



Gender Sensitive Climate Change Statistics

OUTLINE



1. Vision



2. Methodology



3. Proposed Indicators



4. Next Steps





NATIONAL CONTEXT

Guided by His Majesty King Abdul ah II's Royal Vision

A comprehensive roadmap for:

- Democratic Transformation
- Economic Modernization
- Digital Transformation

Three Strategic Anchors Frame the Antyical Approach:

1. COP27 & COP28 Addresses



**Jordan's Leadership
in Climate Diplomacy**

2. Economic Modernisation Vision



**2022–2033
& Second Executive
Programme 2026–2029**

**Sustainable Development
Pathways**

3. National Documents



**Policies, Strategies
& Frameworks**

GLOBAL FRAMEWORKS

Bridging Climate Statistics with Gender Analysis



Global Set of Climate Change Statistics and Indicators (UNSD, 2022)

Standardized metrics for climate impacts, adaptation, and mitigation.



Minimum Set of Gender Indicators (UN, 2013)

Tracking gender equality across social, economic, and environmental domains.

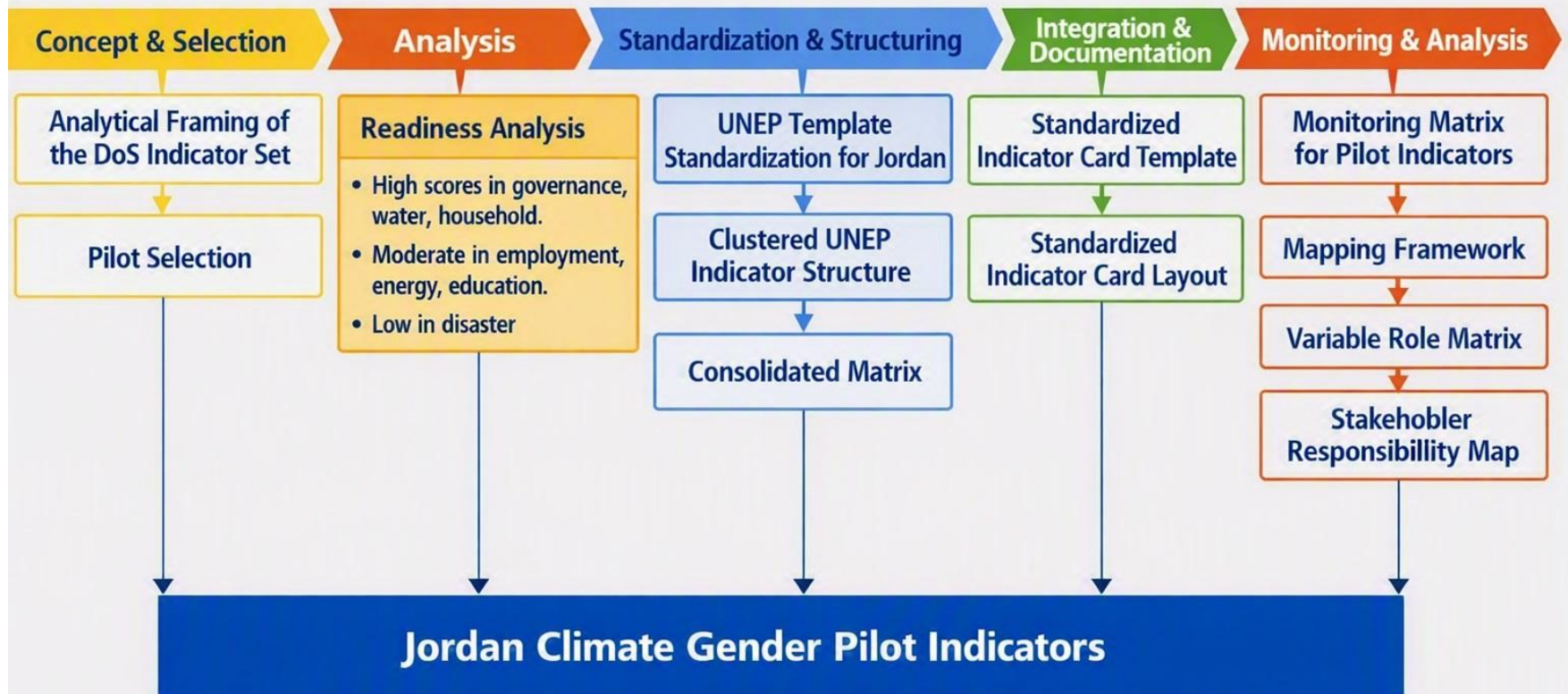


Sendai Framework for Disaster Risk Reduction (2015–2030)

Enhancing resilience to climate-related hazards and disasters.

