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DENOX ENVIRONMENTAL & TECHNOLOGY HOLDINGS LIMITED

迪諾斯環保科技控股有限公司

(incorporated in the Cayman Islands with limited liability)

(Stock Code: 1452)

INTERIM RESULTS FOR THE SIX MONTHS ENDED 30 JUNE 2018

The board (the “**Board**”) of directors (the “**Directors**”) of Denox Environmental & Technology Holdings Limited (the “**Company**”) is pleased to announce the unaudited consolidated interim financial information and results of the Company and its subsidiaries (collectively referred to as the “**Group**”) for the six months ended 30 June 2018 (the “**Period**”) together with comparative figures for the corresponding period of 2017 as follows:

INTERIM CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

		Unaudited	
		Six months ended 30 June	
		2018	2017
	<i>Notes</i>	<i>RMB'000</i>	<i>RMB'000</i>
Revenue	5	9,710	2,738
Cost of sales	6	<u>(11,363)</u>	<u>(8,918)</u>
Gross loss		<u>(1,653)</u>	<u>(6,180)</u>
Selling and marketing expenses	6	(3,032)	(2,934)
Administrative expenses	6	(10,228)	(17,064)
Other gains – net	7	<u>22</u>	<u>323</u>
Operating loss		<u>(14,891)</u>	<u>(25,855)</u>
Finance income	8	481	105
Finance costs	8	<u>–</u>	<u>(196)</u>
Finance income/(costs) – net		<u>481</u>	<u>(91)</u>
Loss before income tax		<u>(14,410)</u>	<u>(25,946)</u>
Income tax expenses	9	<u>(46)</u>	<u>(612)</u>
Loss for the period		<u>(14,456)</u>	<u>(26,558)</u>
Other comprehensive income/(loss)			
Items that may be reclassified to profit or loss:			
Currency translation differences		<u>590</u>	<u>(3,427)</u>
Other comprehensive income/(loss) for the period		<u>590</u>	<u>(3,427)</u>
Total comprehensive loss for the period		<u>(13,866)</u>	<u>(29,985)</u>
Loss for the period attributable to:			
– Shareholders of the Company		(14,574)	(26,619)
– Non-controlling interests		<u>118</u>	<u>61</u>
		<u>(14,456)</u>	<u>(26,558)</u>
Total comprehensive loss attributable to:			
– Shareholders of the Company		(13,984)	(30,046)
– Non-controlling interests		<u>118</u>	<u>61</u>
		<u>(13,866)</u>	<u>(29,985)</u>
Losses per share attributable to shareholders of the Company (expressed in RMB per share)			
Basic losses per share	10	<u>(0.029)</u>	<u>(0.053)</u>

INTERIM CONDENSED CONSOLIDATED BALANCE SHEET

		Unaudited 30 June 2018 RMB'000	Audited 31 December 2017 RMB'000
	<i>Notes</i>		
ASSETS			
Non-current assets			
Property, plant and equipment		55,261	56,635
Land use rights		15,509	15,685
Intangible assets		18,178	19,987
Long-term prepayments		875	1,135
Restricted cash		<u>1,922</u>	<u>1,901</u>
Total non-current assets		<u>91,745</u>	<u>95,343</u>
Current assets			
Inventories	<i>11</i>	49,734	35,578
Trade receivables	<i>12</i>	39,374	49,715
Financial assets at fair value through other comprehensive income		2,560	–
Prepayments, deposits and other receivables		11,920	12,255
Restricted cash		2,679	2,658
Cash and cash equivalents		<u>167,524</u>	<u>180,381</u>
Total current assets		<u>273,791</u>	<u>280,587</u>
Total assets		<u>365,536</u>	<u>375,930</u>
LIABILITIES			
Non-current liabilities			
Deferred income		40	70
Deferred income tax liabilities		<u>2,223</u>	<u>2,365</u>
Total non-current liabilities		<u>2,263</u>	<u>2,435</u>

		Unaudited	Audited
		30 June	31 December
		2018	2017
	<i>Notes</i>	RMB'000	RMB'000
Current liabilities			
Trade payables	<i>13</i>	7,797	5,980
Advances from customers	<i>4.3(b)</i>	9,601	5,711
Accruals and other payables		17,792	20,672
Current income tax liabilities		<u>5,907</u>	<u>5,815</u>
Total current liabilities		<u>41,097</u>	<u>38,178</u>
Total liabilities		<u>43,360</u>	<u>40,613</u>
Net assets		<u>322,176</u>	<u>335,317</u>
EQUITY			
Equity attributable to shareholders of the Company			
Share capital		31,802	31,802
Share premium		851,181	851,181
Capital reserves		(552,410)	(552,410)
Other reserves		30,430	29,685
Accumulated deficits		<u>(52,030)</u>	<u>(38,026)</u>
		308,973	322,232
Non-controlling interests		<u>13,203</u>	<u>13,085</u>
Total equity		<u>322,176</u>	<u>335,317</u>

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION

1. GENERAL INFORMATION

Denox Environmental & Technology Holdings Limited (the “**Company**”) was incorporated in the Cayman Islands on 7 November 2014 as an exempted company with limited liability under the Companies Law Cap.22 (Law 3 of 1961, as consolidated and revised) of the Cayman Islands. The address of the Company’s registered office is Cricket Square, Hutchins Drive, P.O. Box 2681, Grand Cayman KY1-1111, Cayman Islands.

