

# UNEP Live – [uneplive.unep.org](http://uneplive.unep.org)

[About](#) | [Calendar](#) | [Multimedia](#) | [News](#) | [Outreach](#) | [Publications](#) | [Vacancies](#)



United Nations Environment Programme  
environment for development



Climate  
Change



Disasters  
& Conflicts



Ecosystem  
Management



Environmental  
Governance



Chemicals  
& Waste



Resource  
Efficiency



Environment  
Under Review

[About us](#)

**LATEST:** [Green Growth Knowledge Platform on country](#)

[Communities of Practice](#)

[Web Intelligence](#)

[Mapping](#)

[Subscriptions](#)



# UNEP Live

OUR CHANGING ENVIRONMENT: PLACE BY PLACE

Select Country/Region/Global

Select Theme

SDG Synergies

Search

Or

Or

Go



# What is UNEP Live?

- On-line knowledge management platform
- Focus on open access to global, regional and national environmental data and knowledge
- Supports more dynamic, interactive assessment and reporting processes
- Range of analytical, mapping, search, visualization tools
- SDGs/ MEAs Synergies Portal
- Web intelligence portal
- Communities of Practice
- Principles: Open access; Data managed as close as possible to source; Data collected once and shared for many purposes

# **Package of UNEP services for monitoring, reporting and data sharing**

1. UNEP Live knowledge management platform
2. UNEP-Live SDGs Synergies Portal
3. Indicator Reporting Information System (IRIS)

# Country data and knowledge

## Kenya

Maps ▾

Graphs

Country Data

Traditional Knowledge

Web Intelligence

InforMEA



### Country Profile

| Description  | Value                 |
|--|-----------------------|
| Region   | Eastern Africa        |
| Currency   | Kenyan Shilling (KES) |
| Surface area (square kilometres)                   | 581313                |
| Population in 2011 (estimated, 000)                | 41610                 |
| Population density in 2011 (per square kilometre)  | 71.6                  |
| Capital city and population in 2011 (000)          | Nairobi (3363)        |
| United Nations membership date                     | 16-Dec-63             |
| GDP: Gross domestic product (million current US\$) | 34059 (2011)          |
| Energy production, primary (000 mt oil equivalent) | N/A                   |

[Disclaimers](#)

## More information

UNEP Resources ▾

[Partner Resources ▾](#)

[Latest Knowledge](#)

[Knowledge Providers](#)

[Apps](#)

## Publications

Total: 32 [View all](#)



# Regional data and knowledge

## Asia and the Pacific

Maps ▾

Graphs

Regional Data

Traditional Knowledge

### Environment



ADB Land and Agriculture



Agricultural Land Use (% of land area)



Arable Land (% of land area)



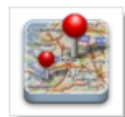
Asia Regional Integration Center  
(ARIC) - GHG



Deforestation rate (average % of  
change)



Energy inputs, Net (% of energy use)



Energy policy map



Extent of Ramsar sites by ASEAN  
Member States, 2013



Greenhouse Gas Emission Inventory



Greenhouse gas emissions



Millennium Development Goals



Nitrous oxide emissions



Open Government Data - Air Quality



Permanent Cropland (% of land area)



Protected Area Analysis



Regional environmental trends and  
table



Resource Efficient Indicators - Natural  
Resources



The Mekong Ecosystem



UNESCAP-GHG



UNESCAP-NO2 Emissions

# Global data and knowledge

## Global

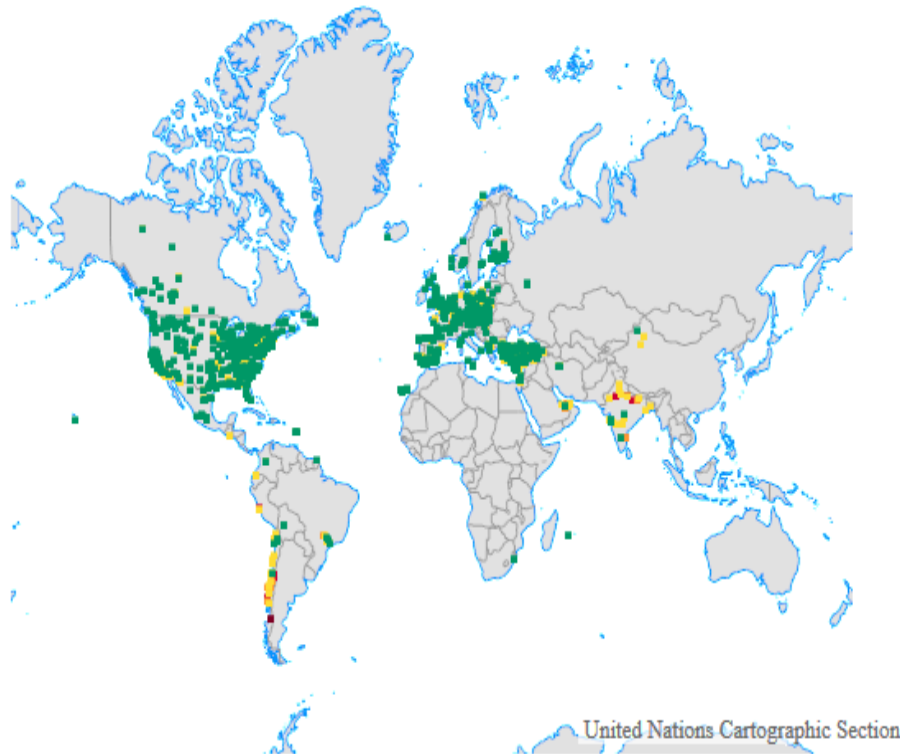
Maps ▾

Graphs

Global Data

Traditional Knowledge

Web Intelligence



### World Air Quality Index

This map shows Air Quality Data is updated in near real-time. Most of the Index corresponds to PM2.5 particle size measurement, with some exceptions based on PM10. The traditional 0-500 AQI scale, based on the US EPA standard, is used for indexing the pollution.

