

Climate Leadership in Health Sector

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Session III: Health Promoting Hospitals: Development and Knowledge sharing of good practices "Eco-Friendly Hospitals For A Sustainable World" 22 Feb 2016













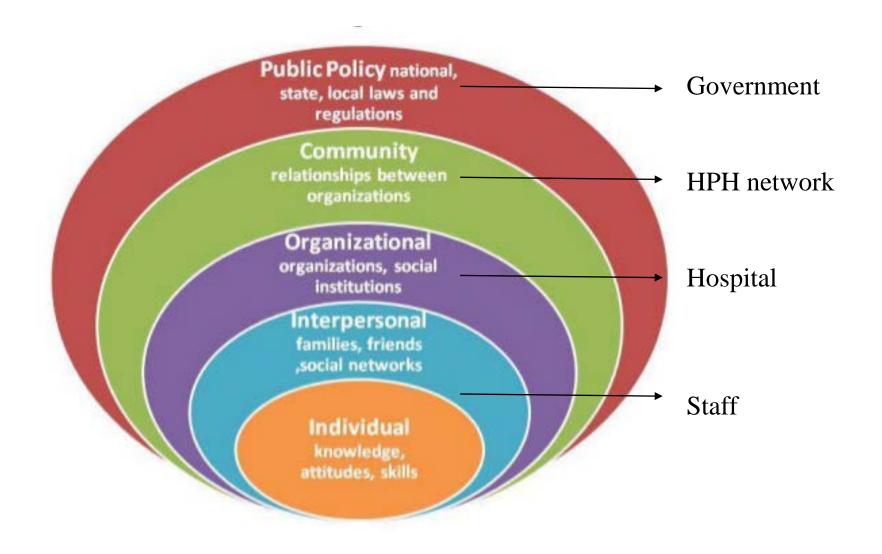


Successful program

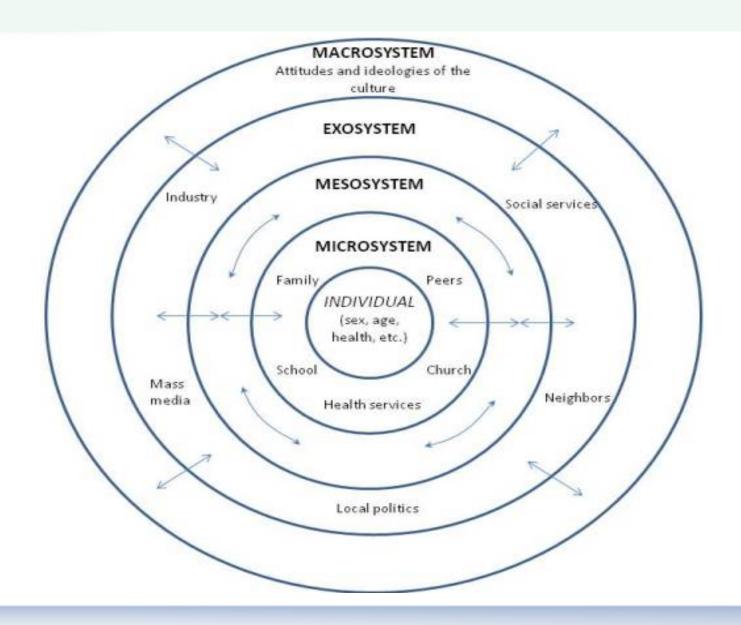
Evidence based

Theoretical based

Ecologic model for the development of Environmental friendly hospital



Ecologic model for multi-system development

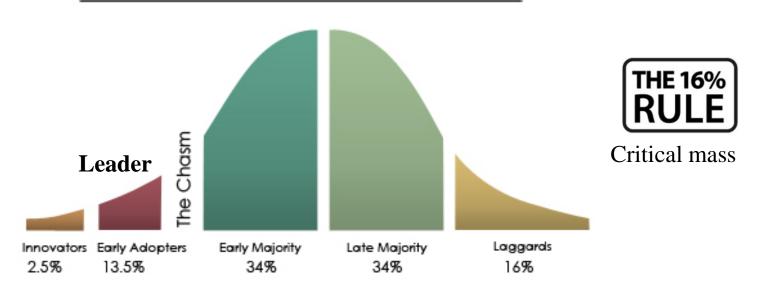




Diffusion Innovation Theory

- Everett Rogers -

ROGER'S INNOVATION ADOPTION CURVE



Trying to convince the mass of a new idea is useless. Convince innovators and early adopters first.