The Company and its subsidiaries (collectively, the “**Group**”) are principally engaged in design, development, manufacture and sales of DeNOx catalysts in the People’s Republic of China (the “**PRC**”).

This interim condensed consolidated financial information is presented in Renminbi (the “**RMB**”), unless otherwise stated. This interim condensed consolidated financial information was approved by the board of directors of the Company for issue on 31 August 2018.

This interim condensed consolidated financial information has not been audited.

2. BASIS OF PREPARATION

This interim condensed consolidated financial information for the six months ended 30 June 2018 has been prepared in accordance with International Accounting Standard (“**IAS**”) 34, ‘Interim financial reporting’. Accordingly, this announcement is to be read in conjunction with the annual report for the year ended 31 December 2017 and any public announcements made by Denox Environmental & Technology Holdings Limited during the interim reporting period.

3. ACCOUNTING POLICIES

The accounting policies applied are consistent with those of the annual consolidated financial information of the Group for the year ended 31 December 2017 (referring to the annual financial statements in the relevant year), as described in those annual financial information except for the estimation of income tax using the tax rate that would be applicable to expected total annual earning and the adoption of amendments to IFRSs effective for the financial year ending 31 December 2018.

(a) New and amended standards adopted by the Group

A number of new or amended standards became applicable for the current reporting period and the Group had to change its accounting policies and made retrospective adjustments as a result of adopting the following standards:

- IFRS 9 Financial Instruments, and
- IFRS 15 Revenue from Contracts with Customers.

The impact of the adoption of these standards and the new accounting policies are disclosed in note 4 below. The other standards did not have any impact on the Group’s accounting policies and did not require retrospective adjustments.

(b) Impact of standards issued but not yet early adopted by the Group

New and amended standards that might be relevant to the Group have been issued but are not effective for the financial year beginning 1 January 2018 and have not been early adopted by the Group include the followings:

		Effective for annual periods beginning on or after
IFRS 16	Leases	1 January 2019
IFRIC 23	Uncertainty over income tax treatments	1 January 2019
Amendments to IFRS 10 and IAS 28	Sales or contribution of assets between an investor and its associate or joint venture	To be determined
IFRS 17	Insurance contracts	1 January 2021

IFRS 16 was issued in January 2016. It will result in almost all leases being recognised on the balance sheet, as the distinction between operating and finance leases is removed. Under the new standard, an asset (the right to use the leased item) and a financial liability to pay rentals are recognised. The only exceptions are short-term and low-value leases. The accounting for lessors will not significantly change.

The standard will affect primarily the accounting for the Group's operating leases. As at the reporting date, the Group has non-cancellable operating lease commitments of RMB157,000. The Group has not yet determined to what extent these commitments will result in the recognition of an asset and a liability for future payments and how this will affect the Group's profit and classification of cash flows.

Some of the commitments may be covered by the exception for short-term and low-value leases and some commitments may relate to arrangements that will not qualify as leases under IFRS 16.

The standard is mandatory for first interim periods within annual reporting periods beginning on or after 1 January 2019. The Group does not intend to adopt the standard before its effective date.

4. CHANGES IN ACCOUNTING POLICIES

This note explains the impact of the adoption of IFRS 9 Financial Instruments and IFRS 15 Revenue from Contracts with Customers on the Group's financial statements and also discloses the new accounting policies that have been applied from 1 January 2018, where they are different to those applied in prior periods.

4.1 Impact on Financial Information

IFRS 9 was generally adopted without restating comparative information with the exception of certain aspects of hedge accounting. The reclassifications and the adjustments arising from the new impairment rules are therefore not reflected in the restated balance sheet as at 31 December 2017, but are recognised in the opening balance sheet on 1 January 2018.

The adoption of IFRS 15 did not have an impact on the Group's financial statements.

The following tables show the adjustments recognised for each individual line item. Line items that were not affected by the changes have not been included. As a result, the sub-totals and totals disclosed cannot be recalculated from the numbers provided. The adjustments are explained in more detail by standard below.

Balance sheet (extract)	1 January 2018		1 January 2018
	As originally presented	IFRS 9	Restated
	<i>RMB'000</i>	<i>RMB'000</i>	<i>RMB'000</i>
Assets			
Current assets			
Trade receivables	<u>49,715</u>	<u>725</u>	<u>50,440</u>
Equity			
Accumulated deficits	<u>(38,026)</u>	<u>725</u>	<u>(37,301)</u>

4.2 Adoption of IFRS 9 Financial Instruments

(a) IFRS 9 Financial Instruments – Impact of adoption

IFRS 9 replaces the provisions of IAS 39 that relate to the recognition, classification and measurement of financial assets and financial liabilities, derecognition of financial instruments, impairment of financial assets and hedge accounting.

