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Economic and Social Commission for Western Asia

Applying Arab Monitoring Framework at the National Level

Kamil Hamati

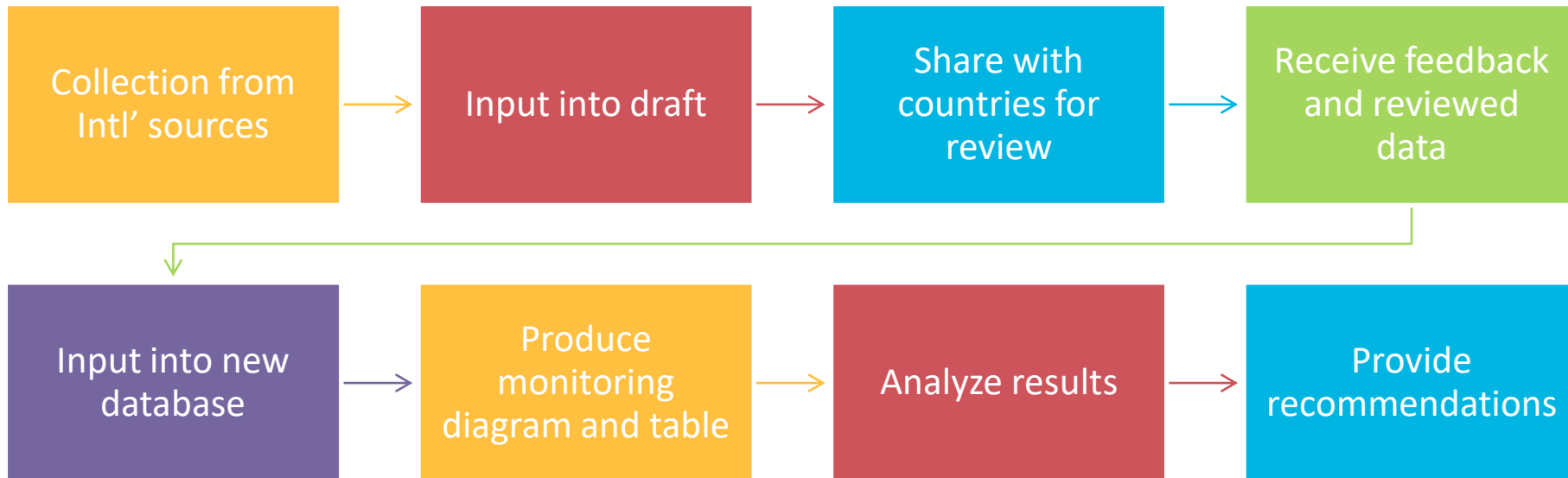
Regional meeting on Promoting Food and Water Security in the Arab Region
Amman, 27-28 November 2019

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The data collection process

This framework is produced for countries, by countries



Using the data

The worksheet is divided into the 4 dimensions of food security, by country (and sub-region), by indicator and by year (2010 and latest).

Core indicators are there too.

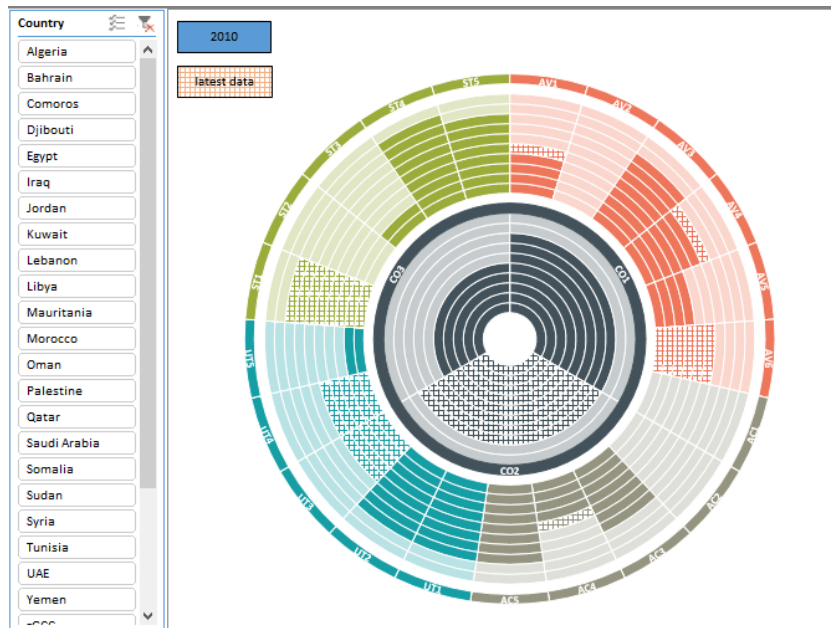
Sub-regional averages are automatically calculated* by the database.

