

RISK REPORT

RISK MANAGEMENT SYSTEM

To ensure their long-term survival, companies must act quickly – and react even faster – in a world in which economic conditions and the individual markets are constantly in a state of rapid change. Against the background of increasingly complex corporate structures and growing internationalisation, systematic risk management therefore forms an important basis for long-term business success.

DEUTZ operates in a variety of industries and regions worldwide and manages its business through various organisational units: the operating segments of the Group's parent company, subsidiaries, sales offices and authorised dealers. This organisational structure presents the Company with a large number of opportunities, but also gives rise to business-specific risks.

Our objective is to generate profits on a sustained basis and to increase these profits significantly over the medium and long term in order to develop the Company and secure its future. It is therefore critically important to identify and assess business risks at an early stage and take corrective action where required. DEUTZ has an appropriate risk management system to ensure it can meet this requirement.

Such a system heightens employees' sense of responsibility and raises their awareness of potential or existing risks. It also helps everyone involved to identify, analyse and communicate risks in good time and to initiate effective corrective action.

The basic principles, monitoring standards, personnel responsibilities, functions and procedures in the risk management system have been defined by the Board of Management of DEUTZ AG and summarised in a manual that is continually updated. A systematic reporting structure provides the basis for the work of the Risk Management Committee and ensures that all major risks are documented and communicated, and that appropriate corrective action is taken and documented at an early stage.

The DEUTZ Group conducts risk inventories four times a year. These risk inventories are carried out in all functions and areas of the Company and in the main affiliated companies to identify whether new risks have arisen compared with the Company's short-term and medium-term planning. The risks are categorised by importance, based on estimated probability of occurrence and potential impact. At the same time, a review is carried out to establish whether and how action that has been agreed and implemented has successfully minimised the known risks or whether there is still a need for further action. The Risk Management Committee then analyses the risks and the progress of the

action that is being taken and reports to the Board of Management on the results of the risk inventory. To enable the Company to respond promptly at all times to any possible risks that may arise, risk officers and their employees are under an obligation to submit immediate reports on any new material risks or if there is an increase in the threat from known risks. These reports are to be separate from the regular reporting requirements.

Each year, the Group internal audit department and the independent auditors carry out an audit of DEUTZ AG's system for the early identification of risks pursuant to section 91 (2) AktG to assess whether the system is functioning efficiently. As in prior years, suggestions for improvements proposed by the internal audit department, Risk Management Committee or the auditors were promptly implemented by DEUTZ.

RISK MANAGEMENT IN RELATION TO FINANCIAL INSTRUMENTS

Basic principles Owing to its global business operations, the DEUTZ Group is exposed to various financial risks that can arise from adverse movements and trends in the international sales, procurement, interest-rate and foreign-exchange markets. The overarching risk management strategy used is designed to mitigate potentially negative effects on the DEUTZ Group's financial position.

The management and early identification of financial risks is based on annual financial planning, together with updates and regular analyses of variances during the course of the year. Financial management in the Group is the responsibility of DEUTZ AG as the parent company.

The treasury department identifies, measures and hedges financial risk in close collaboration with the Group's operating segments. The Board of Management specifies principles for the Group's overarching risk management strategy as well as guidelines for certain aspects, such as how to manage currency risk, interest-rate risk and credit risk and how to hedge them using derivative and non-derivative financial instruments.

The Finance Committee, which meets roughly every three months, provides a forum at which operational issues relating to risk management and other financially relevant decisions are discussed. The Finance Committee consists of the relevant member of the Board of Management plus representatives of the treasury and finance departments.

The objective of risk management is to mitigate fluctuations in profits and cash flows caused by volatility in commodity, interest-rate and foreign-exchange markets. Derivative financial instruments are used only for hedging purposes, i.e. only in connection with corresponding underlying transactions arising from

the Group's ordinary business activities or financial transactions that have a countervailing risk profile to that of the hedging transaction. The nature and scope of the hedged items are specified in a binding financing directive.

DEUTZ works exclusively with leading banks in order to minimise counterparty risk.

The treasury department manages the lines of credit in accordance with the Group's financing principles. Subsidiaries are funded primarily by DEUTZ Group loans.

We manage the financial risk as follows:

Risk from bad debts We protect ourselves against the risk of bad debts by constantly monitoring our situation, including through electronic means, and by regularly analysing receivables and their breakdown. The Company takes out credit insurance to cover a large proportion of its receivables unless payment is made in advance or by letter of credit.