Leadership

- In the field of health promotion, leadership can be defined as the ability of an individual to influence, motivate, and enable others to contribute toward the effectiveness and success of their community and/or the organization in which they work. It involves inspiring people to develop and achieve a vision and goals. Leaders provide mentoring, coaching and recognition. They encourage empowerment, thus allowing other leaders to emerge.
- Last, J. and Edwards, P. (2007). *Glossary of Terms Relevant to the Core Competencies for Public Health*. Public Health Agency Canada (PHAC). Retrieved January 2011 from: http://www.phac-aspc.gc.ca/php-psp/ccph-cesp/glos-eng.php



The development of Task Force on HPH and Environment

- 1990 International Network of Health Promoting Hospitals and Health Services (HPH)
- 2009 Department of Public Health and Environment WHO published the "10 Facts on Climate Change and Health,"
- 2009 61st World Health Assembly (WHA) :action plans for Climate Change and Human Health :
 - Advocate and raise awareness:
 - Strengthen partnership
 - Enhance scientific evidence
 - Strengthen health systems:
- 2009, WHO appointed task of promoting "HPH, Climate and Environment"
- 2012, the Taiwan HPH Network submitted the proposal to establish the Task Force on HPH and Environment,
 - Cooperate with WHO, international NGOs (HCWH), the International HPH
 - Director-General Chiou called for immediate, binding actions against the impacts of climate change.



Taskforces in international HPH

- Health Enhancing Physical Activity in Hospitals & Health
 Services
- Migrant-Friendly & Culturally Competent Health
- HPH Task Force on Health Promotion with Children & Adolescents
- HPH & Environment (Chin-Lon Lin, TW)
- HPH and Age-Friendly Health Care (Shu-Ti Chiou, TW)



The International Network of Health Promoting Hospitals & Health Services



Taiwan HPH Network

- Established in 2006
- The 1st network member in Asia.
- 160 hospitals and health services in 2015 (the largest network in the International HPH Network).
- Network Coordinator, Dr. Shu-Ti Chiou is the Chair of HPH Governance Board since 2012.
- Taskforces in HPH Taiwan
 - Smoking free hospital
 - Migrant-Friendly & Culturally Competent Health / health literacy
 - HPH Task Force on Health Promotion with Children & Adolescents
 - HPH & Environment (Chin-Lon Lin, TW)
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Environment-Friendly Healthcare Advocacy – Efforts by Taiwan and HCWH

- 1. Hospital Pioneers to Reduce CO2 Emission and Save Earth BHP held the 2010 International Conference on Healthy Hospitals & Health Services in Taipei
- 2. "Hospital Pioneers to Reduce CO2 Emission and Save Earth" pledge ceremony, 128 hospitals from all around Taiwan (accounting for over 64% of hospital beds in Taiwan) congregate and pledge to reduce CO2 emission and conserver energy,
- 3. Develop supportive network and onsite advice for green hospital 2014
- 4. Environment-Friendly Hospital Team Work Best Practice Award since 2014



Advocate and raise awareness

Government Leading for Reduce CO2 Emission and Save Earth





Publication for implementation Eco-friendly hospital







Leadership in organization level







Self evaluation questionnaire - google web-based survey -

I. Leadership領導

Demonstrate leadership support for green and healthy hospitals in order to: create long-term organizational culture change; realize widespread hospital worker and community engagement; and foster public policy that promotes environmental health.

