

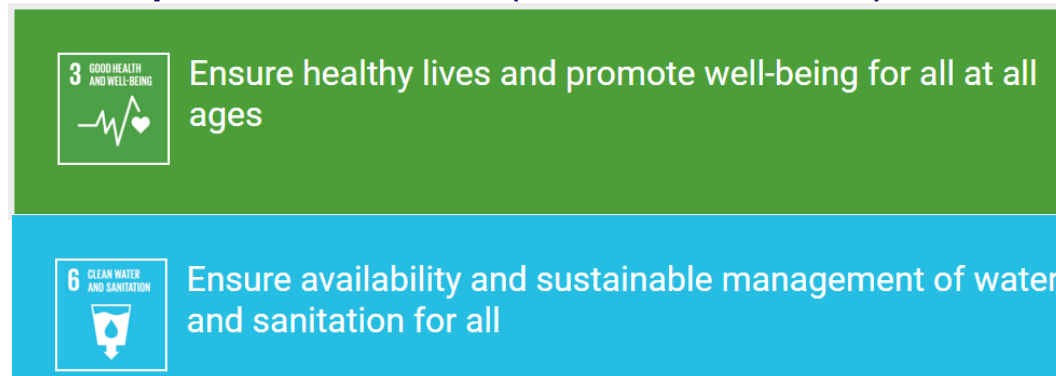
WHO global activities on health care waste management

ISWA Working Group meeting in London
- April 2016 -

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Water, Sanitation and Hygiene (WASH) at WHO

- A target of universal basic coverage of WASH in health care facilities by 2030 is included in the post-2015 UN Sustainable Development Goals (SDG3, SDG6):



- Urgent action is needed to improve Water, Sanitation and Health (WASH) services and practices in health care facilities:
 - including on-site improved water source accessible to all users at all times, adequate, functioning and accessible toilets, separated by gender, for staff, patients and visitors, functioning handwashing stations near all toilets and points of care and **safe health care waste management including segregation, collection, transport, treatment and waste disposal.**

Knowledge Portal

WASH IN HEALTH CARE FACILITIES

Global action to provide universal access by 2030

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Water, sanitation and hygiene (WASH) in health care facilities are fundamental for the provision of quality, people-centered care. Such services also reduce health care-related infections, increase trust and uptake of services, increase efficiency and decrease cost of service delivery and improve staff morale. All major initiatives to improve global health depend on basic WASH services in health care facilities.

In low- and middle-income countries, WASH services in many health care facilities are absent. Data from 54 countries, representing 66,101 facilities show that 38% of health care facilities do not have an improved water source, 19% do not have improved sanitation and 35% do not have water and soap for handwashing. This lack of services compromises the ability to provide safe and quality care and places both those providing and those seeking care at considerable and preventable risk.

Urgent action is needed to improve WASH services and practices in health care facilities. WHO, UNICEF and partners committed at a global meeting in March 2015 to address the situation.

The vision is to provide access to WASH services in all facilities, in all settings by 2030, with a special attention to the needs of women, girls and children.

News & events

17-19 October 2016
ICM Africa Regional Conference (Lesotho; 17-21st October 2016)

20-24 August 2016
Inter-American Congress of Environmental and Sanitary Engineering (Cartagena, Colombia; 20-24th August 2016)

18-20 May 2016
69th World Health Assembly (Geneva; 18-26th May 2016)

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Tweets by @WASH_FOR_HEALTH

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sanwatforali @sanwatforali
Accès à l'eau potable : un calvaire pour la population de #Bamako #Mali bit.ly/225A3wf



WASH IN HEALTH CARE FACILITIES

Global action to provide universal access by 2030

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Publications Tools Links Presentations Case studies FAQs

Publications

Explore a range of publications relating to WASH in health care facilities

Tools

Download examples of WASH in health care facilities assessment tools

Links

A selection of external sources of information on WASH in health care facilities

Presentations

Find presentations covering a range of topics relating to the four task teams

Case studies

See where efforts to improve WASH in health care facilities have been carried out

FAQs

Get answers to a set of frequently asked questions



World Health Organization



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● <http://www.washinhcf.org/>

Global Action Plan on WASH

- WHO, UNICEF and partners committed at a global meeting in March 2015 to address urgent need to improve WASH services.
- Result: Global Action Plan on WASH which includes HCWM elements
- Vision: By 2030, to ensure that every health care facility, in every setting, has safely managed, reliable water, sanitation and hygiene facilities and practices to meet staff and patient needs in order to provide quality, safe people-centered care.

