

IRC

unicef



Sustainability checks and plans for small towns in the ONEWASH Plus Programme

Marieke Adank (IRC)

Supporting water sanitation
and hygiene services for life

Content

ONEWASH Plus programme

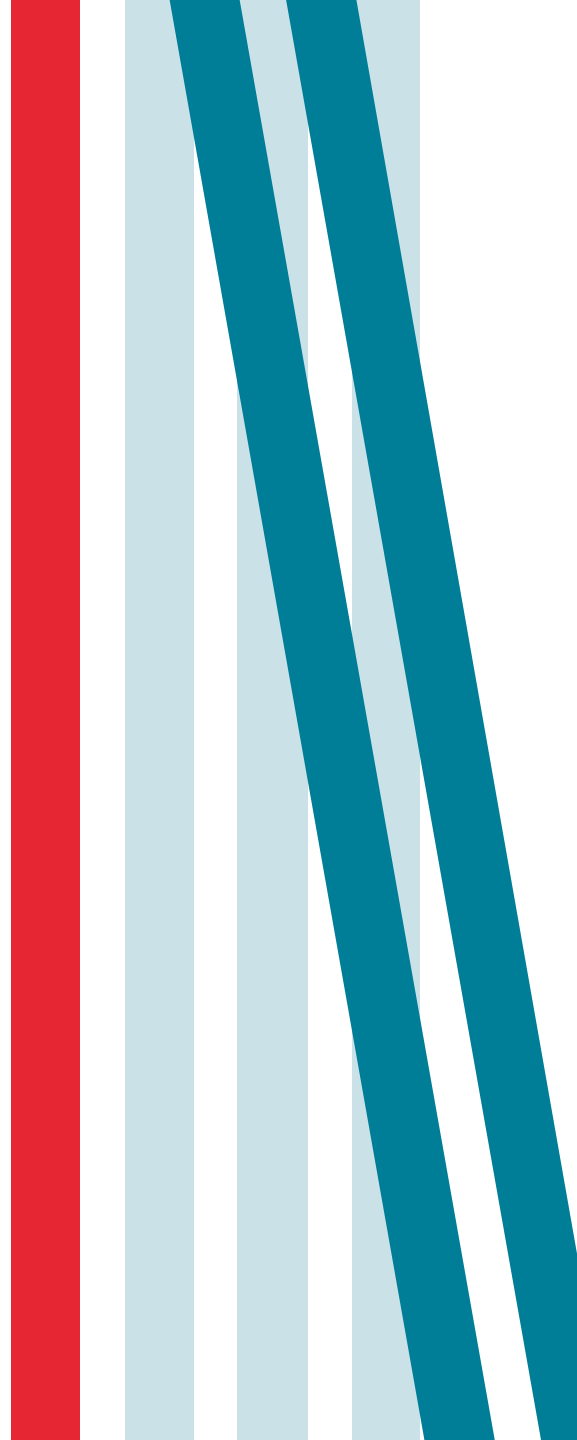
Sustainability check framework

Results from sustainability check 2015

Use of the results of the sustainability checks

Sources of the data

Key messages



ONEWASH Plus programme

Add-on to One WASH National Programme (OWNP)

