



UN FDES in Qatar

Lessons learned from the implementation

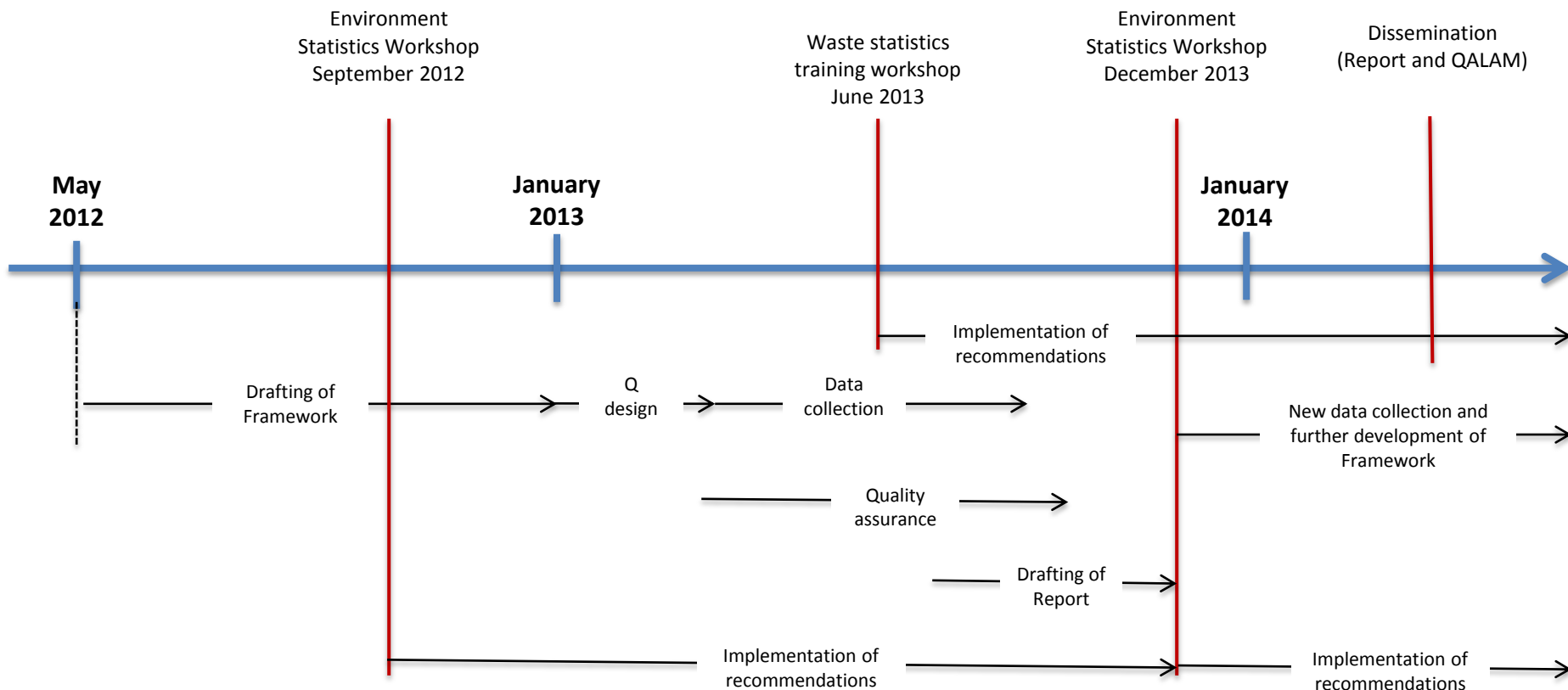
Need for improvement

Michael Nagy

mnagy@qsa.gov.qa



Timeline of FDES implementation





It started in 2012: Something needed to be done

- Existing environment statistics only partly addressed the policy needs
- Classification issues
- Data quality issues