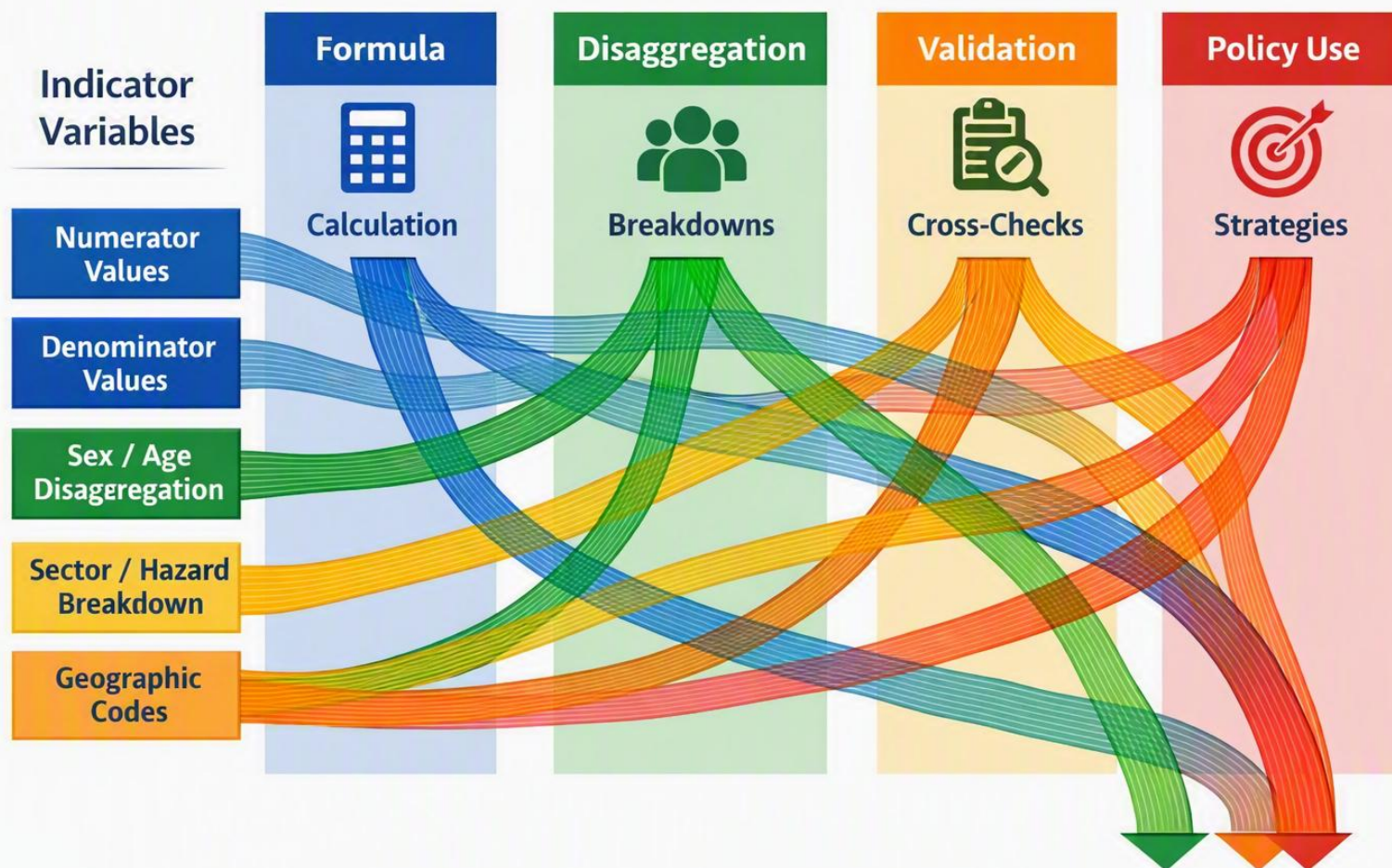


Analysis Phase Framework



Availability Score: ● High ● Moderate ● Low

Variable Role Flow in Climate-Gender Indicators



Standardized Indicator Card

ID: JEMP01 | Women Employed in Key Climate Sectors

Data Variables:

