Sustainability

United Nations Sustainable Development Goals

Looking forward to the future

discussion ring

United Nations definition of sustainability

"Meeting the **needs of the present** without compromising the ability of **future generations** to meet their own needs"

Sustainability requires achieving a balance between:

❑ **Economic** growth.
❑ **Social** Justice.
❑ **Environmental** protection.

Sustainability – vs – Business Continuity

Sustainability ≠ Business continuity

- **Sustainability** is a long-term concept that focuses on ensuring the <u>long-term survival of an organization</u>.

- **Business continuity** is a concept with a short-term focus, that aims to guarantee an <u>organization's operational capability during emergencies</u>.

- Sustainability and business continuity are intricately linked. Organizations dedicated to sustainability demonstrate greater resilience to external changes, enabling them to maintain operations even during emergencies.

Jordan's commitment towards achieving the sustainable development goals

Jordan's commitment towards achieving the sustainable development goals

His Majesty King Abdullah II signed Jordan's commitment to achieving the United Nations Sustainable Development Goals during the United Nations General Assembly meeting in New York on September 25, 2015.

From His Majesty the King's words:

- "Sustainable development is not an option, but rather a necessity to ensure a better future for future generations."

- "All of us, governments, institutions and individuals, must work together to achieve sustainable development."

- "Investing in renewable energy and preserving the environment is an investment in our future."

- "Education is the key to achieving sustainable development, so we must provide high-quality education for all."

Sustainable development goals

The seven main targets of the Sustainable Development Goals

1. Eliminate **poverty and hunger**.

2. Promoting **health and well-being**.

3. Ensuring quality **education** for all.

4. Achieving gender **equality** and empowering all women and girls.

5. Protecting the **environment** and combating **climate change**.

6. Promoting **peace**, justice, and strong **institutions**.

7. Establishing global **partnerships** to achieve sustainable development.

The added value of implementing sustainability standards

1. **Improving environmental performance:**

   Reduce resource and energy consumption, reduce pollution and waste, and improve process efficiency.

2. **Fostering innovation:**

   Developing sustainable services, discovering new business opportunities, and improving competitiveness.

3. **Improving the university's reputation:**

   Attracting students and partners, enhancing stakeholder confidence, and improving the university's image in society.

4. **Reducing risks:**

   Improving the ability to adapt to climate change and environmental legislation, and improving preparedness to deal with crises.

5. **Motivating employees:**

   Create a more positive and healthy work environment, increase employees' sense of responsibility and pride, and improve employee retention.

6. **Promoting sustainable development:**

   Protecting the environment for future generations, and building a more sustainable future for all.

Al-Ahliyya Amman University's results in the Times Sustainability Ranking (impact of universities)

- **Locally**: First among Jordanian universities (governmental and private).
- **In the Arab world**: Second in the Arab world after the National University – Bahrain.
- **Globally**: Within the category (101-200) worldwide.

Sustainable development standards that the university participates in

1. Standard 3: Good health and well-being [101-200].
2. Standard 4: Quality education [55].
3. Standard 6: Clean water and sanitation [6].
4. Standard 10: Reducing inequality [49].
5. Standard 17: Partnerships to achieve goals [301-400]

Stakeholders (Ahliyya Amman University)

- Faculty members
- Researchers
- Members of the administrative body
- Students
- Graduates
- Decision makers in the Hashemite Kingdom of Jordan
- Suppliers and suppliers
- The university's partners include universities and academics
- International organizations and bodies
- Civil society organizations and individuals
- Employers and employers

- What is poverty?

- How is poverty eradicated?

- The role of Al-Ahliyya Amman University in eliminating poverty?

1. Poverty eradication

Extreme poverty is a situation in which a person or family lives on less than US$1.90 (1.33 Jordanian dinars) per day. People living in extreme poverty suffer from lack of food, shelter, health care, education, and inequality.

Objectives:

❑ Promoting comprehensive and sustainable **economic growth** and creating good job opportunities for all.

❑ Improving access to **education, health care and social protection** for all.

❑ Support programs that **help poor people** access education, health care, and jobs.

