上海大眾公用事業(集團)股份有限公司

Shanghai Dazhong Public Utilities (Group) Co., Ltd. *

(A Joint-stock Company with Limited Liability Incorporated in the PRC)

Environmental, Social and Governance (ESG) Report

March 30, 2020

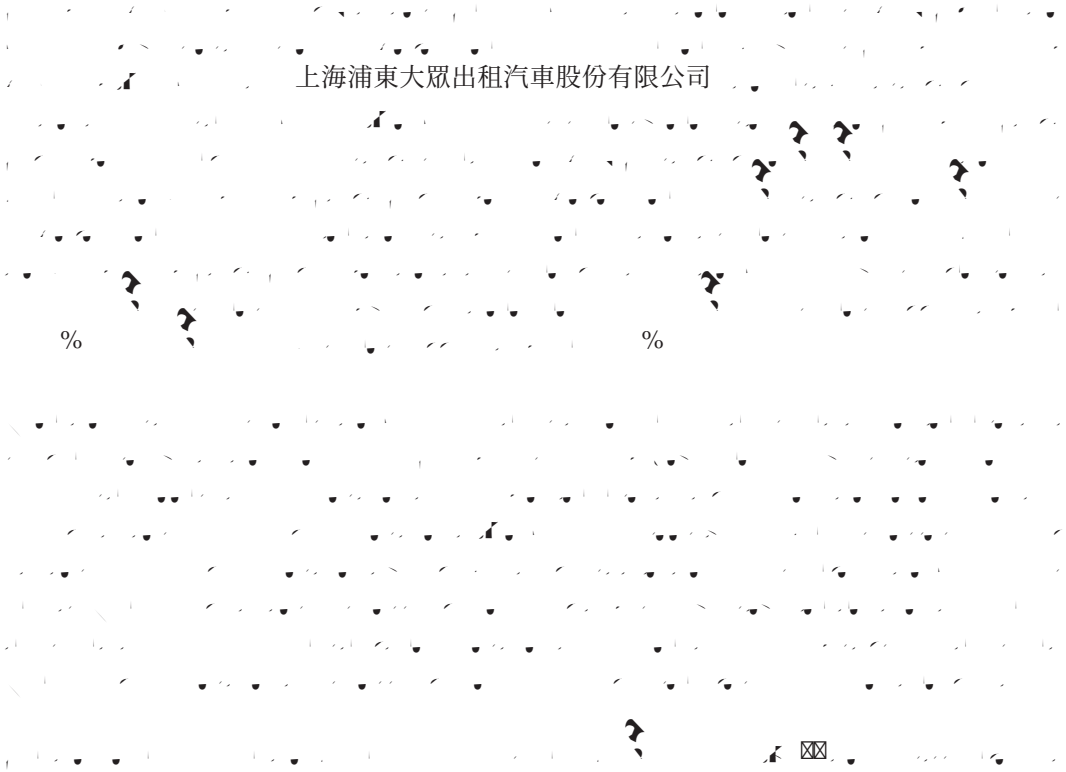
* *For identification purpose only*

CONTENTS

1 Corporate Profile

1.1 About Us

1.1.1 Company Profile



- *Public Utility*

City gas:



Relationship with the corporate social responsibility:

《能源發展戰略行動計畫(年)》

《能源發展“ 十三五 ”規劃》

Wastewater treatment:

Relationship with the corporate social responsibility:

Urban transportation:

大眾交通(集團)股份有限公司

%

大众出行

Relationship with the corporate social responsibility:

Infrastructure investment and operation:

Relationship with the corporate social responsibility:

Logistics and transport:

上海大眾運行物流股份有限公司

Relationship with the corporate social responsibility:

- *Financial Investment*

Financial services:

大眾 通卡

Relationship with the corporate social responsibility:

Venture capital:

深圳市創新投資集團有限公司

上海華璨股權投資基金合夥企業(有限合夥)

上海興燁創業投資有限公司

大成匯彩(深圳)實業合夥企業(有限合夥)

Relationship with the corporate social responsibility:

