



Sustainable Development

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Sustainable Development Goals
1st Grad
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Outline

- **Introduction and History of Sustainable Development**
- Definition of Sustainable Development
- How Sustainability Works
- Objectives of sustainable development
- benefits of SD
- Importance of Sustainable Development
- Examples of Sustainable Development
- What Prevents it From Happening? (barriers)
- References



Objectives

- In the end of this part student will be able to:
- Define SDGs
- Recognize the importance of SDGs.
- Identify SDGs objectives.
- Determine the barriers of SDGs.

Introduction

- The term “sustainable development” gained even greater attention since the **United Nations Conference on Environment and Development (UNCED)** held in Rio de Janeiro in June 1992.





Sustainability

Despite its simplicity, however, sustainability is a concept people have a hard time wrapping ^{يلف} their minds around.

Sustainability



If you could give one word –
what would that word be?

Sustainability



For me it is the Word:
Enduring
which best sums it up.



History of Sustainable Development

In **1987**, The World Commission on Environment and Development published its famous report **“Our Common Future”** where the concept of “sustainable development” was defined for the first time as follows:

- **Sustainable development**
- **“Make development sustainable to ensure that it meets the needs of the present without compromising the ability of future generations to meet their own.”**



Sustaining Our Common Future

Chapter 10 **From the Periphery to the Core of Decision Making – Options for Action**



Our Common Future aimed to discuss the ***environment & development as one single issue.***



Our Common Future aimed to discuss the ***environment & development*** as one single issue.

We all understand “**environment**” **Going Green!**

But what is meant by Development?

Meaning of development



- the **gradual growth** of something so that it **becomes more advanced, stronger**, etc.
- *a baby's development in the womb the development of basic skills such as literacy and numeracy career development.*
- (biology) the process of an **individual organism growing** organically; a purely biological unfolding of events involved in an organism changing gradually from a simple to a more complex level
- *“he proposed an indicator of osseous development in children”*
- the process of producing or creating something new or more advanced; a new or advanced product
the development of vaccines against tropical diseases developments in aviation technology
- a piece of land with new buildings on it *a **commercial/business/housing development***



environment & development

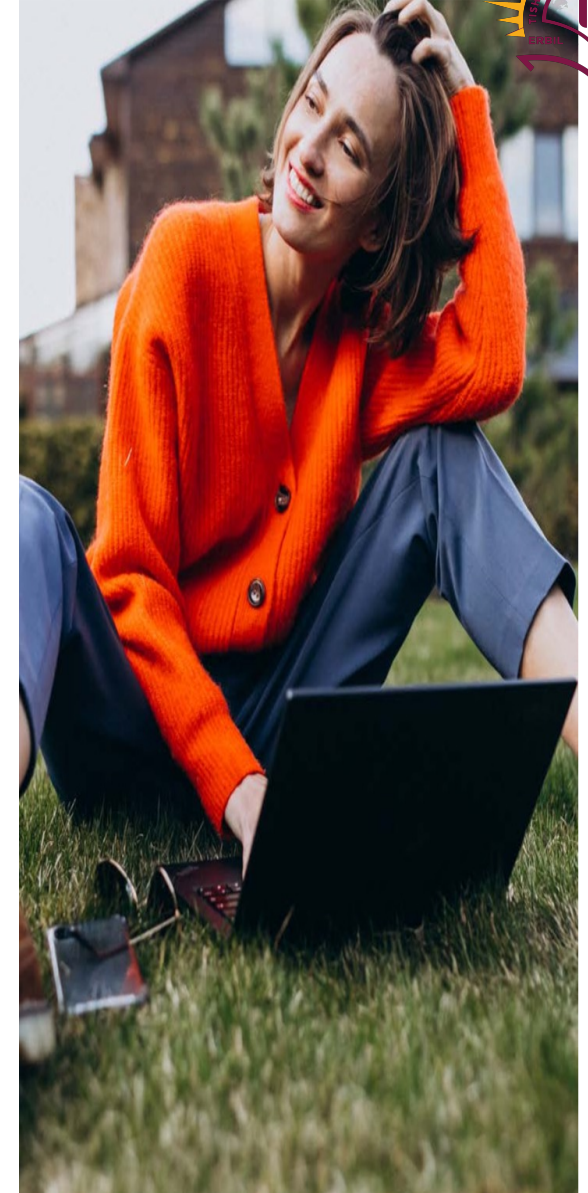
Have merged into sustainable development.....