Source: [aqicn.org](http://aqicn.org)

### Legend

■ 0 - 50   ■ 50 - 100   ■ 100 - 150   ■ 150 - 200   ■ 200 - 300   ■ 300 - 1000

Source: [aqicn.org](http://aqicn.org)

# Web intelligence

UNEP Web intelligence

Video

Transcript

Slides

UNEP Live  
WEB INTELLIGENCE

Search "air quality"



Documents

0-50 out of 1005

Date Range

21 Apr 2016 - 21 Jun 2016

Data Sources

News / EN

Interface Options

Unfiltered / EN

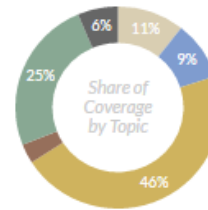
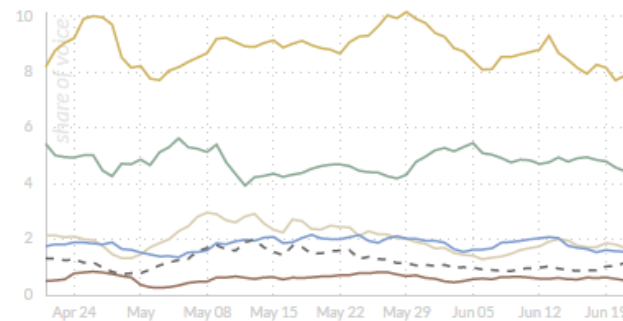
Visualizations

Export

About | Help

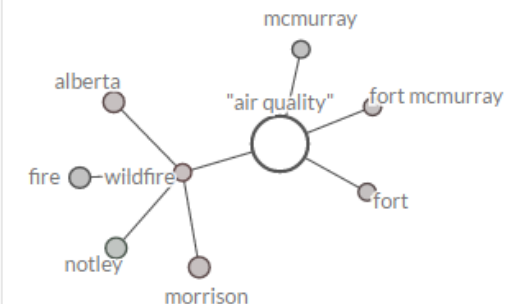
|                                 |      |
|---------------------------------|------|
| General                         |      |
| Air                             | 1677 |
| Biodiversity                    | 1496 |
| Climate Change                  | 7372 |
| Sustainable Development         | 502  |
| Water                           | 3872 |
| UNEP Regions                    |      |
| Africa                          | 934  |
| Asia and the Pacific            | 1482 |
| Europe                          | 1226 |
| Latin America and the Caribbean | 306  |
| North America                   | 2186 |
| Polar: Arctic                   | 518  |
| West Asia                       | 741  |
| Environmental Themes            |      |
| Sustainable Development Goals   |      |

|                      |      |
|----------------------|------|
| Current Search       |      |
| air quality          | 1005 |
| Associations         |      |
| wildfire             | 1336 |
| fort                 | 2975 |
| fort mcmurray        | 1269 |
| mcmurray             | 1285 |
| fire                 | 7542 |
| air pollution        | 825  |
| smoke                | 1839 |
| blaze                | 996  |
| alberta              | 1959 |
| notley               | 579  |
| morrison             | 689  |
| suncor               | 379  |
| edmonton             | 735  |
| london               | 5684 |
| mandatory evacuation | 298  |



- 06/21 Ray Anderson ushering in massive changes at Arizona State and ... Hot, uncomfortable day ushers out spring in N.J. An air quality alert is in effect for the whole state The L...  
wn article.wn.com
- 06/21 Temperatures in excess of 100 degrees prompt calls for energy savings  
some could come online as early as the end of this year. Air quality regulators recently agreed to allow the Los...  
latimes.com
- 06/20 Lawmakers must protect kids from lead in schools - opinion  
teachers and staff are also dealing with mold, indoor air quality concerns and structural issues that leave buil...  
oregonlive.com
- 06/20 Clean-air battle mounts in Paris  
such as asthma. Paris, among the European Union's laggards on air-quality control, is introducing rules that'll...  
classic.iol.co.za
- 06/20 Hot, uncomfortable day ushers out spring in N.J.  
New Jersey will will be sunny, hot and and uncomfortable. An air quality alert in in effect for the entire state M...  
nj.com
- 06/20 Record-breaking temperatures in the Southwest: How to beat extreme heat  
a greater risk, since stagnant atmospheric conditions and poor air quality can exacerbate the effects of extre...  
csmonitor.com
- 06/20 Twin fires burn more than 4,500 acres and trigger evacuations in San Gabriel Valley - LA Times  
The fires triggered a smoke advisory from the South Coast Air Quality Management District. Smoke from the...  
latimes.com
- 06/20 Finding a way to pay for public-transit expansion - Along for the Ride  
Missouri gets through the federal Congestion Mitigation and Air Quality Improvement Program, money that...  
stltoday.com
- 06/20 Air quality advisory in effect in eastern Wisconsin  
47 p.m. By Don Behm of the Journal Sentinel. An air quality advisory for ground level ozone pollution is in effe...  
jsonline.com

aircraft airport alberta aleppo assad baghdad  
blaze boeing car care championship cleveland  
clinton crash credit drone edmonton euro  
evacuation everest fallujah festival fighting fire  
flight fort game games hawaii hospital housing  
impulse iraq iraqi isis khan kurdisch labour  
london love military morrison music navy nba  
notley obama offensive olympics plane rail rear  
rebel rio russian show smoke song strike syria  
syrian theatre train truce trump wildfire  
wine zoo





