

Review of Task Force on HPH and Environment Activities in 2011

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Chair, Task Force on Health Promoting Hospitals and Environment

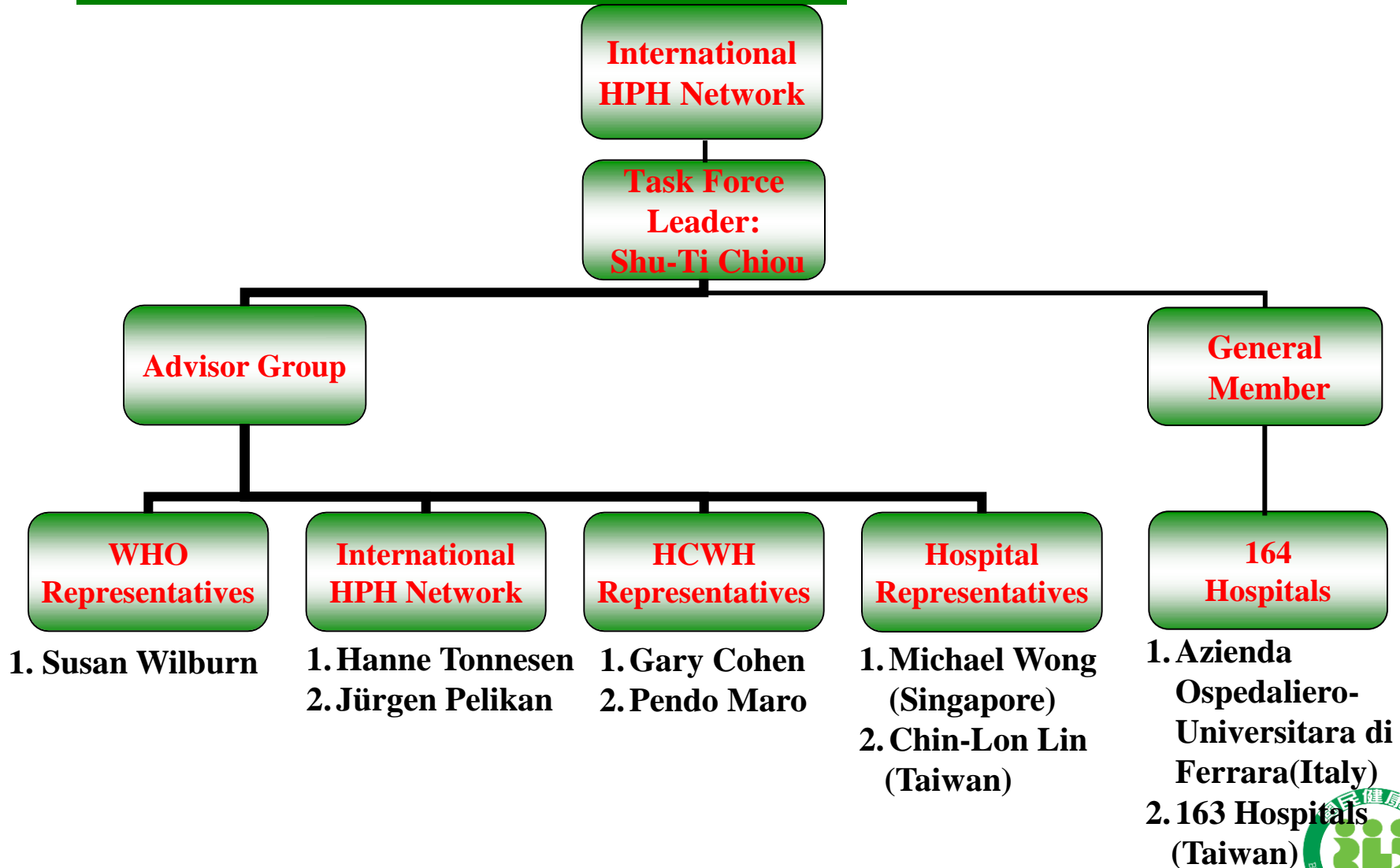


Outline

- 1. Structure of the Task Force**
- 2. Terms of References**
- 3. Task Force Activities and Outcomes**
- 4. What Are the Next Steps?**

