

Folder eCC_00027437 is in stage Annual_Report_Review

Name of the University, Hospital, Research Institute, Academy or Ministry

University of Queensland

Name of the Division, Department, Unit, Section or Area

Children's Health and Environment Program, Child Health Research Centre (CHRC), Faculty of Medicine

City Brisbane **Reference Number** AUS-111

Title WHO Collaborating Centre for Children's Health and the Environment

Report Year 10-2022 to 10-2023

1. Annual report on the agreed workplan

Describe progress made on the agreed workplan. For each activity, detail (1) the actions taken, (2) the outputs delivered, as well as (3) any difficulties that may have been encountered. Three responses are expected. [maximum 200 words per activity]. Indicate, if an activity has been completed previously, has not yet started or has been placed on hold.

Activity 1

Title: To provide technical support to WHO on the development of health workforce competence for delivering on Children's Environmental Health (CEH).

Description: To support improvement of the health workforce competencies in CEH across all services sectors, a set of core competencies will be developed that will be a companion to the WHO Training Package. These competencies will augment the WHO Training Package implementation described in Activity 33148.

As online courses are needed to maximise the number of professionals able to be trained, and to ensure access to training for professionals in rural and underserved areas, WHO is partnering with UNICEF in adapting the Training Package into an open access web platform. GPW 13 output 3.1.2: Countries enabled to address environmental determinants of health, including climate change.

Status: not yet started

This activity is scheduled to start in 2024. Peter Sly is developing a training program to educate paediatricians, especially from LMICs, in CEH. This program, being developed in conjunction with Marie-Noel Brune Drisse (Geneva), Akeen Ali (Seoul), and the Network of WHOCCs, will train these paediatricians as local champions to spread the education further through their local specialist societies

Activity 2

Title: To support updating and publication of WHO training materials.

Description: As part of WHO's work on children's environmental health, WHO has a roadmap for training the health sector on children's environmental health as well as a collection of 36 training modules for health professionals "WHO Training Package on Child Health and the Environment for healthcare providers". As children's environmental health (CEH) is an evolving area, new topics need to be introduced to the professionals "WHO Training Package on Child Health and the Environment for healthcare providers" and existing modules need to be regularly updated. The institute will provide technical expertise and support to WHO on these updates and improvements. GPW 13 output 3.1.2 Countries enabled to address environmental determinants of health, including climate change.

Status: ongoing

Reviewing training package for Children's Health and the Environment, WHO Training Package for the Health Sector. WHO/CED/PHE/EPE/5.2.21

Activity 3

Title: Provide technical input and expertise to WHO on its framework for collaborative action on children's environmental health (CEH) for WHO CEH collaborating centres (CC) network

Description: The WHO Children's Environmental Health programme works closely with 10 WHO collaborating centres (CCs) towards mitigating and adapting to environmental health risks and impacts across all life stages of children. Specific activities to support this are guided by a Collaborative Framework of Actions for WHO CCs on CEH (2022-2024) – The existing Framework needs to be updated for the next 4 years of collaboration.

This activity is aimed at strengthening the Network of WHO Collaborating Centres for Children's Environmental Health. GPW 13 output 3.1.2 Countries enabled to address environmental determinants of health, including climate change

Status: ongoing

Participating in the re-launched International Network for Children's Environmental Health (led by WHOCC CEH Network in NIEHS) - since May 2022 participated in regular meetings. Work on the collaborative framework yet to commence.

Activity 4

Title: From the Collaborative Framework of Actions for WHO CCs on children's environmental health (CEH), develop reviews and research themes for WHO's consideration to support CEH and chemical programmes.

Description: As part of WHO's work on children's environmental health and chemical safety, a review of recent and older publications on CEH and chemicals to update on the science related to these issues is needed. This work will contribute to achieve the GPW 13 output 3.1.2 Countries enabled to address environmental determinants of health, including climate change.

