

Somalia

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| --- |
| Terms of ReferenceWASH Market Monitoring |

## Background and Problem Statement

Cumulative and unitary droughts in Somalia have been exacerbated by the breakdown in civil administration over the last 25 years in many areas of the country, and more recently by the changing global environment, especially the el-Nino weather system. Significant portions of the Somali population experience cumulative and prolonged drought conditions, which impacts severely on an economy heavily dependent on agrarian and pastoralist livelihoods. A country already beset by large levels of internal displacement is witnessing increasing seasonal economic migration as existing livelihoods are impacted by environmental change. Concurrent with these factors, limited infrastructural investment since the collapse of centralized government in 1991 increases the vulnerability of populations to drought and other environmental phenomena.

While substantial humanitarian and development effort is made to ameliorate the negative effects of drought, actors are inhibited by insufficient information to enable the design on monitoring of interventions. The WASH Cluster Somalia has identified a lack of sufficient data on water market prices in areas experiencing cumulative and/ or prolonged drought conditions. While partners do exist in the effective areas who can potentially provide monitoring data, no system currently exists for regular and robust data collection and reporting.

To address the current information gap, WASH market baseline followed by monitoring data collection will be conducted with WASH Cluster partners, including the REACH Initiative. The market monitoring would focus on price changes, for both water and WASH items, mostly in rural areas either affected directly by drought, or by displacement as a result of drought. There is existing data on price of water for urban areas through the Food Security and Nutrition Analysis Unit, but this could be complemented further to ensure full comparability with the rural markets.

## Research Objectives

General Objective: To provide monthly assessments of price / price change of water across Somalia in order to inform planning and interventions by WASH actors and local authorities.

Specific:

1. To design a baseline WASH market survey tool that provides the ability to compare
	1. urban and rural
	2. wet and dry season
	3. general longitudinal trends
2. To provide capacity building of partners in monitoring water prices

## Research Questions

The research questions are the following:

1. Is there a difference in the price of water between urban and rural areas in Somalia?
2. How are water prices affected by wet and dry seasons?
3. How does the price of water fluctuate on a monthly basis?
4. What factors are influencing price change of water?

## Methodology

### Methodology overview

* Based on partner access and area of coverage, Key Informant Interview (KII) is conducted using mobile data collection do establish an initial baseline of existing water points that are charging for water
* Baseline data collection is followed by monthly data collection conducted through phone calls to water point administrators.
* The coverage of the WPM is expanded based on partner commitment and access.

### Population of interest

The below table is showing the current number of targeted water points by settlement/town. The population unit is individual water points. In a wider sense, the activity aims to provide information to local WASH actors, the Somalia WASH cluster and local authorities in order to respond when prices are increasing.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Regions** | **Districts** | **Town/Settlement** | **Number of water points** | **Total** |
| Nugaal | Eyl |

|  |
| --- |
| Aftugweyne |
| Bedey |
| Cambare |
| Dhiganle |
| Dihlil |
| Ladega |
| Maraya |
| Xas bahale |

 |

|  |
| --- |
| 2 |
| 2 |
| 2 |
| 2 |
| 2 |
| 2 |
| 5 |
| 2 |

 | 19 |
| Middle Shabelle | Jowhar |

|  |
| --- |
| Biyasa |
| Jowhar |
| Mahadaay |

 |

|  |
| --- |
| 3 |
| 1 |
| 3 |

 | 7 |
| Balcad | Balcad |  2 | 2 |
| Bay | Baidoa | Baidoa |  36 |  |
| Lower Juba | Afmadow |

|  |
| --- |
| Afmadow |
| Dhobley |

 |

|  |
| --- |
| 2 |
| 2 |

 | 4 |
| Kismayo |

|  |
| --- |
| Dalxiiska |
| Kismayo |

 |

|  |
| --- |
| 17 |
| 18 |

 | 35 |
| Gedo | Bardheere |

|  |
| --- |
| Bulo Cesan |
| Buulo Garas |
| Buulo Kurmaan |
| Hilaac |
| If Tiin |
| Kaskey |
| Sarinleey |
| Wadajir |

 |

|  |
| --- |
| 2 |
| 1 |
| 1 |
| 1 |
| 1 |
| 1 |
| 1 |
| 1 |

 | 9 |
|  | Ceel Waaq |

|  |
| --- |
| October |
| Burya bima |
| Buusaar |
| Ceel Waaq |
| El Banda |
| Hawl Wadaag |
| Horbaati |