Implemented by: Unicef

Funded by: UKAid

Focus: Small town and satellite villages and institutional WASH

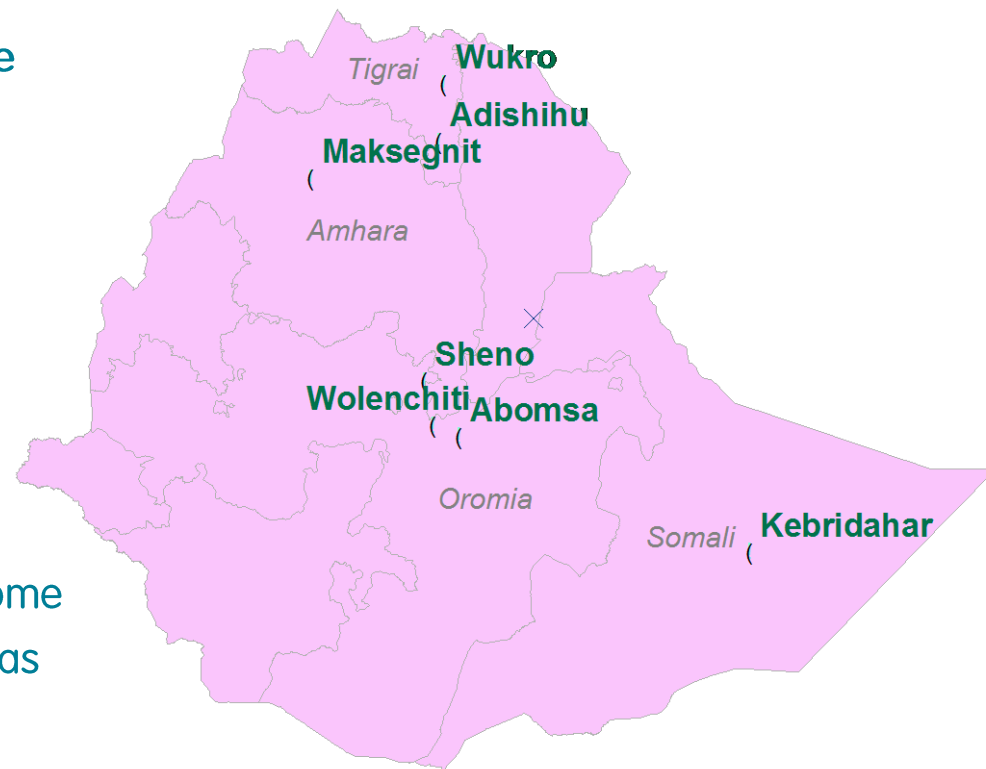
Interventions:

- Water supply
- Sanitation and hygiene
- Institutional WASH / WASH away from home

Location: 8 towns and surrounding rural areas

Regions: Amhara, Oromia, Tigray, Somali

Project period: 2014-2018





Sustainability checks provide insight into:

Status of service provision: Is service provision in line with norms and standards?

Sustainability: Are the conditions for sustainable WASH service provision in place?



The sustainability check framework

Provided services

Coverage of improved services

Functionality

Services in line with national norms and standard

Conditions for sustainable service provision

Service
provider
level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

Service
authority
level
(woreda/region)

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

National level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

3 Levels

5 sustainability factors

The sustainability check framework

Provided services

Coverage of improved services

Functionality

Services in line with national norms and standard

Conditions for sustainable service provision

Service
provider
level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

Service
authority
level
(woreda/region)