The adoption of IFRS 9 Financial Instruments from 1 January 2018 resulted in changes in accounting policies and adjustments to the amounts recognised in the financial statements. The new accounting policies are set out in note 4.2 (b) below. In accordance with the transitional provisions in IFRS 9 (7.2.15) and (7.2.26), comparative figures have not been restated.

The total impact on the Group's accumulated deficits as at 1 January 2018 is as follows:

	<i>Notes</i>	Balance <i>RMB'000</i>
Closing accumulated deficits at 31 December 2017 – IAS 39		<u>(38,026)</u>
Adjustment to accumulated deficits from adoption of IFRS 9 on 1 January 2018		
– Decrease in provision for trade receivables	<i>(ii)</i>	<u>725</u>
Opening accumulated deficits at 1 January 2018 – IFRS 9		<u><u>(37,301)</u></u>

(i) Classification and measurement

On 1 January 2018 (the date of initial application of IFRS 9), the Group's management has assessed which business models apply to the financial assets held by the Group and has classified its financial instruments into the appropriate IFRS 9 categories.

The Group's financial assets include cash and cash equivalents, trade receivables and other receivables.

There were no changes to the classification and measurement of the Group's financial instrument.

(ii) Impairment of financial assets

The Group has below types of financial assets that are subject to IFRS 9's new expected credit loss model:

- Trade receivable
- Other receivables
- Cash and cash equivalents

The Group was required to revise its impairment methodology under IFRS 9 for each of these class of assets. The impact of the change in impairment methodology on the Group's accumulated deficits and equity is disclosed in the table in note 4.1 above. While cash and cash equivalents are also subject to the impairment requirements of IFRS 9, the identified impairment loss was immaterial.

Trade receivables

The Group applies the IFRS 9 simplified approach to measuring expected credit losses which uses a lifetime expected loss allowance for all trade receivables. To measure the expected credit losses, trade receivables have been grouped based on shared credit risk characteristics and the days past due.

On that basis, the loss allowance as at 1 January 2018 was determined as follows for trade receivables:

1 January 2018	Current	More than 1 year past due	More than 2 years past due	More than 3 years past due	Total
Expected loss rate	7.06%	13.90%	28.01%	55.46%	
Gross carrying amount	<u>29,536</u>	<u>17,092</u>	<u>6,303</u>	<u>8,382</u>	<u>61,313</u>
Loss allowance	<u>2,084</u>	<u>2,375</u>	<u>1,765</u>	<u>4,649</u>	<u>10,873</u>

The loss allowances for trade receivables as at 31 December 2017 reconcile to the opening loss allowances on 1 January 2018 as follows:

	Loss allowances for trade receivables RMB'000
At 31 December 2017 – calculated under IAS 39	11,598
Amounts restated through opening accumulated deficits	<u>(725)</u>
Opening loss allowance as at 1 January 2018 – calculated under IFRS 9	<u><u>10,873</u></u>

Other financial assets at amortised cost

Other financial assets at amortised cost are other receivables. In view of the history of cooperation with debtors and the sound collection history of receivable due from them, the outstanding other receivable balances due from them are considered to be low credit risk.

(b) IFRS 9 Financial Instruments – Accounting policies applied from 1 January 2018

(i) Investments and other financial assets

Classification

From 1 January 2018, the Group classifies its financial assets in the following measurement categories:

- those to be measured subsequently at fair value (either through other comprehensive income, or through profit or loss), and
- those to be measured at amortised cost.

The classification depends on the entity's business model for managing the financial assets and the contractual terms of the cash flows.

For assets measured at fair value, gains and losses will either be recorded in profit or loss or other comprehensive income. For investments in equity instruments that are not held for trading, this will depend on whether the Group has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive income (FVOCI). The Group reclassifies debt investments when and only when its business model for managing those assets changes.

Measurement

At initial recognition, the Group measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss (FVPL), transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at FVPL are expensed in consolidated statement of comprehensive income.

Debt instruments

Subsequent measurement of debt instruments depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. There are three measurement categories into which the Group classifies its debt instruments:

- **Amortised cost:** Assets that are held for collection of contractual cash flows where those cash flows represent solely payments of principal and interest are measured at amortised cost. Interest income from these financial assets is included in finance income using the effective interest rate method. Any gain or loss arising on derecognition is recognised directly in profit or loss and presented in 'other gains-net', together with foreign exchange gains and losses. Impairment losses are presented as separate line item in the statement of profit or loss.
- **FVOCI:** Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets' cash flows represent solely payments of principal and interest, are measured at FVOCI. Movements in the carrying amount are taken through OCI, except for the recognition of impairment gains or losses, interest revenue and foreign exchange gains and losses which are recognised in profit or loss. When the financial asset is derecognised, the cumulative gain or loss previously recognised in OCI is reclassified from equity to profit or loss and recognised in 'other gains-net'. Interest income from these financial assets is included in finance income using the effective interest rate method. Foreign exchange gains and losses are presented in 'other gains-net' and impairment expenses are presented as separate line item in the statement of profit or loss.
- **FVPL:** Assets that do not meet the criteria for amortised cost or FVOCI are measured at FVPL. A gain or loss on a debt investment that is subsequently measured at FVPL is recognised in profit or loss and presented net within 'other gains-net' in the period in which it arises.