Status: ongoing

Contributing to WHO e-waste and Child Health Initiative

Advised WHO on the methods and structure of the update on the health effects of endocrine disrupting chemicals

Activity 5

Title: To assist WHO's work for assessing the impacts of poor air quality and Climate and Environmental Change impacts on WASH on children's health, with an emphasis on Pacific Island Countries.

Description: As countries decide on transitioning to cleaner energy, WHO is keen to provide extra motivation to accelerate as well as provide guidance on how effective these transitions are, based on base-line assessments of the current state of air quality. Air quality monitoring is not currently actively being done in Pacific Island Countries (PIC). Through consultation, WHO can conduct and compile country status audits based on new WHO AQH guidelines released in September 2021 - especially on how these address the vulnerabilities of children of the Pacific Islands.

As countries move towards increasing WASH capacity and coverage, WHO is keen to provide extra motivation to accelerate as well as provide guidance on how effective these capacities and capabilities are being built - based on base-line assessments of current WASH states. Especially on how these address the vulnerabilities of children. WASH-state audits are not consistently being conducted for PIC and kept on accessible records. Through consultation, WHO WPRO can conduct and compile country status audits based on new WHO / UNICEF guidelines. WP.2020.DHP.CCE 1.5 Encourage all health programmes to address climate impacts and incorporate climate action.

Status: completed

WASH:

Completed review of WHO Drinking Water Guidelines Volume 3: Surveillance and control of community supplies in terms of risk-based regulation, management and surveillance of small water supplies for WHO Geneva - Water, Sanitation, Hygiene and Health - Department of Environment, Climate Change and Health

Air Quality and Health

Completed Draft report on Air Pollution and Health in the Western Pacific Region: a situational assessment of sources, impacts and solutions. For the Asia-Pacific Centre for Environment and Health, WHO WPRO

2. Annual report on other activities requested

Should WHO have requested activities in addition to the agreed workplan, please describe related actions taken by your institution [maximum 200 words]. Please do not include in this report any activity done by your institution that was not requested by and agreed with WHO.

- Participated in the Fourth Regional Forum of WHO Collaborating Centres in the Western Pacific - 28-29 November 2022 - Siem Reap Cambodia
- Participated in the consultation process Draft Asia Pacific Health Security Action Framework - 23 May 2023
- Online attendance of the meeting of the Bi-regional Technical Advisory Group on the Asia-Pacific Strategy for Emerging Diseases and Public Health Emergencies (APSED iii) WPR/WHE/CPI(02)2023 – 27-29 June 2023

3. Resources

Indicate staff time spent on the implementation of activities agreed with WHO (i.e. those mentioned in questions no. 1 and no. 2 above). Do not include any data related to other activities done by your institution without the agreement of WHO. Please indicate staff time using the number of “full-day equivalents” – a day of work comprising 8 hours (e.g. 4 hours work per day for 7 days should be recorded as 3.5 full-day equivalents).

Number of staff involved (either partially or fully)

Senior staff	Mid-career staff	Junior staff, PhD students
2	2	0

Number of full-day equivalents, total for all staff involved

Senior staff	Mid-career staff	Junior staff, PhD students
1	1	1

Implementation of the agreed workplan activities (i.e. those mentioned in questions no. 1 and no. 2 above) normally require resources beyond staff-time, such as the use of laboratory facilities, purchasing of materials, travel, etc. Please estimate the costs of these other resources as a percentage of the total costs incurred (e.g. if you incurred costs of USD 100 and the value of your staff time was USD 50 which makes the total of USD 150, please report 33.3% and 66.7%).

Percentage of costs associated with staff time	Percentage of costs associated with other resources	Total
90.00	10.00	100.00

4. Networking



Describe any interactions or collaboration with other WHO Collaborating Centres in the context of the implementation of the agreed activities. If you are part of a network of WHO Collaborating Centres, please also mention the name of the network and describe your involvement in that network [maximum 200 words].

- Australian Network of WHO Collaborating Centres – bi-annual meetings
- WHO Childrens Environmental Health Collaborating Centres International Network – quarterly meeting