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

National level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

3 Levels

5 sustainability factors

The sustainability check framework

3 Levels

5 sustainability factors

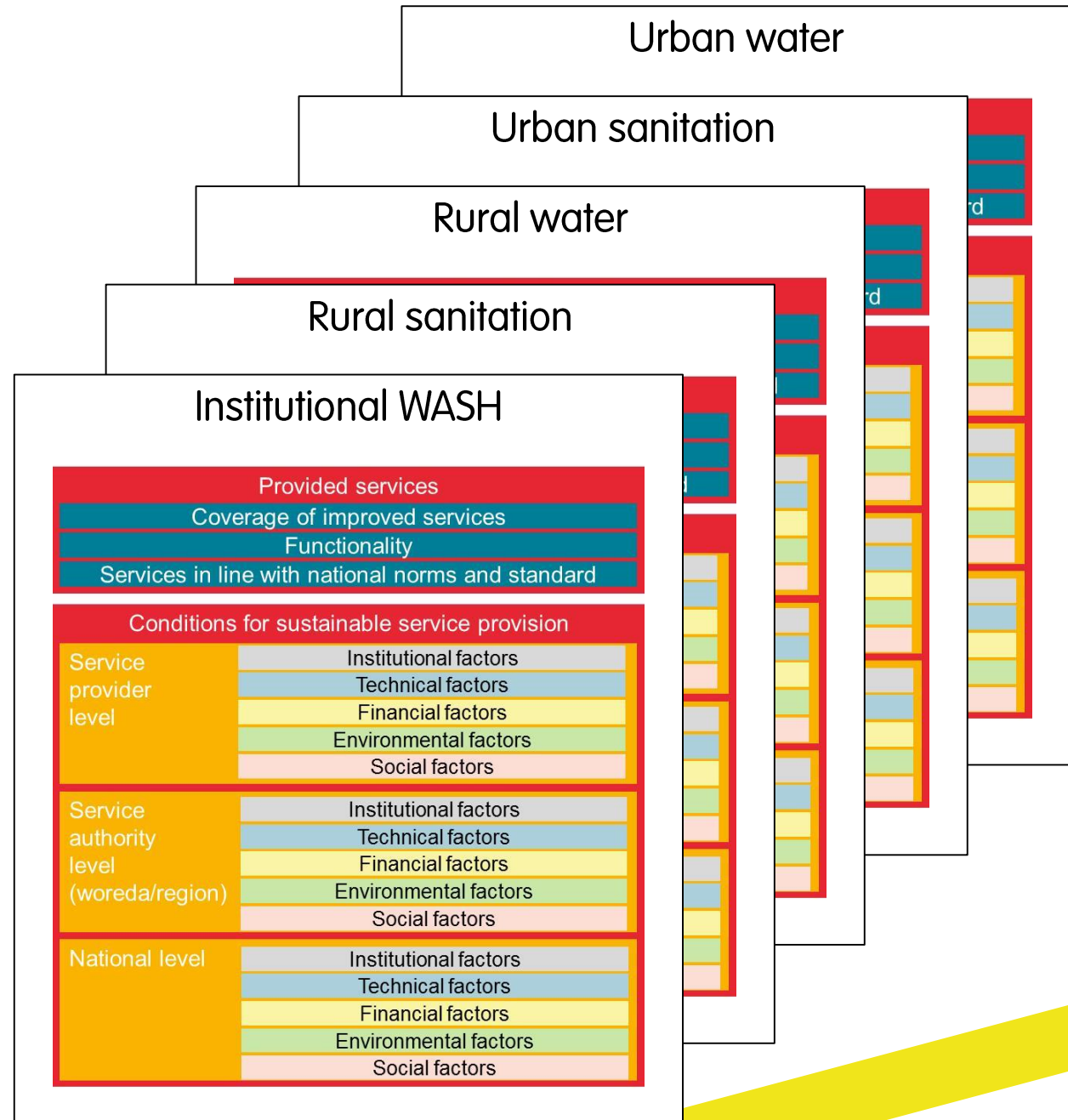
Provided services	
Coverage of improved services	
Functionality	
Services in line with national norms and standard	
Conditions for sustainable service provision	
Service provider level	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors
Service authority level (woreda/region)	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors
National level	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors

The sustainability check framework

3 Levels

5 sustainability factors

5 WASH services

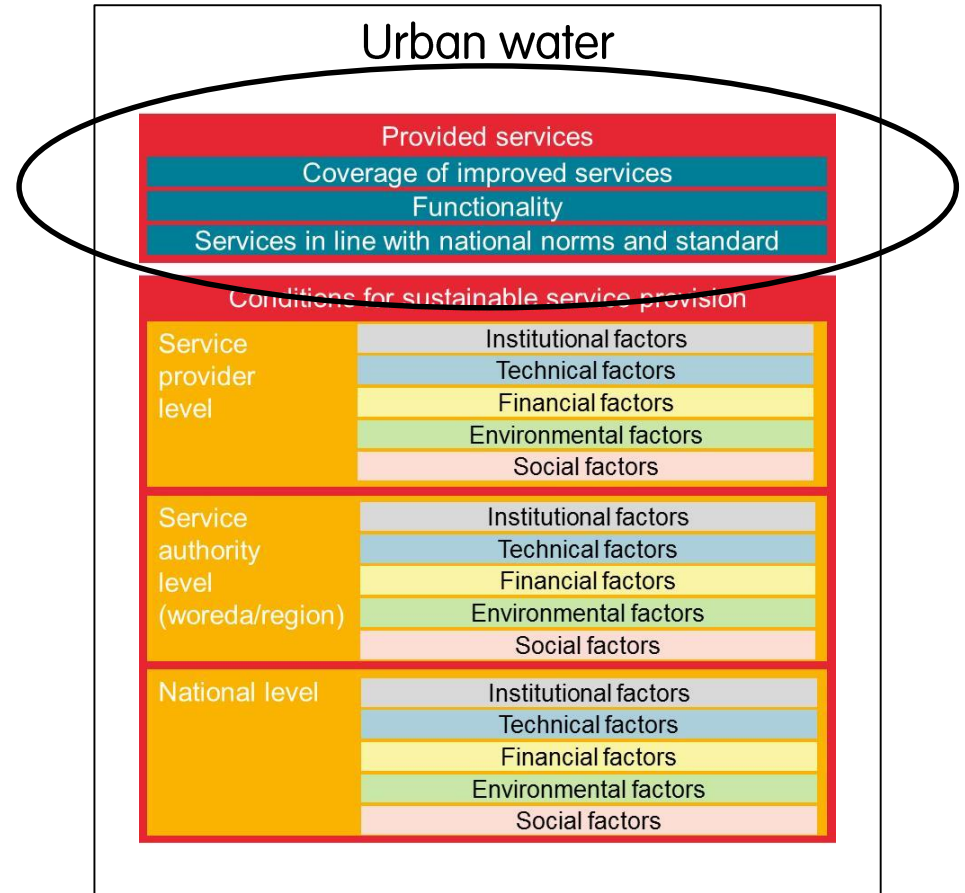


The sustainability check framework

Coverage

Functionality

Service level



The need to look beyond coverage

Findings from 2015 sustainability check: Provided urban water services



- 12% no improved access
- 48% improved access, but water use <20 lpcd
- 32% improved, water use at least 20 lpcd, but unreliable, not within 500 m or unacceptable quality
- 8% improved access with water use at least 20 lpcd of reliable water of acceptable quality within 500m.
- 2% improved access with water use in line with GTP2 within 250m.

Findings from 2015 sustainability check: Provided urban water services

	Maksegnit	Abomsa	Sheno	Welenchiti	Kebridehar	Adishihu	Wukro	Total
Improved water supply coverage	97%	98%	97%	100%	30%	96%	99%	88%
Functionality public taps	73%	100%	82%	57%	18%	82%	75%	68%
Basic services Proportion of people accessing basic services of at least 20 lpcd of reliable water with acceptable quality and accessibility.	0%	7%	11%	1%	4%	7%	20%	8%
Basic services Proportion of public standpipes providing basic services of at least 20 lpcd of reliable water with acceptable quality and accessibility.	0%	0%	0%	0%	0%	0%	0%	0%