Defintion

- The Brundtland report (Our Common Future) defined sustainable development as **“development that meets the needs of the present without compromising مساومة the ability of future generations to meet their own needs.”**

**“The Sustainable
Development Goals are
the world’s action plan for
a fair globalization and a
better future for all.**





How Sustainability Works

- Sustainability encourages businesses to frame decisions in terms of environmental, social, and human impact for the long-term, rather than on short-term gains such as next quarter's earnings report.



Cont: How Sustainability Works

- It influences them to consider more factors than simply the immediate profit or loss involved. Increasingly, companies have issued sustainability goals such as commitment to zero-waste packaging by a certain year, or to reduce overall emissions by a certain percentage.
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Cont: How Sustainability Works

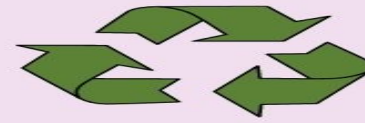
- These companies can **achieve their sustainability needs** by cutting emissions, **lowering their energy usage**, sourcing products from fair-trade organizations, and ensuring their physical waste is disposed of properly and with as small a carbon footprint as possible.



Objectives of Sustainable Development

- Economic growth
- Environmental protection
- Social inclusion

BENEFITS OF SUSTAINABLE DEVELOPMENT



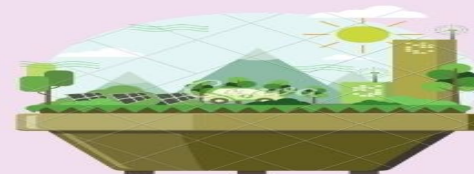
It will help to lower pollution, which will benefit our climate change efforts

This would boost people's health while also protecting the environment.



It assists us with noise reduction, which is beneficial to general health.

It will assist people in using all the natural resources.



Introduction

- We all know the famous quote by **Mahatma Gandhi**,

“Be the change you wish to see in the world”

and, while it is a great sentiment, we are constantly being made to feel **guilty** for not doing our part.

Nurses, through the profession they have chosen, make sacrifices تضحيات day in and day out to help others.

We are often held up as **angels, role models, kind-hearted, giving, caring people.**



Cont: Introduction

- In 2017 the **INTERNATIONAL COUNCIL OF NURSES (ND2017)**, has chosen the theme Nurses:

(A Voice to Lead, Achieving the Sustainable Development Goals).

- Does this mean ICN wants nurses to do more?
- Are nurses really expected to go out and solve all the world's problems when we are overworked, underpaid, under-resourced and exhausted!
- The answer quite simply is: nurses are already doing it!

- **1.1 The Sustainable Development Goals And Nursing**
- The Sustainable Development Goals (SDGs) were adopted by the United Nations in 2015 to replace the Millennium Development Goals (MDGs).

Millennium Development Goals



- **1.1 The Sustainable Development Goals And Nursing**
- They contain 17 goals covering a broad range of sustainable development issues for the world, such as ending poverty, hunger, improving health and education, combating climate change, etc.
- The 191 UN Member States have agreed to achieve these new goals





SUSTAINABLE DEVELOPMENT GOALS



1 NO POVERTY

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

14 LIFE BELOW WATER

15 LIFE ON LAND

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS



Importance Of Sustainable Development

1. Provides Essential Human Needs

- The **explosion of population** means people will have to scramble for the limited life essentials like food, shelter, and water.
- Adequate provision of these **basic needs** almost entirely hinges on **infrastructure capable of sustaining** them for a long time.
- If governments insist on utilizing fossil fuel-based sources of energy instead of renewable and sustainable options, the cost and environmental effects of supplying these basic needs would become a tall order. مهمة صعبة.