# Mapping

## MAPS ON UNEP LIVE

Explore maps on UNEP Live by Theme



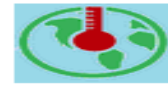
Biodiversity



Clean Energy



Clean water and sanitation



Climate Change



Consumption and Production



Education



Employment and Economics growth



Food Security



Gender Equality



Health and well-being



Land



Oceans



Poverty



Sustainable cities

Explore maps on UNEP Live by Region



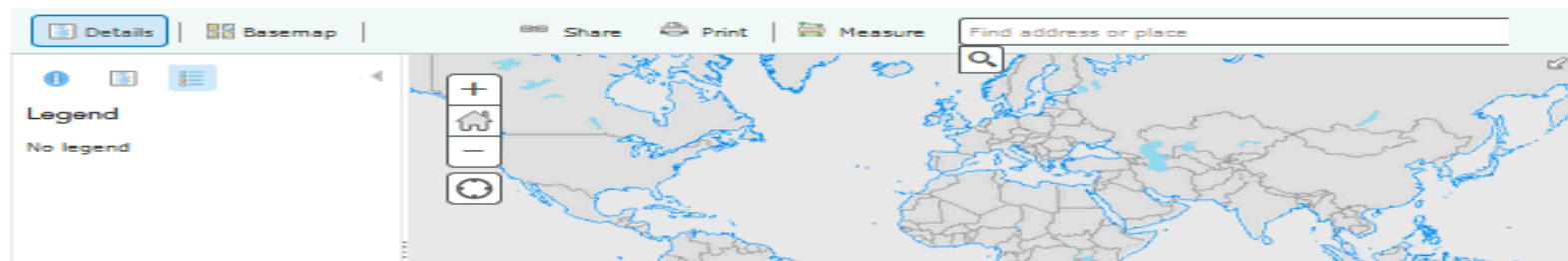
## CREATE YOUR OWN MAP

Here, users and assessment practitioners can create a map. To do so, first choose a base map from the options provided below and then simply drag and drop your data file (a CSV or Excel file) on to the map. Your file must include coordinates (latitudes and longitudes) in the following fields a) latitude fields: lat, latitude, y, ycenter b) longitude fields: lon, long, longitude, x, xcenter. You can also drag and drop zipped [shapefiles](#).

To save the map, either use your ArcGIS Online account or subscribe to [arogis.com](#) to sign-up for a (free) [public](#) account that allows you to create, save, publish, download or print your map.

ArcGIS ▾ UN Basemap

Modify Map Sign In





# Charting Indicators

Maps ▾

Graphs

Country Data

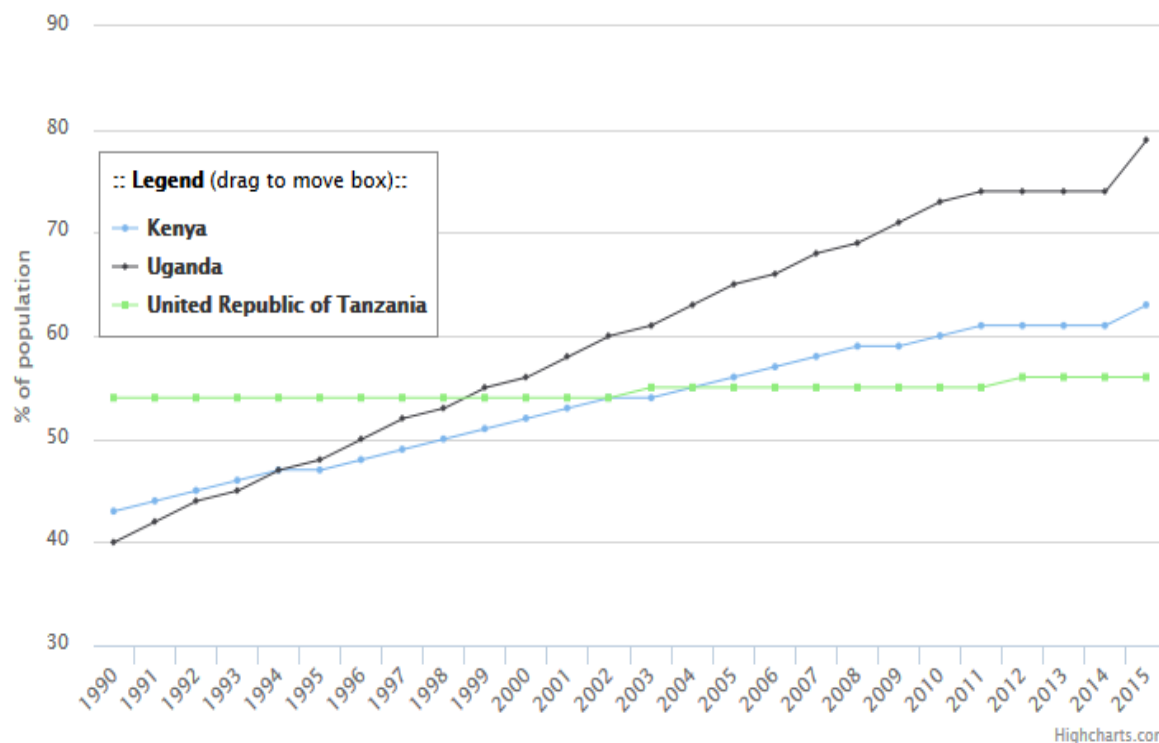
Traditional Knowledge

Web Intelligence

InforMEA

## Access to improved water sources

Data Source: [MDG](#), [MDG Indicators Database](#)



This data series was updated from the original source on: 2015

### Definition:

The proportion of the total population with access to improved water sources. Improved water sources includes household water connection, public standpipe, borehole, protected dug well, protected spring, rainwater collection and bottled water (if the secondary available source is also improved).