-  Total Employed
-  Female Employed
-  Sector Classification
-  Governorate Code



Formula:

$$\text{Female Employed} / \text{Total Employed} \times 100$$

Primary Data Source:



DoS Labour
Force Survey

Secondary Data Source:



Ministry of Labour
Registries

Code	Indicator	Sector	Climate / Gender Score	Priority	Recommendation for Pilot
JGOV05	Women in climate dedicated units	GOV	5 / 5	Very High	Quarterly reporting; link to capacity building and staffing mandates.
JEMP01	Women employed in key climate sectors (waste, water, energy, transport, agriculture, tourism)	EMP	4 / 5	High	Disaggregate by sector and governorate; pilot sectoral employment dashboards.
JEMP02	Women in technical positions	EMP	4 / 5	High	Use ISCO codes; integrate into training and recruitment targets.
JENE01	Women employed in energy sector	ENE	5 / 4	Very High	Track by technology (renewables vs fossil); highlight transition pathways.
JWAT03	Women in drinking water quality assurance	WAT	5 / 4	Very High	Pilot monitoring; link to occupational health and resilience programs.
JWAT05	Female-headed households using unsafe drinking water	WAT	5 / 5	Very High	Core pilot for water safety and access; integrate into WASH policy.
JHHS07	Energy cost affordability for female-headed households	HHS	5 / 5	Very High	Monitor price shocks; link to subsidy and social protection triggers.
JHHS08	Food cost affordability for female-headed households	HHS	5 / 5	Very High	Use for early warning and targeted assistance programs.
JEDU01	Female graduates in environmental engineering, natural resources, agriculture, water, energy	EDU	4 / 5	Very High	Guide scholarships, internships, and training pipelines.
JDIS01	Female deaths by age affected by disasters	DIS	5 / 5	Very High	Ensure disaggregated disaster mortality reporting; integrate into rapid assessments.

الرمز/المؤشر/القطاع/درجة المنح / النوع الاجتماعي/الأولوية/توصية للمشروع التجريبي

JGOV05	النساء في الوحدات المخصصة للمناخ
5 / 5	عالية جداً (عدا تقارير ربع سنوية؛ الربط ببرامج بناء القدرات وتفاوضات التوظيف).
JEMP01	النساء العاملات في قطاعات المناخ الرئيسية (التغذية، المياه، الطاقة، النقل، الزراعة، السياحة)
4 / 5	عالية تصنيف البعثات حسب القطاع والمحافظة؛ تجربة لوجستيات معلومات التوظيف القطاعية.
JEMP02	النساء في المناصب القيادية
4 / 5	عالية استخدام رموز التصنيف الدولي الموحد للمهن (ISCO)؛ الدمج في أهداف التدريب والتوظيف.
JENE01	النساء العاملات في قطاع الطاقة
5 / 4	عالية جداً (التنوع حسب نوع التكنولوجيا) (الطاقة المتجددة مقابل الوقود الأحفوري)؛ تسليط الضوء على مسارات التحول.
JWAT03	النساء العاملات في مجال ضمان جودة مياه الشرب
5 / 4	عالية جداً (تجربة عمليات الرصد؛ الربط ببرامج الصحة المهنية والمرونة).
JWAT05	الأسر التي ترأسها نساء وتستخدم مياه شرب غير آمنة
5 / 5	عالية جداً (مشروع تجريبي أساسي لسلامة المياه وتوفرها؛ الدمج في سياسات المياه والصرف الصحي والنظافة (WASH)).
JHHS07	القدرة على تحمل تكاليف الطاقة للأسر التي ترأسها نساء
5 / 5	عالية جداً (رصد صدمات الأسعار؛ الربط بأوقات تقبل الدعم والمساعدة الاجتماعية).
JHHS08	القدرة على تحمل تكاليف الغذاء للأسر التي ترأسها نساء
5 / 5	عالية جداً (الاستخدام لأغراض الإنذار المبكر وبرامج المساعدة الموجهة).
JEDU01	الخريجات في تخصصات الهندسة البنية،
4 / 5	عالية جداً (توجيه المنح الدراسية، وبرامج التدريب العملي، ومسارات التأهيل والتدريب).
DIS01	وفيات النساء (حسب الفئة العمرية) الناجمة عن الكوارث
5 / 5	عالية جداً (ضمن إعداد تقارير مفصلة عن الوفيات الناجمة عن الكوارث؛ الدمج في عمليات التقييم السريع).

