



Club Founder
Dr. Mahmoud Bahgat



International Factories Club

**SUSTAINABLE BUSINESS IN
PHARMACEUTICAL INDUSTRIES**

Online zoom

10pm EGY-10 pm KSA-11 pm UAE

Co-Founder & Host:
Dr. Ahmed Rafat



Dr. Amr Saber
Production Manager

SAT. 24TH MAY 2025



Dr. Amr Saber

Education:

- **Bachelor of Science: Pharmaceutical Sciences**
Faculty Of Pharmacy, Cairo University - Cairo
- **MBA (Master of Business Administration)**
AASMT, Majored in SMEs (Small, Medium Enterprise).
- **AI Diploma, CPGP, CSSGB, PMP, TOEFL**
,Many courses in various knowledge areas.

Experience:

- **Production Manager (Kirovest, Cairo)**
- **Toll -In Manager (Sedico)**
- **Founder and CEO (VRDCI)**
- **Production Section Head Pharmacist (Sedico)**
- **Production Section Head Pharmacist (Rameda)**
- **Production Specialist (Sunny)**



Why

1. Human activity became the top driver of the destruction of our planet



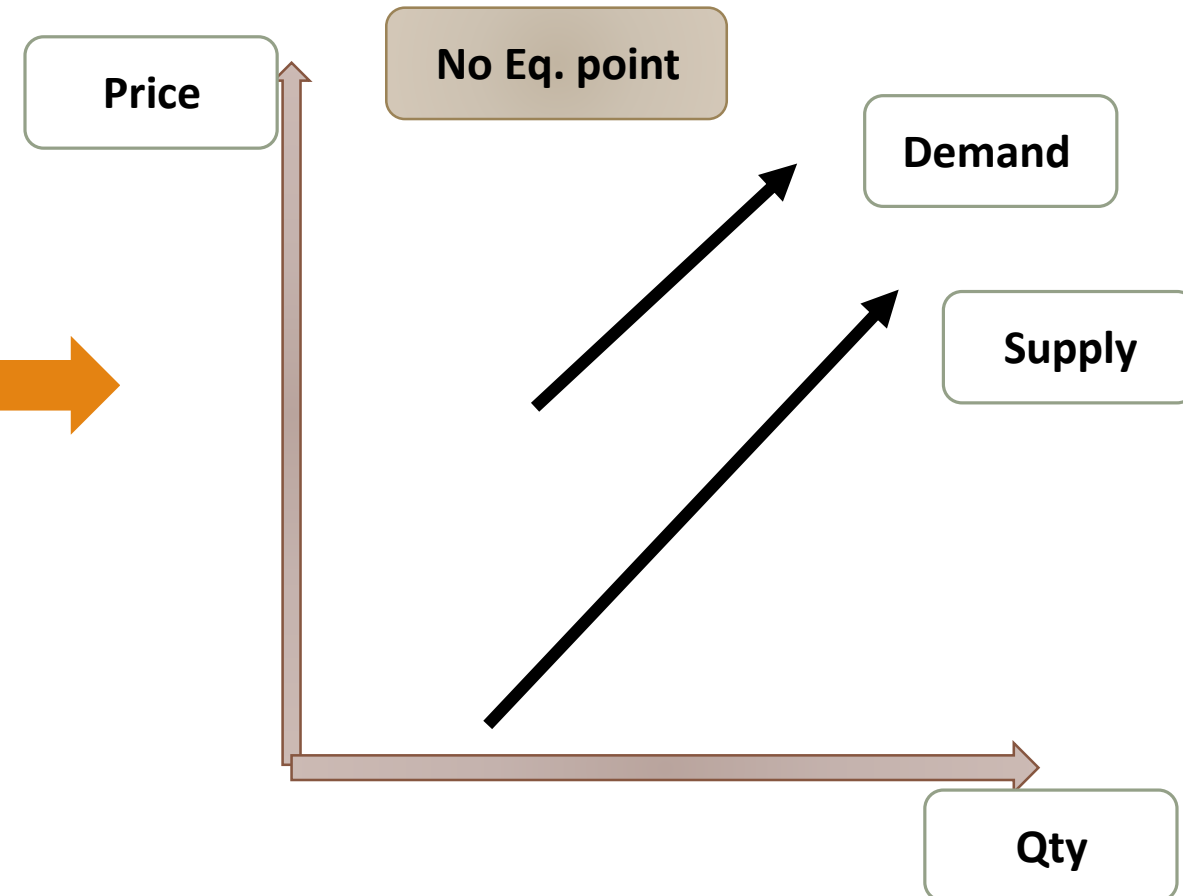
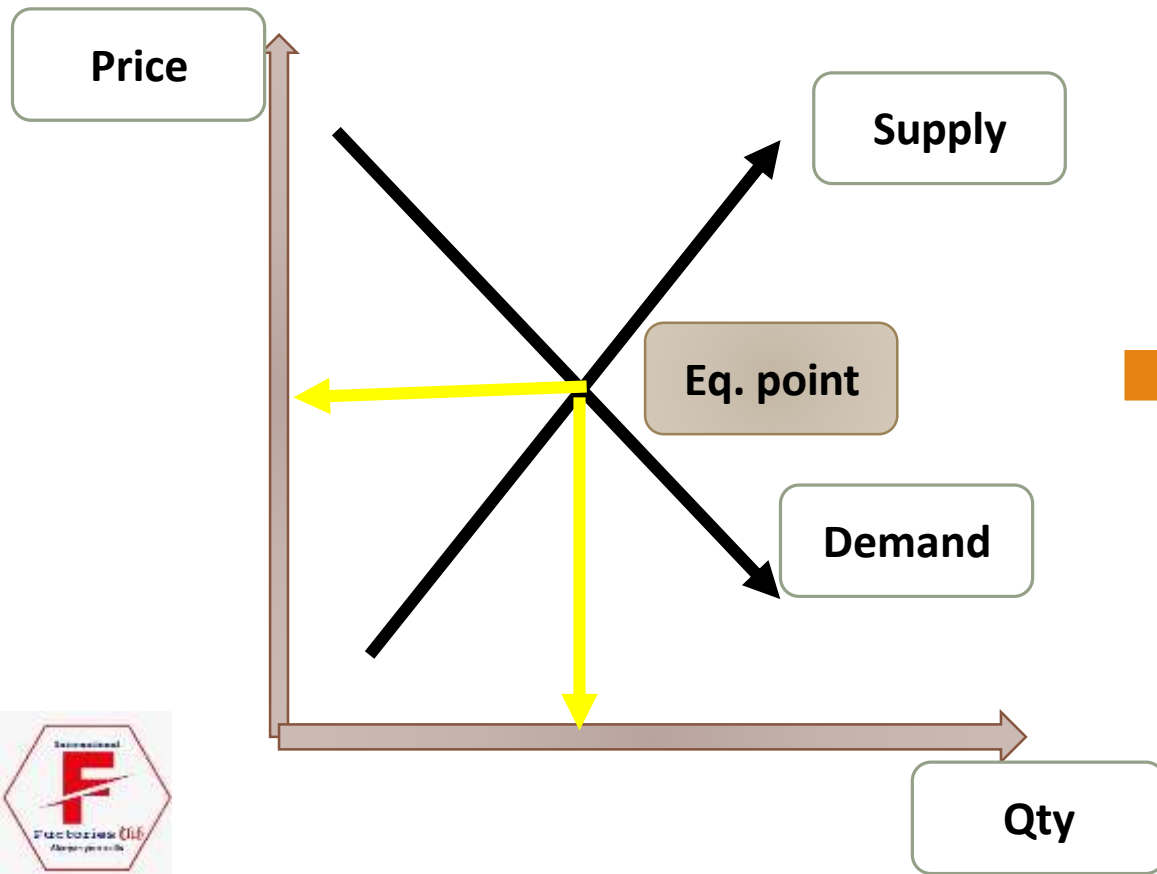
Why

- ❑ Increase CO2 emission
- ❑ Global warming
- ❑ Increase Sea Level
- ❑ Coastal Flooding
- ❑ Extreme weather events (hurricanes, droughts, and floods)
- ❑ Ocean Acidification which harms marine life
- ❑ Change in rainfall pattern , leads to food shortage.
- ❑ Poor Air quality
- ❑ Disturbance in Ecosystem
- ❑ Loss of diversity