 |

|  |
| --- |
| 9 |
| 1 |
| 12 |
| 5 |
| 1 |
| 5 |
| 3 |

 | 36 |
|  | Doolow |

|  |
| --- |
| Alangu |
| Beled Aamin |
| Bundogadud |
| Buurka |
| Carabo |
| Dhabad |
| Dhagaxley |
| Doolow |
| Farjanno |
| Gaawido |
| Garbolow |
| Geed Weyne Sectin |
| Hananley |
| Horseed |
| ISkooley |
| Kabasa |
| Kadhow |
| Laan Abeer |
| Malkaariyey |
| Muqlay |
| Odaa (1) |
| Odaa 2 |
| Oodan |
| Qansax oomane |
| Qoraf |
| Qurac Bilash |
| Qurac Ijaabo |
| Section 3 |
| Section 7 |
| Tuulo Jibriil |
| Unaa |
| Uunsi Weyn |
| Uusi Yereey |
| Wabari |
| War Gududo |

 |

|  |
| --- |
| 11 |
| 1 |
| 2 |
| 11 |
| 6 |
| 2 |
| 1 |
| 10 |
| 1 |
| 3 |
| 2 |
| 11 |
| 7 |
| 1 |
| 3 |
| 7 |
| 1 |
| 3 |
| 4 |
| 2 |
| 3 |
| 2 |
| 3 |
| 4 |
| 1 |
| 3 |
| 2 |
| 1 |
| 1 |
| 5 |
| 1 |
| 3 |
| 1 |
| 1 |
| 2 |

 | 122 |
|  | Garbaharreey |

|  |
| --- |
| Aboore |
| Garboharey |
| Shabeel |

 |

|  |
| --- |
| 1 |
| 1 |
| 1 |

 | 3 |
|  | Luuq |

|  |
| --- |
| Boholyaxas |
| Buulo musleey |
| Caracas |
| Dooryaanley |
| Gudey |
| Hamara |
| Hillaac |
| Luuq |
| Madina |
| Shaatilow |
| Waaberi |

 |

|  |
| --- |
| 3 |
| 1 |
| 1 |
| 1 |
| 1 |
| 3 |
| 5 |
| 4 |
| 1 |
| 1 |
| 1 |

 |  |

### Secondary data review

N/A The following secondary data sources are used for comparison and validation of findings:

* REACH IDP Settlement Assessments
* FSNAU Market Data

### Primary data collection

* Sites are identified based on partner access and availability
* Baseline data collection for each site is conducted with Key Informants (KI) by partners or REACH enumerators. KIs are thereafter interviewed on a monthly basis (at the end of each month) by REACH enumerators through phone calls.
* Data collection is taking place during the last four days of each month and is coordinated by the REACH AO and conducted by REACH enumerators.
* See tool in Annex 2

### Data analysis plan

* Daily data checks and data cleaning: REACH Assessment Officer is cleaning the data on a daily basis and provides feedback to the enumerator in case of any inconsistencies in the data. REACH GIS Officer is conducting spatial verification for newly assessed water points.
* Automated data analysis: An automated analysis has been set up in order to ensure consistency and efficiency in the data analysis.
* See Annex 1 for data analysis plan

## Product typology

|  |  |  |
| --- | --- | --- |
| **Type of Product** | **Number of Product(s)** | **Additional information** |
| Report | 0 |  |
| Situation Overview | 0 |  |
| Profile | 0 |  |
| Factsheet | 60 (annually) | 1 factsheet per region per month. Number of factsheets will change as the WPM expands to other regions |
| Presentation | 4 (anually) | Estimate of 4 presentations per year |
| Map | 60 – 100 | Included in factsheets. |
| Interactive Dashboard | 0 |  |
| Web Map | 0 |  |
| Other(s) | 0 |  |

## Management arrangements and work plan

## Roles and responsibilities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Description** | **Responsible** | **Accountable** | **Consulted** | **Informed** |
| Identifying assessment areas | Assessment Officer | Country Coordinator | WASH partners | Cluster Coordinator |
| Data collection | REACH Enumerator & WASH Partners | REACH Field Coordnator | AssessmentOfficer | Country Coordinator |
| Data cleaning | GIS Officer | Assessment Officer | REACH Field Coordnator | Country Coordinator |
| Data analysis | Assessment Officer | Assessment Officer | GIS Officer | Country Coordinator |
| Reporting | Assessment Officer | Assessment Officer | GIS Officer | Country Coordinator |