《　　年政府工作報告》

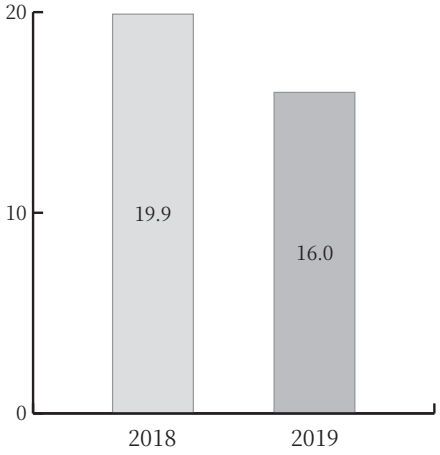
1.2 Focuses of 2019

1.2.1 Environmental and Natural Resources Protection Performance Overview

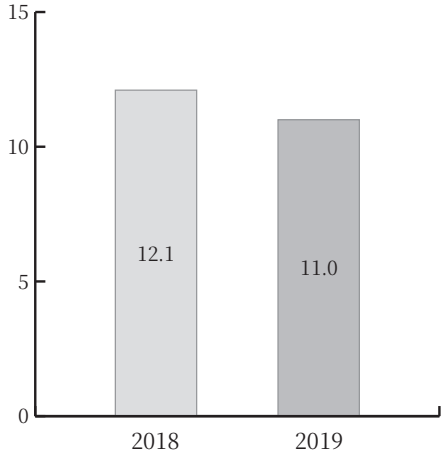
Effective energy saving and emission reduction

– **Reduced waste gas and greenhouse gas emission density**

2018-2019 DZUG's waste gas emission density(Unit: ton/RMB100 million)



2018-2019 DZUG's greenhouse gas emission density (Unit: '0,000 tons/RMB100 million)

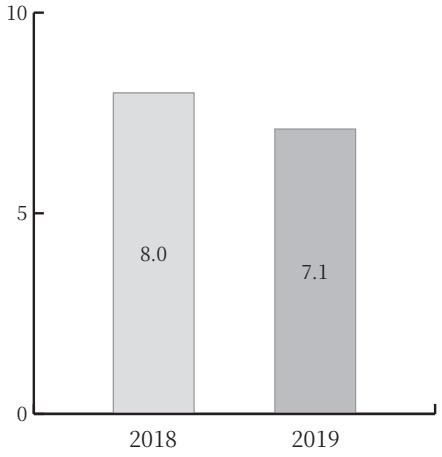


%

%

– **Reduced energy consumption density**

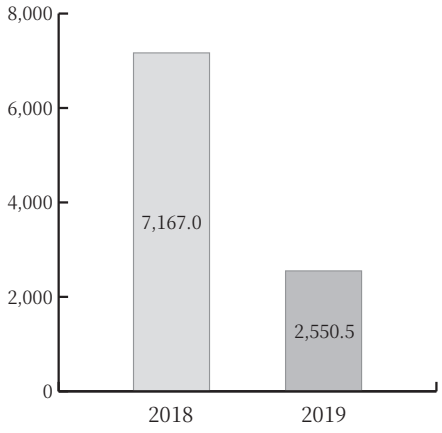
2018-2019 DZUG's energy consumption density
(Unit: TCE/RMB100 million)



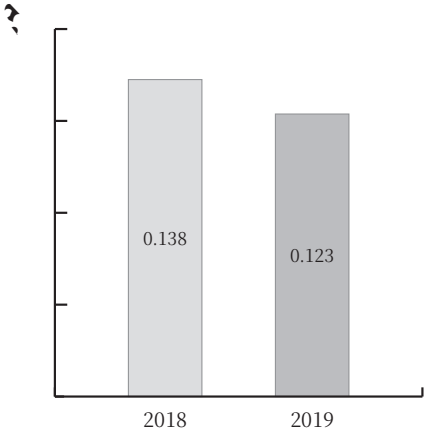
%

– **Lowered liquid and solid waste discharge**

2018-2019 Total discharge of sewage by DZUG



2018-2019 Total discharge of hazardous waste by DZUG



%

%

Active investment in wastewater treatment sector, continuous growth of treatment volume

%

%

Dazhong Jiading Sewage equipment upgrade:




百强证书
百强证书
百强证书


致敬价值创造者
致敬价值发现



Dazhong Run proactively participated in the CIIE:

Urban transportation:

Infrastructure investment and operation:

Logistics and transport:

1.3 Corporate Governance

1.3.1 Corporate Governance Framework



Shareholders and General Meeting:

Supervisors and the Board of Supervisors:

Information Disclosure and Transparency:

Investor Relationship and Stakeholders:

Establishment of the Company's Governance System:

[redacted]

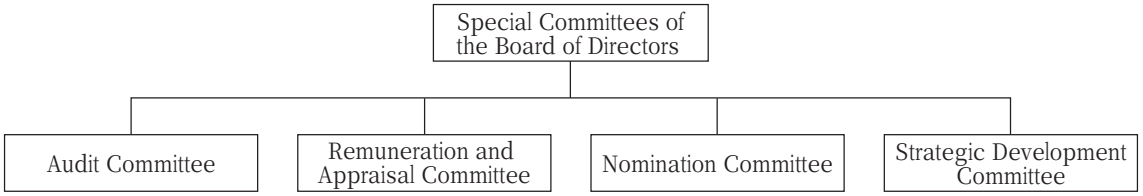
Registration and Management of People in Possession of Inside Information:

[redacted]

1.3.2 Overview of the Board of Directors

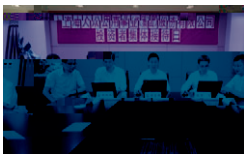
[redacted]

Name	Age	Gender	Position(s)	Responsibility


Special Committees of the Board of Directors
Audit Committee
Remuneration and Appraisal Committee
Nomination Committee
Strategic Development Committee

1.3.3 Overview of Relevant Stakeholders and Effectiveness of Communication





Customer Relations Management

2 Analysis of Enterprise Environmental Performance

2.1 Overview of Relevant Environmental Policies in Key Business Areas

Policies and Regulations	Date of issuance and Issuer	Main content

2.2 Analysis of Emissions Related Indicators of the Company

2.2.1 Analysis of emissions related indicators of the Company

Total emission and density of waste gas



Type	Direct emissions (unit: ton of CO2 equivalent)	Direct emission density (unit: ton of carbon dioxide equivalent/ RMB100 million)	Indirect emissions (unit: ton of carbon dioxide equivalent)	Indirect emission density (ton of carbon dioxide equivalent/ RMB100 million)

Type	Unit	Emission volume
Liquid waste		
Harmless solid waste		
Harmful solid waste		

Measures Taken by the Company to Reduce Emissions and the Results

%

Methods of disposal of hazardous and harmless wastes by the Company, measures and results of reduction of production

%

2.3 Analysis of Consumption of the Company

2.3.1 The Main Energy Consumption Structure of the Company



Type	Unit	Consumption volume

Type	Unit	Density

%

%

2.3.4 Total Amount of Packaging Materials Used in Finished Products and the Quantity per Unit of Production



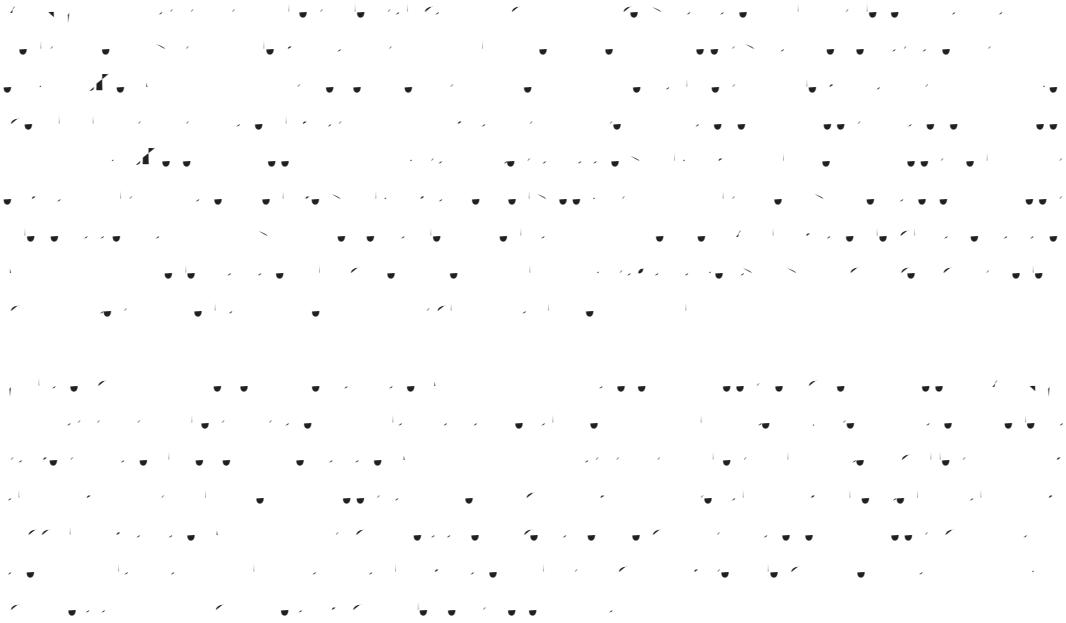
2.4 Analysis of Environment and Natural Resources of the Company



