

Folder eCC\_00017292 is in stage Collaboration\_Ongoing

**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** 10-2018 to 10-2019

**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: Developing a global training plan to maximize outreach and use of WHO training modules and assisting WHO HQ and WPRO in implementing the global plan through the organization and delivery of training in CEH  
Description: WHO developed with a group of international experts "train the trainer" materials (WHO Training Package on Child Health and the Environment) that are available to all health professionals and are used for training events. Plans for maximizing use of the package are needed.

- At the request of WHO HQ, jointly create a master training plan and calendar for training opportunities in coordination with WHO, the WHO regional offices and the CC network.
- Assist with the implementation of the global training plan by organising or participating in at least one training event per year organized with WHO HQ or a regional office and delivered using WHO training modules with at least 15 participants (2017 – 2021)

Status: ongoing

Training workshops were held in Kyoto in September 2019 in conjunction with the International conference of the Pacific Basin Consortium for Environment and Health

**Activity 2**

Title: Assisting WHO to build capacity about prevention of environmental exposures and environmentally-related diseases in children by creating and updating children's environmental health (CEH) training materials.  
Description: As children's environmental health (CEH) is an evolving area, new topics need to be introduced to the "train the trainer" materials (WHO Training Package on Child Health and the Environment) and existing modules need to be regularly updated. Online courses are needed to maximise the number of professionals able to be trained and ensure access to training for professionals in rural and underserved areas.

- In collaboration with WHO HQ and the CC Network update at least one training module per year of the WHO Package (2017 – 2021)
- Support WHO in organizing the working meetings on children's environmental health training (background documents, reporting) (the next meeting is planned for October 2018)
- Support WHO and the CC network to develop online training pilots using WHO training materials. Participate in working group meetings and teleconferences for their implementation. Assist in adapting training materials to online training formats. Training courses to be agreed with WHO as per evolving opportunities. Initial pilots planned for South Africa, Republic of Korea.

Status: ongoing

As part of the CC Network activities, sub-regional workshops have been held in Delhi and Bangkok to gain information about CEH priorities and problems in countries in South and SouthEast Asia and in the Western Pacific. Findings from these workshops have been published.

\* Sly PD, Trottier B, Carpenter D, Cha'on U, Cormier S, Galluzzo B, et al. Children's Environmental Health in South and Southeast Asia: Networking for Better Child Health Outcomes. *Annals of global health*. 2019;85(1).

### Activity 3

Title: . Creating increased awareness about prevention of environmental exposures and environmentally-related diseases in children through the WHO/UNEP Healthy Environments for Children Alliance (HECA) newsletter

Description: The WHO/UNEP Healthy Environments for Children Alliance (HECA) newsletter has been produced since 2003 to provide monthly updates on WHO and UNEP activities, peer-reviewed publications, media reports, and events on children's environmental health. It is a valuable resource for professionals in the field.

- In coordination with WHO, continue to develop the monthly WHO/UNEP Healthy Environments for Children Alliance (HECA) newsletter.

Status: completed

The HECA newsletter has been handed back to PHE Geneva, however, is still being produced by a former Centre staff member on a freelance basis

### Activity 4

Title: Strengthening the Network of WHO Collaborating Centres for Children's Environmental Health, with a particular focus on the Western Pacific Region.

Description: The WHO Children's Environmental Health programme is working closely with 10 WHO collaborating centres (CCs) to reduce the morbidity and mortality of children by increasing awareness and action to prevent harmful exposures during early life. Activities are guided by a Framework for action for WHO CCs (2013-2017) on children's environmental health developed by WHO and CCs.

- At the request of WHO HQ, and in collaboration with the CEH CC network, develop a new Framework for Action for WHO CCs on children's environmental health, 2018 – 2021, through email and teleconferences  
- Assist WHO HQ with coordinating the Network of WHO Collaborating Centres for Children's Environmental Health

- Provide advice to CCs developing projects on e-waste and children's health and other technical CEH areas as requested by WHO HQ and WPRO

At the request of WPRO, strengthen collaboration between CCs working on environmental health and children's environmental health in the Western Pacific Region by facilitating meetings of WPRO CCs in environmental health and related areas (to be held every 2-3 years). The meetings will aim to support activities to achieve the Manila Declaration on Health and Environment and the Western Pacific Regional Framework for Action on Health and Environment on a Changing Planet. Drawing from the WPRO Climate Change Resilience initiatives, a key aim will be to strengthen the focus on the impacts of climate change on children's environmental health. The CC will assist with identifying centres involved in environmental health, background documents, and reporting .

Status: ongoing

The CC network is going strongly and has regular teleconferences. Several CCs were involved in producing and editing the WHO Air Pollution document "Air Pollution and Child Health: prescribing clean air". July 10th 2018

### **Activity 5**

Title: Develop joint research publications with WHO HQ, WPRO and the Network of WHO Collaborating Centres for Children's Environmental Health.

Description: Collaboratively develop joint publications as agreed by WHO HQ, WPRO and the CC. At least one peer-reviewed publication or WHO publication per year (2017 – 2021). Topics are to be negotiated with WHO HQ and WPRO on a yearly basis. Current plans under discussion with WHO HQ and WPRO include:

- WHO report on exposure to air pollution and children's health, to be developed with the network of WHO Collaborating Centres for Children's Environmental Health.
- WHO report on electronic and electrical waste and children's health, to be developed with the network of WHO Collaborating Centres for Children's Environmental Health.
- Atlas of children's environmental health in the Western Pacific Region. This publication will be developed with WPRO and Universities in the Pacific and in Asia. It will focus on key threats to children's environmental health in the region including climate change, air pollution, food safety, waste, and water, sanitation and hygiene.

Status: ongoing

Several publications on air pollution and eWaste have been completed or are in progress. Publications on CEH indicators in the WPR have been completed. Work on the Atlas has not yet begun.

## **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.**

Peter Sly has represented WHO PHE on a WHO UNICEF Lancet Commission on Child-wellbeing. The Commission report titled "Children at the centre of the sustainable Development Goals: a new global movement" was accepted for publication in the Lancet on 23/09/2019.

### 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
6	1	0

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

Senior staff	Mid-career staff	Junior staff, PhD students
3	5	0

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
75.00	25.00	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].

The International network of CCs involved in CEH has been active in holding teleconferences, sub-regional workshops and facilitating centre directors or representative attending meetings held within the region.