

## GLOBAL AND REGIONAL MEGATRENDS

To provide a "frame" for the Summit discussions this year, experts will present a global and regional look at demographic, economic, climatic and social trends affecting markets worldwide. What changes in consumer trends due to the ongoing pandemic will be provided, as well as the trending usage of Space for data and other tech applications will be explored.

**Moderator:** Lyn Lewis-Smith, CEO, BESydney (Australia)

**Speakers:** Sonia Wedrychowicz, Partner, McKinsey Middle East (Poland)

**Sonia Ermin**, AMET (Africa, Middle East and Turkey) Customer Success Leader, Nielsen IQ (Turkey/UAE)

**Ali Faramawy**, Board Director, Central Bank of Egypt and former President, Microsoft Middle East and Africa (Egypt)

**Mani Thiru**. Head of Space & Satellite Solutions, Asia Pacific Amazon Web Services (Australia)

**Sonia Wedrychowicz:** +15°C every year

"Climate change"

Supply constraints / Climate destructions

Labor market disruptions


Air pollution → Δ Deaths & Water scarcity

→ GDP per capita: >65 years x 2 in 20 years.

} Groomy & sad

- GRLS +12 years & 83% female literary
- 80 years life expectancy in developing countries.
- US 50% women earn = men at home and 16% households, breadwinners.

**Ali Faramawy:** "TECH & TRONOS: A LEADERSHIP PERSPECTIVE"

- Sailing into the unknown  Decisions about people
- Getting better (human brains)
- "Every company needs an IA strategy now, but responsible".

**Mani Thiru**

# TALKING POINTS



LOOKING AROUND



A CHAT GPT PERSPECTIVE



THE CORPORATE WORLD IS TAKING NOTICE



WHAT ABOUT YOU??



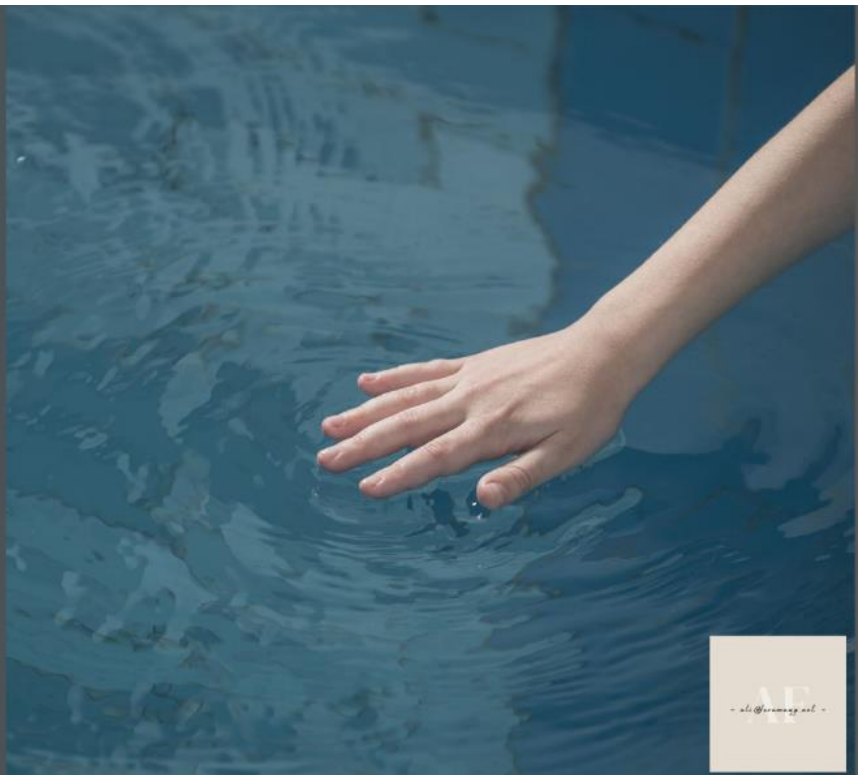
# LEADERSHIP & BALANCING ACTS

Ambition

Responsibility

Regulation

Talent



A satellite view of Earth from space, showing a large plume of red smoke rising from the African continent. The smoke is dense and covers a significant portion of the continent. The rest of the Earth is visible in shades of blue, green, and brown, with white clouds scattered across the surface.

## Using space to protect our Earth

Fireball International (Exci) uses AWS to accurately alert their customers **within three minutes of smoke detection**, by storing and processing over 2.5 million satellite and sensor images in 24 hours

A map of Africa with a complex network of blue and green lines representing rivers and water bodies. The map is overlaid with a grid of small, colorful squares in shades of blue, green, and yellow, indicating high-resolution satellite data. The background is dark, making the map elements stand out.

## Enabling insights for better decision-making

Digital Earth Africa uses AWS to **make continental-scale high-resolution satellite data available within minutes of capture, 800% faster than before**, thereby enables prompt government environmental policy changes.

## Want to be a part of the solution?

- Imagine playing a role in space technology
- Solving for climate change
- Getting involved in the space economy

You can.....!



<https://pages.awscloud.com/cloudup-for-her-cloud-practitioner.html>

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## A Free AWS Cloud Training Program for Women globally



- Community
- Confidence
- Flexibility
- Support
- Mentoring

### Cloud Practitioner

- No pre-requisites
- Foundational training
- 8 weeks

### Solution Architect Associate

- Technical background
- Hands-on component
- 12-18 weeks



## Amazon partners with USAID, \$53 million to fast-track innovations by female climate tech entrepreneurs



<https://www.aboutamazon.com/news/sustainability/amazon-commits-53-million-to-fast-track-innovations-by-female-climate-tech-entrepreneurs>

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## 2023 CWDI REPORT ON WOMEN BOARD DIRECTORS OF MENAT

### (Middle East, North Africa, Turkey)

**Speakers:** **Irene Natividad**, Summit President  
**Rana Ghandour Salhab**, Partner and ME Executive Member;  
 Former Board Director, Deloitte Middle East (UAE/Lebanon)

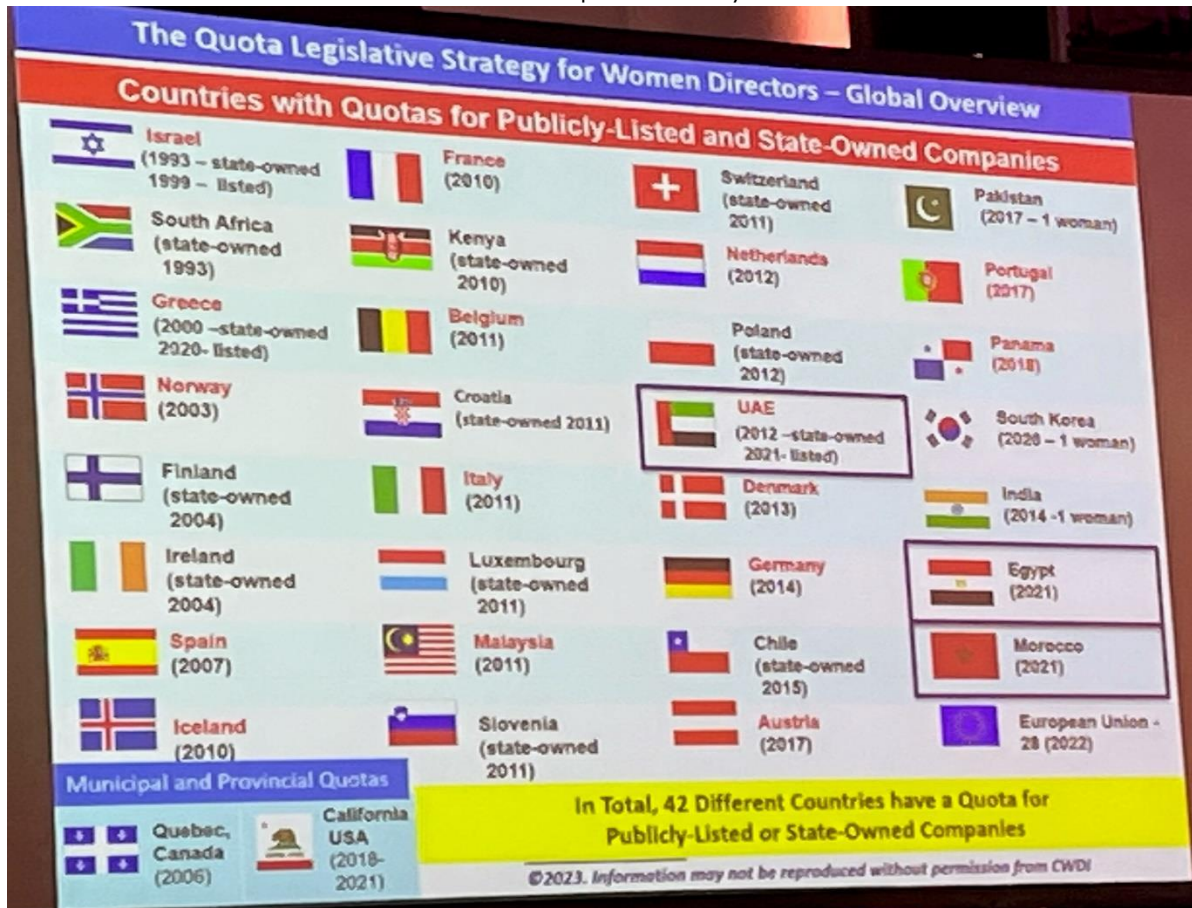
- Rana
  - Learnings from the west
  - Region 5 +  
5 =  
5 -