## Resources: HR, logistic and financial

* Assessment Officer: Coordinating/ Planning data collection, analysis and product production. Engaging with partners and WASH Cluster coordinator to build capacity as well as expand assessment area.
* GIS Officer: Providing support for spatial verification and map production.
* WASH Partners: Conducting baseline data collection, providing input to potential target areas and feedback on the tool, data and products.

## Work plan

* See Annex 3 for Work Plan

## Risks & assumptions

|  |  |
| --- | --- |
| **Risk** | **Mitigation Measure** |
| Errors in data collection | Errors in data can be mitigated by piloting the form, training enumerators and ensure close supervision in the field. |
| Security risks towards participants for partaking in survey/affiliating with INGO. | REACH will closely monitor security risks and community dynamics and ensure participants, are supportive of the assessment officers.  |
| Security risks towards staff | Security situation will be closely monitored and action taken in case of any change in security environment according to REACH Security policies.  |
| Population in targeted areas can be unwelcoming of the activity | This will be managed through sensitization by camp management, REACH staff and enumerators in preparation and conduction of the assessment, as well as thorough training on introductions and accountability with the enumerators. |
| Security situation in Somalia The presence of Al Shabab continues to impede any attempt of a stabilised security situation in the country. The resulting displacement following violent attacks by armed groups complicates an already serious humanitarian emergency that might impact program implementation in target areas. | Security situation in the targeted areas will be closely monitored and REACH security procedures will be followed as a response to changes in security environment. |

## Documentation plan

* ToR – Shared with Geneva
* Tools – Stored in REACH server Somalia and uploaded to KOBO.
* Raw data – stored in the Somalia WASH cluster Kobo server
* Clean data – stored in REACH resource centre
* Data Cleaning log – stored in REACH server Somalia
* Factsheets – Uploaded to REACH resource centre

## Annexes

1. Analysis plan
2. Questionnaire
3. M&E Matrix
4. Dissemination Matrix

# Annex 1: Analysis Plan

|  |  |
| --- | --- |
| **Water Price Monitoring Analysis Plan** |  |
|  |  |  |  |
|  | **Sector** | **Indicator Name** | **Disaggregation** |
| 1.01 | WASH | Number of waterpoints | region; district; waterpoint type |
| 1.02 | WASH | % of waterpoints used as water storage (refilled) | region; district; source district; source settlement |
| 1.03 | WASH | % of water treatment types used | region; district; treatment type |
| 1.04 | WASH | % of functional waterpoints | region; district; waterpoint problem |
| 1.05 | WASH | % of waterpoint administrators | region; district; administrator |
| 1.06 | WASH | Average price change | region; district; administrator |
| 1.07 | WASH | Median price change | region; district |