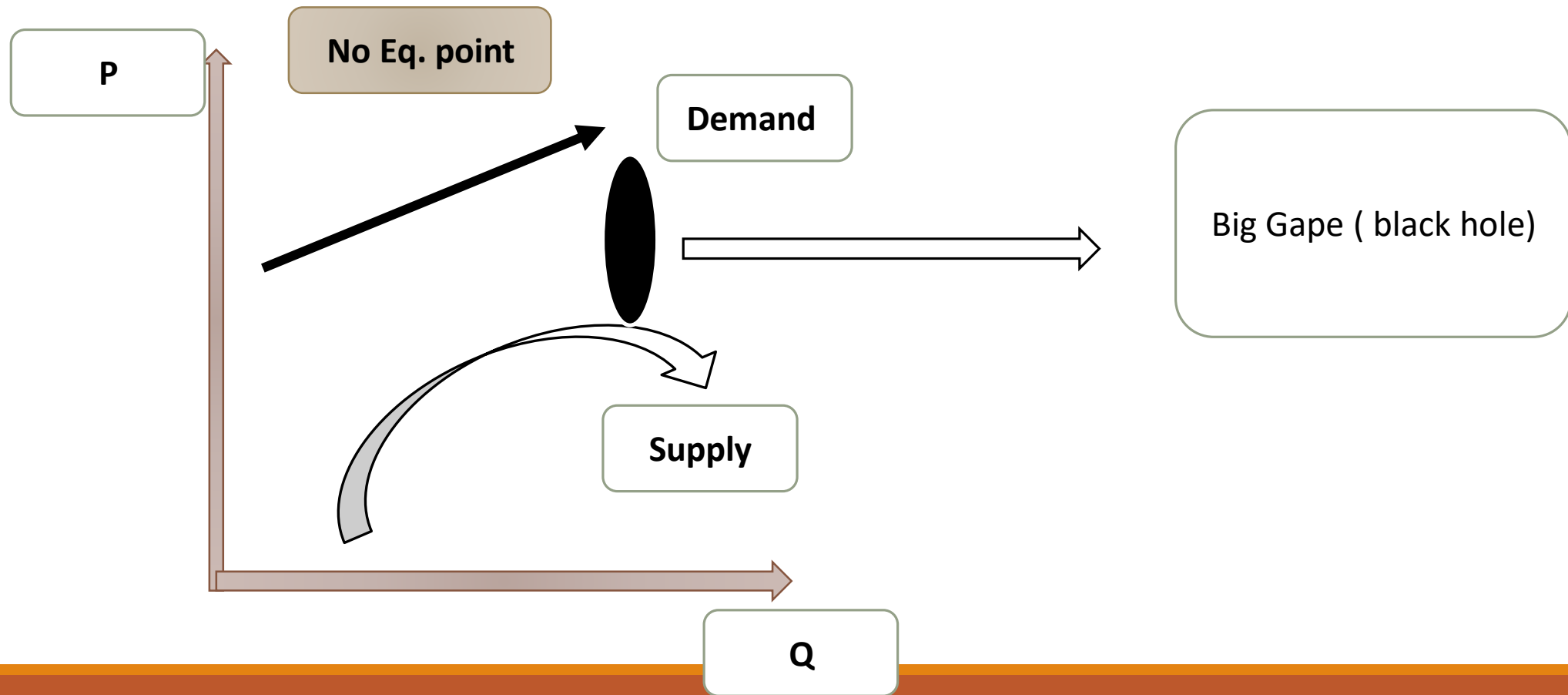
Why

2. Supply & Demand



Why

2. Supply & Demand



Definition

Sustainability: Development that meets the needs of the present without compromising the ability of future generations to meet their own needs. With considering a balance between **economic growth, environmental protection, social equity.**



Definition

Sustainable business is a company that operates in a way that meets present needs without compromising the ability of future generations to meet their own needs. With considering a balance between **economic growth, environmental protection, social equity.**



History

- The idea of managing resources responsibly dates back centuries, In **1713, Hans Carl von Carlowitz**, a German forester, introduced the concept of **sustainable forestry** “He emphasized that trees should be harvested at a rate that allows forests to regenerate for future use”
- **United Nations (UN) in 1987** highlighted the terminology “ sustainability



Paris Agreement

- In 2015, all **United Nations** Member States adopted a shared blueprint for peace and prosperity, At its heart are the **17 Sustainable Development Goals (SDGs)**, which are an urgent call for action by all countries
- In 2015, **United Nations Climate Change Conference (COP21)** in **Paris, France**, they issued **Paris agreement** which embraces SDGs.