INSIGHTS

1. Companies on the list (% advantage): gender equality policies!
2. Public disclosures (gender advanced program)
3. MENAT: Listed in SE or family owned.  
 GOT THE SEAT = USE THE SEAT!
4. Board vs. Leaders in the Company

CONCLUSION: 1. Government + political support  
2. Regulator  
3. Lobby at the top! } Multiplier Effect

LAW & MANDATORY & REGULAR ... 34 Reports in 26 years




## Economies with Board Diversity Language in Corporate Governance Codes, Stock Exchange Listing or Security Exchange Commission Requirements


Stock Exchange Commissions	Corporate Governance Commissions	Corporate Governance Commissions (Cont'd)	Corporate Governance Commissions (Cont'd)
SPAIN (2007)	KENYA (2002)	AUSTRIA (2010)	PAKISTAN (2017)
AUSTRALIA (2011)	FINLAND (2003, 2008)	DENMARK (2010)	PORTUGAL (2018)
ITALY (2011)	SWEDEN (2004)	MOROCCO (2010)	LEBANON (2018)
SINGAPORE (2011)	NORWAY (2004)	MALAWI (2011)	EGYPT (2019)
JAPAN (2009)	NETHERLANDS (2008)	NIGERIA (2011)	TUNISIA (2019)
POLAND (2010)	BELGIUM (2009)	SLOVENIA (2011)	UAE (2020)
MALAYSIA (2011)	LUXEMBOURG (2009)	CANADA (2014)	ARGENTINA (2019)
HONG KONG (2012)	SOUTH AFRICA (2009)	SWITZERLAND (2014)	CHILE (2015)
NEW ZEALAND (2012)	GERMANY (2010)	ROMANIA (2015)	GREECE (2013)
PAKISTAN (2012)	FRANCE (2010)	CROATIA (2019)	IRELAND (2021)
TURKEY (2012, 2014)	UK (2010)	INDIA (2019)	BAHRAIN (2022)


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### Successful Initiatives

#### QUOTAS

 **UAE** – First Country in MENAT to enact a quota for women on boards of state-owned companies in 2012

 **EGYPT** – Set 25% Target in 2019

 **MOROCCO** – Requires 30% women on boards by 2024

#### CORPORATE GOVERNANCE CODE

 **TURKEY** 2012

 **LEBANON** 2018

 **TUNISIA** 2019

 **BAHRAIN** 2022

'Business Case' Studies  
18 in the Region

Country-Specific Reports on  
Status of Women on Boards

Databases of Board-  
Ready Women

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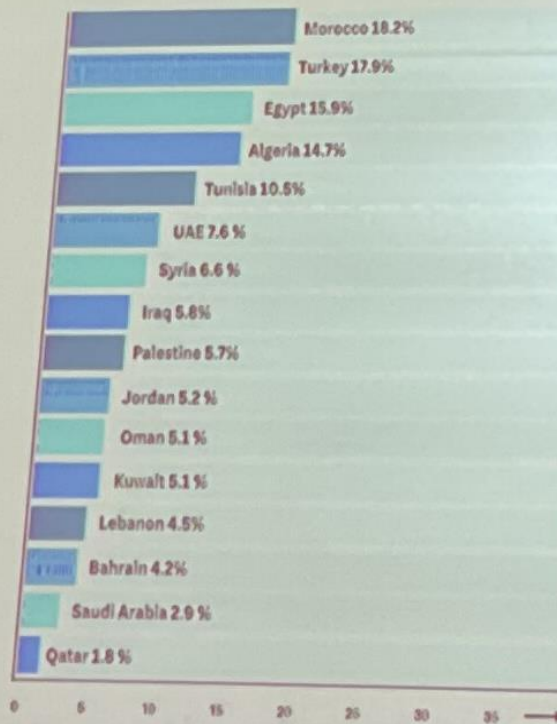
### Regional Percentages of Women Board Directors



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### Country Percentages of Women Board Directors



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## MENAT Companies with 5 Highest Percentages of Women Board Directors (as of Sept 30, 2022)

Company	Country	Number of Women Director	Total Number of Directors	Percentage of Women Directors
Turk Prysmian	Turkey	4	8	50%
Maridive & Oil Services	Egypt	5	11	45.5%
Dogan Holding	Turkey	5	11	45.5%
Smart Solar Technologies	Vietnam	5	11	45.5%
Sisecam	Turkey	4	9	44.4%
Credit du Maroc	Morocco	4	9	44.4%
Aksa	Turkey	4	9	44.4%
Haci Omar Sabanci Holding	Turkey	4	9	44.4%
Colorado	Morocco	3	7	42.9%
Aluminium du Maroc	Morocco	6	14	42.9%
Vestel	Turkey	3	7	42.9%
Tijara and Real Estate Investment Company	Kuwait	2	5	40%
Al Salam Group Holdings	UAE	2	5	40%
Assurances Maghreb	Tunisia	2	5	40%
Alomar Foods Co	Saudi Arabia	2	5	40%
Deva Holding	Turkey	2	5	40%

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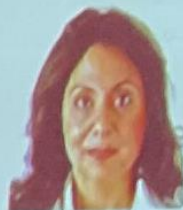
CORPORATE WOMEN DIRECTORS INTERNATIONAL

5

## Women Leading Best Performing Companies



**Ulku Osman**  
CEO, Turk Prysmian  
50%



**Shahira Zeid**  
Chair, Maridive Oil and Gas  
45.5%



**Begumhan Dogan Faralyali**  
Chair, Dogan Holding  
45.5%



**Gular Sabanci**  
Chair, Haci Omer Sabanci Holding  
44.4%



**Sheikha Yasmine Mubarak Al Sabah**  
Chair, Tijara and Real Estate Investment Co  
40%



CORPORATE WOMEN DIRECTORS INTERNATIONAL

6

## Recommendations

- *Business Case studies in the region need concerted dissemination efforts to make public and to instill in corporate leaders the benefits of gender diverse boards.*
- *Countries with no specific initiative to increase women's board representation on corporate boards should consider either government mandates such as quotas/targets or private sector measures to include gender diversity in the corporate governance code.*
- *Public pressure on public and private sector leaders combined with research on the paucity of women directors can be very impactful.*

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## WOMEN ENTREPRENEURS FORUM: AN INTERGENERATIONAL DIALOGUE

*This forum features women achievers who have created highly successful enterprises spanning technology, retail, food and commerce. They began their ventures at different stages of their lives so this forum provides a look at entrepreneurship from different generations. What were the challenges at the beginning of their ventures as opposed to now? To what do they credit the success and sustainability of their businesses? How did they manage to keep their enterprises on track during this pandemic, and what did they learn from it?*

**Moderator:** **Kitty Chaney – Reed**, Chief Leadership, Culture&Inclusion Officer, IBM (USA)

**Panelists:** **Watanya Amatanon**, Founder, Tao Bin and Chief Product Officer, Forth Vending Co. (Thailand)

**Hronn Margret Magnúsdóttir**, Founder and CEO, Feel Iceland (Iceland)

**Joanna Pruszyńska-Witkowska**, Co-Founder and Vice President, Future Collars (Poland)

**Sima Ganwani Ved**, Founder and Chair, Apparel Group (UAE)

### **GEEIS – Gender Equality European & International Standard**

- The objective is to provide **efficient monitoring tools** for their **gender equality policies**.
- The GEEIS and GEEIS-DIVERSITY labels are aimed at all **European and international groups** that wish to participate in the construction of a more **equitable society based on gender equality and diversity**. The framework has been designed for all types of companies, regardless of their size, configuration and activity, in all countries and on all continents.
- To obtain the GEEIS and GEEIS-DIVERSITY, the group must implement **steering, training and communication tools** to work towards equal opportunities. The labels are awarded following an **on-site audit and a documentary study**.