展現領導階層對綠色健康醫院的支持,以產生組織文化的長期改變,促進醫院員工和社區的廣泛參與,並促成有益環境健康的公共政策

- **1.1. Develop and commit to a system-wide green and healthy hospital policy.**發展並承諾一個全醫院的綠色健康醫院政策。 *
- 做到程度
- 1.無
- 2.部分做到
- 3.完全做到
- 1.2. Form a task force consisting of representatives of various departments and professions within the organization to help guide and implement efforts.在組織內成立一個包含不同部門、專業領域的專責小組,以幫助指導與執行。 *

做到程度

1.3. Dedicate staff resources at the executive/directorate and facility levels to address environmental health issues organization- or system-wide.在執行層級、管理與督導等層級,投入人力資源,於組織或體系全面性的因應環境健康議題。*

○ 1.無

做到程度

- 2.部分做到
- 3.完全做到

1.4. Invest in research to remove barriers to further innovation. 投入研究、消除障礙、鼓勵創新

做到程度

- 1.無
- 2.部分做到
- 3.完全做到

1.5. Assure that strategic and operating plans and budgets reflect the commitment to a green and healthy hospital. 確保策略、經營計畫和預算,能反映出一個綠色且健康醫院的承諾。 * 做到程度

1.6. Provide opportunities for educating staff and community on environmental factors that contribute to the burden of disease, as well as the relationship between public environmental health and disease prevention.教育員工與社區,認識造成疾病負擔的環境因素,以及公共環境健康與疾病預防之間的關係。*

做到程度

- 1.無
- 2.部分程度
- 3.完全做到
- 1.7. Together with the local community, engage in dialogues, debates and initiatives related to disease prevention and environmental health.與當地社區共同促進各界在疾病預防與環境健康方面的對話、討論和行動。 *

做到程度

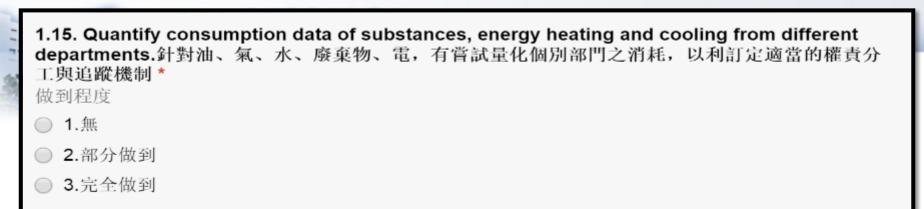
- 1.無
- 2.部分做到
- 3.完全做到
- 1.8. Collaborate with other stakeholders to map environmental health risks and conduct surveillance of diseases associated or potentially associated with environmental factors.與其他相關單位合作,描繪出環境健康風險,並對與環境因素可能有關的疾病進行監測。(例如:與衛生、勞政、環保單位合作,當觀察到特殊疾病或異常升高的發生率時,加以通報,調查或指出原因,並追蹤其後續發展)*

做到程度

1.9. Build or participate in local networks of hospitals and/or health services groups committed to advocate for environmental health policies.發起或參加當地倡議環境健康政策的醫院或醫療機構網絡。 * 做到程度(複選)
□ 1.無
□ 2.参加低碳醫院行動
□ 3.参加健康促進醫院網絡
□ 4.參加綠色醫院網絡
□ 5.參加其他環境倡議網絡(請填寫該網絡名稱於"其他"項目中)
Other:
1.10. Advocate for disease prevention and environmental health as core components of future health strategies.將倡議疾病預防與環境健康列入未來健康策略的核心項目。* 做到程度 ○ 1.無 ○ 2.部分做到 ○ 3.完全做到
1.11. Encourage multilateral and bilateral agencies financing hospital construction or health sector operations to collaborate with public and private sector counterparts, to ensure that such financing promotes the development and operation of environmentally sustainable

- 1.12. Educate accreditation bodies about the intersection between environmental sustainability, human health and health care standards. Identify ways that sustainability practices can be incorporated into accreditation standards.是否贊成應教育評鑑機構,使其瞭解環境永續、人類健康與健康照護標準之間的關聯,並嘗試將有利永續的措施,融入評鑑標準中。*