Economic Pillar

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Environmental Pillar

6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



Social Pillar

4 QUALITY EDUCATION



5 GENDER EQUALITY



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



CSR (Corporate Social responsibility)

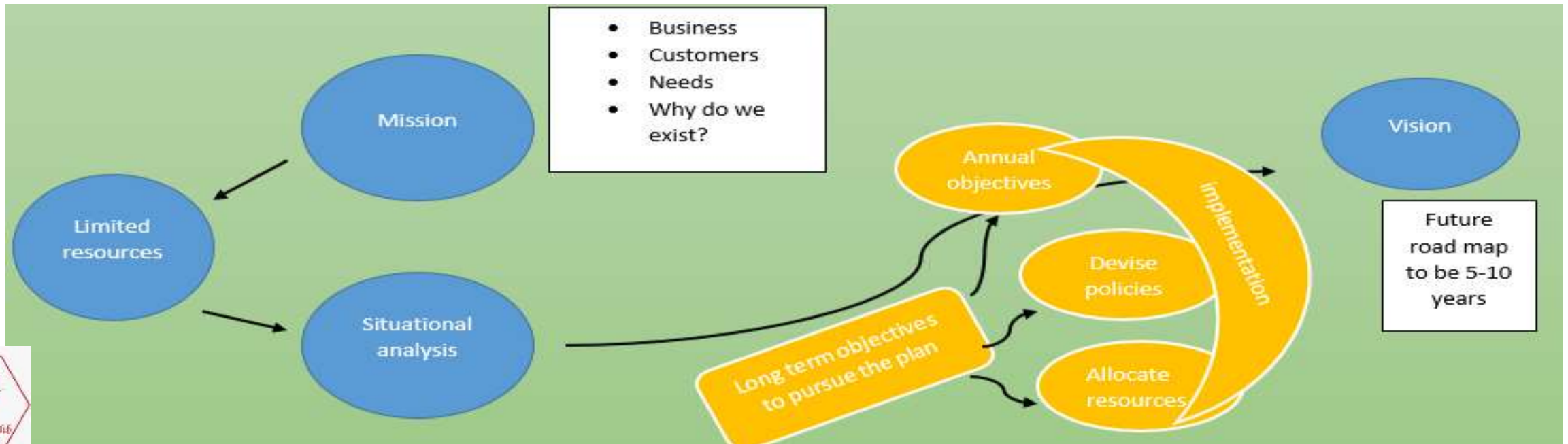
It's **business approach** that ensures companies operate in an **ethical, sustainable, and socially responsible manner**, considering the **economic, social, and environmental** impact of their activities.

It is no longer acceptable for a corporation to experience economic prosperity in isolation from those SDGs



CSR (Corporate Social responsibility)

- Public benefits (SDGs) have forced organizations to reshape their frameworks, rules, and business models, revise their short- and long-term agendas.