Indicator Scores Across Criteria

■ 1 = Poor
 ■ 2 = Weak
 ■ 3 Moderate
 ■ 4 = Good
 ■ 5 = **Excellent**

	Data Availability	Metadata Completeness	Institutional Coordination	Disaggregation Capacity	Policy Linkage
JGOV05	5	4	5	4	5
JEMP01	3	3	4	3	4
JEMP02	3	3	4	3	4
JENE01	4	4	5	4	5
JWAT03	4	4	5	4	5
JWAT05	5	4	5	5	5
JHHS07	4	4	5	5	5
JHHS08	4	4	5	5	5
JEDU01	4	4	5	4	5
JDIS01	2	2	2	2	4

Jordan Pilot Indicator Matrix Heatmap Dashboard

Indicator Code	Indicator Description	Readiness	Data Gap Assessment
JGOV05	Women in Climate Units	Ready	Quarterly Links & Capacity
JEMP01	Women in Key Climate Sectors	Needs Strengthening	Disaggregation by Sector
JEMP02	Women in Technical Positions	Needs Strengthening	ISCO Codes Training
JENE01	Women in Energy Sector	Ready	Tech & Transition Tracking
JWAT03	Water Quality Assurance	Ready	Health Linkages
JWAT05	Unsafe Drinking Water (FHH)	Ready	Core WASH Integration
JHHS07	Energy Cost for FHHs	Ready	Price Shock Monitoring
JHHS08	Food Cost for FHHs	Ready	Targeted Assistance
JEDU01	Female Enviro Graduates	Ready	Scholarship Pipelines
JDIS01	Female Disaster Mortality	Critical Gap	Lack of Sex Data Integration

