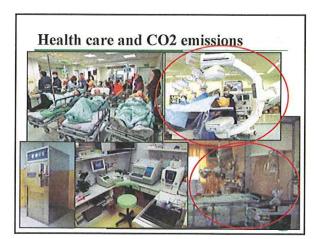


The Role of the Health Sector in Mitigating Climate Change

- Environment benefit and co-benefits by health sector
- Actions at the global level
- Actions at the national level
- Actions at the organizational level
- The way forward



Environment benefit and environment cobenefits by health sector



Health sector and climate change

From harm producer to harm manager and harm remover



Health sector and climate change

- 1. Identify and manage health impact of climate change
- Take the leadership for community actions against climate crisis by
 - Raising the public awareness of climate crisis;
 - Leading by example: reduce health sector's CO2 emissions by green design and green practices (environment benefit);
 - Promoting healthy living (healthy eating, green transportation, breastfeeding) and producing environment cobenefit at the same time;
 - Reducing healthcare utilization by the effect of health promotion and disease prevention, and hence reducing CO2 emissions further (indirect environment co-benefit)

Health sector as a powerful actor

- Credible voice on health-related issues
- Contact with people (ex. in Taiwan, 92% of the population utilized health services within 1 year)



Shu-Ti

Actions at the global level: Task Force on HPH & Environment





WHO and HCWH

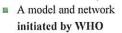
- Published "Healthy Hospitals, Healthy Planet, Healthy People" in 2008, addressing healthcare facilities' impact on climate changes and their opportunity to help lead the fight against
- The future goal is to develop the Global Network for Climate-friendly Health Care through the collaboration between WHO, Health Care Without Harm, the Health and Environment Alliance (HEAL), and other NGOs.



HEALTHY HOSPITALS HEALTHY PLANET HEALTHY PEOPLE



International Network of Health Promoting Shu-Ti Hospitals and Health Services





- More than 800 member hospitals distributed in 5 continents; Taiwan, 2nd biggest with72members
- In 2010, "Task Force on HPH & Environment" was approved by the general assembly of the International Network of Health Promoting Hospitals and Health Services, with joint support from WHO and HCWH



Task Force on "HPH & Environment"

Task Force Members:

leadership

- Chair and coordinator: Dr. Shu-Ti Chiou, Vice Chair of GB, International Network of HPH; Director-General, Bureau of Health Promotion, Taiwan Prof. Hanne Tonnesen, Director of WHO-CC on HPH in Bispebigrey University Hospital, Denmark, & Secretariat of International Network of HPH Professor Jurgen Pelikan, Director of WHO-CC on HPH in Ludwig Boltzmann Institute, Austria

partnership

- Susan Wilburn, Technical officer, Department of Public Health and Environment, WHO
 Dr. Gary Cohen, Co-Executive Director, Health Care Without Harm
 Dr. Pendo Maro, Semior Climate and Energy advisor, Health Care Without

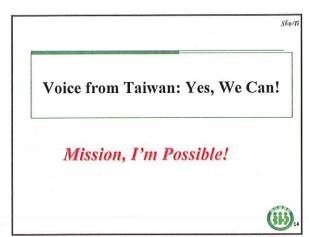
- Dr. Michael Wong. Director, Health for Life Center, Khoo Teck Puat Hospital, Alexandra Health Cluster (HPH Member) Dr. Chun-Lon Lia, CEO, Tzuchi Medical Mission, Tzuchi Compassionato Foundatioa, Taiwan (HPH Member)

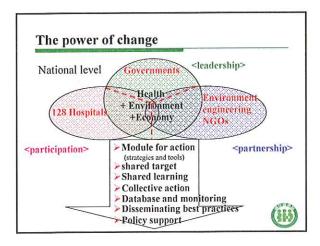
Terms of references for the TF

- 1. Visualizing environment-related health promotion issues in existing HPH Models and Tools
- Giving examples on best evidence practice related to HPH Models and Tools
- Developing tools for monitoring the effect of environment friendly intervention programs
- 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
- 5. Establishing a database for environmentfriendly hospitals and health services programs











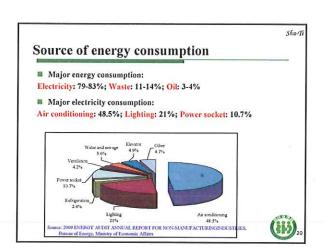




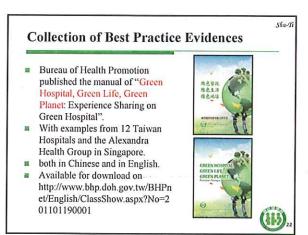
128 Taiwanese hospitals said "yes, we can!" on Oct. 23, 2010