# TOOLS FOR ACHIEVING GENDER EQUALITY

## STANDARDS & LABELS



## SUSTAINABILITY REPORTING STANDARDS & FRAMEWORKS



# SUSTAINABILITY ACCOUNTING STANDARDS BOARD

- A new Sustainability Accounting Standards Board (SASB) project addresses potential DEI (Diversity, Equity & Inclusion) disclosures and how they vary by industry. The aim of the project is to understand the impact of DEI in 45 industries and to identify which topics and metrics matter most in specific industries.

Channel of Business Relevance	Description
Talent Attraction & Retention	The role DEI plays in a firm's ability to attract and retain talent.
Product Design, Marketing & Delivery	The role DEI plays in enhancing product/service value proposition for consumers.
Community Relations	The role DEI plays in effectively identifying, engaging, and proactively managing issues related to the communities in which a firm operates.
Innovation & Risk Recognition	The role DEI plays in a firm's ability to innovate and recognize risk.

## All 77 SICs industries categorized by color

Indicates proposed for standard setting on DEI

Indicates with an existing topic/employee engagement, diversity & inclusion

Indicates not proposed for standard setting

11

- Consumer Goods**
  - Food & Beverage
  - Apparel, Accessories & Footwear
  - Appliance Manufacturing
  - Automated & Personal Products
  - Beer & Spiriting Goods
  - Books, Music, and General Merchandise & Entertainment
  - Building Products & Hardware
- Healthcare**
  - Medical Devices & Equipment
  - Pharmaceuticals
  - Biotechnology
  - Healthcare Services
- Financial**
  - Asset Management & Security Services
  - Insurance
  - Investment Management
  - Real Estate
  - Securities
  - Trusts
- Food & Beverage**
  - Food Products & Distribution
  - Food Services
  - Food Ingredients
  - Food Packaging
  - Food Safety & Quality
  - Food Services
- Health Care**
  - Medical Devices & Equipment
  - Pharmaceuticals
  - Biotechnology
  - Healthcare Services
- Manufacturing**
  - Chemical, Plastics, & Rubber Products
  - Engineering & Construction Services
  - Food Products & Distribution
  - Food Services
  - Food Ingredients
  - Food Packaging
  - Food Safety & Quality
  - Food Services
- Technology & Communications**
  - Software
  - Hardware
  - IT Services
  - Telecommunications
  - Media
- Energy**
  - Electric, Gas, & Water Utilities
  - Oil & Gas
  - Renewable Energy
  - Energy Services
- Transportation**
  - Air
  - Marine
  - Rail
  - Road
  - Trucking

## ISO STANDARDS

### ISO 30415:2021 - Human resource management — Diversity and inclusion

- Applies to the human resource management life cycle, delivery of products and services, supply chain relationships, and relationships with external stakeholders to ensure equity, fairness and equality
- Encourages organizations to use a continual improvement plan, do, check and review approach



### ISO/DIS 53800 (Draft Standard) - Guidelines for promotion and implementation of gender equality and women's empowerment

- To develop the capabilities to achieve a culture of gender equality and women's empowerment
- Focuses on the inequality resulting from the gender specific roles assigned to women, girls, men and boys and is applicable to all types of organisations
- Includes the framework, resources, policies, tools and good practices



## SUSTAINABILITY REPORTING STANDARDS

- Sustainability reporting is the process of measuring, disclosing, and communicating a company's environmental, social, and governance (ESG) performance.
- Customers and other stakeholders are demanding more **transparency and accountability** from companies on their sustainability performance.
- Companies are facing **regulatory pressures** to report on their ESG performance.
- **Gender equality** is one of the main factors under the 'social' category of ESG.
- Sustainability reporting should be aligned with **recognized reporting frameworks and standards**, such as the Global Reporting Initiative (GRI) Standards, the Sustainability Accounting Standards Board (SASB) Standards, and UN Sustainable Development Goals.

# GLOBAL REPORTING INITIATIVE

## GRI 405: DIVERSITY AND EQUAL OPPORTUNITY STANDARD

- ✓ Disclosure 405-1 Diversity of governance bodies and employees
- ✓ Disclosure 405-2 Ratio of basic salary and remuneration of women to men

**Disclosure 405-1**

**Reporting requirements**

The reporting organisation shall report the following information:

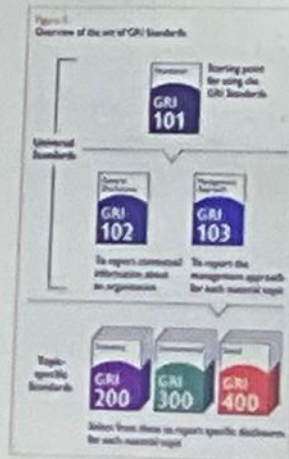
- Percentage of individuals within the organisation's governance bodies in each of the following diversity categories:
  - Gender;
  - Age group: under 30 years old, 30-50 years old, over 50 years old;
  - Other indicators of diversity where relevant (such as minority or vulnerable groups).
- Percentage of employees per employee category in each of the following diversity categories:
  - Gender;
  - Age group: under 30 years old, 30-50 years old, over 50 years old;
  - Other indicators of diversity where relevant (such as minority or vulnerable groups).

**Disclosure 405-2**

**Reporting requirements**

The reporting organisation shall report the following information:

- Ratio of the basic salary and remuneration of women to men for each employee category, by significant business of operation;
- The definition used for 'significant business of operation'.



# UN SUSTAINABLE DEVELOPMENT GOALS

- Out of 17 SDGs, 10 have gender-specific indicators.
- Out of 231 total indicators, 51 of are gender specific indicators.
- Goal 5 is only related with gender equality.



## THE FUTURE OF MONEY: FROM FINTECH TO CRYPTO/NFTs

It's no surprise that accelerated digitalization during and post-COVID would impact our currencies. The virtual world has created its own financial instruments and platform, which have been adopted globally, upending the traditional financial global market. The marriage of finance and technology (FinTech) has changed how and who can receive financial services, enabling the banking of the "unbankable" normally unreachable by traditional banks. Digital currencies and assets – crypto coins and NFTs - - have gone through boom and bust but remain hugely popular in many parts of the worlds, especially the young who believe in a cashless society. Meanwhile, global banks are now creating products to address major global issues such as climate change with the issuance of "green" bonds, for example, which were once at the fringes of their services. **The world of money is changing, in other words, and technology is driving its transformation.**

**Moderator:** **Dr. Cindy Pace**, Vice President & Global Chief Diversity & Inclusion Officer, MetLife (USA)

**Panelists:** **Raja al Mazrouei**, CEO, Eithad Credit Insurance (UAE)  
**Martha Sazon**, President and CEO, Mynt/Gcash (Philippines)  
**Patama Chantaruk**, Country Managing Director, Accenture Thailand (Thailand)  
**Imeme Rejeb - Mzah**, Head of Climate Analytics and Alignment Data Analytics (France)