Equity instruments

The Group subsequently measures all equity investments at fair value. Where the Group's management has elected to present fair value gains and losses on equity investments in OCI, there is no subsequent reclassification of fair value gains and losses to profit or loss following the derecognition of the investment. Dividends from such investments continue to be recognised in profit or loss as other income when the Group's right to receive payments is established. Changes in the fair value of financial assets at FVPL are recognised in 'other gains-net' in the statement of profit or loss as applicable. Impairment losses (and reversal of impairment losses) on equity investments measured at FVOCI are not reported separately from other changes in fair value.

Impairment

From 1 January 2018, the Group assesses on a forward looking basis the expected credit losses associated with its debt instruments carried at amortised cost and FVOCI. The impairment methodology applied depends on whether there has been a significant increase in credit risk.

For trade receivables, the Group applies the simplified approach permitted by IFRS 9, which requires expected lifetime losses to be recognised from initial recognition of the receivables.

Impairment on other receivables is measured as either 12-month expected credit losses or lifetime expected credit loss, depending on whether there has been a significant increase in credit risk since initial recognition. If a significant increase in credit risk of a receivable has occurred since initial recognition, then impairment is measured as lifetime expected credit losses.

4.3 Adoption of IFRS 15 Revenue From Contracts With Customers

(a) IFRS 15 Revenue from contracts with customers – Impact of adoption

The Group has adopted IFRS 15 Revenue from Contracts with Customers from 1 January 2018 which resulted in changes in accounting policies and adjustments to the amounts recognised in the financial statements. The adoption of the new revenue standard had no impact on the Group's consolidated financial statements.

(b) *IFRS 15 Revenue from contracts with customers – Accounting policies applied from 1 January 2018*

Revenue is recognized when or as the control of the goods is transferred to customer. Depending on the terms of the contract and the laws that apply to the contract, control of the goods may be transferred over time or at a point in time.

When either party to a contract has performed, the Group presents the contract in the statement of financial position as a contract asset or a contract liability, depending on the relationship between the entity's performance and the customer's payment.

If a customer pays consideration or the Group has a right to an amount of consideration that is unconditional, before the Group transfers a good or service to the customer, the Group records the payment or receivable (which is earlier) as contract liability. A contract liability is the Group's obligation to transfer goods or services to a customer for which the Group has received consideration (or an amount of consideration is due) from the customer. The Group's contract liabilities were mainly resulted from sales of plate-type DeNOx catalysts, which is recorded in advances from customers under current liabilities before and after the adoption of IFRS 15.

Sales of goods

The Group manufactures and sells plate-type DeNOx catalysts to coal-fired power plants (the "Power Plants"), certain engineering, procurement and construction (the "EPCs") service providers and boiler manufacturers in the PRC. The Group is responsible for the delivery of goods to customers' specified destinations after the sales contracts are signed. The customers are responsible for the test run of the function of the Group's products after installation, and will issue a preliminary acceptance certificate when the Group's products are qualified. Sales of goods are recognised when control of the goods is transferred to the customers, generally coincides with the time of receipt of the preliminary acceptance certificate.

5. REVENUE

	Six months ended 30 June	
	2018	2017
	RMB'000	RMB'000
Sales of goods	<u>9,710</u>	<u>2,738</u>

6. EXPENSES BY NATURE

	Six months ended 30 June	
	2018	2017
	<i>RMB'000</i>	<i>RMB'000</i>
Changes in work in progress, finished goods and goods in transit	(14,771)	(25,282)
Raw materials consumed and consumable used	20,317	19,546
Employee benefit expenses	7,276	7,351
Depreciation, amortisation and impairment charges	3,882	4,788
Professional services fees	2,312	3,693
Utilities charges and office expenses	1,704	1,416
Consulting service fees	1,051	1,225
Transportation and warehouse expenses	910	903
Research and development expenses	858	6,234
Operating lease rentals	423	483
Provision/(reversal of) for warranty	17	(36)
(Reversal of)/provision for impairment of receivables	(47)	561
(Reversal of)/provision for inventory write-down (<i>Note 11</i>)	(1,787)	5,564
Others	2,477	2,470
	<u>24,623</u>	<u>28,916</u>

7. OTHER GAINS – NET

	Six months ended 30 June	
	2018	2017
	<i>RMB'000</i>	<i>RMB'000</i>
Government grants	30	136
Foreign exchange (losses)/gains	(4)	180
Others	(4)	7
	<u>22</u>	<u>323</u>

8. FINANCE INCOME/(COSTS) – NET

	Six months ended 30 June	
	2018	2017
	<i>RMB'000</i>	<i>RMB'000</i>
Finance income		
Interest income on cash and cash equivalents and restricted cash	75	105
Net foreign exchange gains on financing activities	<u>406</u>	<u>–</u>
	<u>481</u>	<u>105</u>
Finance costs		
Net foreign exchange losses on financing activities	<u>–</u>	<u>(196)</u>
Finance income/(costs) – net	<u><u>481</u></u>	<u><u>(91)</u></u>

9. INCOME TAX EXPENSES

The Group is not subject to taxation in the Cayman Island. Hong Kong profits tax has been provided for at a rate of 16.5% (2017: 16.5%) for the period on the estimated assessable profits arising in or derived from Hong Kong. The companies established and operated in the PRC are subject to PRC Enterprise Income Tax (“EIT”) at a rate of 25% (2017: 25%) and one of which is entitled to preferential EIT rate of 15%.