- Calculate reduction of CO2
 emission according to potential reduction in consumption of electricity, water, oil, and gas, and in production of waste.
- 128 hospitals joined and committed to achieve 13% reduction of annual CO2 emissions by 2020 compared to the level in 2007
- The amount in CO2 reduction is equivalent to the annual absorbing capacity of 34 New York Central Parks









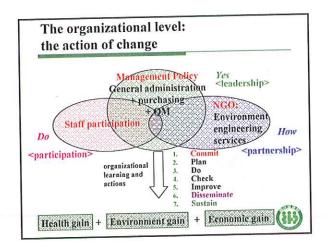
Environment-friendliness in hospital accreditation

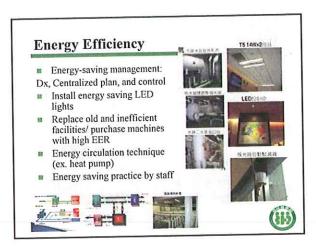
- Current: Require the appropriate management of hygiene and waste
- Future: encourage the mitigation and adaptation of climate change

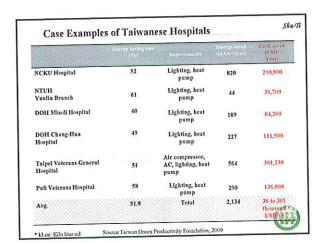
Front-line actions in health promoting hospitals

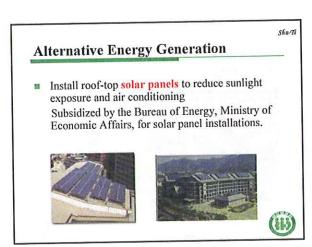




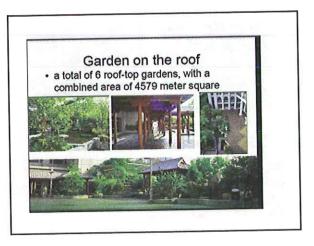


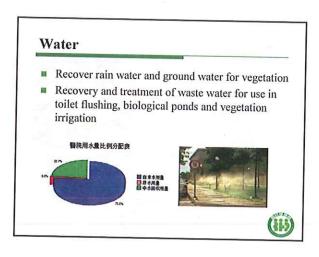






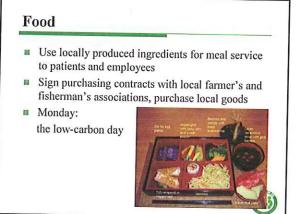














Transportation BBMW: B(bus),

■ BBMW: B(bus), B(bike), M(metro), W(walk)

Subsidize public transportation

Encourage walking by placing staff parking further away from the hospital.









Green purchasing

- Purchase low-carbon, environment-friendly products;
- From: low-carbon, environment-friendly suppliers



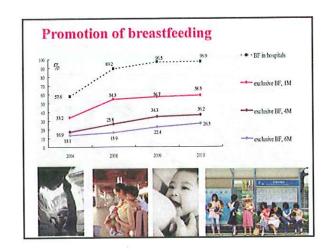
What else?

 By health promotion, lifestyle intervention, prevention and early detection,

we can reduce use of medications, surgeries, intensive interventions,

while improving well-being and quality of life.





Double environment co-benefits

- 1. Direct:
 - ☐ Reduced need of cow milk and reduced cattle
 - ☐ Reduced use of cans and bottles
 - ☐ Reduced transportation of milk
 - ☐ Reduced washing of bottles
- 2. Indirect:
 - Reduced acute and chronic illness for babies leading to reduced healthcare utilization and reduced carbon footprint
 - □ Reduced chronic illness for mothers











The way forward

What Are the Next Steps?

- Analyze and publish the experiences; generate evidences of effective implementations.
- Provide international platform for shared learning, benchmarking and collaboration.
- Call for papers with the thesis and case study to draw more hospitals to take action :
 - 2012 International HPH Conference in Taiwan, April 11-13
 - □ Scientific Journal: Clinical Health Promotion research and best practice for patient, staff and community



th International Conference on Health Promoting Hospitals and Health Services

April 11-13 2012, Taipei, Taiwan

Taiwan Welcomes You! www.hph2012.com Registration Online Now Call for Abstracts till Jan. 15th, 2011



Shu-Ti

