other significant financial interests in the analysed company;

With regard to the financial analyses of CR Energy AG the following of the aforementioned potential conflicts of interests or the potential conflicts of interest mentioned in Article 6 paragraph 1 of the Commission Delegated Regulation (EU) 2016/958 exist: The author, First Berlin, or a company associated with First Berlin reached an agreement with the CR Energy AG for preparation of a financial analysis for which remuneration is owed.

In order to avoid and, if necessary, manage possible conflicts of interest both the author of the financial analysis and First Berlin shall be obliged to neither hold nor in any way trade the securities of the company analyzed. The remuneration of the author of the financial analysis stands in no direct or indirect connection with the recommendations or opinions represented in the financial analysis. Furthermore, the remuneration of the author of the financial analysis is neither coupled directly to financial transactions nor to stock exchange trading volume or asset management fees.

#### INFORMATION PURSUANT TO SECTION 64 OF THE GERMAN SECURITIES TRADING ACT [WPHG], DIRECTIVE 2014/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 15 MAY 2014 ON MARKETS IN FINANCIAL INSTRUMENTS AND AMENDING DIRECTIVE 2002/92/EC AND DIRECTIVE 2011/61/EU, ACCOMPANIED BY THE MARKETS IN FINANCIAL INSTRUMENTS REGULATION (MIFIR, REG. EU NO. 600/2014).

First Berlin notes that is has concluded a contract with the issuer to prepare financial analyses and is paid for that by the issuer. First Berlin makes the financial analysis simultaneously available for all interested security financial services companies. First Berlin thus believes that it fulfils the requirements of section 64 WpHG for minor non-monetary benefits.

#### PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

#### AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

The present financial analysis is based on the author's own knowledge and research. The author prepared this study without any direct or indirect influence exerted on the part of the analysed company. Parts of the financial analysis were possibly provided to the analysed company prior to publication in order to avoid inaccuracies in the representation of facts. However, no substantial changes were made at the request of the analysed company following any such provision.

#### ASSET VALUATION SYSTEM

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

#### **ASSET RECOMMENDATION**

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

Category			2	
Current market capitalisation (in €)		0 - 2 billion	> 2 billion	
Strong Buy <sup>1</sup>	An expected favourable price trend of:	> 50%	> 30%	
Buy	An expected favourable price trend of:	> 25%	> 15%	
Add	An expected favourable price trend of:	0% to 25%	0% to 15%	
Reduce	An expected negative price trend of:	0% to -15%	0% to -10%	
Sell	An expected negative price trend of:	< -15%	< -10%	

<sup>1</sup> The expected price trend is in combination with sizable confidence in the quality and forecast security of management

Our recommendation system places each company into one of two market capitalisation categories. Category 1 companies have a market capitalisation of  $\leq 0 - \leq 2$  billion, and Category 2 companies have a market capitalisation of  $> \leq 2$  billion. The expected return thresholds underlying our recommendation system are lower for Category 2 companies than for Category 1 companies. This reflects the generally lower level of risk associated with higher market capitalisation companies.

#### **RISK ASSESSMENT**

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin usubmers may request the models.

#### **RECOMMENDATION & PRICE TARGET HISTORY**

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	23 July 2014	€0.95	Buy	€10.50
27	Ļ	Ļ	Ļ	Ļ
8	30 September 2019	€25.20	Buy	€35.00
9	4 June 2020	€28.90	Buy	€37.00
10	7 April 2020	€21.70	Buy	€37.00
11	17 September 2021	€34.00	Buy	€58.00
12	21 July 2022	€30.50	Buy	€53.00
13	19 October 2022	€23.00	Buy	€53.00
14	6 July 2023	€32.20	Buy	€50.00
15	16 October 2023	€24.90	Buy	€48.00
16	Today	€24.70	Buy	€48.00

#### **INVESTMENT HORIZON**

Unless otherwise stated in the financial analysis, the ratings refer to an investment period of twelve months.

#### UPDATES

At the time of publication of this financial analysis it is not certain whether, when and on what occasion an update will be provided. In general First Berlin strives to review the financial analysis for its topicality and, if required, to update it in a very timely manner in connection with the reporting obligations of the analysed company or on the occasion of ad hoc notifications.

#### SUBJECT TO CHANGE

The opinions contained in the financial analysis reflect the assessment of the author on the day of publication of the financial analysis. The author of the financial analysis reserves the right to change such opinion without prior notification.

#### Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

#### can be accessed through the following internet link: https://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main

#### **EXCLUSION OF LIABILITY (DISCLAIMER)**

#### RELIABILITY OF INFORMATION AND SOURCES OF INFORMATION

The information contained in this study is based on sources considered by the author to be reliable. Comprehensive verification of the accuracy and completeness of information and the reliability of sources of information has neither been carried out by the author nor by First Berlin. As a result no warranty of any kind whatsoever shall be assumed for the accuracy and completeness of information and the reliability of sources of information ror First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the accuracy and completeness of information and the reliability of sources of information.

#### **RELIABILITY OF ESTIMATES AND FORECASTS**

The author of the financial analysis made estimates and forecasts to the best of the author's knowledge. These estimates and forecasts reflect the author's personal opinion and judgement. The premises for estimates and forecasts as well as the author's perspective on such premises are subject to constant change. Expectations with regard to the future performance of a financial instrument are the result of a measurement at a single point in time and may change at any time. The result of a financial analysis always describes only one possible future development – the one that is most probable from the perspective of the author – of a number of possible future developments.

Any and all market values or target prices indicated for the company analysed in this financial analysis may not be achieved due to various risk factors, including but not limited to market volatility, sector volatility, the actions of the analysed company, economic climate, failure to achieve earnings and/or sales forecasts, unavailability of complete and precise information and/or a subsequently occurring event which affects the underlying assumptions of the author and/or other sources on which the author relies in this document. Past performance is not an indicator of future results; past values cannot be carried over into the future.

Consequently, no warranty of any kind whatsoever shall be assumed for the accuracy of estimates and forecasts, and neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the correctness of estimates and forecasts.

#### INFORMATION PURPOSES, NO RECOMMENDATION, SOLICITATION, NO OFFER FOR THE

#### PURCHASE OF SECURITIES

The present financial analysis serves information purposes. It is intended to support institutional investors in making their own investment decisions; however in no way provide the investor with investment advice. Neither the author, nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be considered to be acting as an investment advisor or portfolio manager vis-à-vis an investor. Each investor must form his own independent opinion with regard to the suitability of an investment in view of his own investment objectives, experience, tax situation, financial position and other circumstances.

The financial analysis does not represent a recommendation or solicitation and is not an offer for the purchase of the security specified in this financial analysis. Consequently, neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall as a result be liable for losses incurred through direct or indirect employment or use of any kind whatsoever of information or statements arising out of this financial analysis.

A decision concerning an investment in securities should take place on the basis of independent investment analyses and procedures as well as other studies including, but not limited to, information memoranda, sales or issuing prospectuses and not on the basis of this document.

#### NO ESTABLISHMENT OF CONTRACTUAL OBLIGATIONS

By taking note of this financial analysis the recipient neither becomes a customer of First Berlin, nor does First Berlin incur any contractual, quasi-contractual or pre-contractual obligations and/or responsibilities toward the recipient. In particular no information contract shall be established between First Berlin and the recipient of this information.

#### NO OBLIGATION TO UPDATE

First Berlin, the author and/or the person responsible for passing on or distributing the financial analysis shall not be obliged to update the financial analysis. Investors must keep themselves informed about the current course of business and any changes in the current course of business of the analysed company.

DUPLICATION

Dispatch or duplication of this document is not permitted without the prior written consent of First Berlin.

#### SEVERABILITY

Should any provision of this disclaimer prove to be illegal, invalid or unenforceable under the respectively applicable law, then such provision shall be treated as if it were not an integral component of this disclaimer; in no way shall it affect the legality, validity or enforceability of the remaining provisions.

#### APPLICABLE LAW, PLACE OF JURISDICTION

The preparation of this financial analysis shall be subject to the law obtaining in the Federal Republic of Germany. The place of jurisdiction for any disputes shall be Berlin (Germany).

#### NOTICE OF DISCLAIMER

By taking note of this financial analysis the recipient confirms the binding nature of the above explanations.

By using this document or relying on it in any manner whatsoever the recipient accepts the above restrictions as binding for the recipient.

#### **QUALIFIED INSTITUTIONAL INVESTORS**

First Berlin financial analyses are intended exclusively for qualified institutional investors.

This report is not intended for distribution in the USA and/or Canada.