1. Structure of the Task Force

Organizational Structure



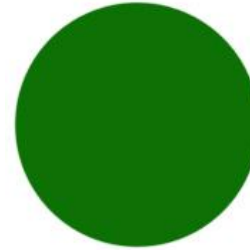
Main Facilitators of the Task Force



**Bureau of Health
Promotion, DOH,
Taiwan**



**Health Care Without
Harm**



International Network of
HHealth
Promoting
Hospitals & Health Services

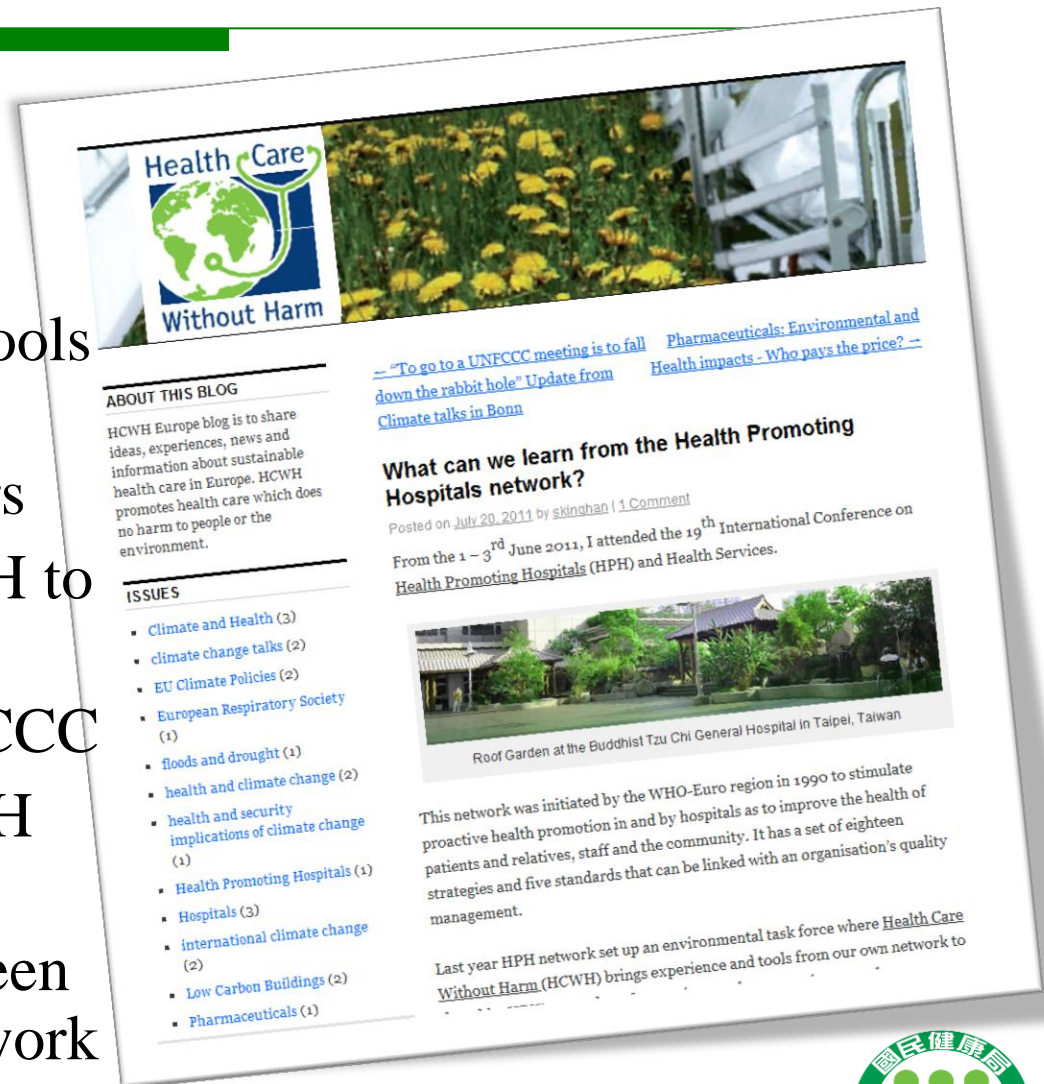
International HPH Network

**WHO-Collaborating Center For
Evidence-Based Health
Promotion in Hospitals &
Health Services**



Partnership with HCWH

- Sharing of best practice examples
- Sharing of knowledge on indicators and monitoring tools
- Co-organizing events, recommendation of speakers
- Invite speakers from HCWH to join in related conference
- Link to WHO during UNFCCC
- Assist in promoting the HPH Conference
- Collaborating in Global Green and Healthy Hospitals Network



Partnership with Domestic NGO

- BPH has commissioned **Environment Quality Protection Foundation** - an environmental NGO - to help promote activities of the Task Force on HPH and Environment.