→ new strategy for environment statistics using the UN FDES



Corner Stones of the Environment Statistics Strategy

1. One-stop-shop
2. Addressing the most relevant information needs.
3. Providing better environmental information to international organizations.
4. Standardization of terms, definitions and classifications
5. Consistency and coherence of information
6. High quality of environmental information
7. Responding to complex policy questions by integrating environment statistics with economic and social statistics
8. Multiple use of environmental information.
9. No duplication of work
- 10. One single set of trusted environmental information originating from different sources**



Data issues before FDES implementation: Example Ozone Depleting Substances

UNDP Arab Statistics <http://www.arabstats.org>

Qatar: Consumption of all ozone-depleting substances (ODS) in ODP tonnes



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Use of ozone depleting substances surges 43%
By Santhosh V. Perumal/Business Reporter

Qatar's total consumption of ozone depleting substances surged 43% to 2,027 metric tonnes (MT) in 2010, mainly due to a three-fold rise in hydrochlorofluorocarbons (HCFC), official figures show. However, the use of ozone depleting substances in the country showed a highly uneven growth pattern with their consumption peaking in 2009, according to Qatar Statistics Authority (QSA) data for 2010-11. The consumption of HCFC jumped more than three-fold year-on-year to 580.80MT in 2010, while it had risen 29% to 192.30MT in 2009 but more than quadrupled to 148.50MT in 2008, the environmental statistics, released by the

**Montreal Protocol:
Mass tons <-> ODP tons!**

QSA, Environment Statistics 2010

استهلاك المواد المستنفذة لطبقة الأوزون
CONSUMPTION OF OZONE DEPLETING SUBSTANCES
2005 - 2010

TABLE (217) (Unit: Metric Ton)

Substance	Year						السنة	المادة
	2010	2009	2008	2007	2006	2005		
CFC-11 ^(٤)	0.00	0.00	1.78	3.03	4.35	6.09	11	مركبات الكلور والفلور العضوية - 11
CFC-12 ^(٤)	0.00	0.00	3.27	10.00	27.08	30.91	12	مركبات الكلور والفلور العضوية - 12
HCFC-22	1,446	1,225	604.00	427.78	325.85	272.22	22	مركبات الكلور والفلور العضوية - 22
HYDRO CHLOROFLUOROCARBON (134A)	580.80	192.30	148.50	35.44	0.00	0.00	(134A)	مركبات الهيدروكلوروفلوروكربونية (134A)
Total	2,027	1,417	757.55	476.25	357.28	309.22		المجموع

^(٤) Importation of (CFC-11 ,CFC-12) has been stopped by 2010, in accordance to Montreal Protocol.

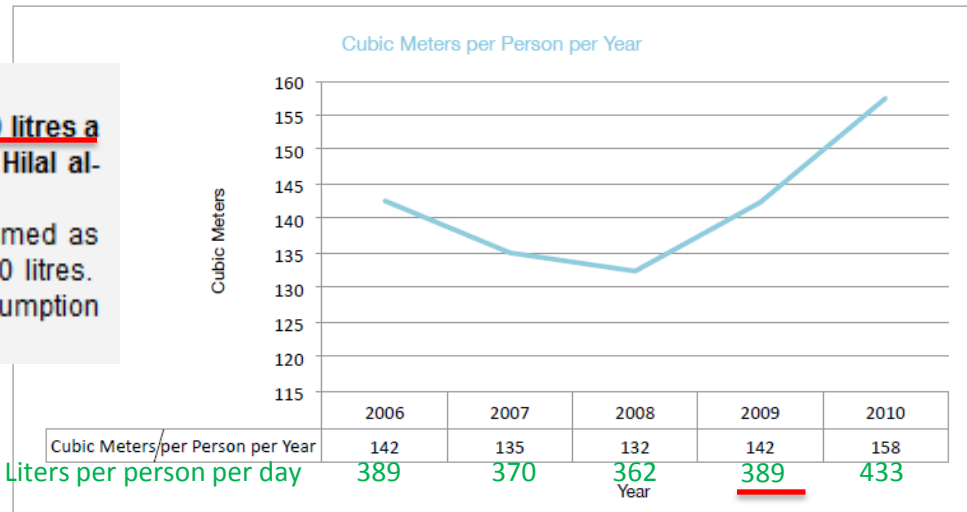
(مركبات الكلور والفلور العضوية - 11, مركبات الكلور والفلور العضوية - 12) تم حظر تيرادها اعتباراً من 2010 حسب بروتوكول مونتريال.



