



SUSTAINABILITY

**ENVIRONMENTAL
SUSTAINABILITY:**

**DOES IT MAKE
DOLLARS AND
SENSE?**

Jennifer Bogart

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accenture[>]**strategy**

LEADING CEOS SEE SUSTAINABILITY AS A DRIVER FOR SUCCESS

97%



believe that sustainability is important to the **future success** of their business

80%



see demonstrating a commitment to **societal purpose** as a **differentiator** in their industry

79%



Brand, trust and reputation is driving action on sustainability – the number-one factor

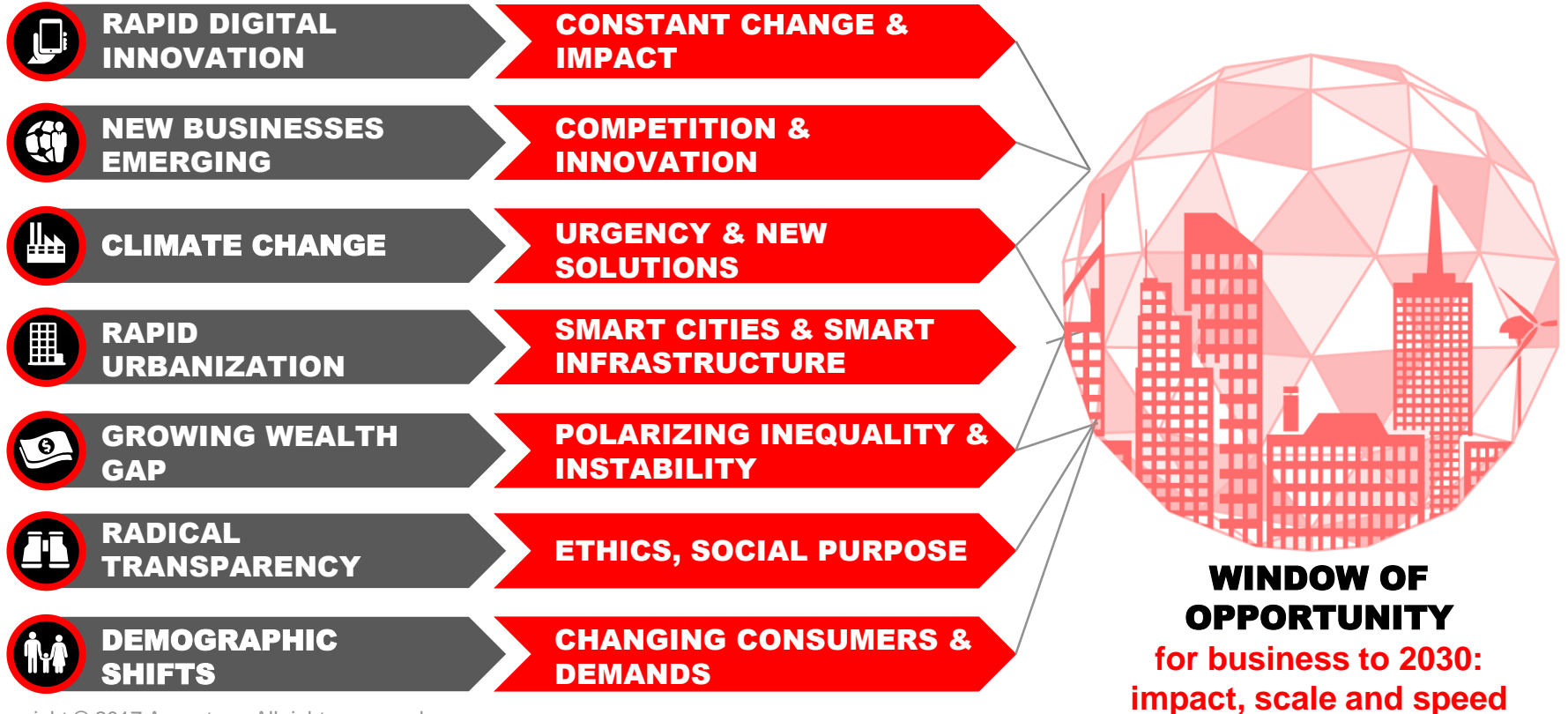
ADDITIONALLY, 87% OF CEOs SEE THE SDGS AS AN OPPORTUNITY TO RETHINK APPROACHES TO SUSTAINABLE VALUE CREATION