- The Roles of NGO:
 1. Provide **vision and policy suggestions** and best practice examples for hospital managements.
 2. Strengthen interactions between domestic and foreign government departments and NGOs

2. Terms of References

Terms of Reference

2010.04.16, Approved by the General Assembly

ToR 1: Visualizing environment-related health promotion issues in existing HPH Models and Tools

ToR 2: Giving **examples on best evidence practice** related to HPH Models and Tools

ToR 3: Developing **tools for monitoring the effect** of environment friendly intervention programs

ToR 4: Disseminating the best practice examples and HPH Models and Tools through the network and increasing the health professionals literacy about climate change and health impacts

ToR 5: Establishing a database for environmental friendly hospitals and health services programs

3. Task Force Activities and Outcomes

TF meetings

- **1st TF meeting: 2010.04.16/UK**
- **2nd TF meeting: 2010.10.22/Taiwan**
- **3rd TF meeting: 2011.06.02/Finland**



- **4th TF meeting: 2012.04.12/Taiwan**

HPH and Environment Symposium

- **Symposium 2010: 2010.04.16/UK**
- **Symposium 2011: 2011.06.03/Finland**



- **Symposium 2012: 2012.04.12, Taiwan**

Workshops on Environment-Friendly Hospitals Promotion in Taiwan

- Experts with different fields to assist hospitals toward environment-friendly health care in 2010
- Taipei Hospital, DoH
Buddhist Tsu Chi General Hospital
Taipei Medical University Hospital
Changhua Christian Hospital
Mennonite Christian Hospital



- Over **150 people** from health systems in Taiwan, **105 hospitals** in total participated.
- Collects Q&A for reference by hospitals

Analysis of Taiwan Hospital CO₂ Emission Data

Total CO₂ emissions (metric tons)