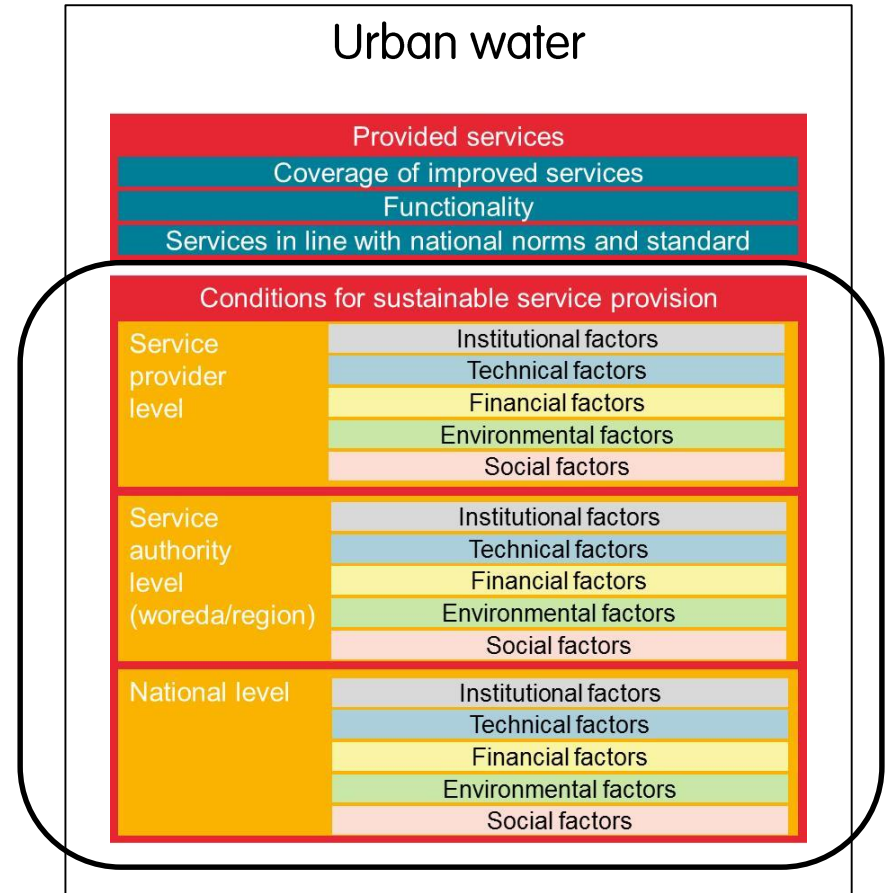
The sustainability check framework

Conditions for sustainable service provision

3 Levels

5 sustainability factors

Multiple indicators



Conditions for sustainable service provision – Urban Water indicators

Service provider level

I	Effective Utility Management
I	Staff Efficiency
I	Effective Water Board (WB)
I	Town Water Utility staffing
T	Availability of information on quality of infrastructure
T	Non revenue water
T	Adequate supply of spare parts for minor maintenance (pipes, fittings etc)
T	Effective maintenance system in place
T	Water quality management and desinfection
F	Cost Recovery
F	Effective financial management
F	Effective asset management
F	Effective billing and collection
E	Sanitary inspection of sources
E	Sanitary Inspection (SI) public fountains
S	Urban poor get affordable water

Service authority level

I	Sufficient capacity at regional and zonal level to provide support to TWUs
T	Effective provision of technical support to the TWU
T	Checks on construction quality
E	Catchment management system in place

National level

I	National monitoring system or database
I	National support to Regional, Zonal and Woreda/service authority, including capacity building training and technical backup
I	Urban regulatory agency
T	National/regional standard/guideline/norms for urban water service provision
F	Availability of national budget related to urban water supply
E	National environmental protection standards are established and applied to town water services

The sustainability framework

Scoring: Use of micro-scenarios

Example for Urban water scoring on institutional indicators:

Effective Utility Management	No Utility = score 0	Utility in place = score 25	Utility with three core department (Operation, Finance, Customer) = score 50	Utility with three core department and signed performance agreement = score 75	Utility with three core department and signed and implemented performance agreement = score 100
-------------------------------------	---------------------------------	--	---	---	--

Sufficient capacity at regional and zonal level to provide support to TWUs	Region has no dedicated section for supporting TWU = score 0	Region has dedicated section for supporting TWU, but not adequate staff. = score 25	Region has dedicated section for supporting TWU, with adequate staff. = score 50	Region has dedicated section for supporting TWU, with adequate staff and logistics and budget. = score 75	Region has dedicated section for supporting TWU, with adequate staff, logistics, budget and systems (guidelines etc). = score 100
---	---	--	---	--	--

Urban regulatory agency	No regulatory agency = score 0	Regulatory agency with weak capacity = score 25	Regulatory agency with adequate capacity = score 50	Regulatory agency with capacity and regulations = score 75	Regulatory agency with capacity and regulations enforced = score 100
--------------------------------	---	--	--	---	---

Findings from 2015 sustainability check:

Sustainability scores indicator per town

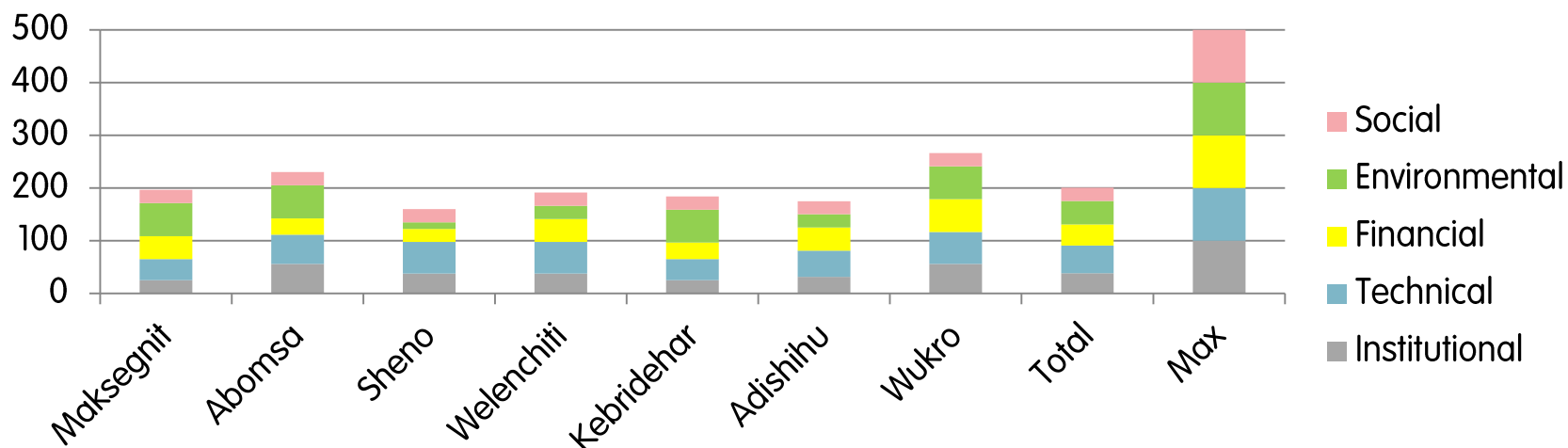
	Service provider Indicator	Maksegnit	Abomsa	Sheno	Welenchiti	Kebridehar	Adishihu	Wukro	Total
I	Effective Utility Management	50	50	50	50	50	25	50	46
I	Staff Efficiency	0	50	75	50	25	50	75	46
I	Effective Water Board (WB)	50	100	25	25	25	50	75	50
I	Town Water Utility staffing	0	25	0	25	0	0	25	11
T	Quality of infrastructure	25	75	75	75	75	0	25	50
T	Non revenue water	25	75	100	75	0	0	0	39
T	Adequate supply of spare parts for minor maintenance	25	25	50	50	25	75	75	46
T	Effective maintainance system in place	100	100	75	100	75	100	100	93
T	Water quality management and desinfection	25	0	0	0	25	75	100	32
F	Cost Recovery	50	50	50	50	50	50	50	50
F	Effective financial management	50	25	25	50	0	75	100	46
F	Effective asset management	25	0	0	0	0	0	0	4
F	Effective billing and collection	50	50	25	75	75	50	100	61
E	Sanitary inspection of sources	100	100	0	25	100	0	100	61
F	Sanitary inspection public foundatins	25	25	25	25	25	50	25	29
S	Urban poor get affordable water	25	25	25	25	25	25	25	25

	Service authority Indicator	Maksegnit	Abomsa	Sheno	Welenchiti	Kebridehar	Adishihu	Wukro	Total
I	Sufficient capacity at regional and zonal level to	50	50	50	50	25	75	75	54
T	Effective provision of technical support to the TWU	50	50	50	50	25	50	50	46
T	Checks on construction quality	50	50	50	50	50	75	75	57
E	Catchment management system in place	0	0	0	0	0	0	0	0

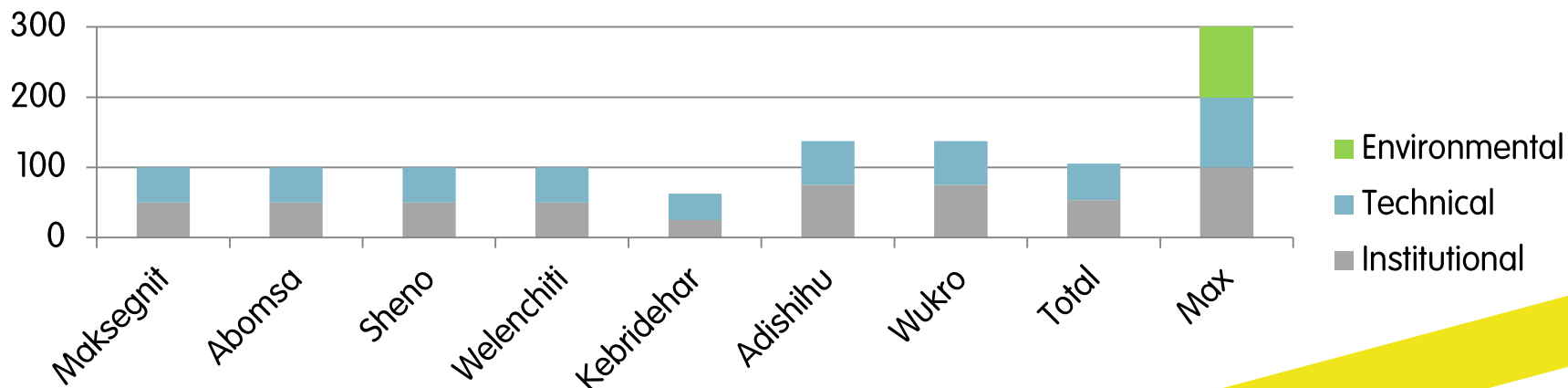
	Natioanl level Indicator								
I	National monitoring system or database					25			
I	National support to Regional, Zonal and					25			
I	Urban regulatory agency					0			
I	National/regional standard/guideline/norms for urban					50			
F	Availability of national budget related to urban water					25			
E	National environmental protection standards are					25			