**Empowering Overseas Filipinos by Going Beyond Borders**

**40% OFWs Reconnected**

**Reconnect with G) GCash**

**10M**  
Filipinos Living & Working Abroad

Use GCash with an Int'l Sim

**Global Pay with G) GCash**

**Alipay+**  
1M Merchants  
9 Countries  
Real-time Forex

**GCash Card**  
36M Merchants  
210 Countries  
150 Currencies

GCash is now global!  
**Go cashless even abroad**  
Scan To Pay now

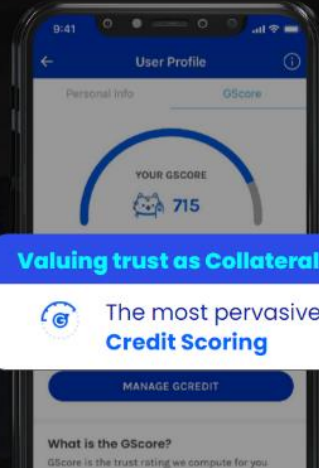
GCash  
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At the Heart of Inclusion

# Solving the Lack of Access to Credit

**57%** of PH borrowers  
rely on informal loans

Our Solution: **GScore**



**Why?**

**49%** No documents

**40%** No collateral

**36%** Not enough IDs

At the Heart of Inclusion

# Solving the Lack of Access to Credit



Bringing access  
to the masses

**ABC1 36%**

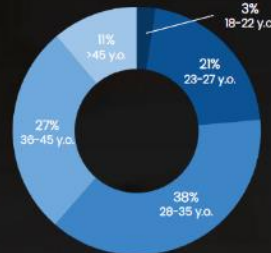
**C2 31%**

**D 31%**

**E 2%**



Inclusivity across  
all age brackets



Ranging  
ages **21-65**



Empowering  
Women Borrowers

**2 out of 3**

are Women Borrowers

of which

**35%**

are Business Owners



Innovation for Good

# GForest

Creating an eco-movement for the nation

- 12.8M** Green Heroes
- 2.2M** Actual Trees Planted
- 31B** Carbon Emissions Saved

## Generative AI: Democratization of Fraud – how deep is your “deepfake”?



**Alleged Crypto Scammers Used AI And Actors As Faux CEOs**



**Spain Halts a Crypto Scam That Drained Over \$110 Million From Investors**

CONNECT YOUR WALLET

# Future of Money: Universal Wallet

TOKENIZATION      New level of TRUST      New OPPORTUNITIES      High DATA PRIVACY

Responsibly      Inclusively      Securely

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## Turn unbanked to banked

**1 billion** new consumers

## EVS, AI, ROBOTICS AND YOUR ENTERPRISE

Technology advances have sped up recently providing new tools which are transforming how we live, the products and services we create while also opening up a new world with consequences we haven't even envisioned. Electric vehicles will impact transport needs whether for our homes, our businesses and the vendors in our supply chain. AI applications are already here but there's a race among major tech companies to develop ever better generative versions that will bring about a major transformation in technology and information transfer as big as when the internet first came around. Robots are also already in much use, especially during COVID when a lack of workers produced mechanical helpers who can clean floors as well as track inventories. To remain competitive, our enterprises must figure out how to use these tech tools to foster growth.

**Moderator:** **Carolina Granat**, Chief Human Resources Officer, ABB (Switzerland)

**Speakers:** **Angeline Tham**, Founder & CEO (Philippines)

**Susana Rodriguez Puerta**, Chief Operating Officer for Application, East/Central Europe, Middle East & Africa, Oracle (Spain)

**Ping Xiao**, Head of Robotic Service, ABB China (China)

**Susana Rodriguez Puerta, (Spain).**

### ARTIFICIAL INTELLIGENCE

5 Questions

1. What is AI ?

- Algorithm
- Learning
- Human replacement
- Creativity

→ Technical vs. Social definition

❖ 99% of business processes

CRM → GPT!

Industrial → Operations efficiency

**Ping Xiao, ABB China**

- |   |                           |   |                                  |
|---|---------------------------|---|----------------------------------|
| { | • Reduce reliance on life | } | Hospital in China                |
|   | • Improve accuracy        |   | 0 error in delivering medicines! |
|   | • Better traceability     |   |                                  |

- Improve end to end apply chain resilience.
- Better flexibility
- Improve efficiency and quality



Prepare “packs” with a ribbon & prepare coffee “barman”

**Angeline Tham, Founder & CEO, Angkas (Philippines)**

Shut down { Scare  
Angry

Motorcycle taxi fleet 30,000 { 4 { 3 government  
1 covid

1 million jobs in 3 years

CONCLUSION

Non technology background

# 1. What is AI?

- Technical definition vs. Social definition
- Key concepts
  - Algorithm
  - Learning
  - Human replacement
  - Creativity

## 2.

### Why now?

- Concept from 1956
- Increased data volumes
- Advanced algorithms
- Computing power and storage

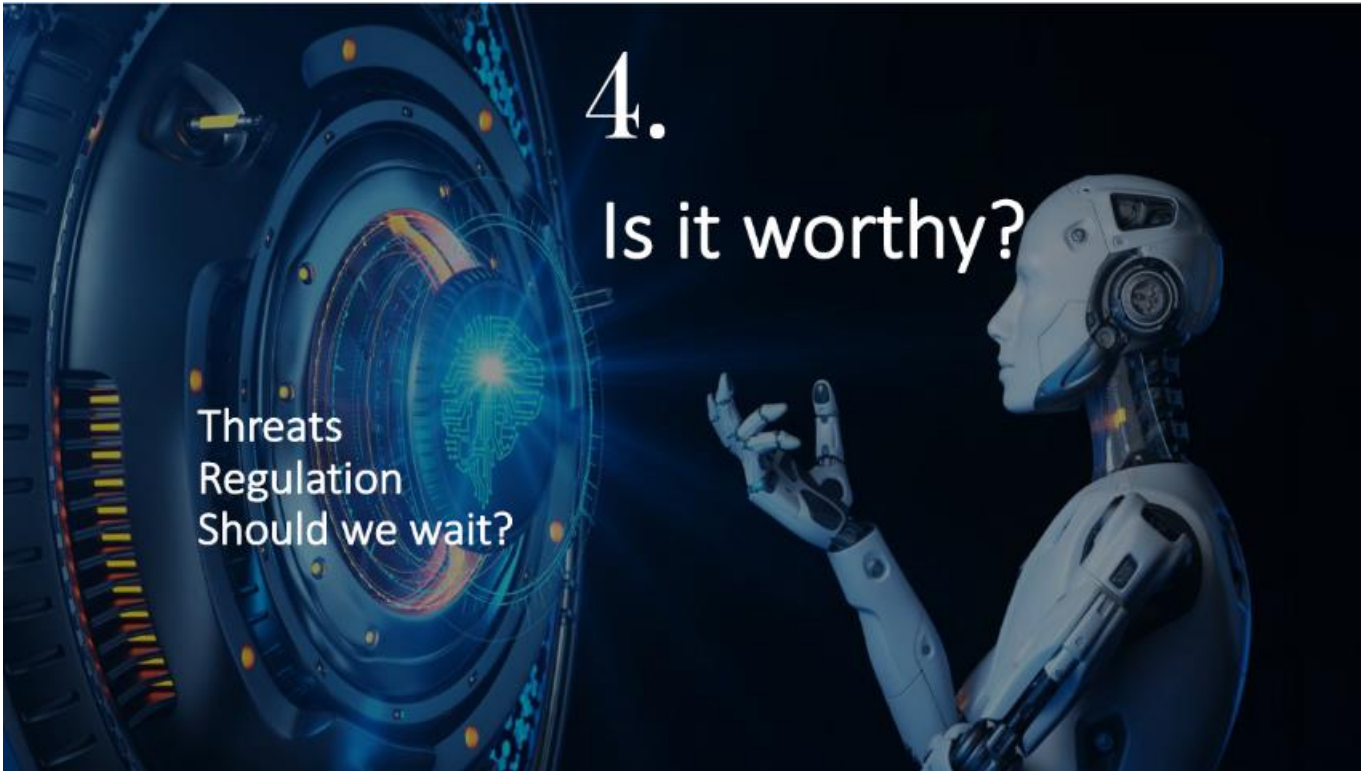
## 3. How do we use it?



4.

Is it worthy?

Threats  
Regulation  
Should we wait?