# Annex 2: Questionnaire (see external Annex 2 for full ODK tool)

|  |  |  |
| --- | --- | --- |
| type | name | label |
| today | date |  |
| start | start |  |
| end | end |  |
| deviceid | deviceid |  |
| begin\_group | basic\_info | Basic information |
| text | enumerator\_name | Name of the Enumerator |
| text | enumerator\_agency | Enumerator Organisation |
| text | enumerator\_phone | Enumerator Phone Number |
| select\_one assessed\_new | prev\_new\_wtp | Has this waterpoint been previously assessed? |
| end\_group |  |  |
| select\_one region | region\_prev | In which region is this interview being conducted? |
| select\_one district | district\_prev | In which district is this interview being conducted? |
| select\_one prev\_wtp | prev\_wtp | Who is the waterpoint owner? |
| calculate | wtp\_id |  |
| calculate | assessed\_last\_month |  |
| calculate | region |  |
| calculate | district |  |
| calculate | wtp\_town |  |
| calculate | wtp\_pcode |  |
| calculate | contact\_person |  |
| calculate | contact\_phone |  |
| calculate | wtp\_type |  |
| calculate | prev\_treated |  |
| calculate | prev\_treatment\_type |  |
| calculate | price\_last\_month |  |
| calculate | old\_currency |  |
| calculate | exh\_shilling |  |
| calculate | hhs\_access\_wtp\_last\_month |  |
| calculate | old\_longitude |  |
| calculate | old\_latitude |  |
| begin\_group | prev\_wtp\_info | Are the following details correct? |
| note | pulled\_wtp\_id | Waterpoint ID: ${wtp\_id} |
| note | pulled\_assessed\_last\_month | Last assessed month: ${assessed\_last\_month} |
| note | pulled\_region | Region of the waterpoint: ${region} |
| note | pulled\_district | District of the waterpoint: ${district} |
| note | pulled\_wtp\_town | Town/village of the waterpoint: ${wtp\_town} |
| note | pulled\_wtp\_pcode | PCODE of the waterpoint: ${wtp\_pcode} |
| note | pulled\_contact\_person | Name of the contact person: ${contact\_person} |
| note | pulled\_contact\_phone | Phone number of the contact person: ${contact\_phone} |
| note | pulled\_wtp\_type | Type of the waterpoint: ${wtp\_type} |
| note | pulled\_prev\_treated | Water at the waterpoint was treated last month: ${prev\_treated} |
| note | pulled\_prev\_treatment\_type | Treatment type: ${prev\_treatment\_type} |
| note | pulled\_price\_last\_month | Price last month: ${price\_last\_month} |
| note | pulled\_old\_currency | Currency used: ${old\_currency} |
| note | pulled\_exh\_shilling | Exchange rate in USD last month: ${exh\_shilling} |
| note | pulled\_hhs\_access\_wtp\_last\_month | Number of HHs accessed this waterpoint last month: ${hhs\_access\_wtp\_last\_month} |
| note | pulled\_old\_longitude | GPS Coordinates (logitude): ${old\_longitude} |
| note | pulled\_old\_latitude | GPS Coordinates (latitude): ${old\_latitude} |
| end\_group |  |  |
| select\_one yes\_no | consent | Hello, my name is ${enumerator\_name}, and I am working for ${enumerator\_agency} on behalf of the WASH Cluster Somalia. We are conducting interviews in order to monitor changes in water prices and supply in order to inform the humanitarian response in Somalia. This interview will take around 5 minutes. Do you agree to participate? |
| note | declined\_consent | If the respondent has declined consent, please end the interview and delete the form |
| begin\_group | new\_wtp\_location |  |
| select\_one country | country\_new\_wtp | In which country is this interview being conducted? |
| select\_one region | region\_new\_wtp | In which region is this interview being conducted? |
| select\_one district | district\_new\_wtp | In which district is this interview being conducted? |
| select\_one\_external settlements | settlement\_new\_wtp | Settlement/village name |
| text | settlement\_other | If other, please specify |
| end\_group |  |  |
| begin\_group | new\_wtp\_contact\_details | Contact details |
| select\_one yes\_no | new\_wtp\_contact\_details\_consent | Are you willing to give your contact details, so future checks of water prices can be conducted by phone? |
| begin\_group | contact\_full\_name | Full name of the contact person |
| text | first\_name | First name |
| text | second\_name | Second name |
| text | third\_name | Third name |
| text | fourth\_name | Fourth name |
| end\_group |  |  |
| text | new\_wtp\_contact\_phone | Contact phone number |
| end\_group |  |  |
| begin\_group | new\_wtp\_details | New waterpoint details |
| select\_one wtp\_type | new\_wtp\_type | What is the type of waterpoint? |
| text | new\_wtp\_type\_other | If other, please specify |
| select\_one yes\_no | treated\_current | Is the waterpoint treated this month? |
| select\_one yes\_no | treated\_last\_month | Was the waterpoint treated last month? |