Source: UNGC-Accenture CEO Study, 2016

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MARKET FORCES ARE CREATING A NEW CONTEXT FOR BUSINESS



DIGITAL IS TRANSFORMING THE WORLD WITH SPEED & IMPACT

1. Diffusion Speed and Reach

-23x higher adoption rate for mobile networks vs. grid electricity in Sub-Saharan Africa

-90% of world's data created in last two years

2. People Centric

-100 billion connected devices by 2030

-three-figure growth rates for wearable health

3. New Business Models

-326% growth rate for smart watches, taking over market share from Swiss makers

-100% growth rate for MKopa, delivering solar-based, off-grid lighting solutions



Source: GeSI and Accenture Strategy, #SystemTransformation, 2016

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DIGITAL CAN ACCELERATE PROGRESS FOR PROTECTING THE ENVIRONMENT



SMART WATER MANAGEMENT

- e.g. smart pipes/levees, meters, soil sensors, remote irrigation, etc.



Up to 15% water consumption reduction



SMART ENERGY

- e.g. smart grid, energy storage, predictive analytics, etc.



> 1.3 billion MWh savings in 2030



SMART CITY MOBILITY SMART BUILDINGS

- e.g. mobile ride sharing, driverless transport, alarm mgmt., etc.



5% CO₂e emissions savings in 2030 from smart mobility and building solutions



SMART MANUFACTURING SMART AGRICULTURE

- e.g. machine to machine, 3D printing, precision agri, soil sensors, etc.



20% food waste savings in 2030 from smart agriculture

Source: GeSI and Accenture Strategy, #SystemTransformation, 2016

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DIGITAL CAN ACCELERATE PROGRESS FOR PROTECTING THE ENVIRONMENT



ALL DIGITAL SOLUTIONS

- e.g. smart agriculture, smart buildings, smart energy, smart manufacturing, smart mobility, etc.



20% global CO₂e emissions savings in 2030



SMART CONSERVATION

- e.g. mapping and data analytics, sub-marine / coastal and inland sensors, real-time weather, etc.



32% of world's coastal areas could already benefit from smart conservation solutions



SMART AGRICULTURE SMART CONSERVATION

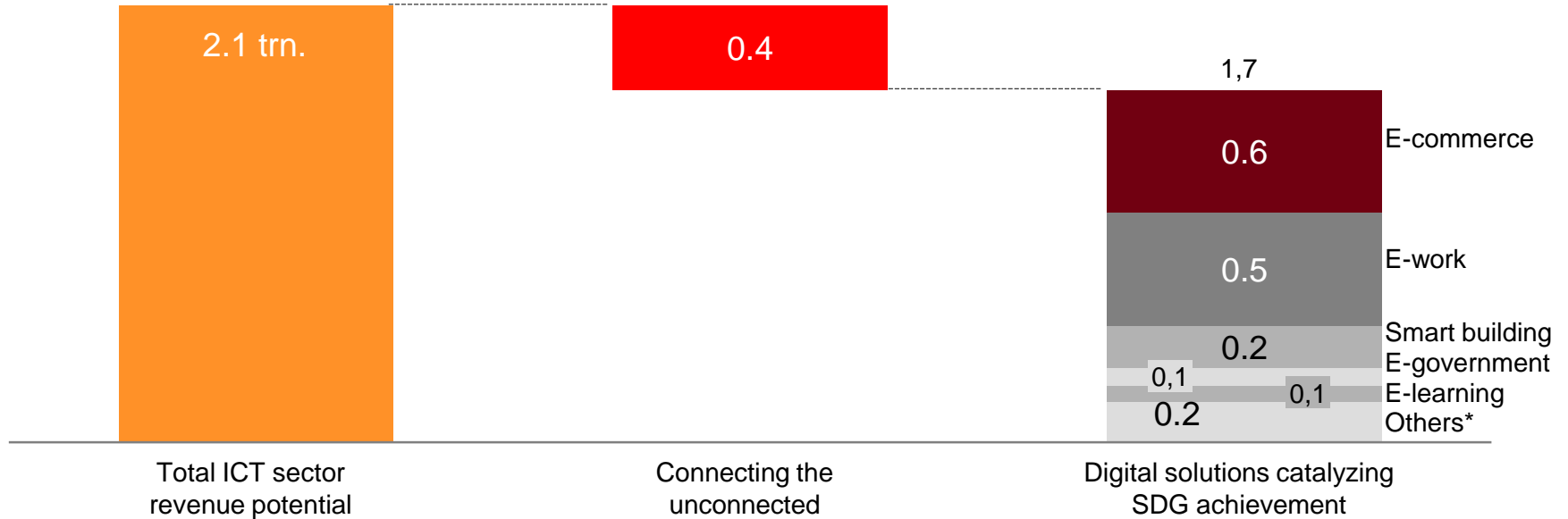
- e.g. optimized farm mgmt. and automated irrigation, precision agri, soil sensors, real-time weather, etc.