Importance Of Sustainable Development



2. Agricultural Requirement

- A **growing population** means **agriculture must catch up**. Finding ways to feed more than **3 billion people can be staggering**. If the same **unsustainable cultivation, planting, irrigation, spraying, and harvesting techniques** are utilized in the future, they might prove to be financially burdening considering fossil fuel resources are projected to run out.
- Sustainable development focuses on sustainable agricultural methods such as effective seeding techniques and crop rotation to promote high yields while maintaining the integrity of the soil, which produces food for a large population.



Importance Of Sustainable Development

3. Manage Climate Change

- Climate change can be mitigated by sustainable development practices.
- Sustainable development practices seek to reduce the use of fossil-based sources of fuel like oil, natural gas, and coal.
- Fossil fuel sources of energy are unsustainable since they will deplete in the future and are responsible for the emission of greenhouse gasses. انبعاث الغازات الدفينة.



Importance Of Sustainable Development

4. Financial Stability

- **Sustainable development practices** have the ability to create more **financially sustainable economies** across the globe.
- Developing countries that can't access fossil fuels can benefit from renewable forms of energy to power their economies.
- From the development of renewable energy technologies, these countries can create sustainable jobs as opposed to finite jobs based on fossil fuel technologies.



Importance Of Sustainable Development

- **5. Sustain Biodiversity**

- **Unsustainable development and overconsumption practices** greatly impact biodiversity. The **life ecosystem** is designed in such a way that **species depend on one another** for survival.

For instance, **plants produce oxygen** that **humans need for respiration**.

- **Humans exhale carbon dioxide** that **plants need for growth** and production.
- **Unsustainable development practices like emission of greenhouse gasses** in the atmosphere kill many plant species resulting in the reduction of atmospheric oxygen.



Examples Of Sustainable Development

- **Wind Energy** طاقة الرياح Wind energy is energy harnessed from the motion of wind using wind turbines or windmills. Wind energy is renewable, which means it's never-ending and can be used to substitute energy at the grid. This makes it a good sustainable development practice.



Cont: Examples Of Sustainable Development

- **Solar Energy** طاقة شمسية This is energy harnessed from the sun using solar panels. It's advantageous since it's absolutely free and its supply is infinite. These factors make it beneficial to consumers and good for Mother Nature because it doesn't contribute to the emission of greenhouse gasses.



Cont: Examples Of Sustainable Development

- **Green Space Green spaces** مساحات خضراء are locations where plants and animals are left to flourish. Parks also fall into the category of green spaces. Green spaces provide people a remarkable opportunity to take pleasure in outdoor recreation, more so in big cities, where resting space is hard to come by.

Cont: Examples Of Sustainable Development

- **Crop Rotation** تناوب المحاصيل

Crop rotation in contrast, is defined as “the successive planting of different crops on the same land to improve soil fertility and help control insects and diseases.” This way of farming is not a new practice, but rather a more ancient way of farming chemical-free, whilst maximizing the long-term growth potential of land.



barriers of SD... What Prevents Sustainable Development From Happening?

- **The first** is that for many aspects of development, using sustainable methods and materials is expensive. While the long-term cost of sustainability does prove to be less expensive than traditional development, the creation of a sustainable project may be far more expensive in the first phase.
- **The second** major issue is that there is not a generally accepted need for sustainable development. This is an education issue that may take many years to resolve.

Conclusion



- Sustainable development is largely about people, their **wellbeing, and equity** in their relationships with each other, in a context where **nature-society imbalances** can **threaten economic and social stability**.

Cont: Conclusion



- Because **climate change**, its drivers, its impacts and its policy responses will interact with **economic production and services, human settlements and human societies**, climate change is likely to be a significant factor in the sustainable development of many areas.



Cont: Conclusion

- Simply stated, **climate change has the potential to affect many aspects of human development, positively or negatively**, depending on the **geographic location**, the **economic sector**, and the **level of economic and social development already attained**.



- **References**
- [Google.com](https://www.google.com)
- [Wikipdeia.org](https://en.wikipedia.org)
- [Studymafia.org](https://www.studymafia.org)

THANKS