5. Is it gonna  
change the  
business  
world?

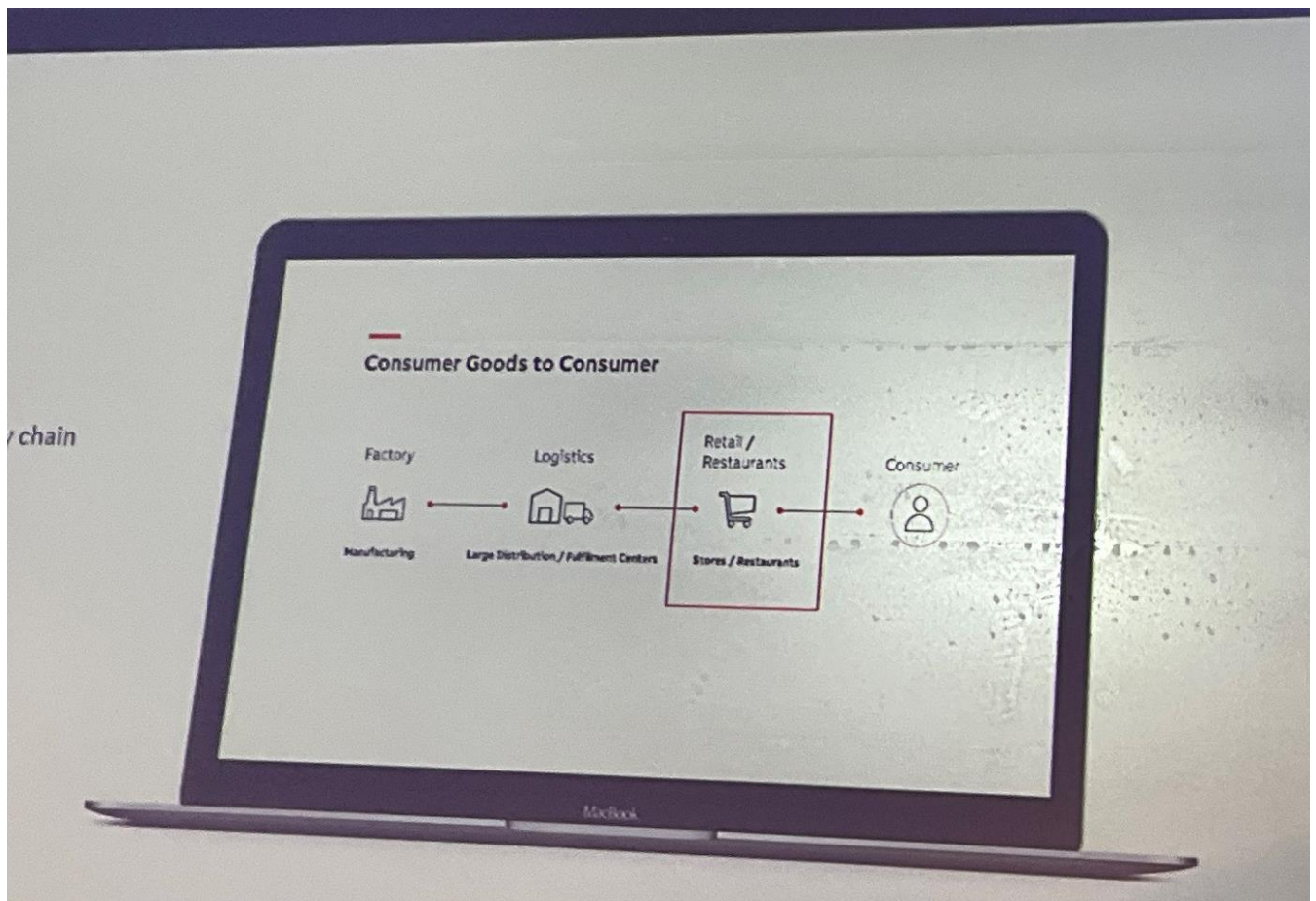
Business Applications  
New big thing  
The future is now



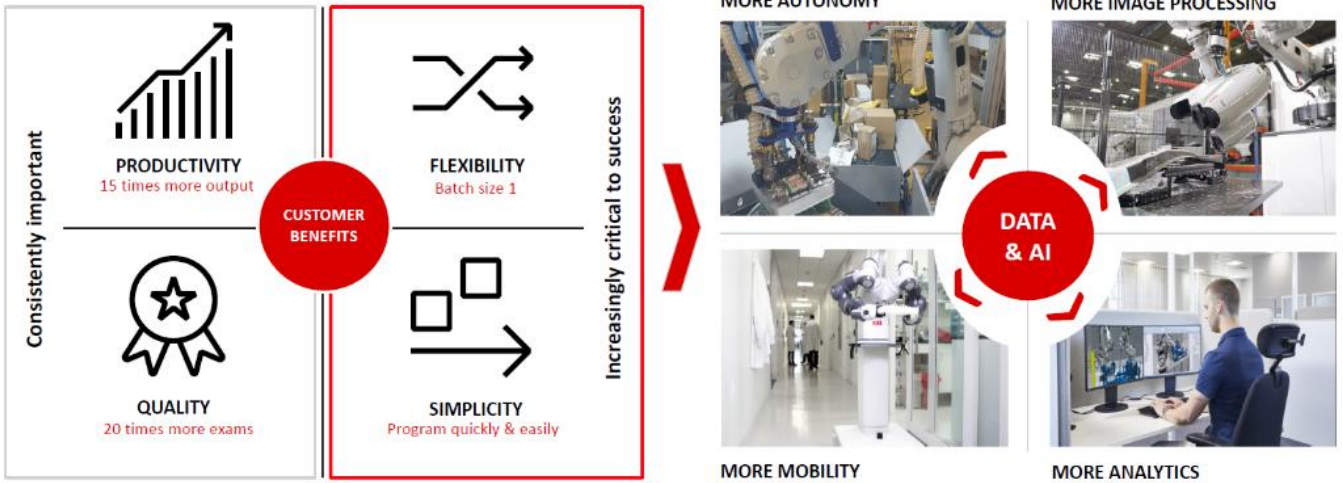
How can we unlock potential in SMEs?

Understanding the value chain

## 6. Bonus question



## Value proposition through data and AI



May 16, 2023

Slide 6

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# 84%

of businesses said they will introduce or increase the use of robotics automation in the next decade\*

\*ABB Industry Study January 2021, survey of 1,650 large as well as small and medium-sized enterprises in Europe, USA and China

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What do you think?

For small and medium enterprises.....



Human-robot collaboration

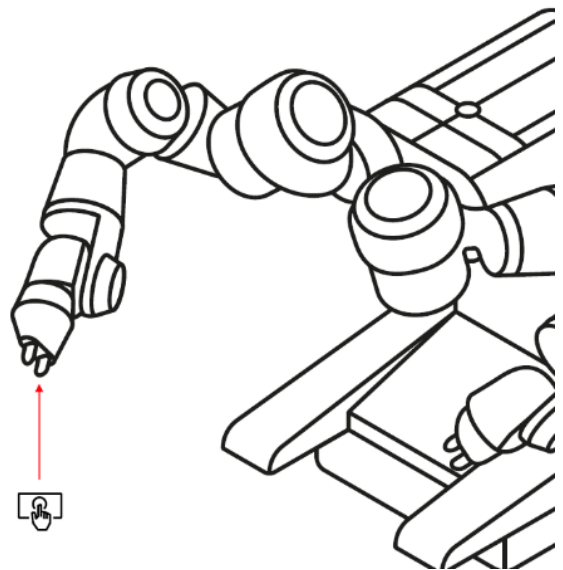


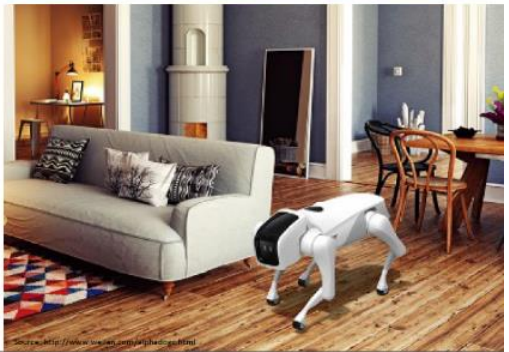
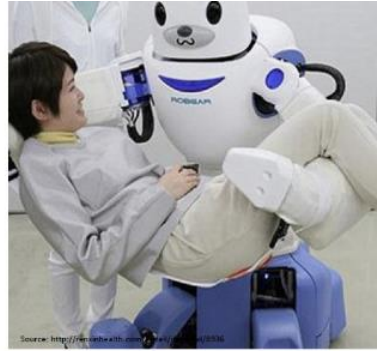
Decreasing robot price



Easy for deployment & use

slide





**This is the decade where robotics and automation will change the way we work, improve the nature of work and help to advance society.**

## NEW CLIMATE IN “GROWING” WOMEN – OWNED ENTERPRISES

Women-owned enterprises suffered disproportionately during the pandemic, largely because so many depended on foot-traffic. Those WBEs which transitioned to ecommerce survived, but those that couldn't had to close their doors. Post – pandemic, the marketplace has changed, so where do opportunities lie for women entrepreneurs keep in mind as they assess their own businesses? This sessions benefits from the expertise of seasoned funders and business developers who think outside the box and are committed to support women's entrepreneurship over the years.