	Six months ended 30 June	
	2018	2017
	<i>RMB'000</i>	<i>RMB'000</i>
Current income tax expenses	188	832
Deferred income tax	<u>(142)</u>	<u>(220)</u>
	<u><u>46</u></u>	<u><u>612</u></u>

Income tax expense is recognised based on management’s estimate of the weighted average annual income tax rate expected for the full financial year. The estimated average annual tax rate used for companies established and operated in the PRC and Hong Kong for the six months ended 30 June 2018 is -3.14% and 16.5% respectively (2017: -3.02% and 16.5%, respectively).

10. LOSSES PER SHARE

(a) Basic

Basic losses per share is calculated by dividing the loss attributable to shareholders of the Company by the weighted average number of ordinary shares in issue during each interim period.

	Six months ended 30 June	
	2018	2017
Loss attributable to shareholders of the Company (<i>RMB'000</i>)	(14,574)	(26,619)
Weighted average number of ordinary shares in issue (<i>thousand shares</i>)	500,000	500,000
Basic losses per share attributable to the ordinary equity holders of the company (<i>express in RMB per share</i>)	<u>(0.029)</u>	<u>(0.053)</u>

(b) Diluted

Diluted losses per share is calculated by dividing the weighted average number of ordinary shares outstanding to assume conversion of all diluted potential ordinary shares.

For the six months ended 30 June 2018 and 2017, the Group had no potentially dilutive ordinary shares in issue.

11. INVENTORIES

	As at	As at
	30 June	31 December
	2018	2017
	<i>RMB'000</i>	<i>RMB'000</i>
Raw materials	13,777	14,018
Work-in-progress	8,872	3,999
Finished goods	8,783	7,150
Goods in transit	<u>18,302</u>	<u>10,411</u>
	<u>49,734</u>	<u>35,578</u>

For the six months ended 30 June 2018, the cost of inventories recognised as expenses and included in “cost of sales” amounted to approximately RMB11,313,000 (The six months ended 30 June 2017: RM8,854,000).

Reversal of provision for write-down of inventories to net realisable value amounted to RMB1,787,000 (The six months ended 30 June 2017: provision for write-down of inventories amounted to RMB5,564,000). These were recognised as cost of sales in the consolidated statement of comprehensive income.

12. TRADE RECEIVABLES

	As at 30 June 2018 <i>RMB'000</i>	As at 31 December 2017 <i>RMB'000</i>
Trade receivables	50,199	61,313
Less: provision for impairment	<u>(10,825)</u>	<u>(11,598)</u>
	<u>39,374</u>	<u>49,715</u>

Aging analysis of gross trade receivables at the respective balance sheet dates is as follows:

	As at 30 June 2018 <i>RMB'000</i>	As at 31 December 2017 <i>RMB'000</i>
Less than 3 months	1,413	18,555
3 months to 6 months	4,956	10,519
6 months to 1 year	16,423	462
1 year to 2 years	7,656	17,092
2 years to 3 years	10,198	6,303
Over 3 years	<u>9,553</u>	<u>8,382</u>
	<u>50,199</u>	<u>61,313</u>

13. TRADE PAYABLES

	As at 30 June 2018 <i>RMB'000</i>	As at 31 December 2017 <i>RMB'000</i>
Third party	<u>7,797</u>	<u>5,980</u>

Ageing analysis of trade payables as at 30 June 2018 and 31 December 2017 was as follows:

	As at 30 June 2018 <i>RMB'000</i>	As at 31 December 2017 <i>RMB'000</i>
Within 6 months	7,269	5,521
6 months to 1 year	147	206
1 to 2 years	188	-
Over 2 years	<u>193</u>	<u>253</u>
	<u>7,797</u>	<u>5,980</u>

BUSINESS REVIEW

Overview

The Company is an investment holding company with its principal subsidiaries engaged in design, development, manufacture and sales of DeNOx catalysts in the People's Republic of China (the "PRC"). In the first half of 2018, there were no significant changes in the nature of the Group's principal activities.

Business review for the first half of 2018

(1) *Plate-type DeNOx catalyst business*

1 Analysis of plate-type DeNOx catalyst industry

In the first half of 2018, the DeNOx catalyst industry, which primarily serves the power generation industry, did not experience many changes as compared with 2017. As China imposes rigid restrictions on installation of new thermal power generating units in the 13th five-year energy plan and the upgrade of power generation industry toward low emission was completed, we believe the thermal power DeNOx catalyst market will enter into the "new normal" stage. In the meanwhile, we see good growth potential in the DeNOx catalyst demand from other industrial sectors as China beefs up the air pollution treatment. However, the sizes of demand in other industries will be much smaller than that in the thermal power industry.