Legend: ■ Ready ■ Needs Strengthening ■ Critical Gap

Jordan Climate-Gender Pilot Dashboard

Priority Indicators for Gender-Responsive Climate Monitoring

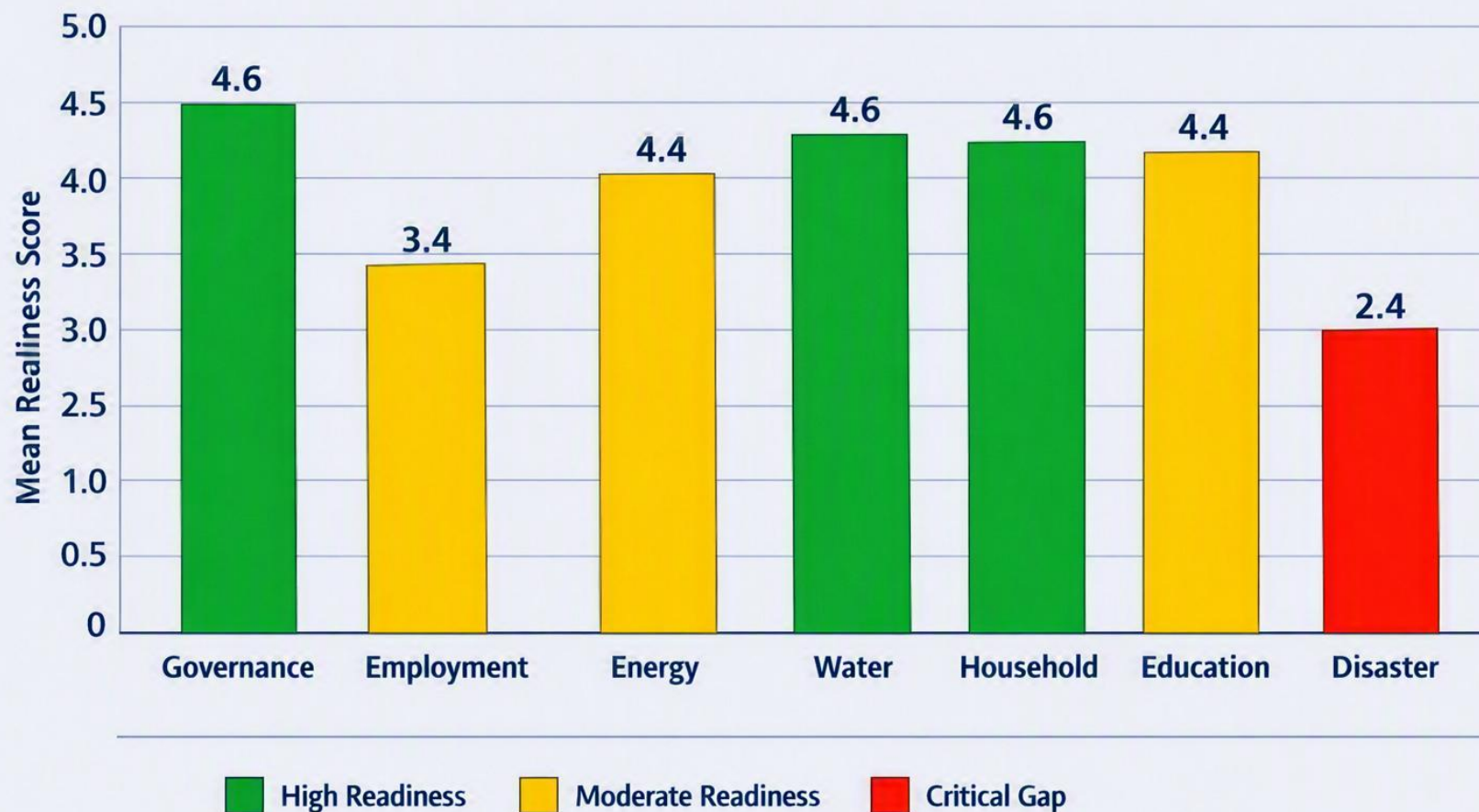
Code	Indicator	Sector	Climate / Gender	Readiness	Status
JGOV05	Women in Climate Units	Gov't	5 / 5	● Ready	Pilot Now
JEMP01	Women in Key Climate Sectors	Employment	4 / 5	● Needs Work	Develop Further
JENE01	Women in Energy Sector	Energy	5 / 4	● Ready	Pilot Now
JWAT03	Women in Drinking Water Quality	Water	5 / 4	● Ready	Pilot Now
JWAT05	Unsafe Water for Female-Headed HHs	Household	5 / 5	● Needs Work	Develop Further
JHHS07	Energy Costs for Female-Headed HHs	Household	5 / 5	● Ready	Develop Further
JHHS07	Food Costs for Female-Headed HHs	Household	5 / 5	● Needs Work	Develop Further
JHHS08	Female Graduates in Env. Fields	Education	4 / 5	● Ready	Pilot Now
JEDU01	Female Graduates in Env. Fields	Disaster	4 / 5	● Ready	Urgent Focus

● Ready: Pilot Now

● Needs Work: Develop Further

● Strengthen: Urgent Focus

Mean Readiness Scores by Sector – Jordan Pilot Indicators



Readiness Categories Across Sectors

	GOV	WAT	HHS	EMP	ENE	EDU	DIS
High Readiness (> 4.5)	1	1	2				
Moderate Readiness (3.0–4.4)		1		2	1	1	
Critical Gap (< 3.0)							1