251 trillion liters of water saved in 2030 from smart agriculture

DIGITAL CAN CATALYZE SUSTAINABLE DEVELOPMENT AND GENERATE \$2.1T IN 2030

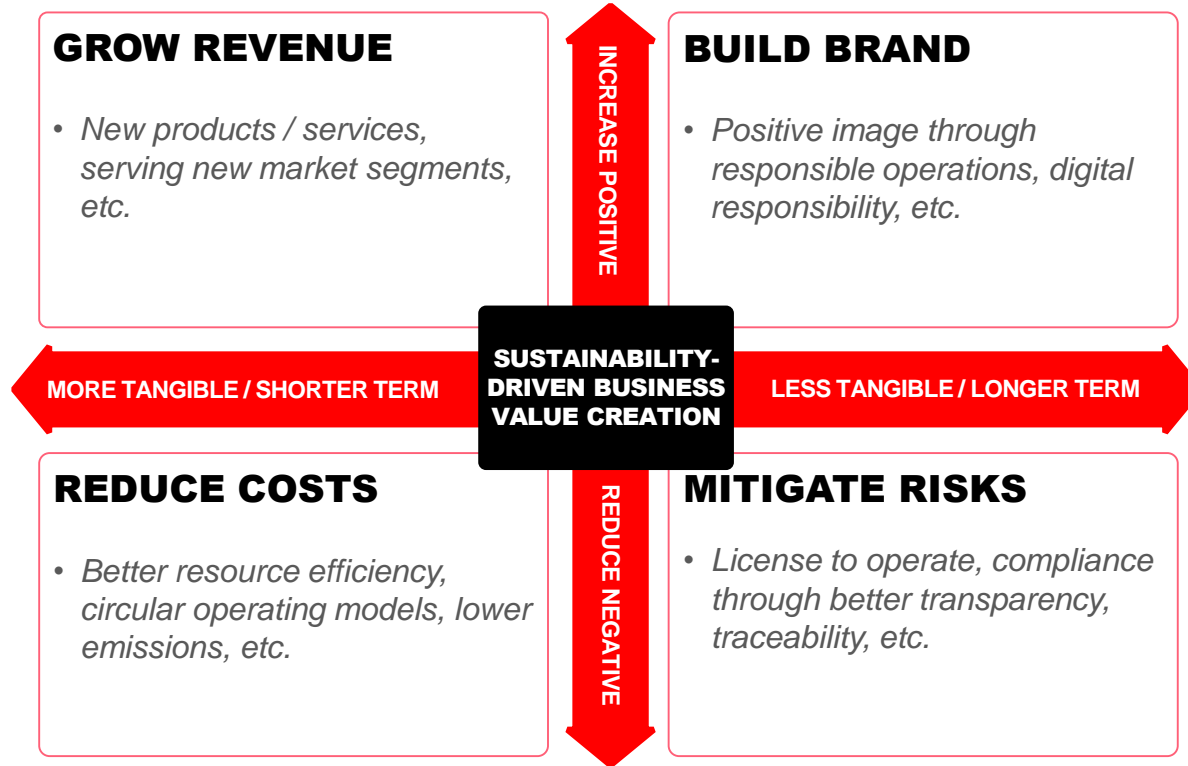
ICT sector revenues, US\$ trillion in 2030



* Others include: Connected private transportation, e-banking, e-health, real-time disaster warnings, smart agriculture, smart conservation, smart energy, smart logistics, smart manufacturing, smart police, smart water management, traffic control & optimization