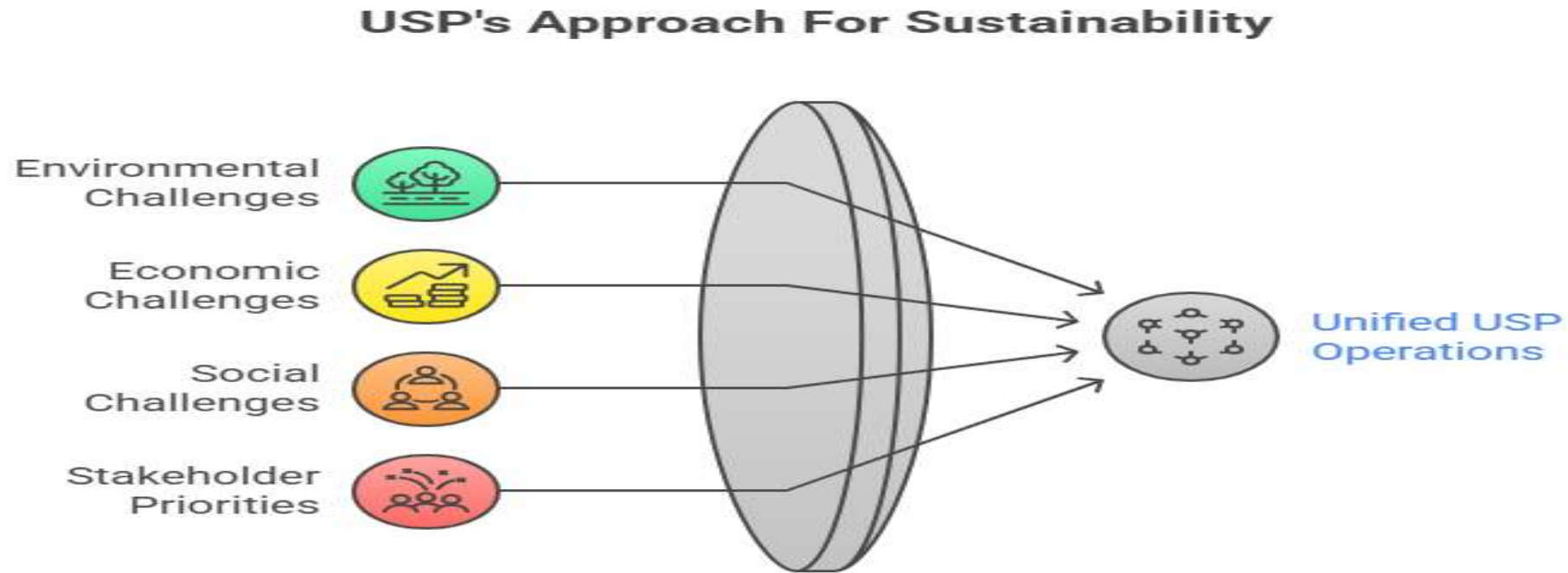
CSR (Corporate Social responsibility)

Sustainability is
the science of
longevity



Pharmaceutical- based sustainability

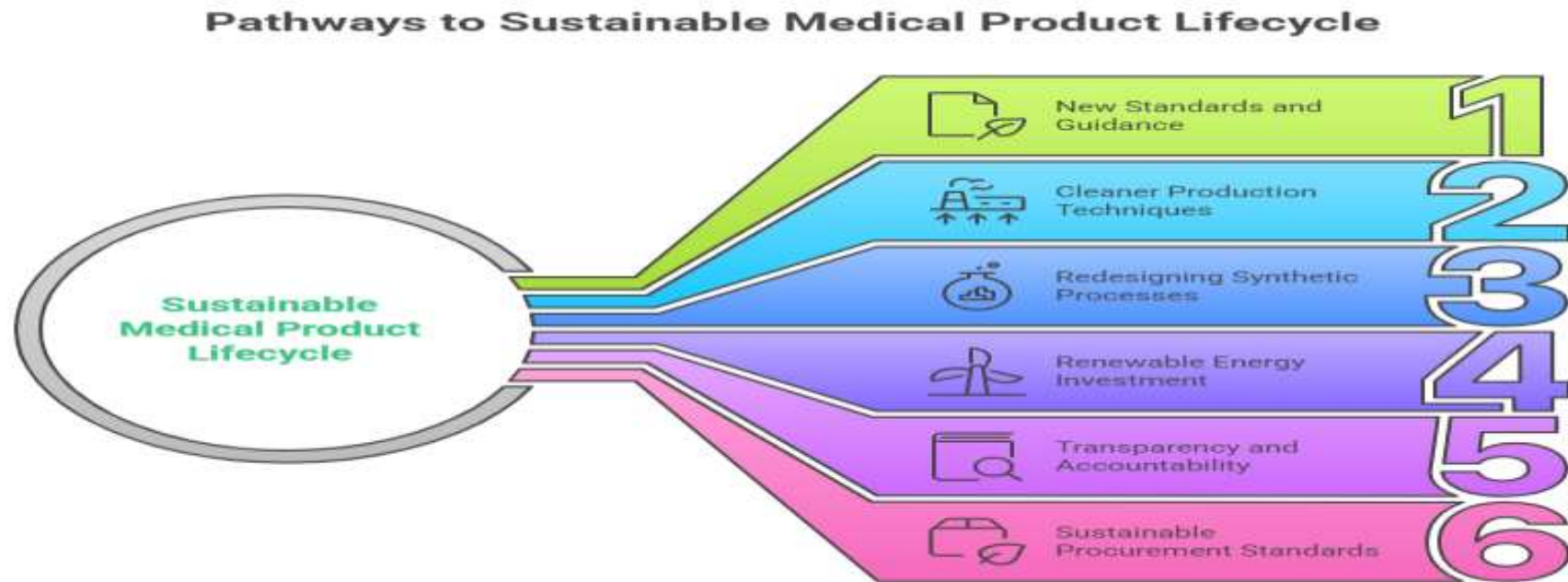
- **April 2024:**
- USP's commitment to fostering a healthier, more sustainable world