### Analyze one indicator across countries

#### Select countries

\* Kenya \* United Republic of Tanzania  
\* Uganda

#### Select indicator

Access to improved water sources

#### Select year(s)

from:

1990

to: (optional)

2015

Draw graph

# **Package of UNEP services for monitoring, reporting and data sharing**

1. UNEP Live knowledge management platform
2. UNEP-Live SDGs Synergies Portal
3. Indicator Reporting Information System (IRIS)

## Sustainable Development Goals

## INTERLINKAGES (Goals/targets/indicators)

Search for a term:

Search

Reset



1.b Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender sensitive development strategies, to support accelerated investment in poverty eradication actions.

1.b.1 Proportion of government recurrent and capital spending going to sectors that disproportionately benefit women, poor and vulnerable groups

1.b.1 Government spending to benefit women, poor and vulnerable groups

1.b Support investment in poverty eradication

Sustainable Development Goal

Target

Indicator

## Public expenditure on education, % tot gov expenditure

Source: [United Nations Education, Scientific and Cultural Organization, UNESCO Institute of Statistics \(UIS\) database](#)  
This Indicator is relevant to Indicator 1.b.1



Click to go to  
Sustainable  
Knowledge Platform



# Environmental dimension of SDGs

- 17 out of 17 Goals
- 81 out of 241 global indicators
- UNEP is custodian agency for 31 global indicators, collaborating on others
- Many links between SDGs and MEAs
- UNEP Live contains datasets related to 112 out of 241 indicators
- Data is missing for many countries

# **Example: Tier I indicators for which UNEP is expected to be responsible for providing data flows**

6.5.1 Degree of integrated water resources management implementation (0-100)

12.4.1 Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement

14.5.1 Coverage of protected areas in relation to marine areas

15.1.2 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type

15.4.1 Coverage by protected areas of important sites for mountain biodiversity

15.a.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems

15.b.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems

# How MEAs contribute to SDGs

## SDG Synergies

SDG Demo: [Play](#), [Download](#)

[Feedback](#)

[SDGs](#)

[MEAs](#)

[Synergies](#)

[Ontologies](#)

Search for a term:





- 1.1 By 2030 eradicate extreme poverty
- 1.2 By 2030 halve % people in poverty
- 1.4 Ensure equal rights resources, basic services
- 1.5 Build resilience, reduce vulnerability
- 2.1 End hunger and ensure access to food
- 2.2 End all forms of malnutrition
- 5.a Reform for women equal rights and resources
- 11.5 Reduce deaths, losses due to disasters
- 11.a Support links urban, peri-urban & rural areas
- 13.1 Strengthen resilience to CC-hazards&disaster
- 15.9 Integrate ecosystem, biodiversity values

- 1.1.1 Proportion of people living on less than \$1.25 PPP a day
- 1.2.1 Proportion of population living below national poverty line
- 1.4.1 Proportion of households with access to basic services
- Number of deaths, missing, injured, relocated due to disaster
- 2.1.1 Prevalence of undernourishment
- 2.1.2 Food Insecurity Experience Scale (FIES)
- 2.2.1 Prevalence of stunting among children under five
- 5.a.1 Share of women among agricultural land owners
- 11.a.1 Proportion of population living in cities with development plans
- 15.9.1 Progress towards targets in accordance with Aichi Biodiversity Target 2
- 1.2.2 Proportion living in poverty