**Moderator:** Tess Mateo, Manager Director, CXCatalysts (USA)

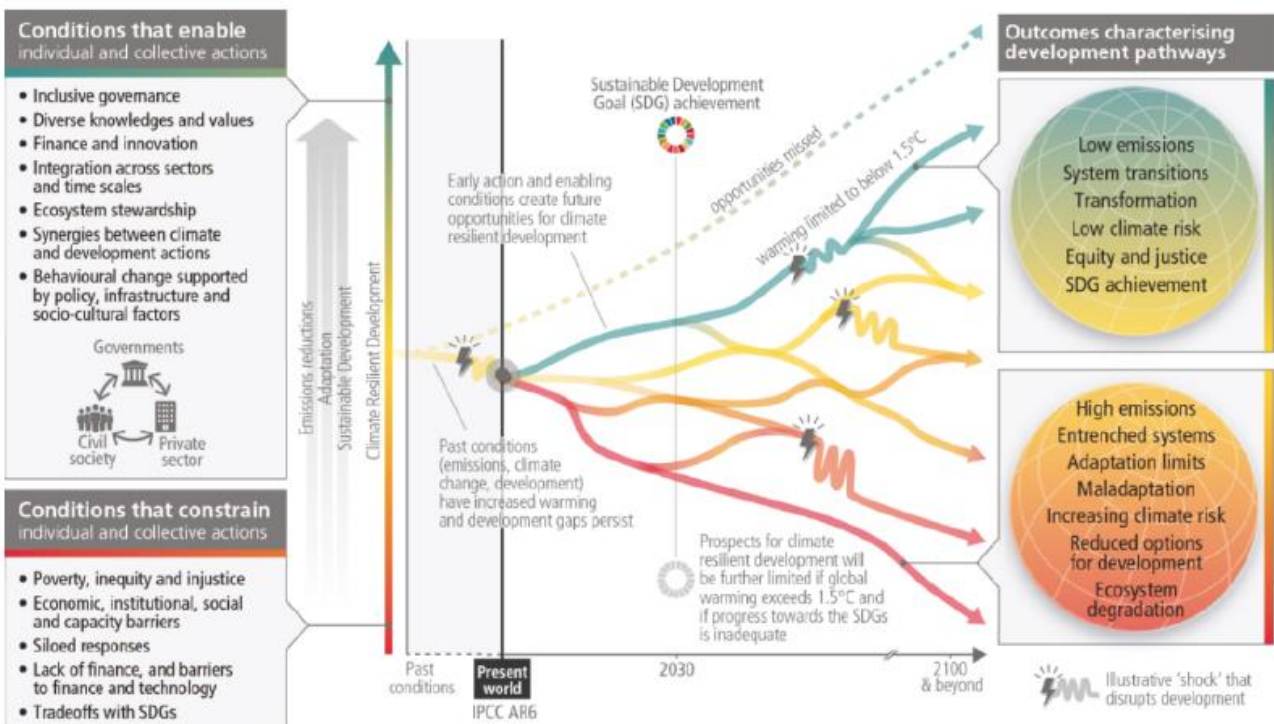
**Presenters:** Iman ben Chaibah, Head of Community Management, Sharjah Entrepreneurship Center (UAE)

Mariana Bozesan, Founder & General Manager, AQAL Capital (Germany)

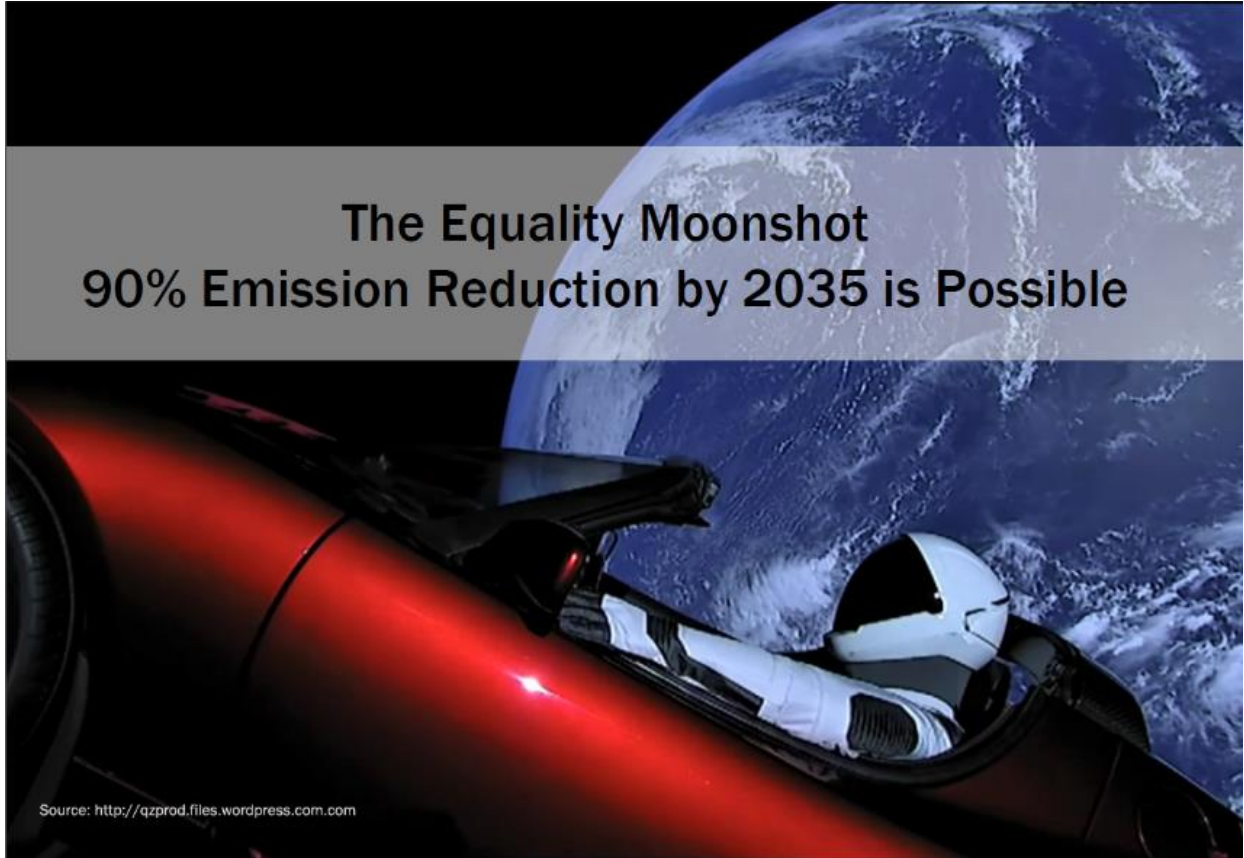
Dr. Hoda Yassa, Founder, TCL Group & President, Arab Women Investors Union (Egypt)

## Extraordinary opportunities for women in sustainability

Investment money from governments: IPCC Report March 2023



Source: IPCC, AR6 Synthesis Report (2023, 19 March). <https://www.ipcc.ch/report/ar6/syr/>