❑ Advocating for **fair economic policies** for all.

❑ **Donate** to non-governmental organizations that work to reduce poverty.

- What is hunger?

- How is hunger eradicated?

- The role of Al-Ahliyya Amman University in eliminating hunger?

2. Eliminate hunger

Hunger is a state of insufficient food intake or inadequate nutrition, leading to malnutrition and diseases. People suffering from hunger suffer from a lack of energy and essential nutrients, which may lead to delayed growth and development, poor performance and productivity, and increased risk of disease and mortality.

Related to it is **food security**, which refers to all people's access at all times to enough safe, healthy and nutritious food to maintain a healthy and active lifestyle.

Objectives:

❑Reducing the number of people suffering from **malnutrition**.

❑Ensure that all people have access to sufficient, **safe, healthy and nutritious food** at affordable prices throughout the year.

❑Improving **agricultural productivity**, achieving agricultural sustainability, and promoting adaptive and sustainable agricultural systems.

❑**Economic growth**, investments in agriculture and rural development. Contributing to programs that help the poor **obtain food**.

❑Addressing the challenges associated with **climate change**.

- What is health and well-being?

- How are health and well-being ensured?

- The role of Al-Ahliyya Amman University in ensuring health and well-being?

3. Good health and well-being

- Ensure that everyone enjoys **healthy lifestyles** that include: healthy diet, exercise, not smoking, and not excessive alcohol consumption; Which helps **reduce the risk of chronic diseases**, improve mental and emotional health, increase energy and productivity, and improve the quality of life in general, leading to **well-being** that constitutes a state of satisfaction, happiness and success.

Objectives:

❑ Reducing **maternal mortality rate**.

❑ Ending **preventable deaths of newborns** and children under five years of age.

❑ Stop the spread of **infectious and non-communicable diseases**.

❑ Promoting **mental health** and factors that negatively affect it, such as violence and discrimination.

❑ Ensuring everyone's access to **various health services**.

❑ Achieving **universal health coverage**, including protection from financial risks

QUALITY EDUCATION

- What is good education?

- How is quality education provided?

- The role of Al-Ahliyya Amman University in ensuring quality education?

4. quality of education

- Ensuring the **provision of high-quality education and lifelong learning opportunities for all**. This goal focuses on the need to improve the **quality of education** and enhance **continuous learning** opportunities for all segments of society in a way that enhances critical thinking and develops the skills necessary for success in various areas of life.

Objectives:

❑ Achieving expansion of **access to education**.

❑ Improving the **quality of education**.

❑ Providing **lifelong learning opportunities**.

❑ Providing education that provides individuals with **skills and knowledge** necessary to participate effectively in the labor market and achieve economic development.

- What is gender equality?

- How is gender equality ensured?

- The role of Al-Ahliyya Amman University in ensuring equality?

5. gender equality

- Achieving **gender equality** and empowering **women** and girls economically and socially, and achieving **equal opportunities, rights and participation** between men and women in all aspects of life, whether in the fields of work, education, politics, or any other activity. And eliminate all forms of discrimination and violence against women and girls around the world.

Objectives:

❑ Eliminate all forms of **discrimination and violence** that women and girls face based on gender.

❑ Providing **equal economic and social opportunities** for women and enabling them to participate effectively.

❑ Providing **education and health care opportunities** for women and girls.

❑ Increase women's participation in **decision-making** at all levels.

❑ Promoting **awareness** about gender equality issues.

6 CLEAN WATER AND SANITATION

- What are clean water and sewage systems?

- How are clean water and effective sanitation systems ensured?

- The role of Al-Ahliyya Amman University in providing clean water and effective sanitation systems?

6. Clean water and sanitation

- Ensure that **water used for drinking and daily uses is safe and clean**, provide clean water services to communities that lack these services, and build efficient and environmentally friendly sewage systems to dispose of waste water.

Objectives:

❑ Ensuring the provision of **sufficient quantities of clean and safe water** for human consumption.

❑ Developing the **sanitation infrastructure** to ensure effective disposal of wastewater.

❑ Encouraging communities to **learn and become aware** of the importance of using clean water and proper disposal of wastewater to preserve public health and the environment.