		UTILIZATION									
		UT1: DrinkWater		UT1: Sanitation		UT3: Stunting		UT4: Wasting		UT5: Anaemia	
		Access Drink Water	Year	Access Sanitation	Year	Child Stunting	Year	Child Wasting	Year	Women Anaemia	Year
Algeria	2010	92.4	2010	86.6	2010		2010		2010	33.3	2010
Bahrain	2010	100	2010	100	2010		2010		2010	41.5	2010
Comoros	2010	84.4	2010	32	2010		2010		2010	28.0	2010
Djibouti	2010	76.3	2010	51.2	2010		2010		2010	30.9	2010
Egypt	2010	98.3	2010	92.9	2010		2010		2010	30.4	2010
Iraq	2010	82.5	2010	83.3	2010		2010		2010	30.1	2010
Jordan	2010	98.9	2010	97.5	2010		2010		2010	29.5	2010
Kuwait	2010	100	2010	100	2010	4.1	2010	2.4	2010	20.6	2010
Lebanon	2010	90	2010	87.6	2010		2010		2010	27.3	2010
Libya	2010	96.8	2010	99.7	2010		2010		2010	30.3	2010
Mauritania	2010	64.8	2010	37.4	2010		2010		2010	37.9	2010
Morocco	2010	77	2010	79	2010		2010		2010	33.6	2010
Oman	2010	84.2	2010	96.4	2010		2010		2010	36.1	2010
Palestine	2010	87.9	2010	95.5	2010	10.9	2010	3.3	2010	27.1	2010
Qatar	2010	100	2010	99.7	2010		2010		2010	25.7	2010
Saudi Arabia	2010	99.4	2010	100	2010		2010		2010	41.5	2010
Somalia	2010	33.4	2010	18.5	2010		2010		2010	43.9	2010
Sudan	2010	51.9	2010	28.3	2010	34.1	2010	15.3	2010	29.8	2010
Syria	2010	96.4	2010	92.9	2010		2010		2010	31.6	2010
Tunisia	2010	92.3	2010	89.3	2010		2010		2010	27.4	2010
UAE	2010	99.6	2010	100	2010		2010		2010	25.6	2010
Yemen	2010	60.4	2010	53	2010		2010		2010	63.3	2010
zGCC	2010	98.5	2010	99.7	2010		2010		2010	36.2	2010

Visualizing the data

Calculations (including normalization) are automated, according to the rules in the user's manual, and the results show on the sheet labeled "donut", in two forms:

- Normalized and scaled on the diagram (score over 10), and
- Raw with values from 2010 and latest year, with progress indicator



Indicator	2010	Latest	Trend		
Code	Description	Data	Data Year		
CD1	Undernourishment (R) - %	11.7	12.4	2016	●
CD2	Food insecurity (R) - %	n.a.	10.6	2016	
CD3	Obesity (R) - %	23.3	27.0	2016	●
AV1	Yields - %	71.1	80.9	2017	●
AV2	Agriculture expenditure - index	n.a.	n.a.		
AV3	Food loss (R) - %	7.2	6.7	2013	●
AV4	Dietary energy supply - %	127.8	130.7	2017	●
AV5	Import dependency (R) - %	53.2	64.3	2012	●
AV6	Agriculture water (R) - %	n.a.	44.4	2017	
AC1	Poverty (R) - %	n.a.	n.a.		
AC2	Food consumption (R) - %	n.a.	n.a.		
AC3	Unemployment (R) - %	9.6	10.4	mult.	●
AC4	Logistics - index	2.5	2.7	2016	●
AC5	Inflation (R) - %	6.0	12.3	mult.	●
UT1	Drinking water access - %	84.3	86.3	2015	●
UT2	Sanitation access - %	78.3	80.8	2015	●
UT3	Child stunting (R) - %	n.a.	23.7	mult.	
UT4	Child wasting (R) - %	n.a.	3.0	mult.	
UT5	Women anaemia (R) - %	34.2	35.5	2010	●
ST1	Climate change (R) - index	n.a.	0.03	2019	
ST2	Price anomalies (R) - index	n.a.	n.a.		
ST3	Political stability - ranking	20.1	13.9	2017	●
ST4	Production variability (R) - \$/capita	3.7	3.4	2016	●
ST5	Supply variability (R) - kcal/cap/day	32.7	23.1	2013	●

From data to policy

- Progress is measured against 2010 for the same country
- Score is given over global minimum and maximum*
- Core indicators explain the overall situation
- Dimensions dissected and read indicator by indicator
- Outlook on general situation