Source: <http://qzprod.files.wordpress.com.com>

## Crisis vs. abundance: Unique opportunity in history



**CRISIS**

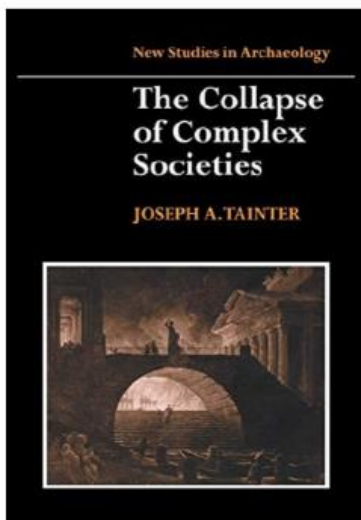
**ABUNDANCE**

THE LAW OF

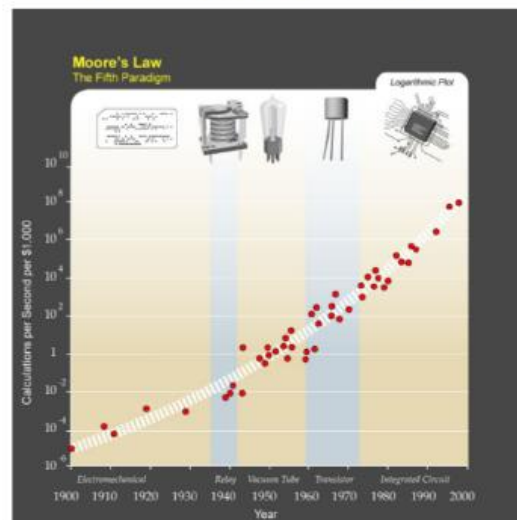
THE LAW OF

DIMINISHING RETURNS

ACCELERATED RETURNS



Source: Diminishing returns. (2023, February 9). In *Wikipedia*. [https://en.wikipedia.org/wiki/Diminishing\\_returns](https://en.wikipedia.org/wiki/Diminishing_returns)



Source: The Law of Accelerated Returns. [https://en.wikipedia.org/wiki/Accelerating\\_change#/media/File:PPTMoore'sLawai.jpg](https://en.wikipedia.org/wiki/Accelerating_change#/media/File:PPTMoore'sLawai.jpg)

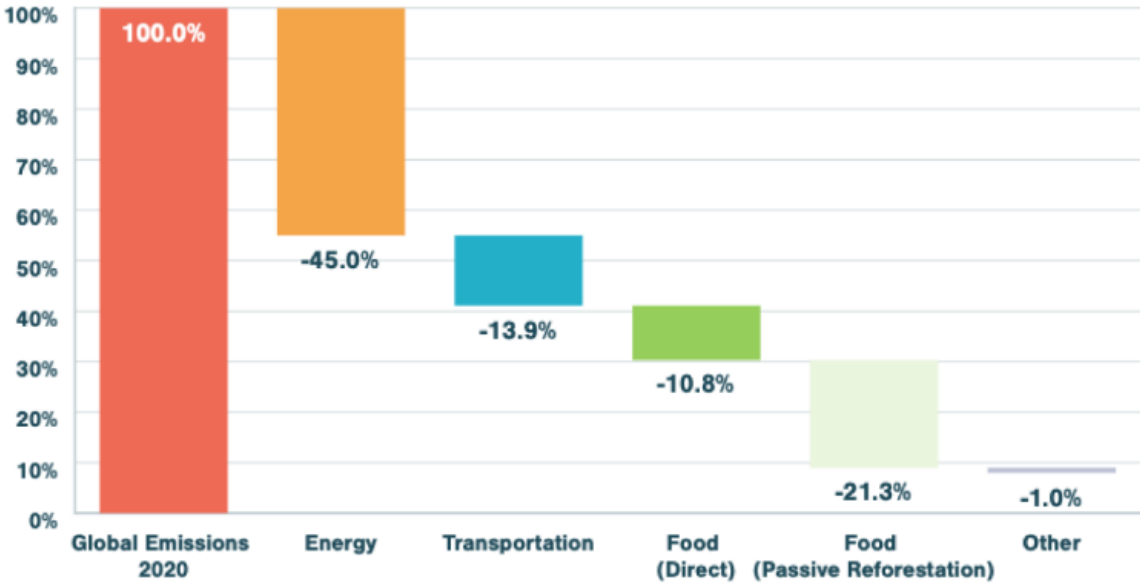
# Great funding and opportunities for women-owned businesses is available today



## Available funding and growth opportunities



90% EMISSION REDUCTION THROUGH ENERGY, TRANSPORTATION, FOOD



Source: RethinkX.

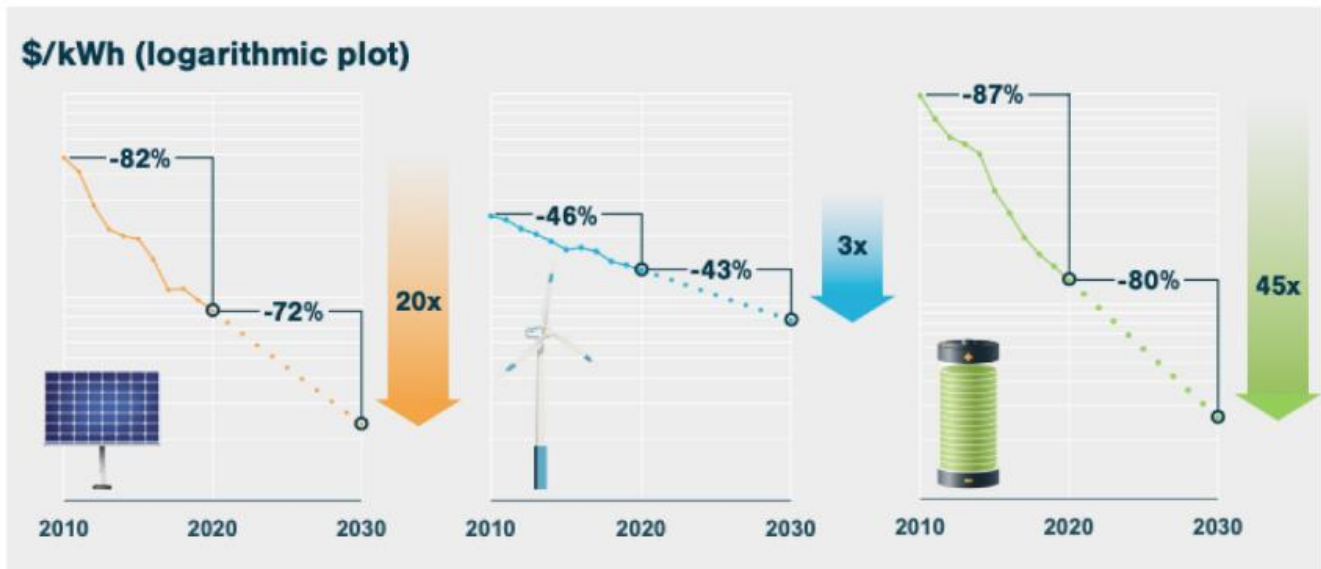
# Opportunities in Energy: From the sun not fossil fuels



FOR PURELY ECONOMIC REASONS

100% Solar, Wind & Batteries is possible by 2030, because it is **cheaper!!!**

➤ **GREAT FUNDING & BUSINESS OPPORTUNITIES FOR WOMEN**



Source: Rethinking Energy 2020-2030: 100% Solar, Wind and Batteries is Just the Beginning (2020, October). <https://www.rethinkx.com/energy>

# Opportunities in Transportation: Transport as a Service



FOR PURELY ECONOMIC REASONS

## Electric Vehicles are Computers on Wheels

- 4-10X times **cheaper** than individually owned vehicles by 2030
- Electric Vehicles' lifetime lasts **3-7X times longer** than traditional ones
- **80% less vehicles** on the road by 2035

➤ Convergence of

On Demand + Autonomous EVs + owned by **FLEETS** (not individuals)

➤ **GREAT FUNDING & BUSINESS OPPORTUNITIES FOR WOMEN!!!!**

Source: Rethinking Transportation 2020-2030 (2017, May). <https://www.rethinkx.com/transportation>