Currency risk arising from operating activities Currency risk, primarily in US dollars, which arises as a result of transactions with third parties denominated in foreign currency, is monitored by means of a central currency management system and mitigated by the use of derivative financial instruments. The DEUTZ Group's net currency exposure is normally hedged by forwards equivalent to 50 to 80 per cent of open items, or 100 per cent in the case of selected project-based firm commitments. DEUTZ is also taking specific action to increase the volume of purchasing in US dollars; this enables the Company to counteract exchange-rate risks from sales invoiced in US dollars by way of natural hedging.

Interest-rate risk arising from funding arrangements The DEUTZ Group is exposed to risk from interest rate changes, above all in relation to floating-rate loans and other loans that it has taken up. We hedged the interest-rate risk arising from the funding arranged in mid-2012 with the European Investment Bank. This means that, as far as some of our financial arrangements are concerned, we will not be affected by any rises in short-term interest rates in the future.

Liquidity risk The funding agreements concluded provide the Company with adequate liquidity for its further development. During the term of the agreement, DEUTZ AG must ensure that the DEUTZ Group complies with certain financial covenants (ratio of financial debt to equity and ratio of financial debt to EBITDA). The financial covenants have a comfortable buffer in line with our medium-term balance sheet and profit planning. Only if there is a dramatic deterioration in the general economic situation is there a risk of the covenants being breached.

Further information on financial risk management can be found in Note 25 on page 103.

RISK ASSESSMENT

The assessment of risks in the DEUTZ Group is based on the estimated probability of occurrence in conjunction with the potential impact of the risk on the business objectives. In the following risk report for the DEUTZ Group, the risks are categorised as either 'low', 'moderate' or 'high'. Risks that have been classified as 'low' would be expected to have a low impact of up to €10 million on financial position and financial performance. Risks classified as 'moderate', however, would have a significant impact (between €10 million and €50 million) and risks classified as 'high' would have a major impact of over €50 million on financial position and financial performance. Risks to the Company's survival as a going concern are described as such.

DEUTZ Group: Risk assessment

Probability of occurrence (%)	80-99	low	moderate	moderate	high	high
	60-79	low	moderate	moderate	high	high
	40-59	low	moderate	moderate	moderate	high
	20-39	low	low	moderate	moderate	moderate
	1-19	low	low	low	moderate	moderate
		minor	moderate	significant	critical	very critical
		Impact				

RISK

As with the internal risk report, the following presentation of the current risk situation is focused on the risk factors that are important for the DEUTZ Group. Consequently, risks that are referred to were categorised at least as 'low' before measures to counter the risk were taken into account. In contrast to the internal risk management, the risks in the following description are more strongly aggregated and are listed by risk category. Unless otherwise stated, the risks refer to 2016 and relate to both the DCE and DCS segments.

EXTERNAL RISK

Market risk We operate in sales markets that are characterised by particular sensitivity to cyclical influences. This can have a negative impact on the financial position and financial performance of the DEUTZ Group. As well as having a direct effect on unit sales and revenue, this may also impact negatively on the value of the assets on our balance sheet. We operate in very cyclical markets in our main application segment, Mobile Machinery, and in our principal sales regions of Germany, western Europe and North America. Our objective is to continue to reduce this cyclicity from a regional and application segment perspective. One of the ways in which we are doing so is by continuing to focus further efforts on expanding our Agricultural Machinery application segment, as it follows a different economic cycle to the other application segments.

In the medium and long term, we seek to mitigate regional and application-related sales risks by aligning our development activities with our product strategy and by entering into alliances. Close alliances with key customers such as AB Volvo and AGCO are of considerable importance in enabling us to achieve these sales targets.

We are very well diversified and well positioned for the future in terms of the geographical and sectoral distribution of our customers. We supply the market-leading manufacturers in the various application segments. Despite the countermeasures that are in place, we cannot completely control the external risks. We therefore continue to categorise the market risk as 'moderate' because the economic situation in our sales markets remains volatile.

STRATEGIC RISK

Our business strategy is focused on expanding our customer and product base and on further globalisation and internationalisation. This strategy presents the DEUTZ Group with numerous opportunities but is, of course, also associated with risks.

We attempt to mitigate these risks by precisely analysing trends in our markets and by taking into account external market research. We also enter into close alliances with our major customers in the target markets. Finally, we closely monitor our strategic projects so that we are able to respond immediately to changes.

In view of the measures in place, we categorise the strategic risks with regard to the attainment of our financial targets in the coming year as 'moderate'.

OPERATIONAL RISK

Quality risk The DEUTZ Group is exposed to liability and warranty risks. Potential warranty claims and claims for compensation could have a negative impact on our financial position and financial performance.