CO₂ Emissions by Hospital Type

intervention

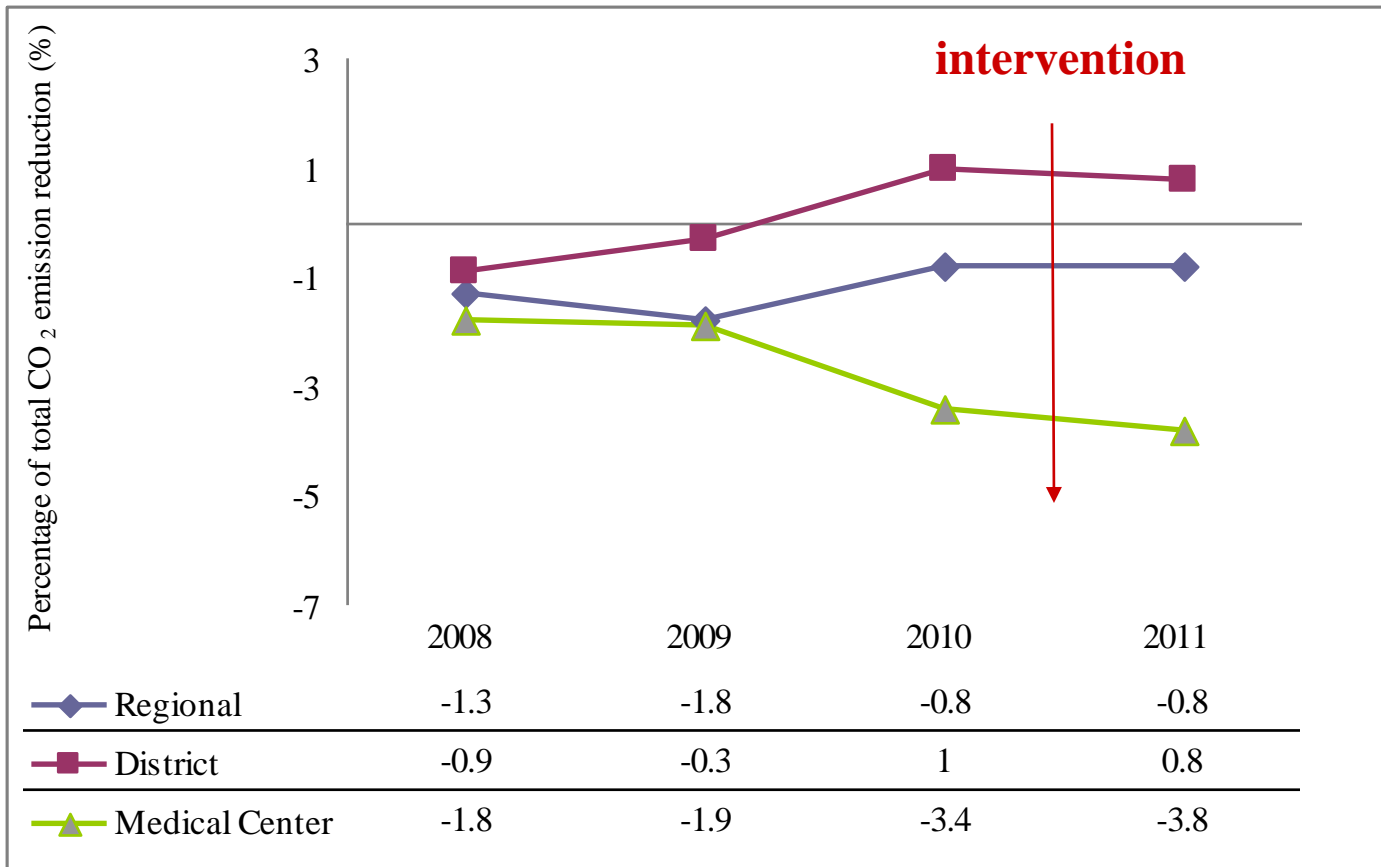
600,000
400,000
200,000
0

	2007	2008	2009	2010	2011
◆ Regional	340,456	336,866	334,332	339,509	338,886
■ District	137,454	135,344	134,623	135,430	136,321
▲ Medical Center	508,076	510,490	506,048	497,099	492,019

Sample size: 79 hospitals



CO₂ Emission Reduction Trend (compared to 2007 level)



■ Medical center has been **decreasing** CO₂ outputs steadily

■ Regional hospitals and district hospitals show slight **increasing** trends – maybe due to increased operational capacity, but the trend is stabilizing.

■ Focus on advising hospitals that needed further improvements and continue to promote concepts of green hospital.

Advocacy of TF Mission in Durban (1)

1st Climate and Health Summit, Dec 4, 2011

- Organised by HCWH, World Federation of Public Health Associations, Climate and Health Council UK, and Nelson R Mandela School of Medicine, University of KwaZulu-Natal
- Invited to give a speech as the Vice Chair of International HPH Network
- Topic: Climate Mitigation and Adaptation in the Health Sector
- **WHO Representative: Dr. Carlos Dora, Department of Public Health and Environment, WHO**



Advocacy of TF Mission in Durban (2)

UNFCCC COP17 Press Conference, Dec. 6, 2011

- International press event on the Durban Declaration on Climate and Health
- Invited to address and comment as the Vice Chair of the Governance Board of International HPH Network
- WHO Representative: **Maria Neira, Director, Department of Public Health and Environment**



Advocacy of TF Mission in Durban(3)

COP17 Side Event, Dec. 8, 2011

- Climate Change and Public Health: Healthy Climate, Healthy People, Healthy Economy --
Organized by HCWH, IFMSA, HEAL and EQPF (Commissioned by BHP)
- WHO Representative: **Elena Villalobos**,
Department of Public Health and Environment
- Speech Topic: The Role of the Health Sector in Mitigating Climate Change
- Moderator: Pendo Maro
- Around **80** audience





Could Public Health Benefits Make Combating Climate Change Free?

Climate change threatens human health, therefore reducing greenhouse gas emissions may help our medical well-being, too

By David Biello | December 21, 2011 | 44

Public health infrastructure has its own role to play in combating climate change. For example, hospitals can curb solid waste by promoting breast milk over formula for infants, or simply cut down on nonessential energy use. The Taiwanese branch of a network of some 800 hospitals worldwide has set itself a target of reducing emissions by 13 percent below 2007 levels by 2020. "That's equal to reforesting 34 New York City Central Parks," says Dr. Chiou Shu-ti, director-general of Taiwan's Bureau of Health Promotion and vice chairperson of the [International Network of Health Promoting Hospitals](#).

