

Amman | Monday 14-15 May 2018 | *SEIS focal point Enas Al Arabyat*

SDG`s Indicators linked with Horizon 2020 - SEIS indicators.



Sustainable Development Goals



THE GLOBAL GOALS

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Outline

- Jordan Pathway toward SDG`s.
- Horizon Indicators.
- Link between Horizon Indicators and SDG`s.



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Jordan Pathway toward SDG`s

In 2016, the United Nations Statistical Commission adopted 17 Goals and 169 targets with 231 indicators of sustainable development objectives, 105 of them related to the environment.



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Jordan Pathway toward SDG`s

Jordan considering 2030 Agenda and SD Goals as
poop priority for Jordan.

SDG`S lined environmental social and economical
dimensions of development world wide.



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Jordan Pathway toward SDG`s

- In 2017, Jordan submitted first national voluntary review on accelerate the implementation of the 2030 agenda.
- Ministry of planning and international cooperation led the review as FB of SDG`S implementation.



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Jordan Environmental Priorities and Challenges

- **Goal 6: Clean Water and Sanitations.**
- **Goal 7: Affordable and Clean Energy.**
- **Goal 13: Climate Change.**



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Opportunity

- ✓ Good government and institutions work.
- ✓ Good infrastructure.

= Good investment chances, And
more International support.



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Successes of SDG`S Implementation needs:

- Continuous process of consultation between national institutions .
- Localize and prioritize SDG`s among government and privet sector and civil society and other organization hand in hand.



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Horizon 2020 - SEIS Indicators :

Comp. 1: Municipal Solid Wastes

IND 1. Municipal Solid Waste Generation.

IND 1.A MSW Composition.

IND 1.B Plastic Waste Generation per Capita.

IND 1.C % of population living in coastal Area / Total Pop.

IND 1.D % of Tourists / Pop. Living in Coastal area.



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Horizon 2020 - SEIS Indicators :

Comp. 1: Municipal Solid Wastes

IND 2. Hardware of Waste Management

IND 2.A WASTE COLLECTION

IND2.A.1 Waste Collection Coverage: % households who have access to reliable waste collection service.

IND2.A.2 Waste captured by solid waste management and recycling system: % of waste generated that collected and delivered to an official facility.



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Horizon 2020 - SEIS Indicators :

Comp. 1: Municipal Solid Wastes

IND 2.B Environmental Control

Controlled treatment or disposal: % of the total MSW destined for treatment or disposal which goes to either a waste treatment facility or sanitary landfill.

IND2.B.1 % Of Waste that goes to uncontrolled dumpsites.

IND2.B.2 Number of uncontrolled dumpsites in Coastal Areas.

IND2.B.3 Quantities of waste going to uncontrolled dumpsites in Coastal Areas



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Horizon 2020 - SEIS Indicators :

Comp. 1: Municipal Solid Wastes

IND 2.C Resource Recovery

% of total MSW generated that recycled. (includes materials recycling and organics valorization (composting, animal feed, anaerobic digestion)

IND2.C.1 % Of plastic Solid Waste generated that is recycled.



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Sustainability of governance structure

Comp. 1: Municipal Solid Wastes

- Department of Statistics. (DOS)
 - Environmental Statistic Division (ESD)
- Ministry of environment(MOEn)
 - Monitoring and assessment Directorate (MAD).
 - Waste Management and Hazardous Substances Directorate (WMHSD).



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Sustainability of governance structure

Comp. 1: Municipal Solid Wastes

- Ministry of Municipal Affairs.(MOMA)
 - Greater Amman municipality. (GAM).
 - Greater Zarqa Municipality (GZM).
 - Greater Irbid Municipality(GIM)
- Jordan Chambers of Industry (JCI)



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Horizon 2020- SEIS Indicators :

Marine litter

- Aqaba special Economic Zone Authority
(ASEZA).
- The Royal Marine Conservation Society of Jordan
(JREDS). implements annual cleanup campaign in Aqaba since 1993.



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SDG`S linked to Waste Management

Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable

11.6.1: Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities.



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SDG`S linked to Waste Management

Goal 12: Ensure Sustainable Consumption and Production Patterns

12.5.1: National recycling rate, tons of material recycled.