We have set up local quality departments to ensure quality in all plants and relevant areas of the Group. These departments systematically analyse sources of errors and defects, optimise production processes, take action to minimise the risk in production start-ups and reduce warranty risks. A central quality management organisation ensures that standardised processes and methods are in place and carries out regular audits. In addition, DEUTZ has defined uniform standards for the selection of suppliers and, in close cooperation with the suppliers, continuously improves the quality of supplied parts. Regular certification audits and additional quality initiatives enable us to handle the significant technical complexity of engines and to satisfy the steadily increasing quality requirements of our customers.

Sufficient provisions are recognised on the balance sheet to account for warranty risks. In view of the precautionary measures that have been taken, we categorise any further quality risks that could negatively impact on our financial targets as 'low'.

Production risk Fluctuations in capacity utilisation in production that result from our level of dependency on the general economic situation can, like breakdown-related production delays, have a negative impact on profitability.

In order to avoid mistakes in planning and capital expenditure, the necessary production capacity is regularly reviewed and planned using different timescales: over a number of years as part of the medium-term planning process, which is revised each year, and for the following financial year as part of the budget planning process, which is then updated quarterly for the current year. Production programme meetings and capacity planning meetings are held monthly to ensure that our capacity is adjusted in line with sales. We are using temporary employment contracts more and more as a way of flexibly adjusting capacity to the level of orders on hand.

In view of the measures in place to avoid or minimise these risks, we categorise the level of production risk with regard to our financial targets as 'low'.

OTHER RISKS

Data security We are a technology-driven company that is heavily focused on research and development. Being an innovation leader gives us a competitive advantage that forms the basis of our long-term success. The risk associated with this is that strictly confidential information, particularly concerning new technologies or partnerships in research and development, could find its way to our competitors through illegitimate means. This could have a negative impact on our market position.

We have put a series of measures in place to protect confidential information. As well as IT security training, these include security measures for computer hardware and IT security guidelines that have been laid down by management. In view of the precautions that have been taken, we categorise the data security risk as 'low'.

Legal risks As a Group with multinational operations, DEUTZ is subject to a variety of regulations under tax, competition and patent law as well as to other legal and statutory requirements. Existing and potential legal disputes are recorded and analysed on an ongoing basis at DEUTZ; they are assessed in terms of their legal and financial impact and an appropriate amount is recognised in the risk provisions in the accounts. The outcome of legal disputes is uncertain, however. This means that there are further risks, not accounted for through provisions on the balance sheet, that could negatively impact on our financial targets.

Groupwide standards such as the general terms and conditions of business, sample contracts for various uses and implementation provisions in the form of organisational guidelines are refined on an ongoing basis and reduce the level of new legal risks at DEUTZ. The legal affairs department and external lawyers are also regularly consulted about projects and the finalisation of contracts that fall outside the scope of the standards developed for day-to-day business. In view of the measures that have been taken either to avoid or minimise risk, we categorise the legal risk as 'moderate'.

OVERALL ASSESSMENT OF THE RISK SITUATION

Material risks have been identified and evaluated using our risk management system. Appropriate action is taken to manage these risks and, as far as possible, bring them under control. Changes in material risks are monitored regularly at Group level. Currently, the DEUTZ Group has not identified any risks that either individually or in their totality could jeopardise the continued existence of the enterprise as a going concern. Individual risk factors have changed only slightly from the previous year, meaning the overall risk situation is largely the same. Because

of the precautions that have been taken and our position in the market, we are confident in our ability to successfully manage the existing risks and overcome the resulting challenges – despite conditions remaining difficult.

ACCOUNTING-RELATED INTERNAL CONTROL SYSTEM

The internal control system is an integral part of the risk management system. Whereas risk management focuses on the identification, analysis, assessment, communication and management of strategic risk, the internal control system (ICS) brings together activities aimed at avoiding or limiting risk at operational level through use of control instruments.

The Board of Management is responsible for setting up, monitoring, refining and ensuring the effectiveness of the ICS. Even a properly structured ICS is unable to provide absolute security; it can only provide a relative amount of security in helping to achieve targets and/or avoid material misstatements.

The aim of the internal accounting-related control system is to ensure that accounting is carried out consistently and in accordance with statutory requirements, generally accepted accounting principles and internal guidelines. The accounting process itself includes those operating processes that provide the value flows for financial reporting, the process for preparing the consolidated financial statements, and all information sources and processes from which the significant disclosures in the consolidated financial statements are derived.

In order to ensure that the consolidated financial statements are properly and consistently prepared, the Group adheres to the fundamental principles of separation of functions, having work checked by a second member of staff and IT access restrictions to prevent unauthorised access to relevant data. There are written procedural instructions and, in particular, Group accounting guidelines that are regularly updated at head office and communicated throughout the Group. Each reporting entity is responsible for compliance with the guidelines, and the data reported to DEUTZ's Group accounting department is validated on an ongoing basis during the preparation of monthly financial statements. Data is reported to the Group head office using a standard reporting tool that has been implemented throughout the Group. Additional control mechanisms covering the risks in the main processes, thereby guaranteeing a reliable accounting and reporting system, are normally set up locally at departmental level. Where necessary, we also use external service providers, such as independent assessors of pension liabilities. The Group accounting department ensures that these requirements are adhered to across the Group.