Made with  Napkin

Pharmaceutical- based sustainability

- **November 2024:**
- WHO launched “a call for action for introduction of more sustainable products and services” titled by **greener pharmaceutical**.



Made with Napkin

Pharmaceutical- based sustainability

➤ July 2024:

- **(ISPE)** announced the launch of its **Sustainability Community of Practice (CoP)**
- Providing a community forum for ISPE members on sustainability in the pharmaceutical industry and its value chains, enabling problem-solving and networking.



Example in pharmaceutical

- Sustainable pharmaceutical water
- R&D – Methodology
- Production / Manufacturing
- Quality Assurance (QA)
- Quality Control (QC)
- Supply Chain & Logistics
- Engineering
- Technical Services
- Regulatory Affairs
- Health, Safety & Environment
- Human Resources



Example

EU has standardized charging ports for mobile phones and other portable electronic devices, all new devices sold in the EU must now support USB-C charging.



Example

- Madinet MASR
- Carbon Certificate

د. فريد: تداول شهادة الكربون في مصر كورقة مالية وليس سلعة تخضع لتسعير العرض والطلب

سوق ما

كتب: حابي — نشر في 14 يوليو 2024 - 4:52 م



الدكتور محمد فريد رئيس مجلس إدارة هيئة الرقابة المالية

Why is it essential for individuals to adopt the concept of CSR?

- ❖ It's a global trend, so you need to keep up
- ❖ It's recommended both globally and locally, and it will soon become mandatory.

I.e. If you apply for a loan , you need to submit CSR file

i.e. Registration in market exchange needs to submit CSR file

- ❖ Will be classified soon as one of the most components inside Audit zone in pharmaceutical

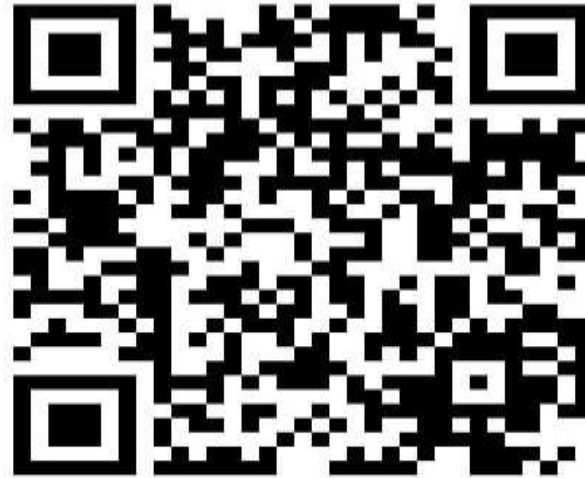


**What if we had
embraced
sustainability
creed since
1950?**





Amr Saber
Production Manager at
pharmaceutical industries , MBA at A...



International



Factories Club

Sharpen your skills



SUSTAINABLE BUSINESS IN PHARMACEUTICAL INDUSTRY

By: Dr. Amr Saber