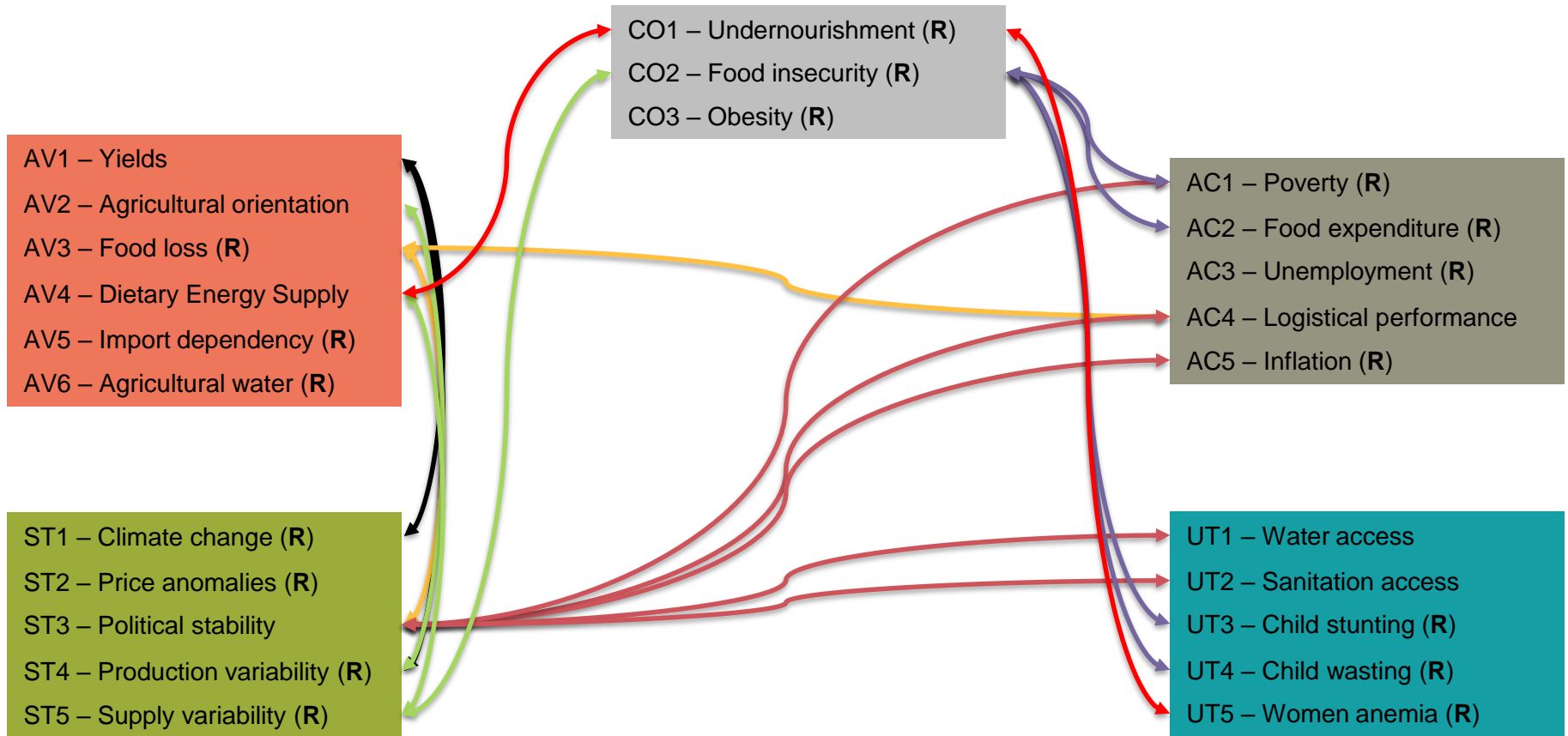


From data to policy

- Analysis compiling the entire outlook and linking dimensions and indicators together
- Understanding why data changed the way it did, makes it easier to identify critical challenges (*drought, flood, conflict, policy, displacement, force majeure, etc...*)
- Areas for intervention identified
- Recommendations given are context specific and tailored to respond to identified needs

Indicator		2010	Latest		Trend
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AV5	Import dependency (R) - %	59.2	64.9	2012	●
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UT4	Child wasting (R) - %	n.a.	9.0	mult.	
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ST2	Price anomalies (R) - index	n.a.	n.a.		
ST3	Political stability - ranking	20.1	13.9	2017	●
ST4	Production variability (R) - \$/capita	9.7	9.4	2016	●
ST5	Supply variability (R) - kcal/cap/day	32.7	29.1	2013	●

From data to policy



From data to policy

- A single indicator cannot tell the entire story
- Data, translated into scores, indicates policy areas that need improvements
- Countries need to look at their own contexts before making decisions or policy recommendations based on the framework
- **A major setback: all countries lack data for one or more indicators, challenging our monitoring capacity**

Thank you



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