❑ Enhancing the sustainability of the **provision of water and sanitation services** through developing sustainable infrastructure and technology and promoting training and continuous improvement.

- What is clean energy?

- How is clean energy guaranteed?

- The role of Al-Ahliyya Amman University in providing clean energy?

7. Affordable and clean energy

- Providing electricity and energy services to remote areas and poor communities, improving access for all, and increasing the percentage of **utilization of renewable energy sources**, such as solar and wind. Promote technology and practices that increase **energy efficiency** and reduce waste, ensure the provision of energy at **affordable prices** to ensure accessibility for all, and support research and innovation in the areas of clean technology development and sustainability in the field of energy.
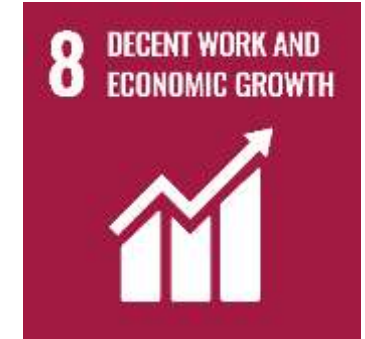
Objectives:

❑ Ensure access to **energy services** for all the world's population, including the poor in remote areas.

❑ Increasing the use of **renewable energy** sources.

❑ Improving **energy efficiency** in various sectors.

❑ Providing **affordable** and sustainable energy to all social segments.

❑ Encouraging investment in **research and innovation** in the field of developing clean and sustainable energy technology.

❑ Developing the **infrastructure** to provide and distribute energy in efficient and sustainable ways.

8 **DECENT WORK AND ECONOMIC GROWTH**

- What is decent work?

- How is decent work provided?

- The role of Al-Ahliyya Amman University in providing decent work?

8. Decent work and economic growth

8 DECENT WORK AND ECONOMIC GROWTH

- Providing decent job opportunities for all, with a focus on providing appropriate wages and safe and decent working conditions, and achieving economic growth that is comprehensive and sustainable, contributes to improving the standard of living and providing economic opportunities for all, encourages increased productivity and improves efficiency in the use of economic resources, and supports the promotion of entrepreneurship and innovation. As a means of promoting economic growth and job creation.

Objectives:

❑ Providing and promoting **employment opportunities** that guarantee decent wages and good and safe working conditions for workers.

❑ Achieving **economic growth** that benefits all sectors of society

❑ Increase **production efficiency and use resources effectively** to enhance economic growth.

❑ Support and **promote entrepreneurship and innovation** as a means to boost the economy.

❑ Contributing to **reducing poverty rates** by creating and enhancing job opportunities.

❑ Directing investments towards sectors that create job opportunities and promote economic growth.

- What is innovation?

- How is innovation employed?

- The role of Al-Ahliyya Amman University in employing innovation to develop industry and products?

9. Industry, innovation and infrastructure

- Promoting the improvement of industry by enhancing productivity, innovation and improving the quality of products, encouraging innovation in various industries to develop new and effective solutions to economic and social challenges, promoting the construction of a strong and effective infrastructure, including roads, bridges, electrical and communications networks, and encouraging the private sector and investors to invest in projects Industry and infrastructure.

Objectives:

❑ Improving **productivity** and shifting towards advanced and sustainable industries.

❑ Promoting **innovation and developing new technology**, in addition to technology transfer to improve industrial performance.

❑ Building a **strong and efficient infrastructure** that supports industrial growth and improved communications and transportation.

❑ **Attracting national and international investments** in industry projects and improving infrastructure.

❑ Providing **employment opportunities** through industry growth and infrastructure improvement.

❑ Achieving a balance between industrial development and environmental preservation through **sustainable industrial practices**.

❑ Strengthening **international cooperation** to transfer technology and promote industrial development in developing countries.

- What is equality?

- How is equality ensured?

- The role of Al-Ahliyya Amman University in ensuring equality?

10. Reducing inequality

- Reducing gaps in **equality between different groups of the population**, whether in the areas of income, opportunities and enjoyment of basic services. Achieving **equality and justice** in life chances and access to services and opportunities in areas such as income, education, health, and economic opportunities.