Results: Average sustainability scores

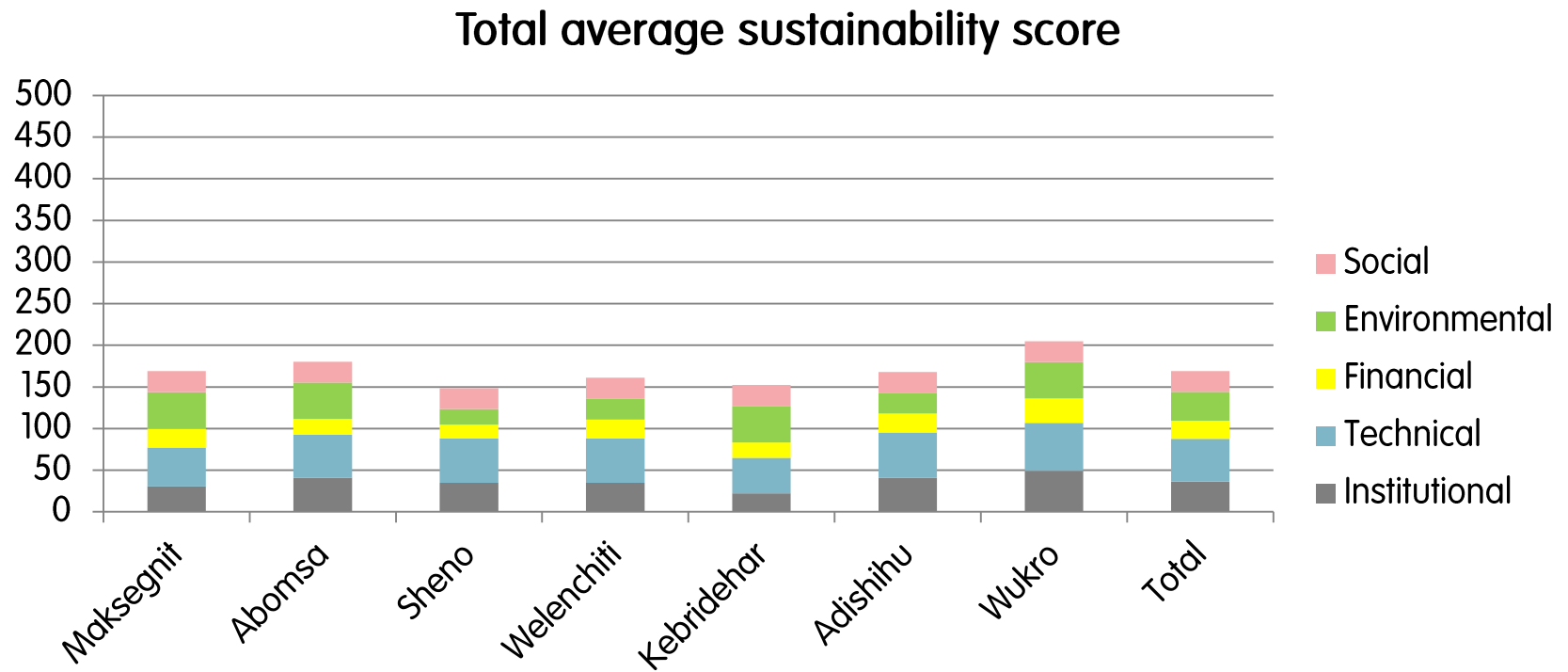
Average sustainability score – service provider level