## Combat desertification

### 1. Affected populations

#### 1.1.1 Trends in population living conditions

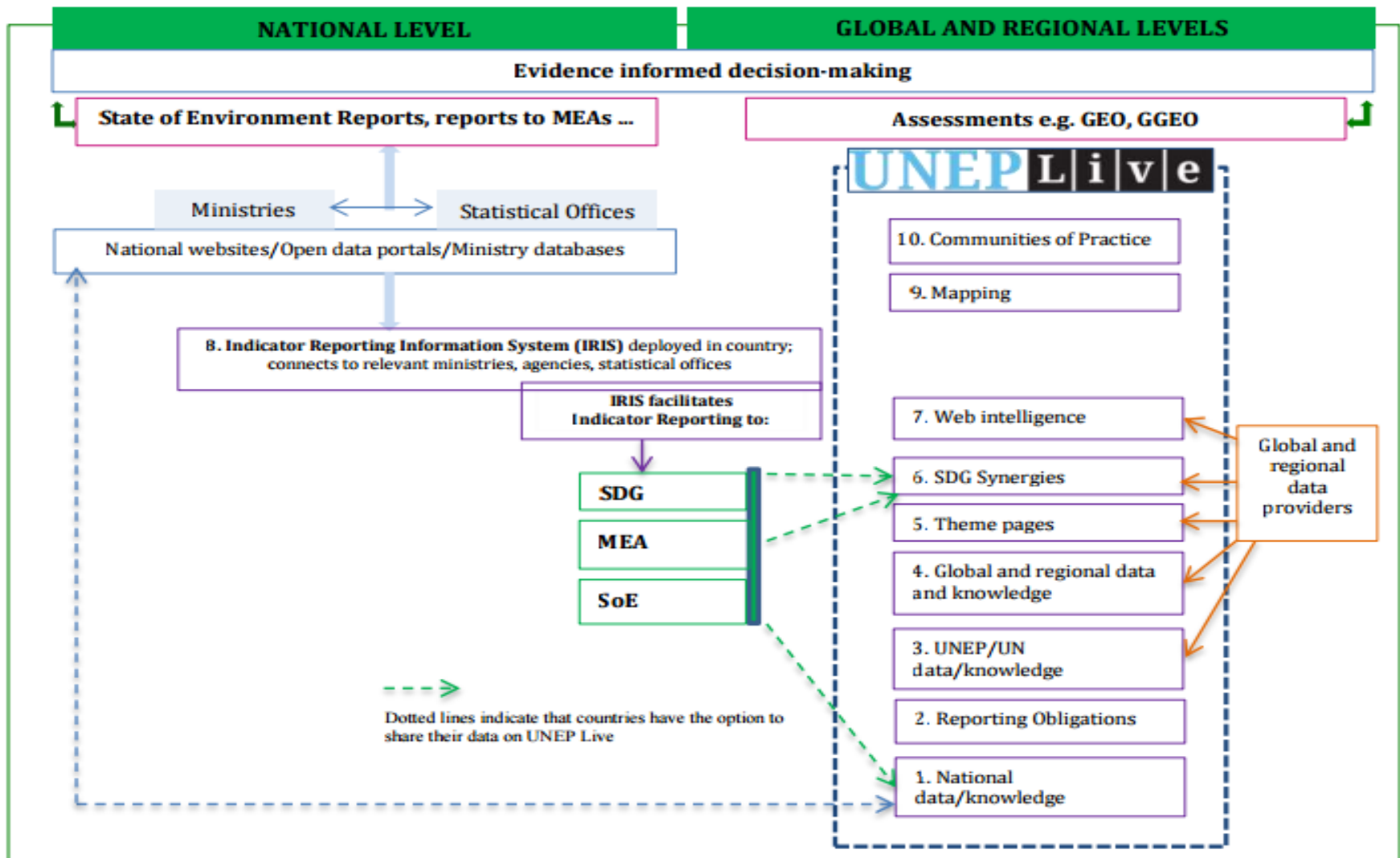




# **Package of UNEP services for monitoring, reporting and data sharing**

1. UNEP Live knowledge management platform
2. UNEP-Live SDGs Synergies Portal
3. Indicator Reporting Information System (IRIS)

# Integration: UNEP Live, Assessments, IRIS



# Reporting Obligations

## More information

UNEP Resources ▾

Partner Resources ▾

Latest Knowledge

Knowledge Providers

Apps

## Reporting Obligations

Show  entries

Search:

| Obligation  | Legislative Instrument  | Report To                               | Reporting Format   | Deadline   |
|---|---|---|--|------------|
| DDT Registration  | Stockholm Convention on Persistent Organic Pollutants (POPs)                                      | Secretariat of the Stockholm Convention | DDT Questionnaires   | 2016-12-31 |
| Implementation plan   | Stockholm Convention on Persistent Organic Pollutants (POPs)                                      | Secretariat of the Stockholm Convention | Guidance for Developing a National Implementation Plan for the Stockholm Convention on Persistent Organic Pollutants |            |
| National Report   | Stockholm Convention on Persistent Organic Pollutants (POPs)                                      | Secretariat of the Stockholm Convention | Electronic Reporting System of the Stockholm Convention (SC-ERS)   | 2018-12-31 |
| National Report   | Convention on the Conservation of Migratory Species of Wild Animals                               | UNEP-CMS Secretariat                    | CMS Family Online Reporting System   | 2017-04-30 |
| National report on the implementation of the Convention on Biological Diversity | Convention on Biological Diversity  | Convention on Biological Diversity      | National Reports Guidelines  | 2017-03-31 |
| Thematic reports  | Convention on Biological Diversity  | Convention on Biological Diversity      | Thematic Reports Guidelines  |            |
| Yearly report to the Basel Convention   | Basel Convention on the control of transboundary movements of hazardous wastes and their disposal | Basel Convention                        | Electronic Reporting System of the Basel Convention  | 2015-12-31 |

| Obligation | Legislative Instrument | Report To    | Reporting Format      | Deadline         |
|------------|------------------------|--------------|-----------------------|------------------|
| Maps ▾     | Graphs                 | Country Data | Traditional Knowledge | Web Intelligence |
|            |                        | InforMEA     |                       |                  |

|                  |    |
|------------------|----|
| Party status     | 12 |
| Action plans     | 0  |
| National reports | 28 |
| ECOLEX           |    |
| Summary          |    |
| View on UNEPLive |    |

| Treaty                              | Signature   | Ratification | Status       | Focal points |
|-------------------------------------|-------------|--------------|--------------|--------------|
| Basel Convention                    | 22 Mar 1989 | 25 Feb 2013  | Accession    |              |
| The Cartagena Protocol on Biosafety |             | 20 Feb 2013  | Accession    |              |
| CBD                                 | 12 Jun 1992 | 19 Sep 2002  | Ratification |              |
| CITES                               | 30 Oct 1985 | 28 Jan 1986  | Accession    |              |
| CMS                                 | 30 Nov 2577 | 1 Aug 2015   |              |              |
| Kyoto Protocol                      |             | 25 Mar 2013  | Accession    |              |
| Montreal Protocol                   |             | 17 Jun 2004  | Accession    |              |
| Rotterdam Convention                |             | 6 Mar 2013   | Accession    |              |
| Stockholm Convention                |             | 20 Feb 2013  | Accession    |              |
| UNCCD                               |             | 1 Nov 1995   | Accession    |              |
| UNFCCC                              | 12 Jun 1992 | 19 Sep 2002  | Ratification |              |
| Vienna Convention                   |             | 17 Jun 2004  | Accession    |              |



# Indicator Reporting Information System

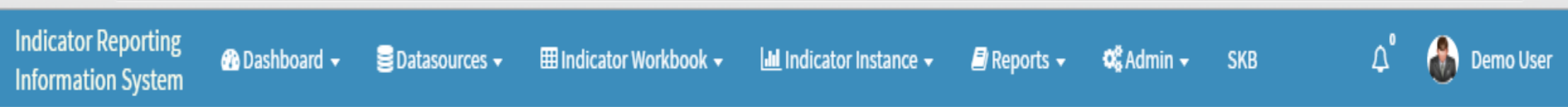
- The **IRIS** aims to help government ministries responsible for reporting on national, regional and global obligations, to collect, analyze and publish quality assured environmental information in a timely manner
- The **IRIS** enables evidence-based, timely decision-making