Objectives:

❑Promoting opportunities for equal participation and access for all in various **economic and social aspects**.

❑Work to reduce the gaps between social groups in **income levels and ensure a fair distribution of wealth**.

❑Ensure the **provision of basic services** such as education, health care and housing to all **without discrimination**.

❑Encouraging **equal political participation** for all in decision-making processes.

❑Promoting **equality at all levels**.

- What are sustainable cities?

- How is sustainable urban development achieved?

- The role of Al-Ahliyya Amman University in achieving sustainable urban development?

11. Sustainable cities and communities

- Achieving **sustainable urban development** and providing safe and sustainable living environments for residents. By making cities better places to live and work, while conserving resources and improving the quality of life.

Objectives:

❑ Promoting **sustainable urban planning** that seeks to provide effective and sustainable urban environments.

❑ Improving and expanding **public transportation** to reduce road congestion and air pollution, and promote clean transportation.

❑ Providing **suitable and sustainable housing for all**.

❑ Preserving **cultural and natural heritage in cities**, and integrating it into urban development processes.

❑ Ensuring the provision of **basic services and infrastructure for all**.

❑ Using ICT to improve urban services.

- What is responsible consumption and production?

- How to achieve responsible consumption and production?

- The role of Al-Ahliyya Amman University in achieving responsible consumption and production?

12. Responsible consumption and production

Achieving a **balance** between the needs of the current **generation** and the ability of future generations to meet their needs. To promote the shift towards more **sustainable consumption and production models** with less environmental impact.

Objectives:

❑ Improving **resource efficiency** and developing clean technology to achieve more sustainable consumption and production.

❑ Encouraging the development and adoption of **production methods** that reduce environmental impact and enhance social responsibility.

❑ Promote **sustainable waste management practices**, including recycling and organic decomposition.

❑ Promoting the use and development of **renewable energy technologies** and reducing dependence on unsustainable energy.

❑ Supporting **innovation** in **production and consumption** to achieve greater progress towards sustainability.

❑ Promoting **supply chain** transparency and providing accurate information to consumers so they can make informed decisions.

- What is climate change?

- How are the challenges of climate change addressed?

- The role of Al-Ahliyya Amman University in addressing the challenges of climate change?

13. Climate action

- Take immediate measures to combat climate change, ensuring the concerted efforts of the international community and various sectors to address the **challenges of climate change** and maintain the sustainability of the environment and society.

Objectives:

❑ Take action to **reduce greenhouse gas and carbon emissions**.

❑ Increase reliance on **renewable energy technology** such as solar and wind energy to generate electricity.

❑ Strengthening the ability of communities to **adapt to the impacts of climate change**.

❑ Raising **awareness** of the effects of climate change and the need for immediate action to address it.

❑ Promoting international cooperation to **exchange knowledge and technology** to address the challenges of climate change.

❑ Providing the necessary funding to implement **projects to combat climate change**.

❑ Support **scientific research** in the areas of climate change and the development of new technologies.

- What are marine environments?

- How are marine environments preserved?

- The role of Al-Ahliyya Amman University in preserving marine environments?
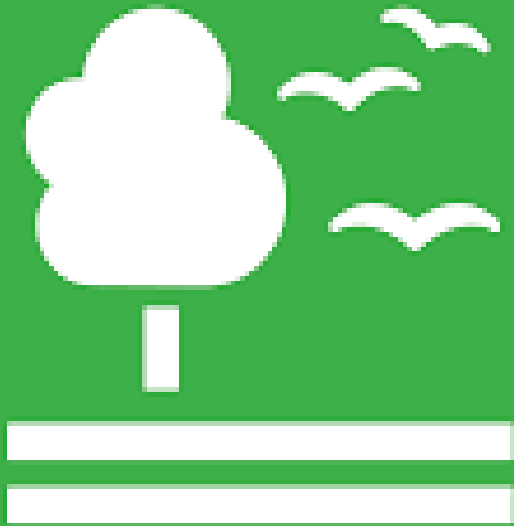
14. LIFE BELOW WATER

- Protecting and restoring marine and ocean environments, which play a vital role in supporting life on planet Earth. Comprehensive cooperation to contribute to **preserving marine environments and achieving sustainability of human uses of the oceans and seas**.