Risk report

Opportunities report

Outlook

Information relevant to accounting is shared on an ongoing basis with the Head of Finance, Accounting and Compliance and passed on to the Chief Financial Officer in regular meetings.

Besides discussing the single-entity and consolidated financial statements, the Audit Committee set up by the Supervisory Board regularly discusses the quarterly financial reporting. In addition, the Audit Committee's monitoring function includes the ICS set up by the Board of Management as well as the accounting process itself.

The internal audit department prepares a risk-based audit plan and verifies whether the statutory regulations and the DEUTZ Group's internal guidelines for its entire control and risk management system are being complied with. As part of its monitoring function it reviews whether the defined controls are functioning effectively. The findings of these reviews are reported directly to the Board of Management and allow us to eliminate any deficiencies that have been identified and ensure that the ICS is continually refined.

OPPORTUNITIES REPORT

In the fast-paced, dynamic markets in which the DEUTZ Group operates, there are, in addition to the aforementioned risk factors that can negatively impact on the attainment of the business objectives, also opportunities that can have a positive effect on the business objectives of the Group for 2016. Identifying and harnessing these opportunities is the responsibility of the individual operating segments of the Group. Unlike risks, opportunities are not collated and assessed centrally.

Unless otherwise stated, the opportunities described below refer to 2016 and relate to the DCE and DCS segments.

Economic situation in relevant markets Developments in the global economy have a major effect on the financial position and financial performance of the DEUTZ Group. If our expectations regarding the macroeconomic situation in our most important markets of Europe, the USA and Asia are exceeded, this can lead to us performing better than we predicted.

Research and development Increasingly stringent emissions standards and general technological progress are placing huge demands on our entire industry. We are one of the innovation leaders and have a very strong competitive position thanks to our proven expertise, our many years of experience and our efficient processes in the research and development of diesel engines and other drive systems.

The stricter emissions standards for construction equipment and agricultural machinery that were introduced in China with effect from 1 October 2015 present us with the opportunity to capitalise on this competitive edge and increase our share of the Chinese market in the short to medium term.

Production and quality The digital transformation of manufacturing, referred to as Industry 4.0, is exploring new approaches to production. In combination with projects to improve quality, this may lead to substantial efficiency increases and greater customer satisfaction in the short to medium term.

OUTLOOK

GLOBAL ECONOMIC FORECASTS LOWERED

The International Monetary Fund (IMF)¹⁾ has lowered its forecast for global economic growth once again. Nonetheless, at 3.4 per cent for 2016 and 3.6 per cent for 2017, this forecast is still higher than the 2015 figure of 3.1 per cent.

In particular, the predictions for developing countries and emerging markets have been revised slightly downward. For the industrialised nations, the IMF anticipates an overall growth rate of 2.1 per cent in 2016 and 2017 (2015: 1.9 per cent). The eurozone economy is expected to expand again, by 1.7 per cent both this year and next year, following 1.5 per cent in 2015. The growth forecasts for Germany are the same. In Spain, the buoyancy seen recently will taper off slightly. The US economy is expected to grow at a rate of 2.6 per cent in both 2016 and 2017, compared with 2.5 per cent in 2015. In China, the pace of growth will probably slow again, falling from 6.9 per cent in 2015 to 6.3 per cent this year and 6.2 per cent next year.

The business climate index²⁾ published by the ifo Institute of Economic Research dropped slightly in January 2016. This index, which covers trade and industry in Germany, stood at 107.3 points most recently, compared with 108.6 points (seasonally adjusted) in December 2015. Expectations have particularly deteriorated. The ISM purchasing managers' index³⁾ in the USA stood at 48.2 points on 1 February 2016. This indicates that economic activity is currently contracting.

DIESEL ENGINES MARKET

For construction equipment in 2016, we anticipate that the market in both Europe and North America will move within a narrow range of -5 per cent to +5 per cent and that the Chinese market will see a further decline of around 10 per cent to 20 per cent. For agricultural machinery, we predict that the market in Europe will either remain at its current level or contract by up to 5 per cent. We also expect the medium and heavy-duty truck sector in China to remain within a narrow range of -5 per cent to +5 per cent.

¹⁾ IMF World Economic Outlook Update, January 2016.

²⁾ ifo Institute of Economic Research, January 2016.

³⁾ ISM Institute for Supply Management, February 2016.