| select\_one treated\_change\_reason | treated\_change\_reason | Why is the waterpoint treated this month and not the previous month? |
| text | treated\_change\_reason\_other | If other, please specify |
| select\_one not\_treated\_change\_reason | not\_treated\_change\_reason | Why is the waterpoint not treated this month? |
| text | not\_treated\_change\_reason\_other | If other, please specify |
| select\_one treatment\_type | treatment\_type\_current | How is the water treated this month? |
| text | treatment\_type\_current\_other | If other, please specify |
| select\_one treatment\_type | treatment\_type\_last\_month | How was the water treated last month? |
| text | treatment\_type\_last\_month\_other | If other, please specify |
| select\_one treatment\_type\_change\_reason | treatment\_type\_change\_reason | Why is there a change in the treatment from last month? |
| text | treatment\_type\_change\_reason\_other | If other, please specify |
| select\_one yes\_no | year\_round\_functions | Does this waterpoint function year-round? |
| select\_one wtp\_admin | wtp\_admin\_current | Who is adminstrating the waterpoint? |
| text | wtp\_admin\_ngo | If NGO / IO, please specify the name of the organisation |
| text | wtp\_admin\_current\_other | If other, please specify |
| end\_group |  |  |
| select\_one yes\_no | water\_storage | Is the waterpoint currently filled up with water from another source? |
| select\_one water\_filled | water\_filled | How is the waterpoint currently filled? |
| begin\_group | trucked | If trucked, where is the water brought from? |
| select\_one country | filling\_country | From which country? |
| select\_one region | filling\_region | From which region? |
| select\_one district | filling\_district | From which district? |
| select\_one\_external settlements | filling\_settlement | Settlement/village name: |
| text | filling\_settlement\_other | Please specify the settlement name |
| end\_group |  |  |
| select\_one yes\_no | wtp\_functional | Is the waterpoint fully functional? |
| select\_multiple wtp\_problems | wtp\_problems | If not, what are the 3 main problems with this waterpoint? |
| text | wtp\_problems\_other | If other, please specify |
| integer | hhs\_access\_wtp\_current | How many households access to this waterpoint (on a daily basis) this month? |
| integer | hhs\_access\_wtp\_lastmonth | How many households accessed this waterpoint (on a daily basis) last month? |
| select\_one hh\_access\_change\_increase\_reason | hh\_access\_increase\_reason | Why is there an increase in number of households access to this waterpoint since last month? |
| text | hh\_access\_increase\_reason\_other | If other, please specify |
| select\_one hh\_access\_change\_decrease\_reason | hh\_access\_decrease\_reason | Why is there a decrease in number of households access to this waterpoint since last month? |
| text | hh\_access\_decrease\_reason\_other | If other, please specify |
| begin\_group | donkey\_access\_info | Donkey trucks access |
| integer | donkey\_access\_wtp | Approximately, how many donkey trucks access to this waterpoint daily? |
| end\_group |  |  |
| select\_multiple water\_used\_for | water\_used\_for | What is the water from this waterpoint used for? |
| text | water\_used\_for\_other | If other, please specify |
| select\_one currency | currency\_current | What type of currency is mostly used in this area? |
| begin\_group | water\_price\_current | Water price |
| integer | price\_current | How much does a 20L jerry can of water cost in ${currency\_current} today? |
| integer | price\_one\_month | How much did a 20L jerry can of water cost a month ago in ${currency\_current}? |
| integer | exh\_shilling\_current | How many ${currency\_current} are there to 1 USD currently in this location? |
| integer | exh\_shilling\_one\_month | How many ${currency\_current} were there to 1 USD last month in this location? |
| end\_group |  |  |
| select\_one price\_change\_increase\_reason | price\_increase\_reason | Why is there an increase in price from last month? |
| text | price\_increase\_reason\_other | If other, please specify |
| select\_one price\_change\_decrease\_reason | price\_decrease\_reason | Why is there a decrease in price from last month? |
| text | price\_decrease\_reason\_other | If other, please specify |
| begin\_group | validation | Validation |
| image | photo | Please take a photo of the waterpoint (do not include people, unless they give consent) |
| geopoint | gps | Please take the GPS coordinates of the waterpoint, if inside hold the phone by a window or leave the building, please wait for accuracy to drop below 10 metres |
| end\_group |  |  |
| calculate | \_\_version\_\_ |  |