## General funding sources for women-owned businesses

Consider type, requirement, the value and mission of funders

- **Impact investors**
- **Crowdfunding platforms**
  - Kickstarter & Indiegogo for many investors & offer rewards
- **Grants**
  - Government agencies, foundations, or other organizations
- **Accelerators and incubators**
  - funding, mentorship, and other resources
- **Corporate social responsibility programs**
  - from large corporations for sustainability-focused startups

TAKE ADVANTAGE FOR PURELY ECONOMIC REASONS

## Sustainability funding from governments

EUROPEAN UNION: Green Deal €528B

Goal: Become the first carbon neutral continent by 2050

50% from EU Emissions Trading System

50% **InvestEU**: €279B: PPP & national co-funding

**Green Climate Fund**: Flexible combination of grants, concessional debt, guarantees or equity instruments

Industrial Plan; Critical Raw Materials Act; Net Zero Ind. Act

Horizon 2020 program & LIFE program

➤ **Women-led businesses can benefit in**

- Renewable energy & green transportation,
- Sustainable agriculture & waste management

## Specific sustainability funding from governments



UNITED STATES: Green New Deal +\$400B

Executive Order on Tackling Climate Crisis at Home and Abroad with the goal of 100% clean energy by 2030

Economic Growth & Reduce Economic inequality

Women in Climate Initiative & Climate and Environmental Justice Screening Tool

Women's Business Centers & National Associations for Women Biz Owners, Small Business Innovation Research program, Small Business Technology Transfer program, Female Founders Funds, Criterion Institute gender lens investors, etc.

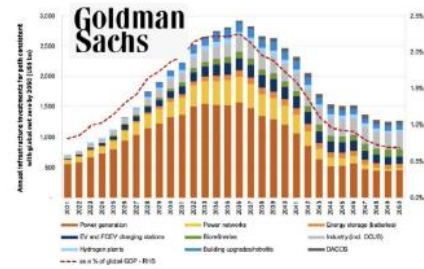
## Country & Corporate Net Zero Commitments – New Business Opportunities





# Females' roles in green transition

- New gender lens to green policies, finance and national climate plans for a just transition to net zero
- Goldman Sachs estimates \$56 trillion will be invested in green infrastructure alone (to achieve net zero)
- How can we ensure >30% of \$56 trillion directly benefit women and girls?



► Just transition: An essential pathway to achieving gender equality and social justice



# A Radical BOLD Vision

- Achieve Net Zero AND Gender Equality by 2050
- Equality Moonshot: At LEAST 30% of the world's resources are under woman's name by 2050; from representation to ownership/control
- "Climate change is this generation's greatest challenge AND wealth creating opportunity"  
Sir Richard Branson, Virgin Group



**From Art to Reality  
NASA Artemis  
1<sup>st</sup> woman on the moon by 2025**

# How can females help rapidly transform high emitting sectors?

- Only ONE remaining path to sustainable 2050
- Top priorities: renewable energy and sustainable food chains
- Simultaneously decarbonize industry, buildings, transportation and financial systems
- Governments & Corporates have made commitments to source from women owned businesses (see UN ITC [www.shetrades.com](http://www.shetrades.com) & [www.weconnectinternational.org](http://www.weconnectinternational.org))

	ELECTRICITY SUPPLY	INDUSTRY	TRANSPORTATION	BUILDINGS
National governments	<ul style="list-style-type: none"> <li>Remove fossil fuel subsidies in a socially acceptable manner</li> <li>Remove barriers to expansion of renewables</li> <li>Stop expansion of fossil fuel infrastructure</li> <li>Plan for a just fossil fuel phase-out</li> <li>Adapt market rules of electricity system for high shares of renewables</li> </ul>	<ul style="list-style-type: none"> <li>Support zero-carbon industrial processes</li> <li>Promote circular material flow</li> <li>Promote electrification</li> <li>Support alternative carbon-capturing mechanisms</li> <li>Support research and innovation</li> <li>Promote low-carbon products</li> <li>Plan for a just transformation</li> </ul>	<ul style="list-style-type: none"> <li>Set mandates to switch to zero-emissions road vehicles by specific dates</li> <li>Regulate and incentivize zero-carbon fuels for aviation</li> <li>Adjust taxation/pricing schemes</li> <li>Invest in zero-emissions transport infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Regulate towards zero-carbon building stock</li> <li>Incentivize zero-carbon building stock</li> <li>Facilitate zero-carbon building stock</li> </ul>
International cooperation	<ul style="list-style-type: none"> <li>Cooperate on a just coal phase-out</li> <li>Support initiatives on emissions-free electricity power systems feasibility and interconnection solutions</li> </ul>	<ul style="list-style-type: none"> <li>Cooperate on zero-carbon basic materials</li> <li>Cooperate on hydrogen</li> <li>Share best practice</li> </ul>	<ul style="list-style-type: none"> <li>Cooperate on financing and policy development</li> <li>Coordinate on target setting and standards</li> </ul>	<ul style="list-style-type: none"> <li>Provide access and favorable conditions to finance</li> <li>Support skills and knowledge growth</li> </ul>
Subnational governments	<ul style="list-style-type: none"> <li>Set 100 per cent renewable targets</li> <li>Plan for a just fossil fuel phase-out</li> </ul>	<ul style="list-style-type: none"> <li>Engage in regional planning and regulations</li> <li>Cooperate with various stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>Plan infrastructure and supporting policies that reduce fossil demand</li> <li>Adjust taxation/pricing schemes</li> </ul>	<ul style="list-style-type: none"> <li>Implement zero-emissions building stock plans</li> <li>Integrate low-emissions requirements in urban planning</li> <li>Add requirements that go beyond the national level</li> </ul>
Businesses	<ul style="list-style-type: none"> <li>Support a 100 per cent renewable electricity future</li> </ul>	<ul style="list-style-type: none"> <li>Plan and implement zero-emissions transformation</li> <li>Design long-lived products</li> <li>Create circular supply chain</li> </ul>	<ul style="list-style-type: none"> <li>Work towards zero-emissions transportation</li> <li>Reduce travel in operations</li> </ul>	<ul style="list-style-type: none"> <li>Construction and building material companies review business models</li> <li>Achieve zero-carbon owned or rented building stock</li> </ul>
Innovators, private and development banks	<ul style="list-style-type: none"> <li>Engage with or direct fossil fuel electricity utility companies</li> <li>Do not invest or insure new fossil fuel infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Engage with or direct zero-emissions intensive industry</li> <li>Invest in low-carbon energy and process technologies</li> <li>Show awareness of climate risks</li> </ul>	<ul style="list-style-type: none"> <li>Invest in zero-emissions transport infrastructure</li> <li>Support zero-emissions vehicles, vessels and planes</li> </ul>	<ul style="list-style-type: none"> <li>Adjust strategy and investment criteria for zero-carbon building stock</li> <li>Support building renovation</li> </ul>
Citizens	<ul style="list-style-type: none"> <li>Purchase 100 per cent renewable electricity</li> </ul>	<ul style="list-style-type: none"> <li>Consume sustainably</li> <li>Vote</li> </ul>	<ul style="list-style-type: none"> <li>Adopt active mobility practices</li> <li>Use public transportation</li> <li>Use zero-emissions vehicles</li> <li>Acid long-haul flights</li> </ul>	<ul style="list-style-type: none"> <li>Rebuild for improved carbon footprint</li> <li>Towards challenge standards</li> <li>Adopt energy-saving behaviour</li> </ul>

Source: UNEP Emissions Gap Report 2022

## Gender-responsive procurement/investment policy Case studies (USA): Dunamis Energy & US/NY/NYC



- From energy audits to electric vehicle (EV) charger manufacturing
- DTE Energy CEO champion (utility)
- White House Exec Order M-22-03 & Big 3 Auto Supplier diversity targets



- NY 100% clean electricity by 2040; \$4 billion green retrofit budget for 1 million govt owned buildings
- Federal Infrastructure & Inflation Reduction Acts/NYC Climate Mobilization Act
- White House Exec Order M-22-03 & NYC Mayor 2023 State of Union both commit to double spend on M/WBE