The screenshot displays the IRIS dashboard with a table of datasets. The table has columns for Custom name, Scope, and Date. The table is filtered by 'Air Quality' and 'CO2 Emissions'.

| Custom name | Scope    | Date                |
|-------------|----------|---------------------|
| test        | National | 2004-11-10 08:31:39 |
| test-CO2    | National | 2004-11-10 05:58:59 |
| test-CO2    | National | 2004-11-09 08:58:12 |
| test-CO2    | National | 2004-11-07 10:47:59 |
| test-CO2    | National | 2004-11-06 16:09:27 |
| test-CO2    | Regional | 2004-11-06 16:03:20 |
| test-CO2    | Regional | 2004-11-06 09:25:34 |
| test-CO2    | National | 2004-09-22 12:28:36 |
| test-CO2    | National | 2004-09-22 12:24:30 |
| test-CO2    | National | 2004-09-22 12:18:50 |

# Indicator Reporting Information System



**Dashboard:** provides a graphical snap-shot of key data/indicators that together highlight, in a quick, easy way, the state and trends of the environment.

**Datasources:** users can upload data so they are available for multiple reporting needs. This is the starting point for reporting.

**Indicator Workbooks** can be generated using formulae's and multiple datasets and **Indicator Instances** (chart, map, values) saved for use in reporting

**Reports** allow users to generate reports, using reporting templates, that bring in relevant datasets and indicators available in the IRIS.

The **Administration** menu option is not available to all users. Administrators have the option to add new users and upload reporting templates.

# Datasources



Datasources Home > Datasource > add Select Language ▼

Add datasource :

Datasource type

API's URL

Data Object

Validate

Upload using an API

Datasources Home > Datasource > add Select Language ▼

Add datasource :

Datasource type

Server Type

Host:Port

Username

Password

Database

Upload from a Database

Datasources Home > Datasource > add Select Language ▼

Add datasource :

Datasource type

Upload Excel file  No file chosen

Upload from an Excel spreadsheet

# Indicator Workbooks



Indicator Reporting  
Information System

Dashboard ▾

Datasources ▾

Indicator Workbook ▾

Indicator Instance ▾

## Indicator Workbook

Add new

Open existing

Import from API (IRIS - IRIS)