2 The Group's key tasks in respect of plate-type DeNOx catalyst products

(1) Marketing and after-sale services

In the first half of 2018, the Group completed catalyst quotation enquiries for over 120 projects, including 12 projects in Taiwan and other overseas countries (including India, Europe, and so on). The Group has participated in 21 tenders hosted by various power generation groups, local power plants and other industrial enterprises. In the first half of 2018, the Group entered into 15 catalyst supply contracts. The following achievements are particularly noteworthy:

- The Group entered into cooperation with Fujian Longking Co., Ltd., a leading enterprise in China's environmental protection industry, for the first time.
- The Group managed to become a supplier for Formosa Plastics Group for the second time, reflecting Taiwan customers' recognition of the Group's product quality. It augurs that the Group's business in Taiwan may grow at a faster pace.

In the first half of 2018, the preliminary acceptance of catalysts was completed for 7 generating units in 6 projects, and final acceptance was completed for 11 generating units in 6 projects. The overall acceptance work was progressing steadily.

(2) Production management

In the first half of 2018, the Group completed productions for 16 projects and fulfilled the production plan for the first half of the year. In addition, the Group further automated related equipment and boosted productivity of the production lines and reduced reliance on human workers by increasing the level of automation in the first half of 2018. In the first half of 2018, the Group purchased more equipment for and assigned more staff to the environmental protection and safety works. In addition, it continued to enhance on-site 6S management, template management, safety standardization, occupational disease prevention and treatment, special equipment management, environmental management, equipment and energy management, and others.

(2) *DeNOx catalysts for diesel-powered vehicles and vessels (engines)*

1 *Analysis of the industry of DeNOx catalysts for diesel-powered vehicles and vessels (engines)*

On 22 June 2018, China's Ministry of Environmental Protection released the Limits and Measurement Methods for Emissions from Diesel Fuelled Heavy-Duty Vehicles (China VI), which sets out the timetable for implementation of pollutant emission limits for heavy-duty diesel-powered vehicles under China VI emission standards. Such government policy will reshuffle the vehicle catalyst industry. Conventional suppliers of catalysts for diesel-powered vehicles primarily produce China V vanadium-based coated DeNOx catalyst, while China VI emission standards demand the use of molecular sieve DeNOx catalyst, which has very different production process and formula. Similar to China V extrusion catalysts, the China VI molecular sieve catalyst technology is primarily controlled by foreign companies. Therefore, domestic vehicle catalyst producers are facing huge challenges, but those with strong technological strength will enjoy great business opportunities.

2 *The Group's key tasks in respect of catalysts for diesel-powered vehicles and vessels (engines)*

- (1) After the Group launched the extrusion catalyst samples for diesel-powered vehicles (China V emission standards) in the second half of 2017, the Group strengthened the R&D and trial production of molecular sieve catalyst under China VI emission standards in the first half of 2018, and the first sample has been produced. In order to facilitate the sale of the Company's vehicle catalyst products, the Group has started the IATF16949-2016 Automotive Quality Management System certification and is carrying out related training and coaching activities at present.
- (2) After the catalyst products for vessels (engines) were launched in the second half of 2017, related production processes were improved significantly in the first half of 2018. Witnessing a growing demand for engine catalysts, the Group is having preliminary technical exchanges with a number of customers.

Key work arrangements for the second half of 2018

(1) *Plate-type DeNOx catalysts*

1 Domestic business of plate-type DeNOx catalysts

After more than two years' fierce competition, industrial players are unwilling to continue the cutthroat price war, and we projected that the catalyst price may gradually recover. In the meanwhile, the Group has adjusted its marketing strategy based on the changing market conditions. The adjustments include expanding information channels beyond traditional top five power generation groups to collect project information through multiple channels. The Company needs to tap into the demand of local power plants that are not owned by the top five state-owned power generation groups, and expand business presence at petrochemical, chemical, coal, metallurgy, glass, aluminum oxide, ceramics, refractory materials, cement and other non-power-related industries.

2 Overseas markets for plate-type catalysts

Though the Company has made some breakthroughs in the international market, and its product quality is recognized by customers, overseas markets still account for a low percentage of the Company's total sales. The Company will continue to step up efforts in exploring the international market. It will strengthen its cooperation with its German partners, US catalyst producers and European customers. In addition, it will strive for bigger business presence in Vietnam, India, Indonesia and other Southeast Asian markets where the Company has not made breakthroughs for the moment.

3 *Continue to lower the raw material cost of plate-type catalysts*

- (1) Mesh steel is the primary raw material for catalyst production. The Group shall further improve its operating efficiency, product quality and product qualification rate, thereby lowering the production costs.
- (2) The Group needs to further lower the primary raw material costs of plate-type catalysts through enhanced R&D and technologies in the second half of 2018. It shall seek new primary raw material suppliers, and further lower purchase prices of primary raw materials when guaranteeing raw material quality.