Global Action Plan: Vision, Task Teams and Activities

ADVOCACY AND POLICY		MONITORING	EVIDENCE AND RESEARCH	STANDARDS AND FACILITY IMPROVEMENTS
Change Objective 1	Change Objective 2	Change Objective 3	Change Objective 4	Change Objective 5
<p>Aim: To advocate for global and national action to improve WASH in health care facilities and support leaders dedicated to this effort.</p> <p><i>Activities</i> Document national case studies including processes and change mechanisms for improving WASH in health care facilities.</p>		<p>Aim: To develop, test and revise core and expanded indicators to track WASH in health care facilities.</p> <p><i>Activities</i> Core and expanded indicators incorporated into all relevant WASH and health monitoring and accountability mechanisms.</p>	<p>Aim: To draw on and extend the evidence base to support increased investments, quality improvements and advocacy efforts.</p> <p><i>Activities</i> Develop priority operational research agenda and seek opportunities to address the evidence gaps.</p>	<p>Aim: To develop a suite of field-tested tools, training and reference materials for a variety of facilities and settings.</p> <p><i>Activities</i> Support regular training and competency assessments for all health facility staff including cleaners and health care workers.</p>



**World Health
Organization**

Task Team activities

- **The advocacy team:** create positive messaging for inclusion in nationally relevant materials, disseminate WASH standards, and campaign for better WASH services.
- **The monitoring team:** finalise a set of harmonized indicators and implement these in key tools, surveys and HMIS.
- **The research team:** conduct burden of disease and systematic reviews, costing analyses, qualitative research on hygiene behaviour, and an evaluation of tools and training.
- **The facility-based improvements team:** revise WASH FIT, review technology options and associated costs, make suggestions for appropriate training and education approaches and review innovative financing options.

Past HCWM Activities of WHO

- Conducting HCWM assessments and monitoring (national level)
- Technical Support on the development of national Policies, Strategies and Regulations (GAVI supported: Africa, Eastern Mediterranean, the Americas, South East Asia, Western Pacific, Europe, and Central Asia)
- Conducting Case Studies and pilot projects (e.g. Kyrgyzstan, Albania, Georgia, Ukraine)
- Providing sharp boxes for immunization (standard package)



HCWM Knowledge Portal

HCWM
HealthCare Waste Management



BasicsCountry levelHC facilitiesResources

News

24.02.2015
Training modules in health-care waste management »

24.07.2013
New edition of the «Blue Book» »

25.11.2011
The different types of HCW and their health impact »

Documents

2013
Safe Management of Wastes from Health-Care Activities (second version) »

2012
Compendium of Technologies for the Treatment/Destruction of Healthcare Waste »

Guidance for healthcare waste management in LICs



Healthcare waste (HCW) is a by-product of healthcare that includes sharps, non-sharps, blood, body parts, chemicals, pharmaceuticals, medical devices and radioactive materials.

Poor management of HCW exposes healthcare workers, waste handlers and the community to infections, toxic effects and injuries.

WHO Programme activities include developing technical guidance materials for assessing the quantities and types of waste produced in different facilities, creating national action plans, developing national healthcare waste management (HCWM) guidelines and building capacity at national level to enhance the way HCW is dealt with in low-income countries (LICs).

Website structure and navigation

The website is split in three main sections:

- **basics** » provides an overview about HCW and its proper management;
- **country level** » and **HC facilities** » is where information relevant to the five main thematic (management, training, regulatory and financial issues as well as technologies) can be found;
- **resources** » has five databases that provide relevant documents, links, technologies, country information and case studies.

To be kept informed of the latest updates, subscribe to our [RSS feeds](#) ».

If you have any remarks, suggestions or have some piece of information you believe should be posted on this website, please contact: [hcwaste\(at\)who\(dot\)int](mailto:hcwaste(at)who(dot)int)

Documents »

» WHO core principles for achieving safe and sustainable management of health-care waste
[download PDF](#) »



● <http://www.healthcare-waste.org/>

WHO HCWM Docs: Developed Policies, Strategies, Plans

- Policies
 - Policy Paper: Safe Healthcare Waste Management
 - Policy Paper: Mercury in Health Care
 - AIDE-MEMOIRE for a national strategy for health-care waste management
- General strategic documents;
 - WHO core principles for achieving safe and sustainable management of health-care waste
 - Better health care waste management: An integral component of health investment
- Documents aiming the national level
 - National Steering Committees and National Working Groups for Health-Care Waste Management Policy Development and Planning
 - Health-care waste management: Guidance for the development and implementation of a National Action Plan
 - Preparation of national health-care waste management plans in sub-saharan countries: a guidance manual
- Management of solid health-care waste at primary health-care centres: A decision-making guide