# Annex 3: M&E Matrix

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **IMPACT Objective** | **External M&E Indicator** | **Internal M&E Indicator** | **Methodology** | **Focal point** | **Tool** | **Research-specific information (to be filled by country team for each research cycle/ToR)** |
| **Humanitarian stakeholders are accessing IMPACT products** | Number of humanitarian organisations accessing IMPACT services/productsNumber of individuals accessing IMPACT services/products | # of downloads of WPM product from Resource Center | User monitoring | Country request to HQ | User\_log |  |
| # of downloads of WPM product from Relief Web | Country request to HQ | Y |
| # of downloads of WPM product from Country level platforms | Country team | Y |
| # of page clicks on WPM product from REACH global newsletter | Country request to HQ | N |
| # of page clicks on WPM product from country newsletter, sendingBlue, bit.ly | Country team | Y |
| # of visits to x webmap/x dashboard | Country request to HQ | N |
| **IMPACT activities contribute to better program implementation and coordination of the humanitarian response** | Number of humanitarian organisations utilizing IMPACT services/products | # references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies) | Reference monitoring | Country team | Reference\_log | **WASH cluster strategy** |
| # references in single agency documents | **?** |
| **Humanitarian stakeholders are using IMPACT products** | Humanitarian actors use IMPACT evidence/products as a basis for decision making, aid planning and deliveryNumber of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products  | Perceived relevance of IMPACTcountry-programs | Usage M&E | Country team | Usage\_Feedback *and* Usage\_Survey templaye | *Usage survey conducted in June 2017 targeting humanitarian actors in Somalia* |
| Perceived usefulness and influence of IMPACT outputs |
| Recommendations to strengthen IMPACT programs |
| Perceived capacity of IMPACT staff |
| Perceived quality of outputs/programs |
| Recommendations to strengthen IMPACT programs |
| **Humanitarian stakeholders are engaged in IMPACT programs throughout the research cycle**  | Number and/or percentage of humanitarian organizations directly contributing to IMPACT programs *(providing resources, participating to presentations, etc.)* | # of organisations providing resources (i.e.staff, vehicles, meeting space, budget, etc.) for activity implementation | Engagement Monitoring | Country team | Engagement\_log |  |
| # of organisations/clusters inputting in research design and joint analysis |   |
| # of organisations/clusters attending briefings on findings; |   |

# Annex 3: Work Plan

|  |  |  |
| --- | --- | --- |
| **Activities** | **Responsible** | **MonthlyTimeline**  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Preparation General |   |   |   |   |   |   |   |   |   |   |   |   |
| Update Tool (survey & pull data) | AO |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |
| Upload tool to Kobo server | AO |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |
| Prepare contact list | AO |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |
| Share contact list | AO |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |
| DW request | FC |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |
| Data Collection |   |   |   |   |   |   |   |   |   |   |   |   |
| Data collection | FC/enumerator |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x | x | x | x |
| Data checks | GIS/AO | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x | x | x |
| Data cleaning | GIS/AO | x | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | x | x | x |
| Product preparation |   |   |   |   |   |   |   |   |   |   |   |   |
| Maps | GIS |   |   | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Analysis | AO |   |   | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Data merge | AO |   |   | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Factsheet production | AO |   |   | x | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Clean data for publishing | AO |   |   | x | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Product Validation |   |   |   |   |   |   |   |   |   |   |   |   |
| Share FS with Geneva | AO |   |   |   | x | x | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Share clean data & cleaning log with Geneva | AO |   |   |   | x | x | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Dissemmination | AO |   |   |   |   |   |   | x |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

# Annex 4: Dissemination Matrix

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| **WASH Cluster - Water Price Monitoring** |
| **General Objective: To provide monthly assessments of price / price change of water across Somalia in order to inform planning and interventions by WASH actors and local authorities** |  |
| **#** | **Products** | **Message** | **Stakeholders** | **Means of dissemination** | **Purpose** | **Responsible** | **Timeframe** |
| **1** | **Factsheets** | If water prices are fluctuating and/or if there is a great difference in price between water points within a given district, the WASH Cluster should advocate for a price cap.If water prices increase due to drought and/or displacement, WASH actors should plan interventions.  | Somalia humanitarian communityCluster partner agencies and decision makers | WASH Cluster mailing listREACH Somalia mailing list through SendInBlueREACH Resource centre | Inform action: Inform humanitarian community (WASH actors in particular) to influence response | REACH Assessment Officer | Monthly |
| **2** | **Clean Data**  | If water prices are fluctuating and/or if there is a great difference in price between water points within a given district, the WASH Cluster should advocate for a price cap.If water prices increase due to drought and/or displacement, WASH actors should plan interventions.  | Somalia humanitarian communityCluster partner agencies and decision makers | WASH Cluster mailing listREACH Somalia mailing list through SendInBlueREACH Resource centre | Inform action: Inform humanitarian community (WASH actors in particular) to influence response | REACH Assessment Officer | Monthly |