### Add Indicator Workbook

Definition

Connect datasource

Computed value

Chart

Map

#### 1. Define your indicator workbook

Indicator Workbook name

#### 2. Select indicator definition to use for this indicator workbook or create a new one ...

Indicator definition

-- Create new definition --



Category

Arable and Permanent Crop Land Area



Definition name

Description

Unit of measurement

Reporting scope

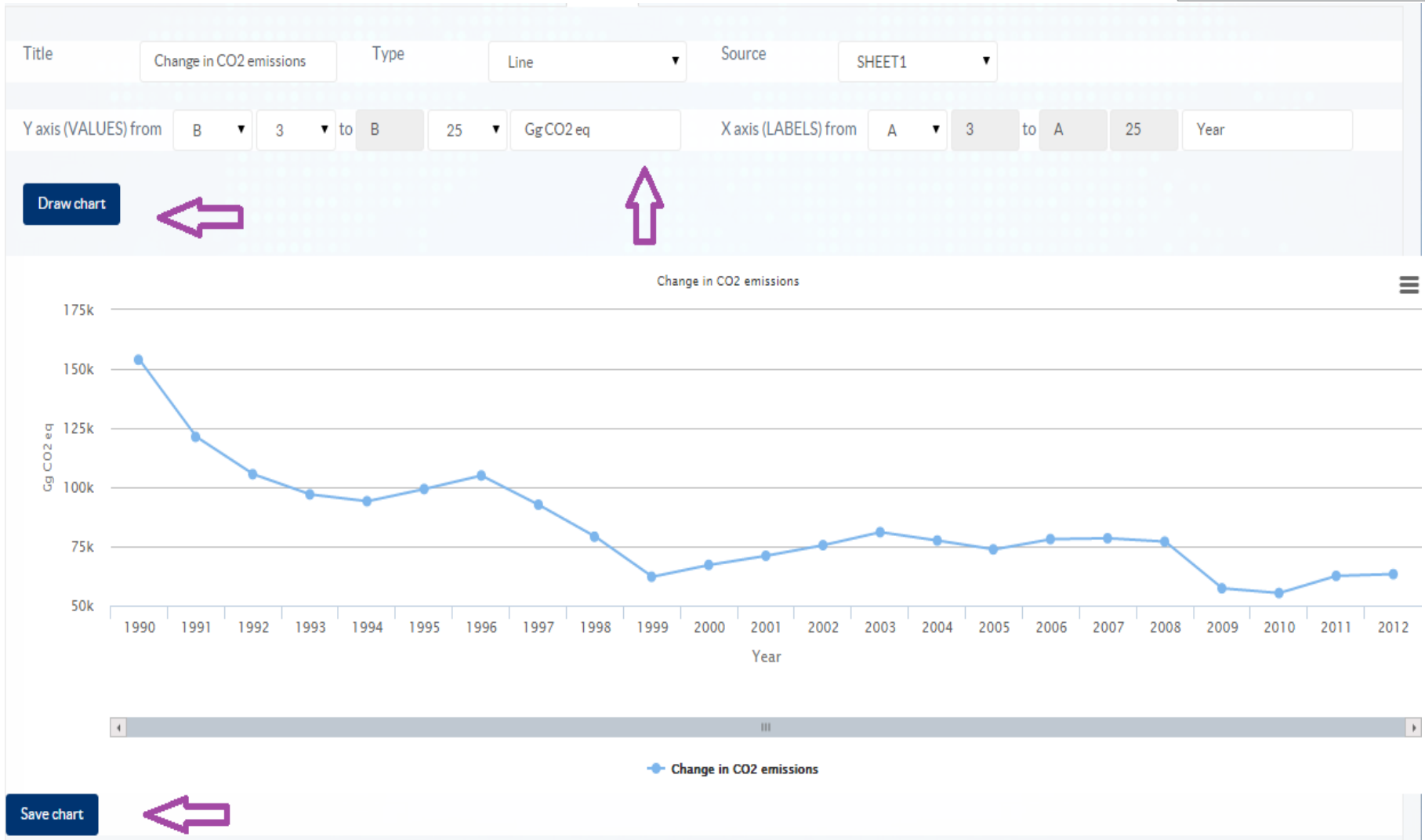
International



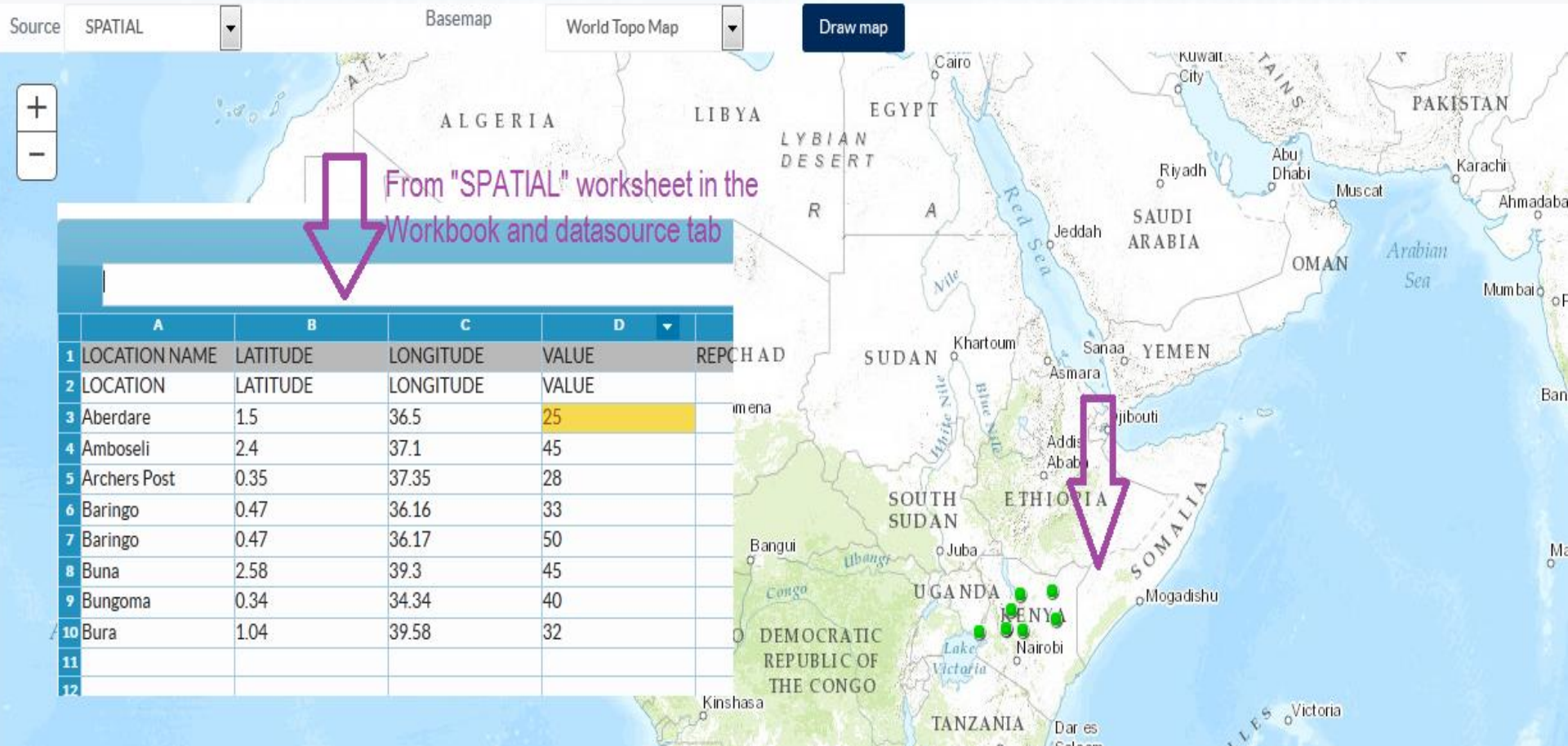
DPSIR



# Indicator Instances - Charts



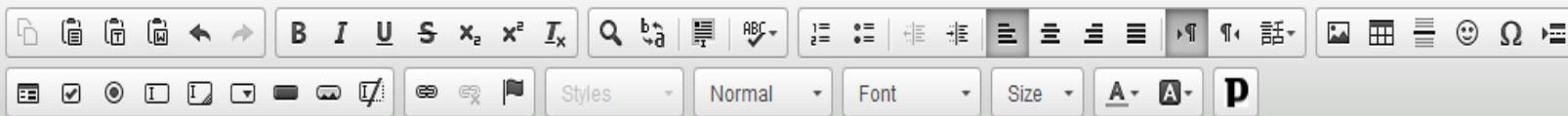
# Indicator Instances - Maps



# Narratives



Narrative:



Protected areas constitute an important stock of natural, cultural and social capital, yielding flows of economically valuable goods and services that benefit society, secure livelihoods, and contribute to the achievement of Millennium Development Goals. Moreover, protected areas are key to buffering unpredictable impacts of impending climate change. The CBD Programme of Work on Protected Areas provides a globally-accepted framework for creating comprehensive, effectively managed and sustainably funded national and regional protected area systems around the globe.

body p

Save Narrative

# Reports















Create report

















Template































Basel Convention 2015

Load

Header



































































Styles - Format - Font - Size - A - A -

**ERS Basel 2015**  
Name of Party: Australia

Content







Styles - Format - Font - Size - A - A -

**P**

PART I: STATUS OF INFORMATION

Competent Authority information

1a - Designated Competent Authority to the Basel Convention. In accordance with Article 5 of the Convention, Parties shall designate or establish one or more competent authorities. According to the Secretariat's records the Designated Competent Authority(~~ies~~) in your country is(are):

Please use the following [link](#) to download the table in excel.