Average sustainability score – service authority level



Results: Average sustainability scores



Outputs

- Sustainability check report 2015
- 7 Town audit statements 2015
 - Sustainability check results
 - Highlights of proposed actions



From sustainability check to sustainability plans

Sustainability plans are:

- Lists of interventions and measures that are designed to address the shortcomings in areas of sustainability factors, which would lead to sustainable services.
- Sustainability plans include:
 - What and how? List of actions and interventions
 - Who? Assigning responsible body to undertake the actions
 - When? Time schedule for actions to be taken
 - Budget and financing

From sustainability check to sustainability plans

- 2 workshops:
 - Addis Ababa: Oromia and Somali towns, municipalities, regions
 - Mekele: Amhara and Tigray towns, municipalities, regions

In the workshop:

- representatives from the Town, woreda and region **verified and discussed sustainability check results** (the identified critical issues)
- Town/woreda level relevant institutions **prepared plans** to address the critical sustainability gaps
- The plans were reviewed by the ONEWASH Plus monitoring team to create uniformity, consistency and fill the gaps.
- Plan submitted for Unicef to be passed to regions/towns/woredas for follow up

So how are sustainability checks used?

- To inform planning and spark action
- To inform ONEWASH Plus Programme interventions
- To measure and report progress of the ONEWASH Plus Programme
- To strengthen accountability of the implementer of the programme (Unicef) towards the donor (UKAID)

Potential other (future?) uses when applied at scale (beyond project level):

- Inform regulation of WASH services
- Inform policy and best practices

Where does the data come from?

Now (OneWASH Plus Programme)

Provided services

Coverage of improved services

Functionality

Services in line with national norms and standard

Baseline-midline-endline household survey

Annual urban water scheme, water point survey, institutional WASH surveys

Conditions for sustainable service provision

Service
provider
level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

Service
authority
level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

National level

Institutional factors

Technical factors

Financial factors

Environmental factors

Social factors

Annual service provider surveys (Town Water Unity, WASHCos, Schools, Health facilities, Prisons, Public latrine operators, Waste Collectors)

Annual service authority surveys (Municipal and Woreda Water Office, Municipal and woreda Sanitation Office, Municipal / woreda education OfficeTown, Municipal / woreda Health Office, Regional Water, Education and Health Bureaus)

Annual National level scoring

Where does the data come from?

Ideal future situation

Provided services	
Coverage of improved services	
Functionality	
Services in line with national norms and standard	

CSA
OWNP monitoring system

Conditions for sustainable service provision	
Service provider level	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors
Service authority level (woreda/region)	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors
National level	Institutional factors
	Technical factors
	Financial factors
	Environmental factors
	Social factors

OWNP monitoring system
(capacity indicators)

Annual self scoring by towns, woredas and regions, making use of OOWNP monitoring system data (capacity indicators)

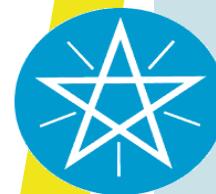
Annual National level scoring with links to other enabling environment assessments (e.g. GLAAS, Bottleneck analysis, etc)

Key messages and questions

- Use of **sustainability checks** beyond monitoring programme progress and accountability -> informing planning and action
 - Will this lead to better and more sustainable services?
- Sustainability checks can **inform OWNP monitoring system** (especially on service levels and capacity / enabling environment monitoring)
- Could projects and programmes in future **use the OWNP monitoring system to get data** for their sustainability monitoring?
 - Less costs for projects -> projects and programmes to contribute to OWNP monitoring?

IRC

unicef



Thank You

Visiting address
Bezuidenhoutseweg 2
2594 AV The Hague
The Netherlands

Postal address
P.O. BOX 82327
2508 EH The Hague
The Netherlands

T +31 70 3044000
F +31 70 3044044
info@ircwash.org
www.ircwash.org

Information available:

<http://www.ircwash.org/projects/onewash-plus?tab=info>

Supporting water sanitation
and hygiene services for life