(2) ***Production and sale of catalysts products for diesel-powered vehicles and vessels (engines)***

1 *Strengthen the sale of catalysts for diesel-powered vehicles and vessels (engines)*

- (1) The Group will hire sales staff who are dedicated to the selling of catalysts for diesel-powered vehicles, and start the preparatory work for sales of vehicle catalysts in the second half of 2018. Because the vehicle catalyst industry has a high entry barrier, the Company needs to further understand customer needs, conduct adequate external tests for related products and timely obtain related product announcements.
- (2) The Group has had technical exchanges with a number of customers that need engine catalysts. In addition, the Group has entered into strategic cooperation intent with companies that have strong technology and production capabilities to jointly explore the engine catalyst market.

2 *Strengthen the production of catalysts for diesel-powered vehicles and vessels (engines)*

Through more than two years of R&D and trial production, the Group's catalysts for diesel-powered vehicles and vessels (engines) have been improved consistently. The Group has hired a number of fresh graduates to strengthen its production and R&D team, and looks to realize large-scale production of one or many products and achieve market breakthroughs by the end of 2018.

FINANCIAL REVIEW

Revenue

The Group's revenue for the six months ended 30 June 2018 increased to approximately RMB9.7 million, representing an increase of 254.6% from approximately RMB2.7 million of the same period last year, which was primarily attributable to the increase in sales volume of plate-type DeNOx catalysts from 215 m³ of the same period last year to 1,266 m³ for the period under review. During the Period, due to the intensified market competition and the downward adjustment of selling price of products of the Group in order to maintain the Group's market share, the average selling price of plate-type DeNOx catalysts per m³ dropped by approximately 40% as compared to the same period last year.

Cost of sales

Cost of sales of the Group increased by approximately 27.4% from approximately RMB8.9 million for the six months ended 30 June 2017 to RMB11.4 million for the six months ended 30 June 2018. Excluding reversal of provision for write-down of inventories amounted to approximately RMB1.8 million for the six months ended 30 June 2018 (for the six months ended 30 June 2017: provision for write-down of inventories amounted to approximately RMB5.6 million), the increase in cost of sales was mainly due to the increase in sales volume of plate-type DeNOx catalysts.

Gross loss

As a result of continued vicious market competition, the Group incurred a gross loss of approximately RMB1.7 million for the six months ended 30 June 2018 (for the six months ended 30 June 2017: RMB6.2 million).

Selling and marketing expenses

Selling and marketing expenses primarily consist of consulting service expenses, transportation cost and employee benefit expenses. For the six months ended 30 June 2018, the selling and marketing expenses of the Group amounted to approximately RMB3.0 million, which was comparable to approximately RMB2.9 million of the same period last year.

Administrative expenses

Administrative expenses mainly consist of employee benefit expenses, professional fees and research and development expenses. For the six months ended 30 June 2018, the Group's administrative expenses decreased by 40.1% to approximately RMB10.2 million from approximately RMB17.1 million in the same period last year which was primarily attributable to the decrease in research and development expenses for vessels and diesel powered vehicles.

Loss attributable to the shareholders of the Company

As a result of the aforementioned major factors, the loss attributable to the shareholders of the Company for the six months ended 30 June 2018 decreased by 45.2% to approximately RMB14.6 million from approximately RMB26.6 million in the same period last year.

Liquidity and capital resources

The Group's financial position remains solid and the Group possessed sufficient cash to meet its commitments and working capital requirements. As at 30 June 2018, the Group had net current assets of approximately RMB232.7 million (31 December 2017: approximately RMB242.4 million) of which cash and cash equivalents were approximately RMB167.5 million (31 December 2017: approximately RMB180.4 million) and were denominated in RMB, US\$, Euro€, and HK\$.

The Group had no bank borrowings as at 30 June 2018 (31 December 2017: Nil).

Use of net proceeds from the Listing

As at 30 June 2018, net proceeds not utilised of approximately RMB87.2 million were deposited into interest bearing bank accounts with licensed commercial banks and will be applied according to the section headed "Use of proceeds" of the Company's prospectus dated 30 October 2015.

	Planned Amount	Amount utilised up to 30 June 2018	Balance as a 30 June 2018
	<i>RMB'million</i>	<i>RMB'million</i>	<i>RMB'million</i>
Development of DeNOx catalysts for diesel-powered vehicles	78.6	27.7	50.9
Acquisition of potential target companies in the Group's industry that can help to expand the Group's market coverage or key raw material suppliers	46.2	21.9	24.3
Research and development	17.1	10.0	7.1
Expansion of the Group's sales network and establishment of the Group's regional sales offices in China as well as Europe	6.9	3.6	3.3
Replacement of the Group's No. 1 production line	5.1	3.5	1.6
Working capital and general corporate purposes	17.1	17.1	—
	<u>171.0</u>	<u>83.8</u>	<u>87.2</u>

Capital expenditure and commitments

The Group incurred capital expenditure to expand its operations, maintain its equipment and increase its operational efficiency. For the six months ended 30 June 2018, the Group invested approximately RMB3.5 million (31 December 2017: RMB9.0 million) for the prepayment and purchase of property, plant and equipment. These capital expenditures were financed by internal resources of the Group.