Data issues before FDES implementation: Example Water

Kahramaa 2010 Report

Table WT15 Average Water Per Capita Consumption. Last 5 Years

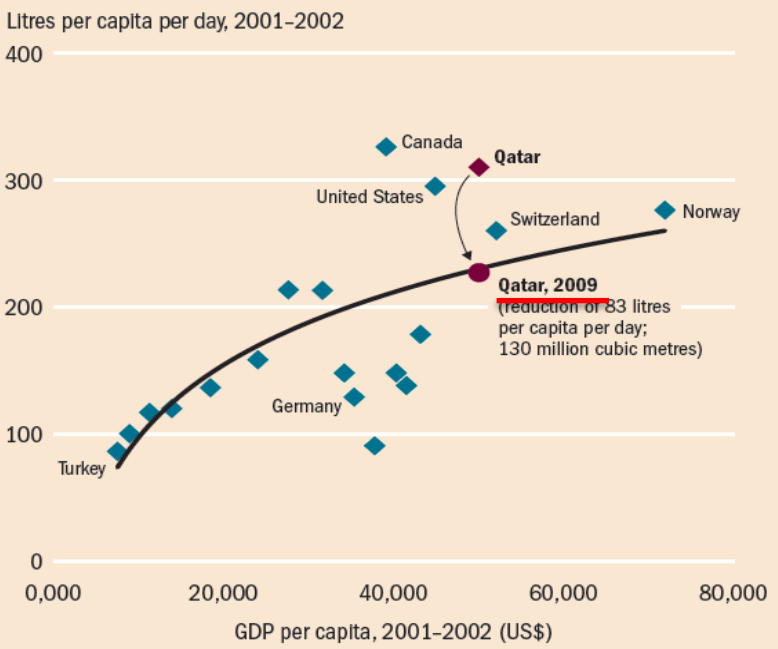


Gulf Times 20 March 2012

Qatar's per capita water use 'highest in world'
 Qatar's per capita water consumption rate, estimated at around 430 litres a day, could be the highest in the world, Kahramaa president Issa Hilal al-Kuwari said yesterday.
 Last year, Kahramaa had gone on record saying that Qataris consumed as much as 1,200 litres of water a day while expatriates used about 200 litres. The estimate was based on the figures of 2009. The average consumption was then given as about 310 litres per person a day.

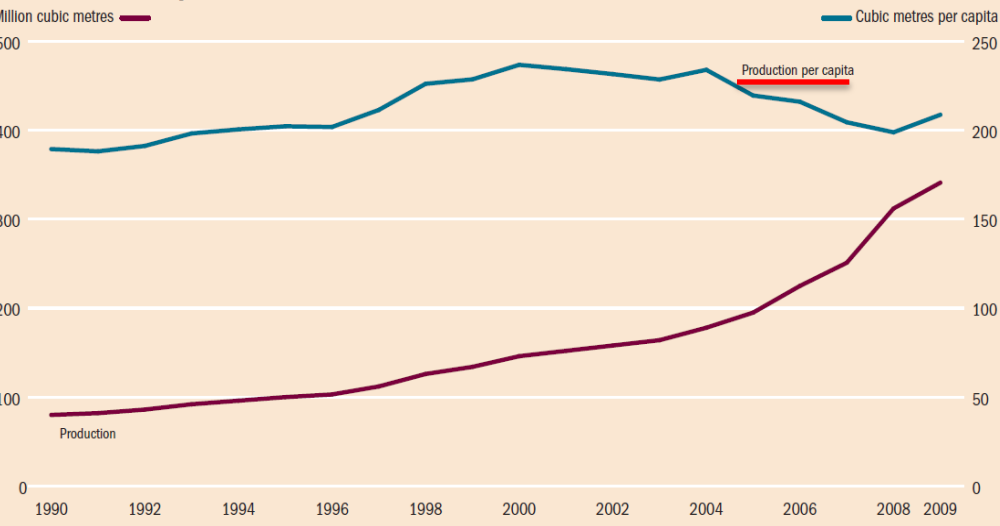
QNDS, page 217

Per capita household consumption



QNDS, page 218

Desalinated water production





Use of the UN FDES in Qatar

Identification of a structured list of statistics with priority for implementation:

- Top down: structured matching of various information needs with required environmental statistics
- Bottom-up: analyzing the international comparability of existing statistics (terminology, classifications, units of measurement, comprehensiveness, etc.)
- Matching the statistics framework with other (e.g. institutional) frameworks of main data providers (e.g. Kahramaa, Qatar Petroleum, etc.)
- Providing the foundation for the implementation of Environmental-Economic Accounts



Lessons learned,

What is needed in the Manual

- Metadata is crucial, examples:
 - time series for coastal water quality available, but details regarding sampling dates, aggregation of data etc. missing
 - Documentation of data manipulation: treatment of extreme values, outliers etc.
- Aggregation levels of statistics maintained by NSOs, examples:
 - Groundwater quality: individual measurements, median values, averages, per aquifer, per catchment,...?
- Practical guidance how to implement new topics
 - Air Emissions Statistics
 - Biodiversity
 - Land use
 - ...



Our first products based on the UN FDES



Ministry of Development Planning and Statistics
Statistics Sector

Statistics About

Economic

- Consumer Price Index
- Producer Price Index
- Gross Domestic Product
- Foreign Trade

Population

- Population structure
- Births and Deaths
- Marriages and Divorces

Social Statistics

- Labor Force
- Education
- Health
- Disability

Environment

- Climate
- Air quality
- Air emissions
- Water
- Aquatic resources
- Waste

Census

- Census 2010
- Census 2004

Services

- Data Request

Recruitment in Surveys

- Recruitment Form



- STATISTICS
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Latest Updates

- Consumer Confidence Index for Qatar, Q4-December 2013 (available in Arabic language only)
25 March 2014
- Sustainable Development Indicators in the state of Qatar 2013
19 March 2014
- Qatar Foreign Merchandise Trade Surplus was QR 37 billion in January, 2014
18 March 2014

- Labor Force Survey, the Fourth quarter (October – December) 2013
17 March 2014
- CPI Consumer Price Index (CPI), February 2014
15 March 2014
- PPI Producer Price Index of Industrial sector for the three months of Q4, 2013
10 March 2014

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Video Library



Key Indicators

- Participation rate 15 years & above, Fourth Quarter, 2013: 87.7%

News:

- A regional workshop to develop the education statistics in the Gulf states and Yemen
20 March 2014
- A survey to assess the patients' evaluation of healthcare insurance in the private sector
10 March 2014
- A workshop to develop the statistics of science, technology and innovation
4 March 2014

[News Archive](#)

Media Press Release:

- Gulf Times: Qatar trade surplus shrinks in July on lower exports
12 September 2013
- Qatar Tribune : Qatar reports QR32.9bn trade surplus for July
12 September 2013
- The Peninsula: Renatal, entertainment push Qatar inflation up
25 August 2013

[Archive](#)

Total Population 28 February 2014

2	1	1	6	4	0	0
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[Details](#)

*as per official administrative records

Qatar information exchange portal

Foreign Merchandise Trade Query System

Towards SDDS

Geo Statistics Application (GSA)

Qatar Atlas

Qatar Map Guide



Upcoming Releases

March 2014

- Quarterly Gross Domestic Product Report (QGDP) Q4, 2013
- Main Economics Indicators Survey Q4, 2013
- Bulletin of Labor force 2013
- Bulletin of Household Expenditure and Income 2012/2013

Qatar's Statistics Day and the 2013

Regional Workshop on education



Our first products based on the UN FDES

وزارة التخطيط التنموي والإحصاء
Ministry of Development Planning and Statistics





Thank you for your attention!

mnagy@qsa.gov.qa