Source: GeSI and Accenture Strategy Analysis, 2016

SUSTAINABILITY PROVIDES A FRAMEWORK FOR BUSINESS VALUE CREATION



REVENUE



Tires as a service

COST



“Beyond the breweries”

BRAND



Electric cars

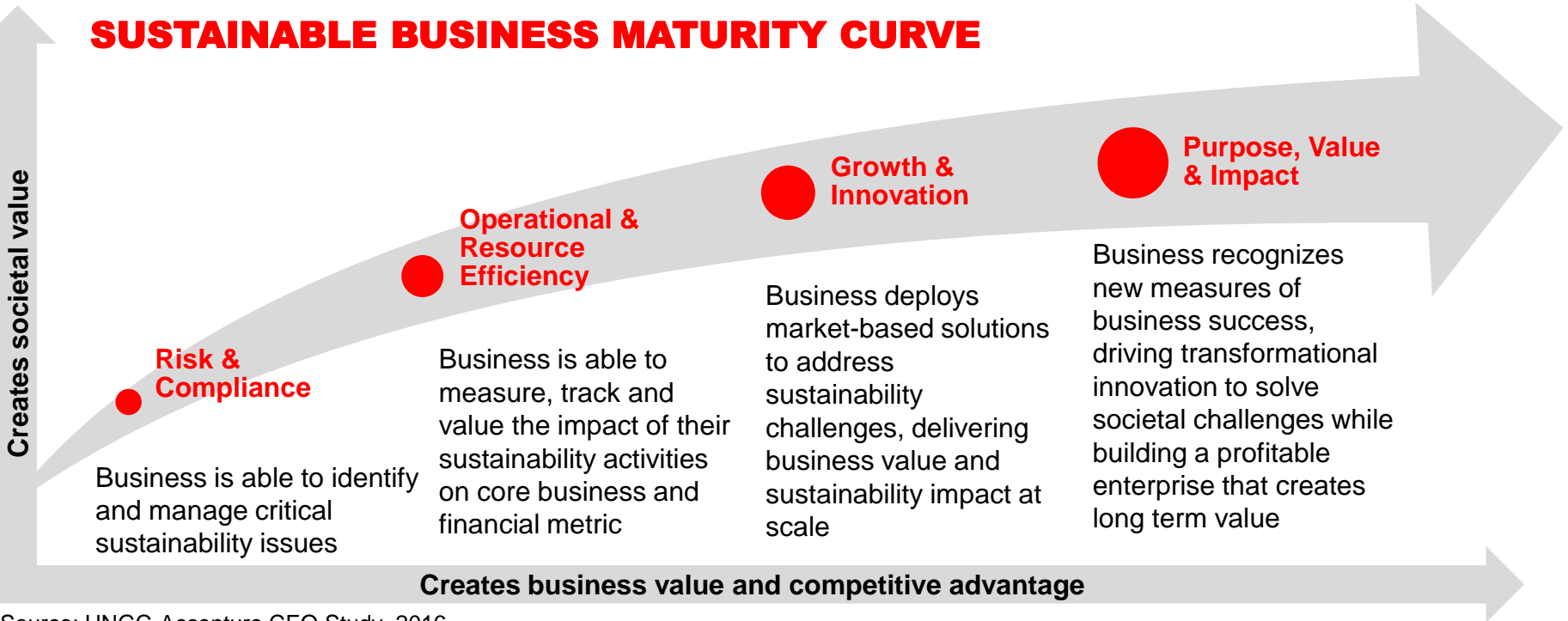
RISK



Renewables

IN THE JOURNEY TOWARDS SUSTAINABLE BUSINESS, WE SEE COMPANIES MATURE IN 4 STEPS

SUSTAINABLE BUSINESS MATURITY CURVE



Source: UNGC-Accenture CEO Study, 2016

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BUSINESS LEADERS ARE STILL LOOKING FOR WAYS TO MEASURE IMPACT & ALIGN MARKET INCENTIVES



59% report their company is able to accurately quantify the business value of their sustainability initiatives...up from 38% in 2013



88% believe that greater integration of sustainability issues in financial markets will be essential to making progress/...



...but only **10%** cited pressure from investors as a top three factor driving them to take action on sustainability.

ADDITIONAL INFORMATION

Please visit:

www.accenture.com/sustainability