[Download Excel Table](#)















1a.1 - Do you want to make a request to the Secretariat to update the above-mentioned record or to make a new designation for a Competent Authority?

















☐ Yes































☐ No

1a.2 - Request to the Secretariat to update the Secretariat records for the Designated Competent Authority to the Basel Convention or to make a new designation. Please note that the updated or new designations transmitted here will be confirmed by the Secretariat, in

Footer








Styles - Format - Font - Size - A - A -


☐ Schedule

Create report

# Dashboard

 Dashboard

Home > Dashboard > index

 Select Language ▼

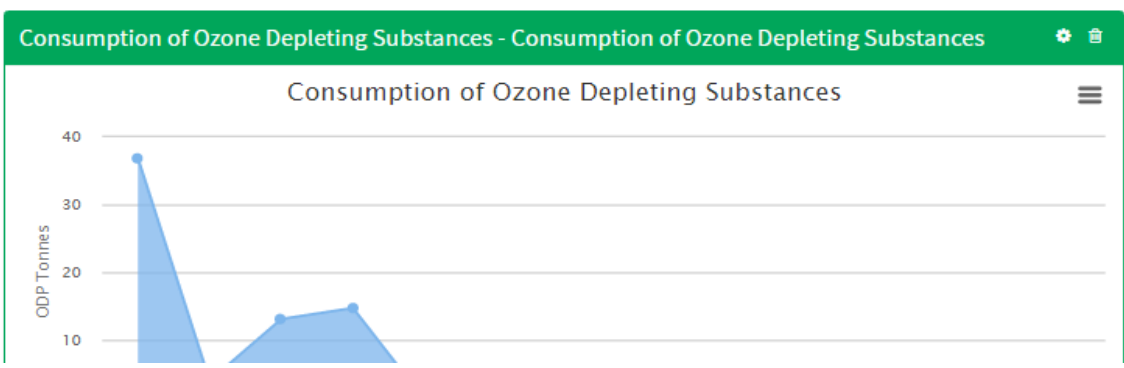
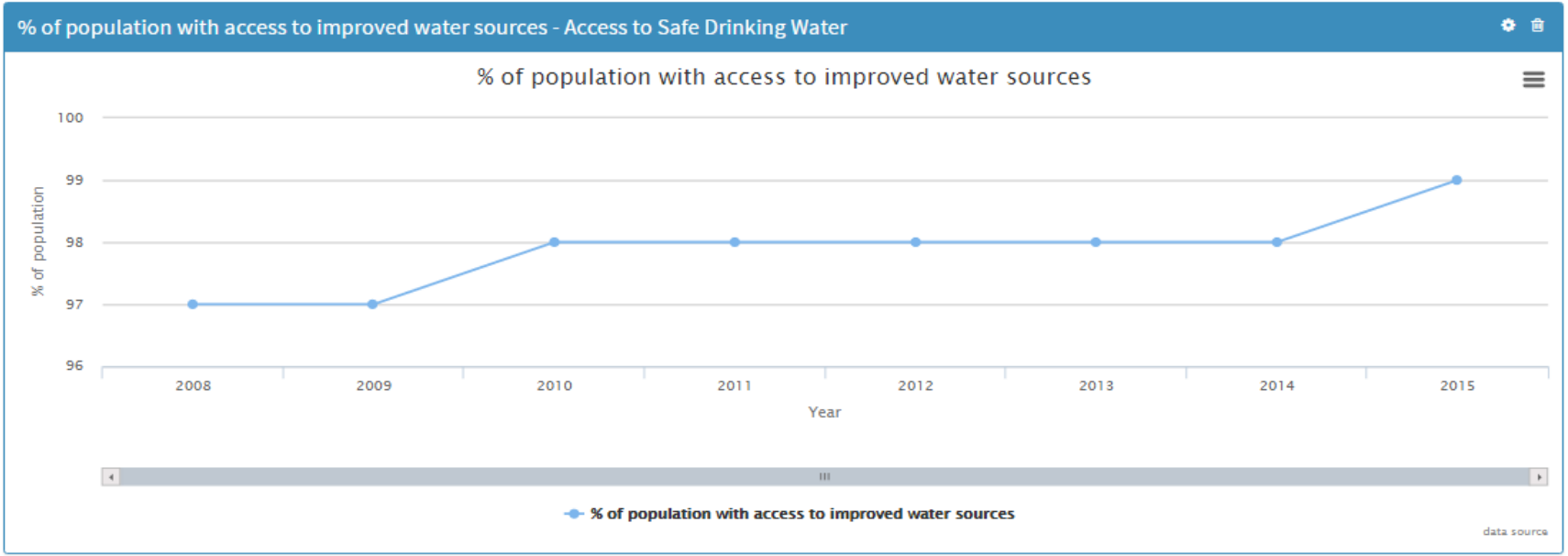
Dashboard

Default ▼

Properties

Add widget

Save active dashboard state





**UNEP Live – [uneplive.unep.org](https://uneplive.unep.org)**

**Contact us at: [uneplive@unep.org](mailto:uneplive@unep.org)**