Objectives:

❑Preserving **biological diversity** in the oceans and seas.

❑Promote **sustainable fishing** practices.

❑Take measures to reduce **marine pollution**.

❑Protecting **coral and other vital marine areas**.

❑Promoting sustainable **coastal management**.

❑Promoting awareness of the importance of preserving **underwater life** and promoting education about the marine environment.

❑Support **scientific research** to understand the environmental and biological impacts on underwater life and develop conservation strategies.

14 LIFE BELOW WATER

- What are natural resources?

- How are natural resources managed?

- The role of Al-Ahliyya Amman University in preserving natural resources?

15. Life on Earth

- Protect and restore **forests**, **halt biodiversity** loss, address **land desertification**, promote **sustainable forest management**, address **poaching**, and promote sustainable **natural resource management**. Ensuring the continuity of life on Earth in a healthy and balanced manner.

Objectives:

❑ Promoting **sustainable forest management**, eliminating desertification, and restoring degraded lands.

❑ Strengthen measures to prevent land degradation and reduce the **effects of desertification**.

❑ Working to reduce the loss of **biodiversity** and protect endangered species.

❑ Improving the **management of natural resources** and ensuring their sustainable use.

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

- What are strong institutions?

- How are strong institutions built?

- The role of Al-Ahliyya Amman University in building strong institutions?

16. Peace, justice and strong institutions

- Promoting **safe and just societies**, ensuring access to **justice** for all, building **effective and transparent institutions**, enhancing political stability and social security, achieving fair equality, promoting **human rights**, and providing **justice** for all.

Objectives:

❑ Achieving internal and international **stability and peace**.

❑ Reducing levels of **violence and conflict**.

❑ Ensure all individuals have access to a fair and effective **judicial system**.

❑ Promoting **human rights and equality**.

❑ Promoting **transparency and combating corruption**.

❑ Building strong and effective **government institutions**.

❑ Addressing **crime and corruption** in all its forms.

- What are effective partnerships?

- How are effective partnerships built?

- The role of Al-Ahliyya Amman University in building effective partnerships?

17 PARTNERSHIPS FOR THE GOALS

17. Establishing partnerships to achieve goals

- Strengthening **international cooperation** and building effective partnerships to achieve sustainable development goals, so that **major challenges** are faced through joint solutions that work to combine the efforts of **various parties**.

Objectives:

❑ Encouraging **cooperation between countries** to achieve sustainable goals.

❑ Promoting **fair international trade systems** and effective financial and market systems.

❑ Supporting **technology transfer** and promoting innovation in developing countries.

❑ Strengthening the **capabilities of governments and institutions** in developing countries.

❑ Develop strong and effective statistical systems to **measure progress** towards the sustainable development goals.

❑ Promoting **effective partnerships** between governments, the private sector, and civil society organizations.

❑ Increase **financial and technical support** for developing countries.

The role of Al-Ahliyya Amman University in achieving sustainable development goals

1. Strengthening cooperation between universities and the private sector by providing practical and applied training opportunities for students to develop their practical skills and learn about the work environment, in addition to better understanding the needs of the labor market and ensuring that education is consistent with the required skills, which contributes to achieving sustainable development by improving the quality of education and increasing employment opportunities. Work for graduates.

2. Spreading the culture of sustainability, and enhancing awareness and social responsibility towards sustainability by organizing awareness campaigns and comprehensive educational events for students and the local community, including topics such as climate change, gender equality, the importance of clean water, preserving biodiversity, and sustainable urban planning, in a way that enhances community participation and contributes In achieving sustainable development.

3. Promoting equity and diversity in education by adopting comprehensive and non-discriminatory admission policies, including providing scholarships to students from low-income families in Jordan and poor countries, and ensuring free access to educational resources for all individuals, including ethnic minorities, low-income students, Non-traditional students, women, students with disabilities, and recent refugees, with the aim of providing equal educational opportunities for all and encouraging broad and diverse participation.