Scientific American

Online news report by
David Biello

December 21, 2011



Environment-Friendly Healthcare related Submissions in 2012 HPH Conference

- Thursday, April 12, 14:00pm – 15:30pm
Oral 2.6: Creating Environment Friendly Hospitals and Health Services
5 presentations
- Friday, April 13, 11:00pm – 12:30pm
Oral 3.8: Creating Environment Friendly Hospitals and Health Services –
5 presentations
- Friday, April 13, 2012 13:30pm-14:00pm
Poster 2.8: Safe Guarding the Environment and Addressing Climate
Change – 10 posters
- **20** Submissions from Italy, Great Britain, Finland, Korea, Thailand, and
Taiwan – **A good increase from last year's conference !**



Environment-Friendly and Healthcare Sessions during 2012 HPH Conference

		4/12	4/13
Morning	Oral 1.9 HPH and Environment Symposium		Oral 3.8 Creating Environment-Friendly Hospitals and Health Services II (5)
	Oral 2.8 TF on HPH and Environment	Oral 2.6 Creating Environment-Friendly Hospitals and Health Services I (5)	Poster 2.8 Safeguarding the Environment and Addressing Climate Change (10)
Afternoon	Plenary 3: Health System Development & Environment-Friendly Health Services		

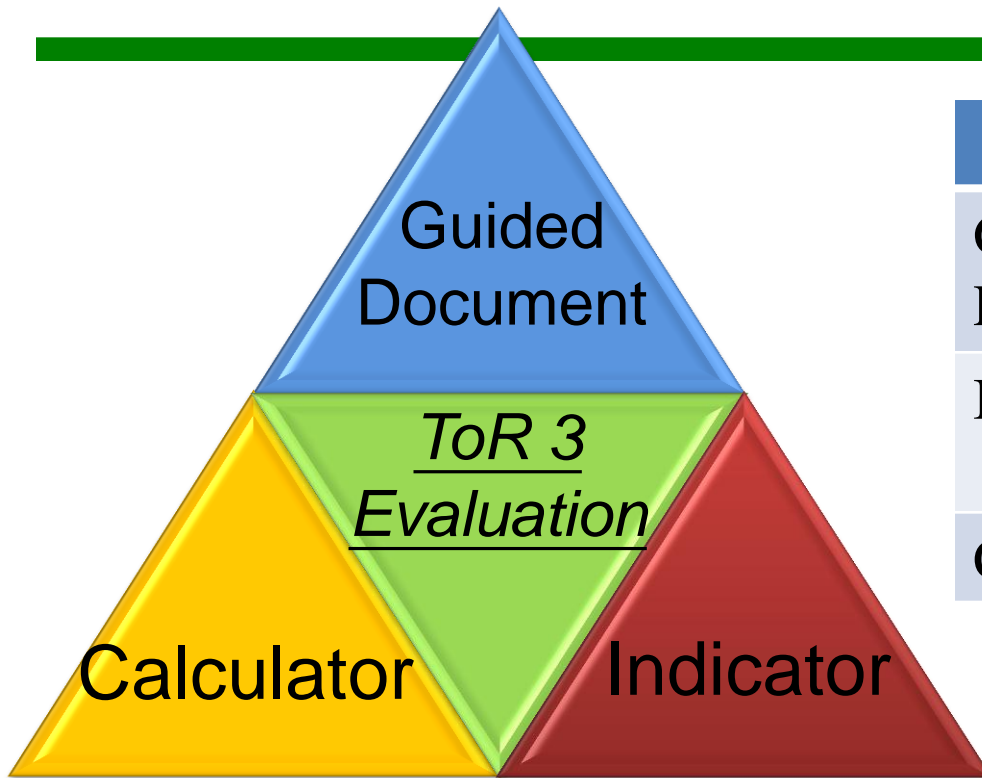
Best Evidence Practice for Experience Sharing

- Bureau of Health Promotion published the manual of “**Green Hospital, Green Life, Green Planet**: Experience Sharing on Green Hospital” in December 2010 – **Updated in 2012**
- Practice examples from 12 Taiwan Hospitals and the Alexandra Health Group in Singapore covering 8 major scopes: **Energy Efficiency, Alternative Energy, Food, Waste, Water, Transportation, Building** and **Education**.
- Available in Chinese and English.
- Free download from <http://www.bhp.doh.gov.tw/BHPnet/English/ClassShow.aspx?No=201101190001>



6. What Are the Next Steps?

Monitoring Tools Analysis




Tools	Feature
Guided Document	-Common use in health system
Indicator	-High accuracy required
Calculator	-Quantifiable

- Monitoring tools are categorized as: **Guided Document**, **Indicator** and **Calculator**.
- Monitoring tools are VOLUNTARY basis, as there are no globally BINDING criteria.
- The globally divergent nature makes universal criteria a difficult task.