3 Analysis of Corporate Social Responsibility

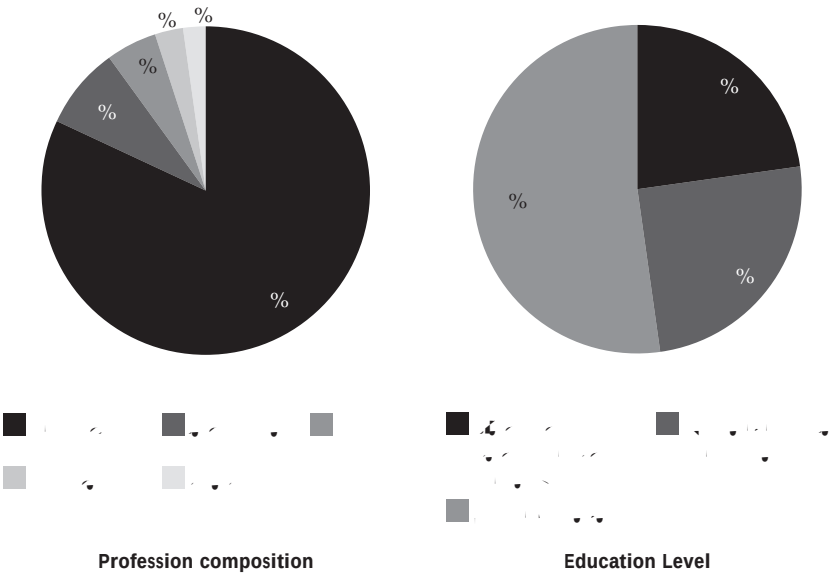
3.1 Analysis of the Employment and Labour Status of the Company

3.1.1 Overview of Employment Status and Labour Standards



Employees in DZUG by Major Indicators

The proportion of Employees Employed in DZUG by Major Indicators in 2019



Profession composition **Education Level**

Employee Incentive Activities

Shanghai Dazhong Gas employee care:

Nantong Dazhong Gas employee comforting:

Dazhong Jiading publicly praised excellent staff:

Jiangsu Dazhong formulated bonus policies for employees:

Dazhong Transportation publicly praised excellent drivers:

SEIS protected employees' health:

3.1.2 Overview of Employees' Health and Safety Assurance

[redacted]

[redacted]《關於加強集團公司及下屬各公司安全生產工作的通知》[redacted]

Working Targets of Safe Production Responsibility Signed and Committed by the Company in 2019

be zero	be zero	100%	100%
		100%	as scheduled

City gas

Shanghai Dazhong Gas:



Nantong Dazhong Gas:

Wastewater treatment

Dazhong Jiading Sewage:

3.1.3 Overview of Employees' Development and Training

City gas

Shanghai Dazhong Gas:

iangsu Dazhong:



Urban transportation

Dazhong Taxi:

Infrastructure investment and operation

Xiangyin Road Tunnel:



City gas:

Wastewater treatment:

Dazhong Jiading Sewage:

Jiangsu Dazhong:

Infrastructure investment and operation:

Before Xiangyin Road Tunnel

3.2.2 Summary of Anti-corruption Measures of the Company

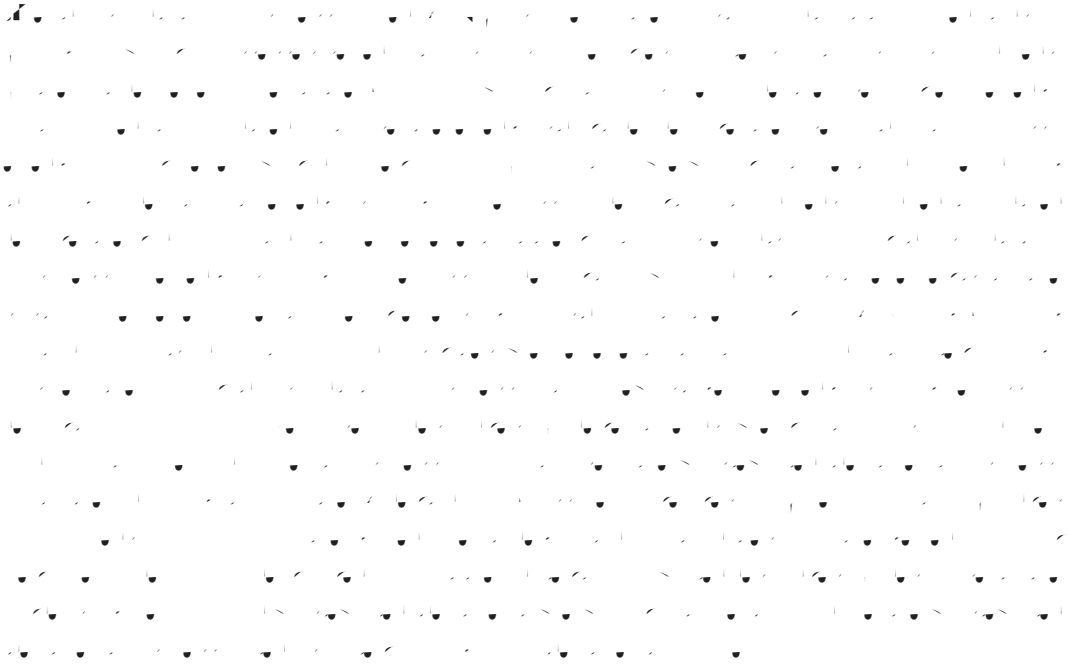


SEIS:

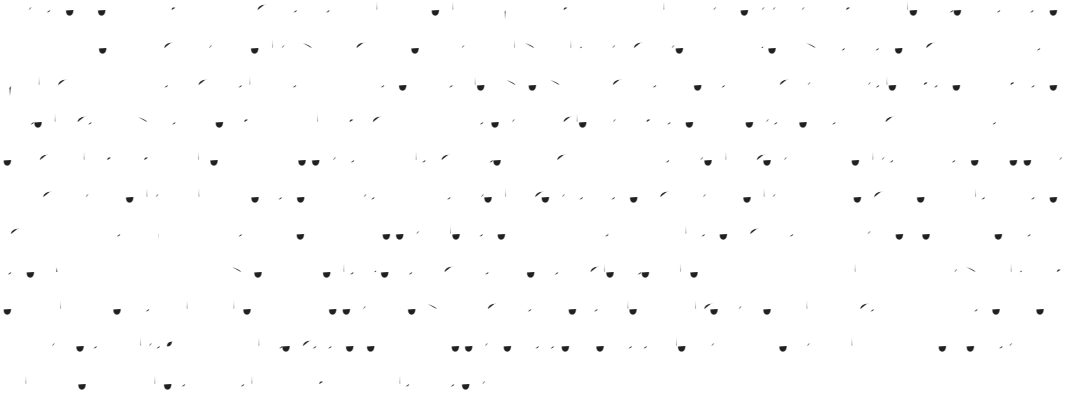
4.2 Strategic and Organisational Framework

4.2.1 The Company's Core Competencies and the Manner in Which They Can Contribute to Sustainable Development

Environment:

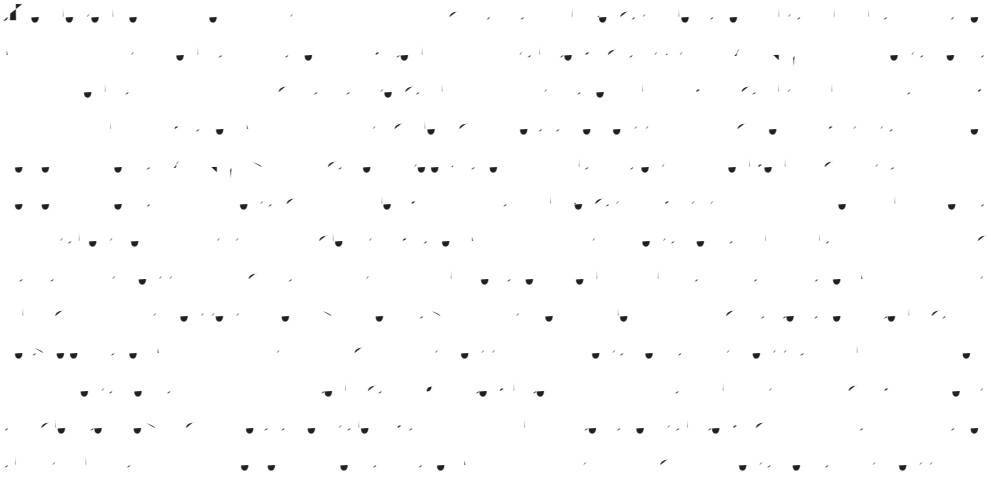


Society:

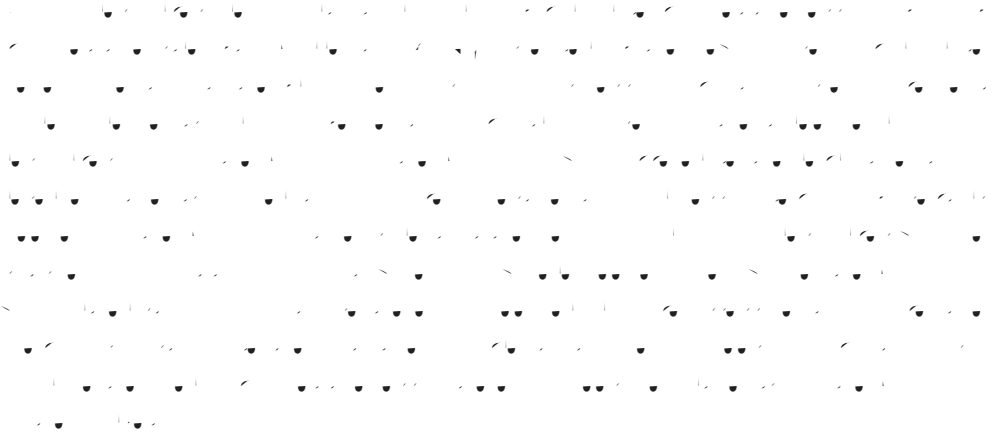


4.2.2 Future Development Strategy and Operation Plan of the Company

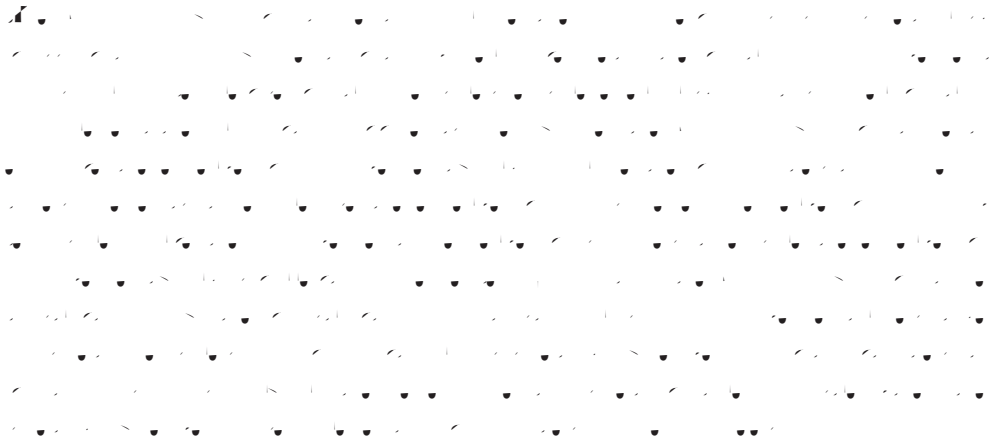
(1) Actively carry out effective investment projects, strengthen the Company's sustainable development momentum



(2) Establish a talent reserve system for the Company, carry out talent management based on demand



(3) Strengthen the position of safety-related work, spur the development of safety culture



(4) Strengthen the effectiveness of information-aided management, optimise and improve the centralised management and control system