4. Promote equity and diversity in the work environment by recruiting workers from the local community and taking planned actions to ensure broad representation of students, staff, and faculty from underrepresented groups, which encourages equal employment opportunities and promotes diversity and equity in the student and worker community.

5. Promoting entrepreneurship and innovation by supporting students and researchers in developing their competitive capabilities in the labor market, encouraging women's participation in technology and science, supporting innovation in the fields of renewable energy and environmental technology, providing financial resources to start small businesses and innovative projects, and encouraging the development of sustainable solutions and social projects to improve local communities. And combating climate change.

6. Strengthening cooperation and building partnerships with relevant partners including governments, industry, universities, local communities, and non-governmental organizations to support innovation and entrepreneurship, and achieve sustainable development goals such as eradicating poverty and hunger, promoting health and well-being, and combating climate change, in addition to developing sustainable solutions. To global challenges such as water management and the preservation of underwater life, and to encourage cultural and academic exchange at the international level.

7. Adopting effective strategies for managing and saving water on campus by installing drinking water fountains, encouraging student participation in projects related to water and sanitation, measuring the total volume of water used and preventing contaminated water from entering the system, implementing building standards to reduce water consumption, and planting the campus with plants that are tolerant. Drought to reduce water use.
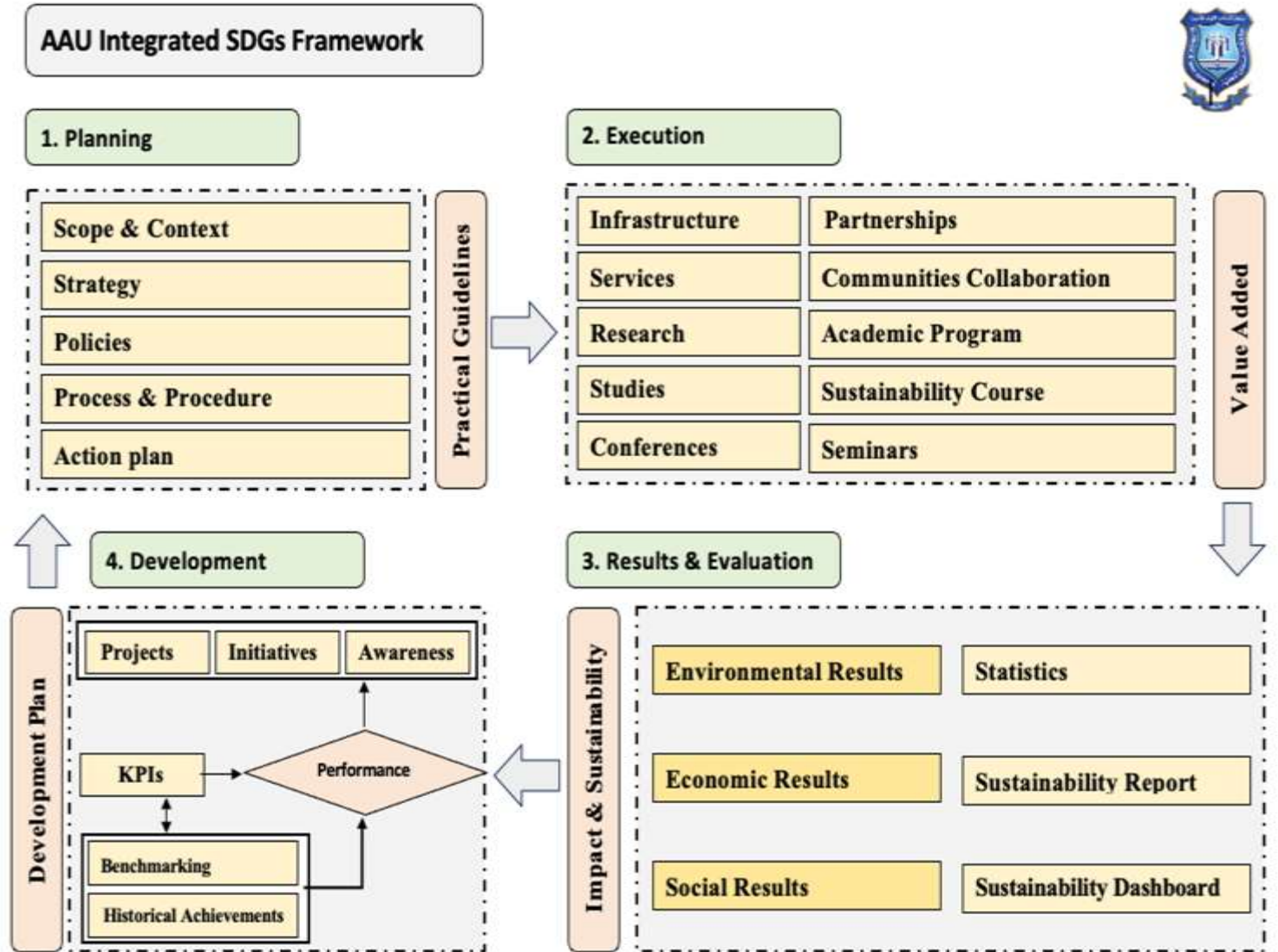
8. Encourage and support the preparation and dissemination of research in multiple areas related to sustainability standards, including the challenges of poverty, hunger, health, gender equality, water technology, energy, environment, and urban management.

