RESPONSIBILITY 4.0

NAMRATA RANA

THE 4TH INDUSTRIAL REVOLUTION

- The First Industrial Revolution transformed agrarian economies into industrialised ones.
- The Second Industrial Revolution brought about the use of electric power to create mass production.
- The Third Industrial Revolution advanced analog electronic and mechanical devices to digital devices.

- The Fourth Industrial Revolution (4IR) is a way of describing the blurring of boundaries between the physical, digital, and biological worlds. It's a fusion of advances in artificial intelligence (AI), robotics, the Internet of Things (IoT), 3D printing, genetic engineering, quantum computing, and other technologies.

OUR WORLD IS CHANGING AT A RAPID PACE

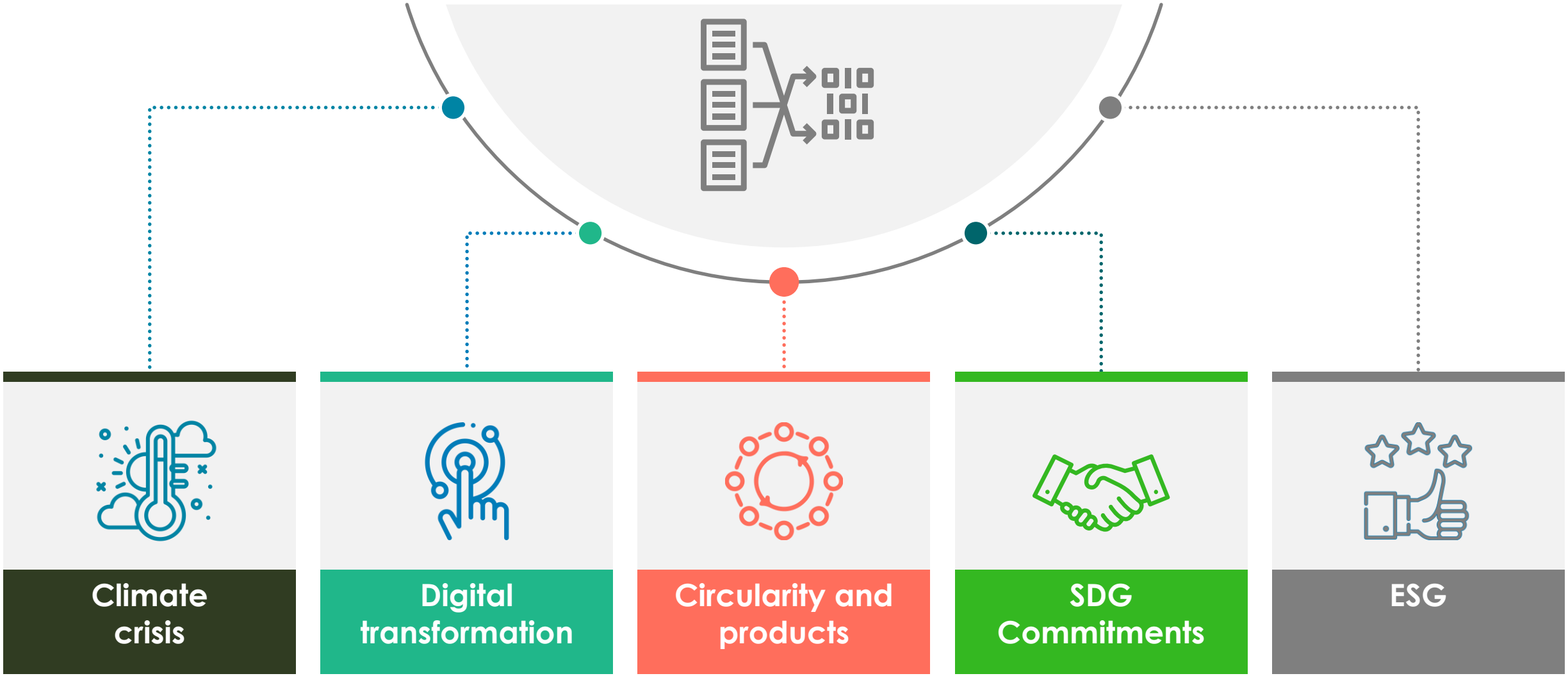
4IR is

- disrupting almost every industry in every country.

And the breadth and depth of these changes herald the

- transformation of entire systems of production, management, and governance.

THE IMPERATIVES FOR SUSTAINABLE EXPERIENCE TRANSFORMATION



Leadership today

has come to mean saying the right things,

Instead, it should be about doing the right thing!