WHO HCWM Docs: Guidance

- General guidance
 - Safe Management of Wastes from Health-Care Activities (second version)
 - Health through safe health care: safe water, basic sanitation and waste management in healthcare settings
- Fact Sheets and Poster
 - Health-care waste management - Fact sheet n° 281
 - Waste from health-care activities - Fact sheet n° 253
 - Ebola Virus disease (EVD) – Key questions and answers concerning health care waste
 - Management of waste from injection activities - Poster
- Specific Guidance
 - Review of health impacts from microbiological hazards in health-care wastes
 - Managing Health Care Waste Disposal
 - Guidelines for Safe Disposal of Unwanted Pharmaceuticals in and after Emergencies
 - Management of wastes from immunisation campaign activities. Practical guidelines for planners and managers
 - Management of waste from injection activities at district level: guidelines for district health managers
 - Mercury in health care
 - Technical Guideline: Replacement of mercury thermometers and sphygmomanometers in health care



WHO HCWM Docs: Tools

- HCWM - Rapid Assessment Tool (RAT). Second edition.
- HCWM - Costing Analysis Tool (CAT / ECAT)
- Training modules in health care waste management (25 modules)
(http://www.who.int/water_sanitation_health/healthcare_waste/training_modules_waste_management/en/)
- Unpublished tools
 - Basic 3-day training on healthcare waste management – CIS Countries
 - Transport Guideline for infectious waste UN 3291
 - Electronic Monitoring Tool for healthcare waste management

Collaboration with UNDP: GEF project

- Target Countries:
 - Ghana, Madagascar, Tanzania, Zambia
- Components
 - Capacity building and awareness on HCWM and mercury phasing out
 - Improving of policy and regulatory frameworks, coordination, budgeting and for HCWM and mercury
 - Introduction of BEP and BAT approaches for HCWM and support the phase-out of mercury at facility level
- WHO input:
 - Strengthening policy
 - Technical capacity building
 - Skill development

Collaboration with ISWA

- Collaboration Plan for 2015 – 2017
 - mutually agreed three year plan for collaboration, the results of which are reviewed by the WHO Executive Board once every three years
- Objective: to promote the safe management of healthcare waste worldwide and to reduce the impact of waste related activities on public health

Plan for collaboration 2015 - 2017

- **Activity 1 – “Safe Management of Wastes from Health-Care Activities” (finalized)**
- **Activity 2 – WHO participation in the ISWA Working Group on Health Care Waste**
- **Activity 3 – ISWA...**
 - Provides technical advice to WHO through its working group and its experts.
 - provide expert knowledge and are available for participation in training, workshops and conferences at international, regional and national level.

Activity Plan?

Expected deliverable (add as many as needed)	Timeframe		Resp. for implementation	Budget USD
	Start	End		
<ul style="list-style-type: none"> Contribute to technical content and support drafting of the documents Review of Publication Dissemination of Publication via ISWA channels 	Q1 2015	Q4 2017	As this is a WHO publication, WHO is responsible for implementation. ISWA will support by identifying experts to contribute to the content of fact sheets through their Working Groups and Networks	In-kind
<ul style="list-style-type: none"> Support of the “healthcare-waste.org” site Inclusion of key WHO publications in the ISWA online knowledge platform; ISWA waste pedia and other relevant ISWA communication channels 	Q1 2015	Q4 2017	ISWA WG-Healthcare Waste Chair and ISWA General Secretary	In-kind
<ul style="list-style-type: none"> Updates provided by WHO on activities and projects relating to the management of healthcare waste Communication with WHO on ISWA projects and activities relating to Healthcare Waste Management ISWA to allocate some time for one person to provide periodic support on joint activities. 	Q1 2015	Q4 2017	ISWA WG-Healthcare Waste Chair and ISWA General Secretary	In-kind

Collaboration areas: Outlook

- Sharing of information:
 - Input to the healthcare waste / WASH webpage: Case studies, equipment etc.
- Participating in the task teams on the WASH Global Action Plan to advocate hcwm
- Monitoring
 - As part of SDG 6 on WASH
 - Within national health facility assessment surveys (e.g. SARA)
 - Within health management information systems (HMIS)
- Development of technical documents
- Financial support for the translation of the “Blue Book”?

Way forward

- Providing input on HCWM to the WHO web pages: case studies, etc.
- ISWA members part of the task teams of the Global Action Plan on WASH (one member for each task team)
- Supporting WHO to develop technical documents on HCWM:
 - Compendium on HCWM treatment / disposal systems
 - Short guideline on HCWM (Blue Book summary)
 - ?

Thank You



For more information and to get involved contact:

washinhcf@who.int

WASH in health care facilities knowledge portal:

www.washinhcf.org

Health care Waste Management on WHO portal:

www.healthcare-waste.org