9. Active participation in international, regional, and national conferences and seminars specialized in sustainability standards.

10. Providing specialized educational curricula and programs that embrace the concept of sustainability, including enhancing awareness and skills in areas such as sustainable agriculture, marine biology, health and well-being, water and energy management, environmental sciences, climate change, and law and human rights. These programs include conducting workshops, mentorship programs, and providing access to university facilities.

11. Contribute to the development and implementation of comprehensive policies and guidelines that support industry, infrastructure improvement, economic justice, and peace. These efforts include adopting anti-discrimination and anti-harassment policies, providing reasonable accommodation strategies for persons with disabilities, as well as strengthening water and sanitation management.

12. Providing comprehensive programs to serve the university community and the local community, including providing food, housing, transportation, and legal services for students from low-income families, in addition to programs to promote public health.

13. Establish a committee, office or employee charged with providing advice and implementing policies, programs and training courses related to diversity and human rights, while providing accessible facilities and support services for persons with disabilities, including personal assistants, interpreters and appropriate accessibility plans.

14. Adopting and applying sustainable strategies in campus management, including advanced waste management, use of renewable energy, and enhancing student participation in activities and decisions affecting sustainability. Encouraging interaction with the local community to develop sustainable projects and supporting social and economic innovation by students and faculty to promote responsible consumption and production, in addition to integrating renewable energy and energy efficiency concepts and solutions into research and curricula.

15. Develop advanced techniques to monitor and protect marine life, spread awareness about the importance of marine biodiversity and the need to preserve it, and encourage students to participate in volunteer projects and activities to preserve the marine environment, including beach cleanups and species monitoring programs.

16. Adopting and encouraging the application of sustainable administrative practices in all aspects of university life, including developing and managing the campus in accordance with the principles of sustainable development.

17. Encouraging students to think critically about justice and peace issues, providing training to develop justice and peace enhancing skills, promoting interaction between students from diverse backgrounds to mutually understand justice and peace issues, and adopting sustainable management practices while participating in social responsibility initiatives.

Sustainability Development Office

SUSTAINABILITY RESEARCH MAPPING

AAU Integrated SDGs Framework

1. Planning
Scope & Context	
Strategy	
Policies	
Process & Procedure	
Action plan	

Practical Guidelines

2. Execution
Infrastructure	Partnerships
Services	Communities Collaboration
Research	Academic Program
Studies	Sustainability Course
Conferences	Seminars

Value Added

4. Development

Development Plan

- Projects
- Initiatives
- Awareness

KPIs → Performance

Benchmarking

Historical Achievements

3. Results & Evaluation

Impact & Sustainability

Environmental Results	Statistics
Economic Results	Sustainability Report
Social Results	Sustainability Dashboard

Thank you,,,