Responsibility in the digital world

can’t be about what we did,

instead, it has to be REAL TIME!

FINANCE IS BECOMING DIGITAL, SOCIAL AND SUSTAINABLE

FINTECH IS TRANSFORMING FINANCIAL SERVICES

FINANCE IS ALSO GETTING SUSTAINABLE

IFC PERFORMANCE STANDARDS

EQUATOR PRINCIPLES

UNEP FINANCE INITIATIVE

UN PRINCIPLES FOR RESPONSIBLE INVESTMENTS

FINANCE IS ALSO GETTING SOCIAL

IMPACT INVESTING

SOCIAL IMPACT BONDS

RESPONSIBLE BUSINESS RANKINGS METHODOLOGY AND PARAMETERS

Environment

Focuses on a company's environmental disclosure, environmental impact, and, any efforts to reduce pollution or carbon emissions

CLIMATE CHANGE	NATURAL CAPITAL	POLLUTION	OPPORTUNITY
GHG disclosure	Water mapping	Process waste, including waste water discharge	Opportunities in Renewable energy
Air emissions	Water management	Plastic waste	Opportunities in Green buildings/factories
Responsible finance*	Responsible sourcing	Packaging waste	Opportunities in Sustainable product/service
		Electronic waste	Opportunities in Employee

Social

Refers to creating societal wellbeing either in the worlplace or in society at large. It includes diverse concepts such as diversity, human rights, philanthropy and corporate citizenship.

HUMAN CAPITAL	CUSTOMER	SOCIAL OPPORTUNITIES
Employee management	Health & Safety	Opportunities in community welfare
Employee welfare	Environment	Opportunities in Employee management
Health & Safety	Social	Opportunities in Supply chain management
Human Capital development	Financial Literacy	
Supply chain labour standards	Responsible Advertising	
CSR Volunteering		

Governance

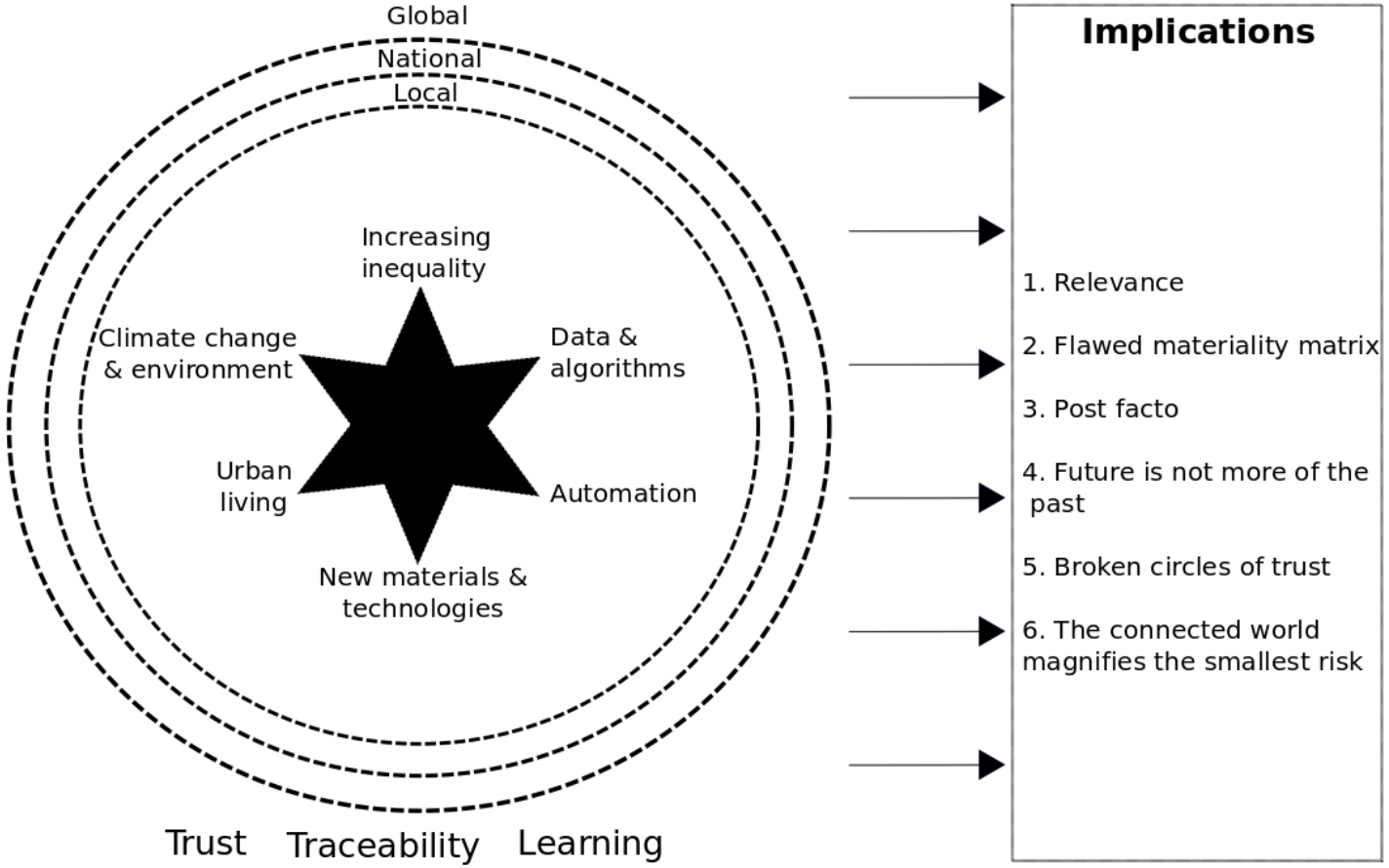
Accounts for compensation, shareholder rights, and the relationship between shareholders and management