As at 30 June 2018, the Group's future capital expenditures contracted but not provided for amounted to approximately RMB0.1 million (31 December 2017: approximately RMB0.8 million).

Contingent liabilities

As at 30 June 2018, the Group did not have any material contingent liabilities (31 December 2017: Nil).

Significant investments held, material acquisitions and disposals of subsidiaries, associates and joint ventures, and future plans for material investments or capital assets

There were no significant investments held, no material acquisitions or disposals of subsidiaries, associates and joint ventures during the six months ended 30 June 2018.

Save as disclosed in this announcement, there was no plan authorised by the Board for other material investments or additions of capital assets at the date of this announcement.

Important events affecting the Group after the reporting period

No important events affecting the Group has taken place since 30 June 2018 and up to the date of this announcement.

Foreign exchange risk

The Group mainly operates in the PRC with most of the transactions originally denominated and settled in RMB, of which foreign exchange risk is considered insignificant. The Group is exposed to foreign exchange risk primarily with respect to certain of its bank deposits which were denominated in HK\$, US\$ and Euro€. The Group did not carry out any hedging activity against foreign currency risk during the six months ended 30 June 2018. Any substantial exchange rate fluctuation of foreign currencies against Renminbi may have a financial impact on the Group.

Employees

As at 30 June 2018, the Group had 113 employees (31 December 2017: 115). Remuneration of the employees of the Group amounted to RMB7.3 million for the six months ended 30 June 2018 (for the six months ended 30 June 2017: RMB7.4 million). Remuneration policies are reviewed regularly to ensure that the Group is offering competitive employment packages to employees. Remuneration of the Group's employees includes salaries, pension, discretionary bonus, medical insurance scheme and other applicable social insurance. The Group's remuneration policy for the Directors, senior management members and employees was based on their experience, level of responsibility and general market conditions. Any discretionary bonus and other merit payments are linked to the profit performance of the Group and the individual performance of the Directors, senior management members and employees. Further, the Group adopted the share option scheme on 14 October 2015. Further information of such share option scheme is available in the annual report of the Company for 2017. The Group's growth is dependent upon the skills and dedication of employees. The Group recognises the importance of human resources in competitive industry and has devoted resources to provide training to employees. The Group has established an annual training program for its employees so that new employees can master the basic skills required to perform their functions and existing employees can upgrade or improve their production skills.

INTERIM DIVIDEND

The Board does not recommend the payment of an interim dividend for the six months ended 30 June 2018 (six months ended 30 June 2017: Nil).

SUFFICIENCY OF PUBLIC FLOAT

Based on the information that is publicly available to the Company and within the knowledge of the Directors as at the date of this announcement, the Company has maintained the prescribed public float as required by the Rules Governing the Listing of Securities (the "**Listing Rules**") on The Stock Exchange of Hong Kong Limited (the "**Stock Exchange**") during the six months ended 30 June 2018.

COMPLIANCE WITH THE MODEL CODE

The Company has adopted the Model Code for securities Transactions by Directors of Listed Issuers ("**Model Code**") as set out in Appendix 10 to the Listing Rules. Having made specific enquiry with all Directors, all Directors confirmed that they had complied with the required standards set out in the Model Code during the six months ended 30 June 2018.

COMPLIANCE WITH CODE ON CORPORATE GOVERNANCE PRACTICES

During the six months ended 30 June 2018, the Company complied with the applicable code provisions of the Corporate Governance Code contained in Appendix 14 to the Listing Rules with the exception of code provision A.2.1. The Board is of the view that vesting the two roles in the same person provides the Company with strong and consistent leadership and facilitates the implementation and execution of the Group's business strategies which are in the best interests of the Company. For further details of such exception, please refer to section headed "Corporate Governance Report – (D) Chairman and Chief Executive" of the annual report of the Company for the year ended 31 December 2017.

PURCHASE, SALE OR REDEMPTION OF LISTED SECURITIES

Neither the Company nor any of its subsidiaries purchased, sold or redeemed any of the Company's listed securities during the six months ended 30 June 2018.

AUDIT COMMITTEE

The audit committee of the Board has reviewed with the management and external auditor the accounting policies, accounting standards and practices adopted by the Group and the unaudited consolidated interim financial information and results of the Group for the six months ended 30 June 2018.

PUBLICATION OF 2018 INTERIM RESULTS ANNOUNCEMENT AND INTERIM REPORT

This results announcement is published on the Company's website (www.china-denox.com) and the Stock Exchange's website (www.hkexnews.com.hk). The Company's 2018 Interim Report will be made available on the websites of the Company and Stock Exchange and will be despatched to the Company's shareholders in due course.

By Order of the Board
Denox Environmental & Technology Holdings Limited
Zhao Shu
Chairlady

Hong Kong, 31 August 2018

As at the date of this announcement, the Board comprises Ms. Zhao Shu, Mr. Kong Hongjun and Mr. Li Ke as executive Directors; Mr. Li Xingwu and Mr. Teo Yi-Dar as non-executive Directors; and Mr. Li Min, Mr. Lam Yiu Por and Mr. Ong Chor Wei as independent non-executive Directors.