Manual of HPH and Environment

- The draft has been proposed by Professor Hanne Tonnesen, and it is under modifying process by the HPH Secretariat to add more environmental factors.

HPH and Environment Manual



International Network of
Health
Promoting
Hospitals & Health Services

Preface

The level of environmental friendliness of hospitals and health services worldwide has and will continue to have a significant and direct impact on human health. According to the WHO, the environment related mortality comes from a multitude of factors - including unsafe water, air pollution, waste disposal, toxic substances and so forth. Potentially, if environment is taken also to include man-made climate changes, the gravity of the health related issues is of course even more substantial.

The health care sector plays a major part in global environment, and thus we, as health professionals, can make a real change for the better. Hospitals are among the most intensive energy-consuming buildings and byproducts of health care industries include toxins, hazardous substances, polluted water, massive amounts of waste etc.


In this way, hospitals and health services can seriously undermine the health of the people they are meant to serve.

Rather than causing diseases, we should be preventing them, and thus hospitals and health services should take their place as front line promoters of a cleaner and greener world. Further, as health care professionals, we have a very credible platform for such advocacy, so our work in this area can make a positive difference.


The International Network of Health Promoting Hospitals and Health Services (HPH) focuses on actively promoting the health of patients, staff, communities and environment - wherever possible and however possible. Doing so naturally entails harnessing the tremendous positive potential inherent in furthering a more environmentally friendly health care sector globally. In light of the critical need for further development, documentation and dissemination of evidence-based environmental activities and initiatives in hospital and health service settings, the HPH Environment Task Force has developed this manual. The manual attempts to visualise environmental friendliness and related initiatives in core HPH documents, and by doing so it aims to support such initiatives at all hospital and health service levels and to be useful for all health professionals.

It is our hope that this manual will be of good use to you in your health promotion work.


On behalf of the International Network of Health Promoting Hospitals & Health Services,




Shu-Ti Chiou MD, PhD, MSc
Chair and Coordinator, Task Force on
HPH & Environment
Vice Chair, HPH Governance Board




Prof. Hanne Tonnesen MD, DMSc
Director, WHO-CC
CEO, International HPH Secretariat



WHO Collaborating Centre
for Evidence-Based Health Promotion in Hospitals & Health Services
Dingdejiang University Hospital





Draft Policy Guidance

- Follows the ToR 1 & 4
- Call for health professionals to promote environment-friendly policies
- Covering 6 scopes:
 - Vision
 - Goal
 - Strategy
 - Subject & Principle
 - Measurable, Reporting and Verification (MRVs)
 - Management
- Test trial in Taiwanese hospitals
- To be discussed during the 4th Task Force Meeting

Self-Assessment Form?

■ Designed to help hospitals learn about environment-friendly concepts and current hospital environmental management systems.

	Executed	Implementing	Recognized, may or may not implement	Not recognized, need more information	Recognized, not going to implement
II. Energy Efficiency					
1. Conduct energy audit, recording energy consumption and expenses as a reference for retro-commissioning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Quantify consumption data of substances, energy heating and cooling from different departments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Evaluate energy efficiency improvement plan and establish energy consumption standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Assign full-time personnel and energy saving department to implement energy saving policies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Educate hospital staff, patients, and visitors about energy saving policies and practices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Work plan 2012-2013

- To finalise the HPH and Environment Manual by appending or integrating more description related to “environment” into sub-standards and adding glossary of terms.
- To highlight more of the climate effects on health and healthcare system in the HPH 2012 by constantly cooperating with international groups.
- To **develop the tool that monitors** the effects of environment-friendly intervention programs.
- To maintain the TF website on the HPH new site and collect the latest materials.
- **Strengthen cooperation with HCWH**
- **Recruit TF and HPH members**
- Update and disseminate publications on this issue
- Encourage publication of best practices
- **Collaborate with the Global Green and Healthy Hospital Networks launched by HCWH as one of the Founding Members.**
- Continue to participate in global environmental events to spread the outcomes of the Task Force (e.g. UNFCCC CoP 18, Rio +20)

*Thank You for Visiting
Taiwan!*