CORPORATE GOVERNANCE	CORPORATE POLICIES	DISCLOSURE
Board committees	Customer data privacy	Responsible business reporting framework
Executive Management	Biodiversity policy	External assurance
Alignment with principles/frameworks like SDGs	Responsible business policy	Impact assessment
	Employee policies	Material issues
		Partnerships/Collaborations

RESPONSIBILITY DURING THE FOURTH INDUSTRIAL REVOLUTION – 6 MEGATRENDS

Increased Inequalities	Data and Algorithms	Automation
New Materials and Technologies	Urban Living	Climate change and environment

A FRAMEWORK OF DECISION MAKING FOR RESPONSIBLE CHOICES

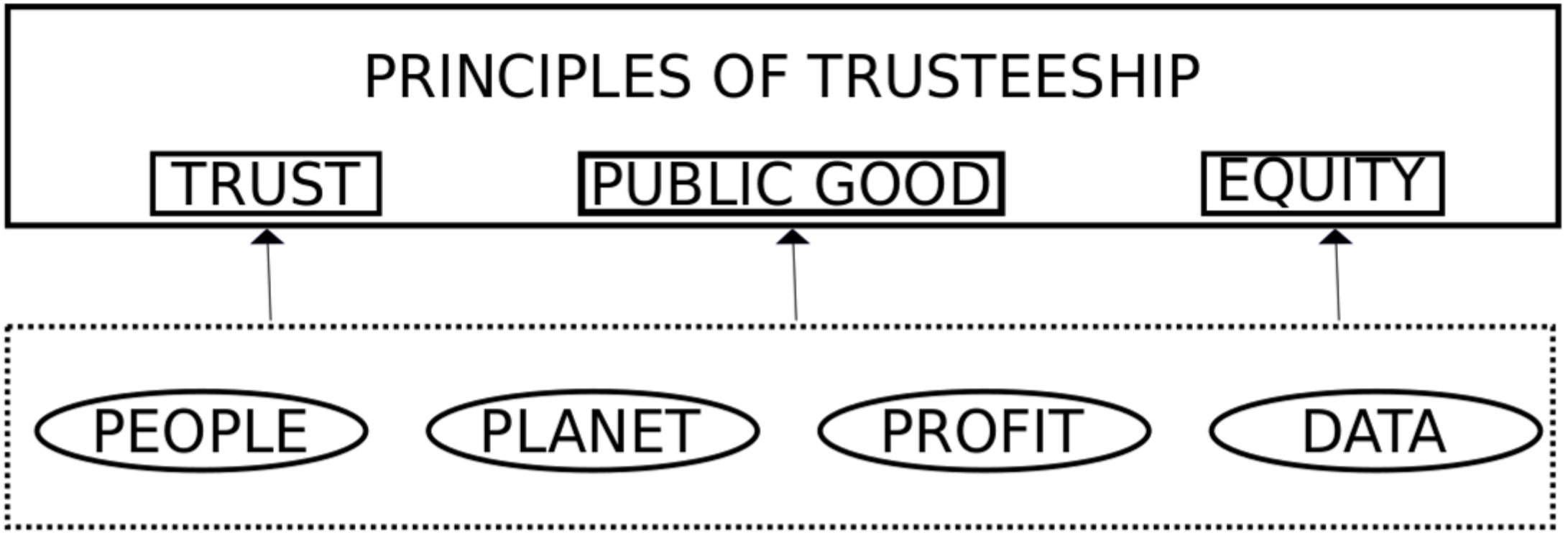
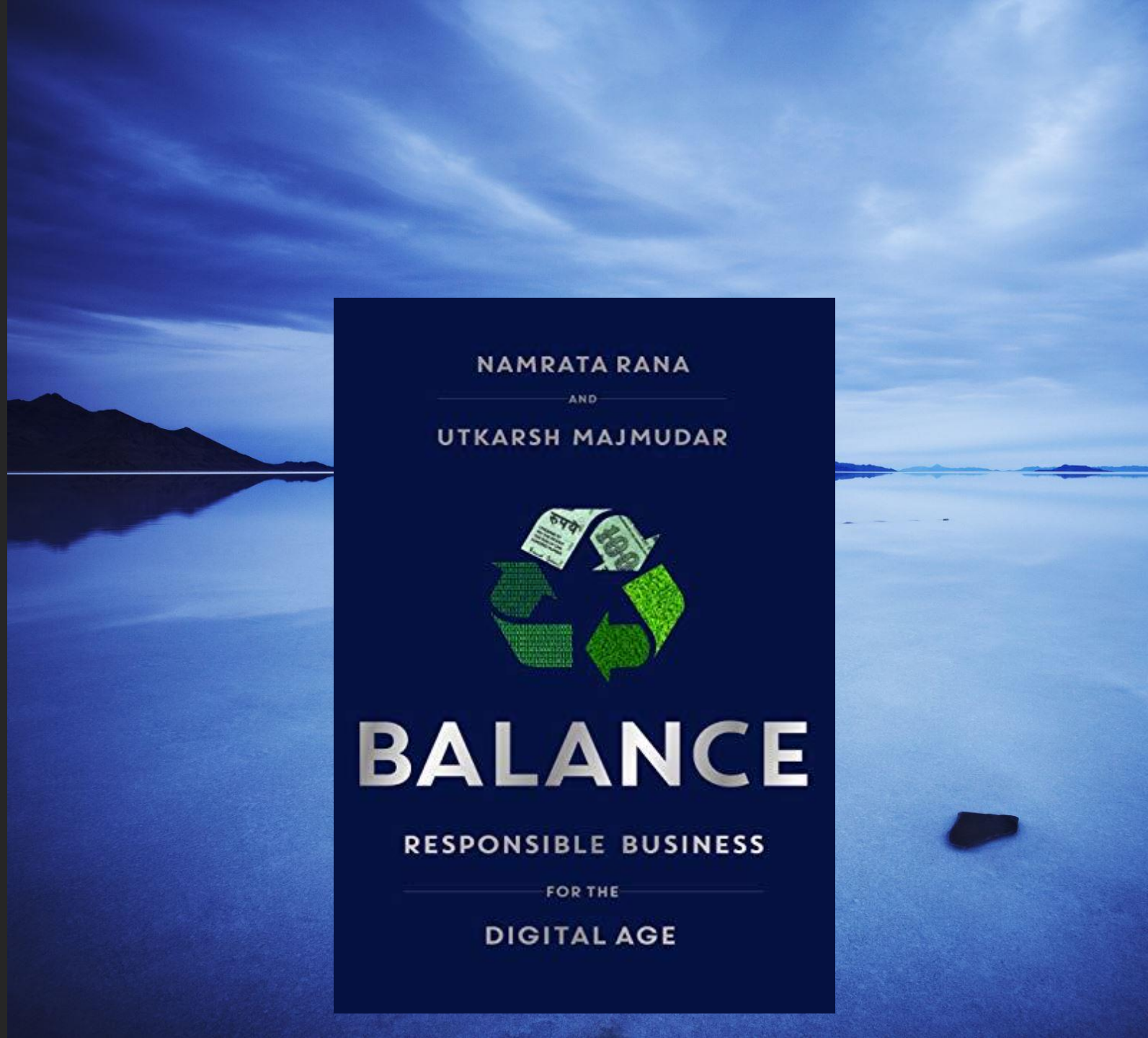


TRUST

PUBLIC GOOD

EQUITY

RESPONSIBILITY 4.0



FINDING BALANCE