Scope of Data Collection and Method of Calculation for Key Sustainability Performance Indicators

Ⅰ. Accounting Period

FY2016 (April 1, 2016 to March 31, 2017)

Ⅱ. Scope of Data Collection

Nomura Research Institute, Ltd. and Major Subsidiaries

Company	Location of headquarters (Domestic・Overseas)
Nomura Research Institute, Ltd.	Domestic
NRI Netcom, Ltd.	Domestic
NRI Secure Technologies, Ltd.	Domestic
NRI Workplace Services, Ltd.	Domestic
NRI Data iTech, Ltd.	Domestic
NRI Cyber Patent, Ltd.	Domestic
NRI Social Information System Services, Ltd.	Domestic
NRI Process Innovation, Ltd.	Domestic
NRI Mirai, Ltd.	Domestic
Zhiming Software Japan, Ltd.	Domestic
NRI System techno, LTD.	Domestic
UBsecure, Inc.	Domestic
DSB Co., Ltd	Domestic
Japan Business Service Co., Ltd.	Domestic
DSB Information System Co.,Ltd.	Domestic
Tokyo Vehicle Management Co., Ltd.	Domestic
DSB Sourcing Co., Ltd.	Domestic
NRI Financial Graphics, Ltd.	Domestic
NRI Retail Next, Ltd.	Domestic
NRI Digital, Ltd.	Domestic
Brierley & Partners Japan, Inc.	Domestic
Nomura Research Institute Holdings America, Inc.	Overseas
Nomura Research Institute America, Inc.	Overseas
Nomura Research Institute IT Solutions America, Inc.	Overseas
Brierley & Partners, Inc.	Overseas
Brierley Europe Limited	Overseas
Nomura Research Institute Europe Limited	Overseas
Nomura Research Institute (Beijing), Ltd.	Overseas
Nomura Research Institute Shanghai Limited	Overseas
Nomura Research Institute (Dalian), Ltd.	Overseas
Zhiming Software Holdings (BVI) Limited	Overseas
Zhiming Software Beijing, Ltd.	Overseas
Zhiming Software Shanghai, Ltd.	Overseas
Zhiming Software Dalian, Ltd.	Overseas
Zhiming Software Wuxi, Ltd.	Overseas
Zhiming Software Jilin, Ltd.	Overseas
Nomura Research Institute Asia Pacific Private Limited	Overseas
Nomura Research Institute Singapore Pte. Ltd.	Overseas
Nomura Research Institute Hong Kong Limited	Overseas
Nomura Research Institute Taiwan Co., Ltd.	Overseas
Nomura Research Institute Seoul Co., Ltd.	Overseas
Nomura Research Institute India Private Limited	Overseas
Nomura Research Institute Financial Technologies India Private Limited	Overseas
NRI Consulting & Solutions (Thailand) Co., Ltd	Overseas

PT. Nomura Research Institute Indonesia	Overseas
ASG Group Limited	Overseas
ASG Limited	Overseas
ASG (Asia Pacific) Pty Ltd	Overseas
Dowling Consulting Pty Ltd	Overseas
Courtland Pty Ltd	Overseas
Capiotech Pty Ltd	Overseas
Progress Pacific Pty Ltd	Overseas

Ⅲ. Method of Calculation

Environment load information　INPUT（resource used）

Information to be Disclosed	Definition and Method of Calculation
INPUT Energy resource use ‣ Electricity ‣ Kerosene ‣ Diesel ‣ City Gas ‣ Cooling, Steam, Heat ‣ Total heat	Act on the Rational Use of Energy (Energy Conservation Act) - Energy resource use: Annual volume purchased from each energy supplier - Total heat: Joule equivalent of each energy type (conversion factor based on the Act on Promotion of Global Warming Countermeasures)
INPUT Water resources ‣ Waterworks Paper resources ‣ Business paper	Object of the report by the Environmental Reporting Guidelines * Waterworks: Adding up the consumption by the bills from the waterworks bureau * Business paper: Adding up the purchase data of business paper by the purchasing system

Environment load information　OUTPUT（impact on environment）

Information to be Disclosed	Definition and Method of Calculation
OUTPUT Greenhouse gas emissions ‣ Electricity ‣ Kerosene, Diesel, City Gas	Act on Promotion of Global Warming Countermeasures - Greenhouse gase emissions= energy consumed x CO2 intensity per each type of energy - In Japan, calculation is based on the Act on Promotion of Global Warming Countermeasures, and overseas, calculation is based on Energy Statistics of OECD Countries 2013(International Energy Agency)
OUTPUT Drainage for business ‣ Volume of the wastewater	Object of the report by the Environmental Reporting Guidelines * Volume of wastewater: Adding up the volume of the wastewater by the bills from the waterworks bureau
OUTPUT Waste paper ‣ Whole wastes, final disposal volume, and recycle rate Industrial wastes ‣ Whole wastes, final disposal volume, and recycle rate	・ Wastes: Wastes defined in the Wastes Disposal and Public Cleaning Law (waste drained from offices) ・ Calculation method (waste paper): Only for confidential documents for melting treatment ・ Calculation method (industrial wastes): Adding up the numerical value written in the manifesto prescribed in the Wastes Disposal and Public Cleaning Law ・Calculation method for the recycle rate = (1 - final disposal volume/final disposal volume) × 100 (The type of the manifesto is targeted at recycling waste oil, waste wood, scrap metal, waste plastic and the like, and toner and multifunction machines recycled by the manufacturer. It is targeted at the final disposal of sludge, fluorescent lamps, and glass and ceramics (mixed).)

Environment load information　OUTPUT（Emissions by Scope）

Information to be Disclosed	Definition and Method of Calculation
Scope1 emissions	Output greenhouse gas Scope 1 (Kerosene, Diesel, City gas) Calculation is based on the Energy Conservation Act and Act on Promotion of Global Warming Countermeasures
Scope2 emissions	Output greenhouse gas Scope 2 (Electricity, Cooling, Steam, Heat) Calculation is based on the Energy Conservation Act and Act on Promotion of Global Warming Countermeasures
Scope3 emissions	Method of calculating Scope 3 emissions is as follows: Calculation is based on the Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (Ver2.2) (Ministry of the Environment and Ministry of the Economy, Trade and Industry)
▸1：Purchased goods and services	Business consign expenses, machinery expenses x emission factor
▸2：Capital goods	Buildings, machinery and equipment, furniture and fixtures, lease assets x emission factor
▸3：Fuel-and-energy-related activities	Energy emission use (Electricity, Cooling, Steam, Heat) x emission factor
▸6：Business travel	(NRI) Business travel expenses x emission factor (consolidated subsidiaries) No. of personnel at the end of the year x emission factor
▸7：Employee commuting	(NRI) Commuting expenses x emission factor (consolidated subsidiaries) No. of personnel at the end of the year x emission factor
▸11：Use of sold products	Actual sales units x annual electricity use per unit x expected useful life x emission factor (annual electricity use per unit and expected useful life are based on the normal scenario that NRI made.)
▸12：End of life treatment of sold products	Actual sales units x waste weight per unit x emission factor (waste weight per unit is based on the normal scenario that NRI made.)