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SDG`S linked to Waste Management

Goal 14: Conserve and Sustainably use the Oceans, Sea and Marine resources.

14.1.1: Index of coastal eutrophication and floating plastic debris density.



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Horizon 2020 - SEIS Indicators :

Comp. 2: Improved Sanitation System and Waste Water

IND 3 Sanitation System

IND 3.1 Share of total, urban and rural population with access to an improved (ISS) sanitation system

IND 3.2 Proportion of population using safely managed sanitation services (SMSS), including a hand-washing facility with water and soap.



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Horizon 2020 - SEIS Indicators :

Comp. 2: Improved Sanitation System and Waste Water

IND 4 Municipal wastewater

IND 4.1 Municipal wastewater collected and
wastewater treated

IND 4.2 Direct use of treated municipal wastewater .

IND 4.3 Release of nutrients from municipal effluents



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Horizon 2020 - SEIS Indicators :

Comp. 2: Improved Sanitation System and Waste Water

IND 5 Coastal and Marine Waters

IND 5.1 Nutrient concentrations in transitional,
coastal and marine waters

IND 5.2 Bathing water quality.



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Horizon 2020 - SEIS Indicators :

Comp. 2: Improved Sanitation System and Waste Water

- Ministry of Water and Irrigation.(MWI)
 - Water Authority of Jordan. (WAJ).
 - Jordan Valley Authority (JVA).
- Ministry of health (MOH).
 - Environment Health Directorate (EHD).



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Sustainability of governance structure

Improved Sanitation System and Waste Water

- **Ministry of Environment.(MOEn)**
 - Monitoring and assessment Directorate (MAD).
(National project of monitoring water quality in Jordan)
- **Department of Statistics. (DOS)**
 - Environmental Statistic Division (ESD)
(Annual survey – industrial and medical sector)



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SDG`S linked to Improved Sanitation System and Waste Water

Goal 6: Ensure availability and sustainable management of Water and Sanitation

6.2.1: proportion of pop. Using safely managed sanitation services, including a hand- washing- facility with soap and water.

6.3.1: Proportion of wastewater safely treated.



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Horizon 2020 - SEIS Indicators :

Comp. 3: Industrial Emissions, and Hazardous Waste.

IND 6.1 Release of Nutrients from industrial sectors.

6.1.1 Total **BOD** load discharged from installations to Mediterranean marine environment.

6.1.2 Total **Nitrogen** load discharged from installations to Mediterranean marine environment.

6.1.3 Total **phosphorus** load discharged from installations to Mediterranean marine environment



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Horizon 2020 - SEIS Indicators :

Comp. 3: Industrial Emissions, and Hazardous Waste.

IND 6.2 Release of Toxic substances from industrial sectors.

6.2.1 Total **heavy metal** load discharged from installations to Mediterranean marine environment.

6.2.2 **furans and dioxins** load discharged from installations to Mediterranean marine environment.

6.2.3 Polycyclic Aromatic Hydrocarbons (PAH) load discharged from installations to Mediterranean marine environment

6.2.4 Volatile Organic Compounds (VOC) load discharged from installations to Mediterranean marine environment



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Horizon 2020 - SEIS Indicators :

Comp. 3: Industrial Emissions, and Hazardous Waste.

IND 6.3 Management of Hazardous wastes from industrial sectors

6.3.1 Total amount of hazardous industrial wastes that is disposed in environmentally sound manner.

6.3.2 Total amount of hazardous industrial waste that is stockpiled in designated areas.



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Horizon 2020 - SEIS Indicators :

Comp. 3: Industrial Emissions, and Hazardous Waste.

IND 6.4 Measures or initiative taken for the reduction and / or elimination of the amount of hazardous wastes generation by industrial sectors.



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SDG`S linked to Industrial Emissions, and Hazardous Waste.

Goal 12:Ensure sustainable Consumption and production patterns

12.4.1:No. of parties to international multilateral environmental agreements on hazardous waste, and obligations in transmitting information as required by each relevant agreement.



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SDG`S linked to Industrial Emissions, and Hazardous Waste.

12.4.2: Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment



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Thank you



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