High Readiness

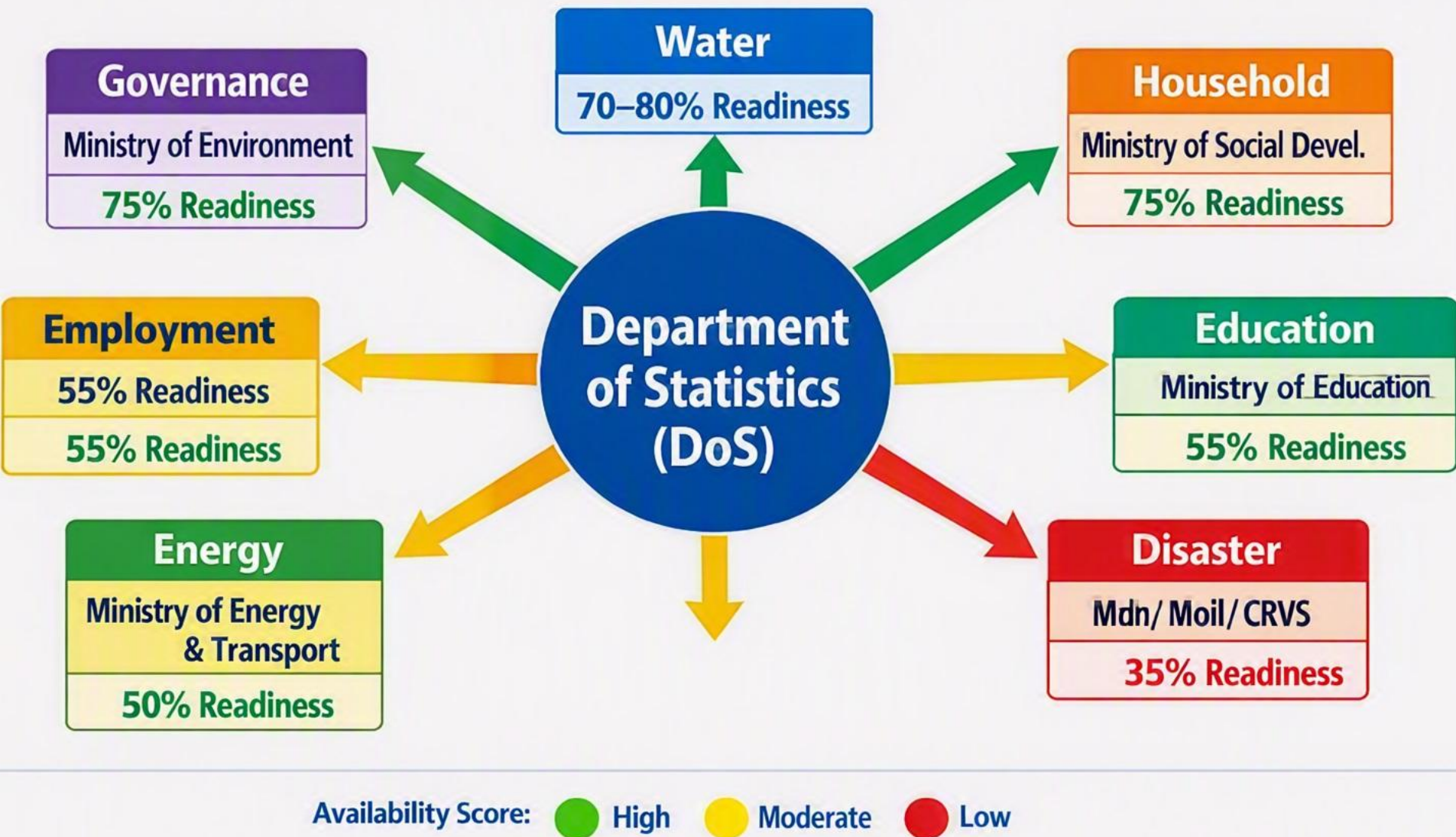


Moderate Readiness

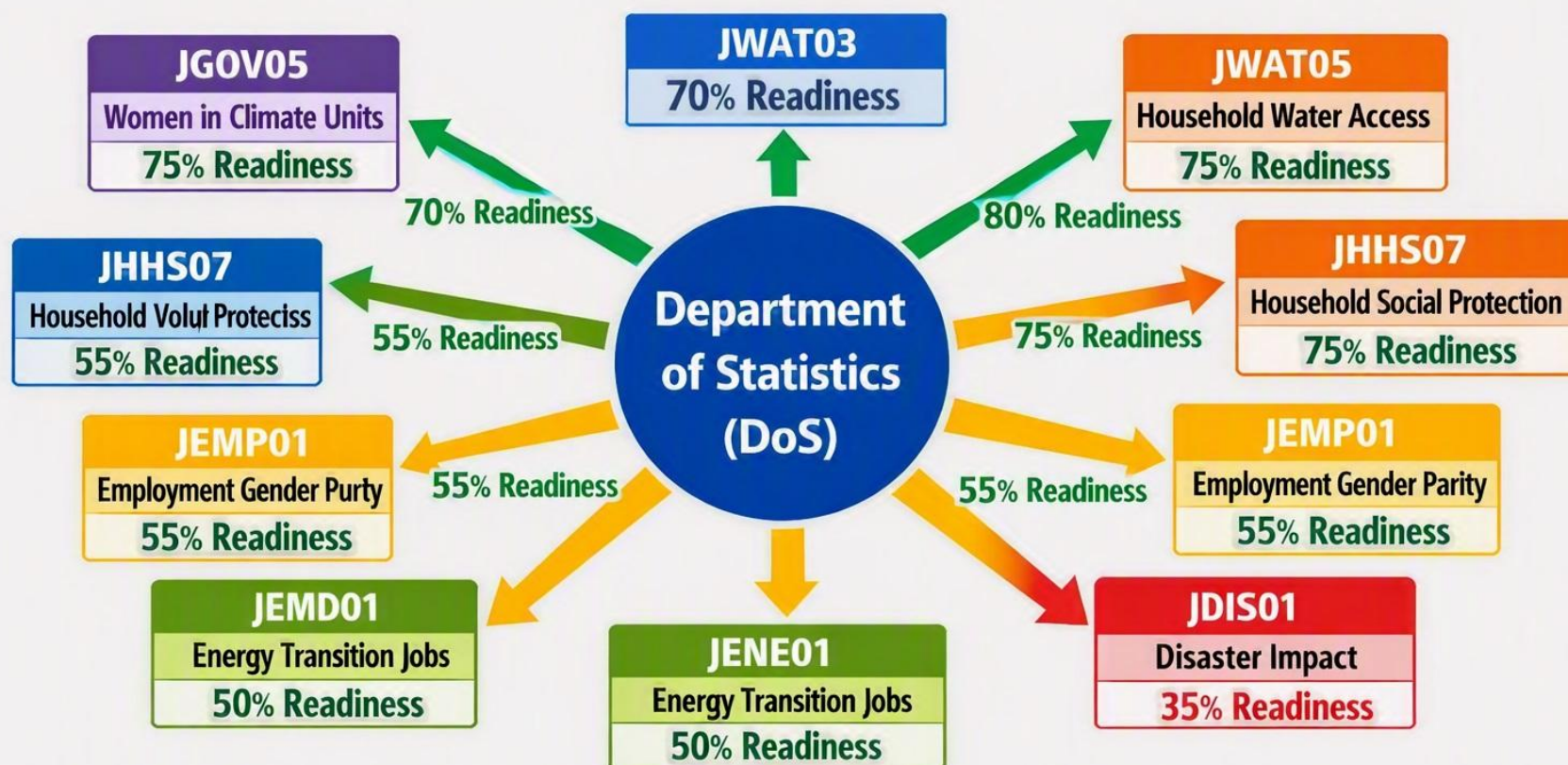


Critical Gap

Jordan Climate-Gender Indicators Hub

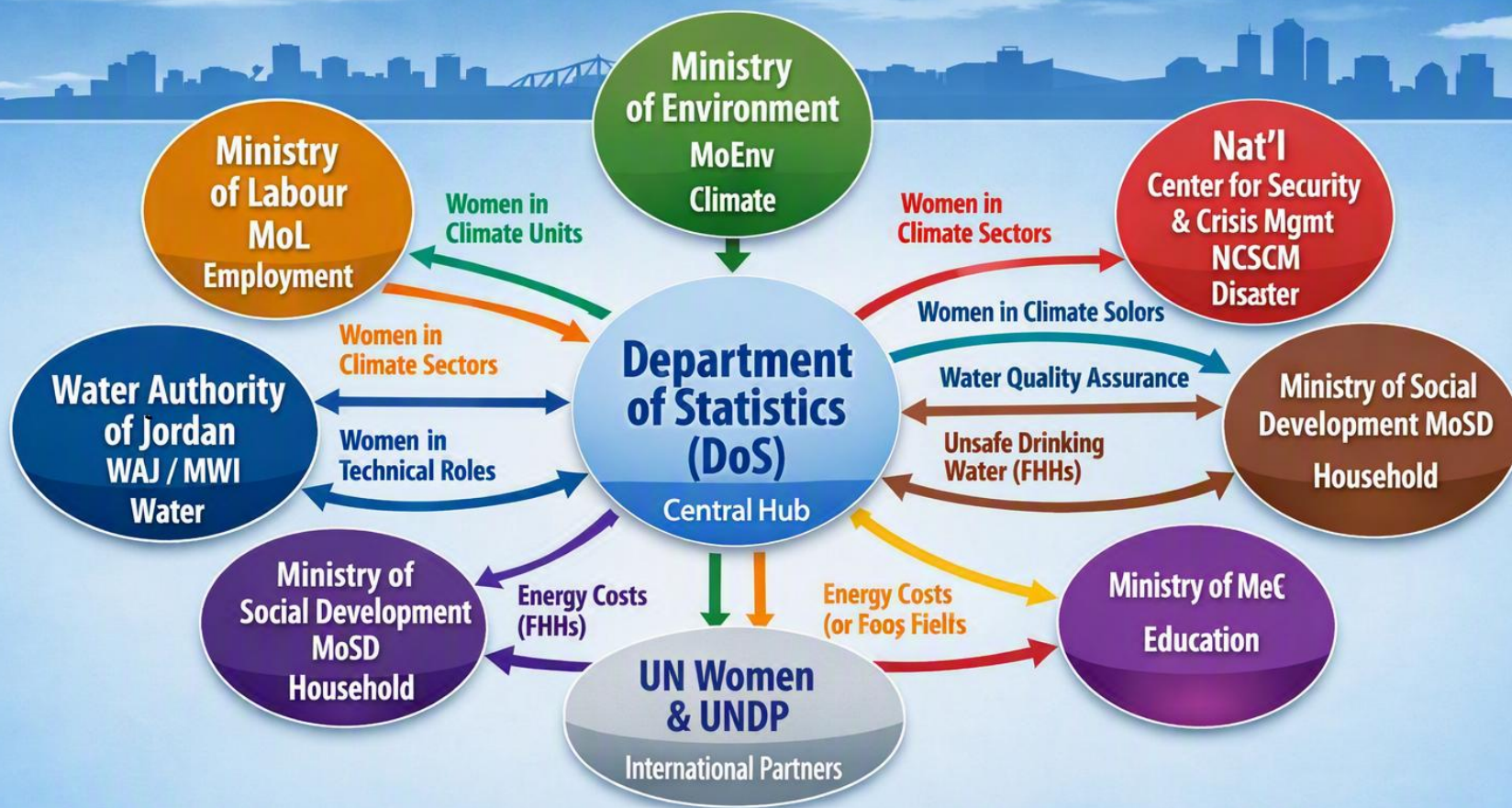


Jordan Climate-Gender Indicator Readiness Hub



Readiness Score: ● High ● Moderate ● Low

Jordan **Climate-Gender** Stakeholder Coordination Map



Criterion	What it measures	weight
Climate relevance	Direct linkage to prioritized hazard(s)	25%
Gender / vulnerability relevance	Captures differential impacts or can be disaggregated to reveal inequities	20%
Decision value	Will the indicator inform budgets, targeting or project design?	20%
Data availability & quality	Existing source(s) and frequency; disaggregation fields present	15%
Feasibility & cost	Ease and cost to operationalize (admin change vs new survey)	10%
Equity & protection risk	Risk of harm from data collection; sensitivity of refugee data	10%

Score	Definition	Examples
5 – Very High	Indicator directly measures climate drivers, impacts, adaptation, or mitigation. Strong alignment with NCCP/NAP/NDC and IPCC categories.	% of households reporting crop loss due to drought; Heatwave-related hospital admissions; Renewable energy employment
4 – High	Indicator strongly reflects climate impacts or resilience, with clear sectoral linkage.	Water scarcity index; Hospital admissions linked to vector-borne diseases
3 – Moderate	Indicator indirectly reflects climate impacts or resilience. Climate linkage is evident but secondary.	School attendance disruption due to climate shocks; Food insecurity among female-headed households
2 – Low	Indicator has weak or contextual climate linkage; requires interpretation or supplementary data.	General poverty rates disaggregated by governorate
1 – Very Low	Indicator is climate-neutral; no explicit linkage to climate drivers or adaptation.	Overall employment without sectoral breakdown

Score	Definition	Examples
5 – Very High	Indicator is gender-specific and explicitly measures women's participation, vulnerability, or empowerment.	Women's participation in climate governance committees; Rural women's workload in agriculture
4 – High	Indicator strongly reflects gender differences and inequalities, with clear disaggregation and analysis.	Access to climate-resilient water supply disaggregated by sex
3 – Moderate	Indicator is gender-sensitive: can be disaggregated by sex or reveals gender differences when analyzed.	Crop loss disaggregated by sex of household head
2 – Low	Indicator is gender-neutral but could be adapted with additional disaggregation.	General household energy consumption
1 – Very Low	Indicator has no gender dimension and cannot be disaggregated meaningfully.	National greenhouse gas emissions