 贊成程度
- 1.非常贊成
- 2.贊成
- ◎ 3.無意見
- 4.不贊成
- 5.非常不贊成
- 1.13. Utilize purchasing power to obtain environmentally responsible and ethically produced products at cost competitive prices and work with manufacturers and suppliers to innovate and expand the availability of these products.醫院有運用採購力量獲得對環境友善的產品,同時與雙商、供應商共同努力開發及增加環境友善的產品。*
 做到程度
- 1.無
- 2.部分做到
- 3.完全做到
- **1.14.** Develop measurable system-wide annual environmental objectives / goals.醫院是否有制定可量測的(年度)環境目標。 * 做到程度



1.16. Maintain a system in place to periodically evaluate your continued compliance with pertinent national, state or provincial and local environmental regulations.有建立一套系統,定期評估醫院本身是否持續遵守及符合中央與地方之環境法規*做到程度

- 1.無
- 2.部分做到
- 3.完全做到

1.17. seek sources of funding for green projects and incentive opportunities.是否有向外申請與環境友善有關之計畫或經費。 * 做到程度

- 1.無
- 2.部分做到(有1個計畫)
- 3.完全做到(多於1個計畫)
- 1.18. Implement regular (e.g., quarterly) sustainability reporting to update senior management, staff and Board of Trustees.定期(如每季)向員工、高階主管、董事會或其他督導層級,報告環境永續之進展。 *

做到程度



Leadership in individual

- Personal attribute
- Staff awareness





Executive level champion

- Securing resources for sustainability activities
- Advocating for sustainability within and outside of the organization
- Removing any institutional barriers to sustainability
- Overseeing the activities of the sustainability director.



Domain 9 – Leadership and Building Organizational Capacity A health promoter is able to:

- 9.5 Contribute to maintaining organizational performance standards

Level 1:

• Assist in the collection of data in a consistent fashion from a program setting.

Level 2:

• Establish quality criteria for the collection of program data.



Domain 9 – Leadership and Building Organizational Capacity *A health promoter is able to:*

- 9.6 Manage self, others, information and resources in an ethical manner.

Level 1:

• Recognize that community engagement is a long-term effort and that no external entity should assume it can bestow on a community the power to act in its own self-interest.

Level 2:

• Assess the ethics of a proposed policy using an ethical assessment framework (e.g., Nuffield Council that considers autonomy, consent, risk, the protection of children and reduction of inequalities).



Domain 9 – Leadership and Building Organizational Capacity A health promoter is able to:

- 9.7 Contribute to team and organizational learning in order to advance health promotion goals (e.g., mentor students and other staff; participate in research and quality assurance initiatives)

Level 1:

• Participate in a quality assurance initiative to improve the application of equity impact assessments in program planning.

Level 2:

• Participate in knowledge translation activities to support incorporation of evidence-informed practices.



Skills essential to successfully leading sustainability in healthcare.

Communication

- With senior management and external stakeholders
- Involvement of employees from all organizational departments.
- Communicate effectively with highly skilled physicians as well as lower-skilled workers.
- Able to communicate with the press and with representatives of local communities.
- Analysis and management skills

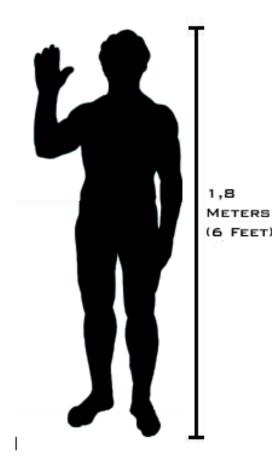


The longest distance in the world

How to motivate to change

5 R

- Relevance
- Risk
- Reward
- Road block
- Repeat



From head to feet

From knowing to action



Ecological Footprint Calculator

Footprints. We make them everywhere we go. But unlike the impressions we leave in mud or sand, which we can clearly see, our Ecological Footprints outline the space we each need to survive.

Understanding exactly how big our Ecological Footprints are can be difficult because they encompass all the space and resources we need to live—light (energy), air, water and soil.

Learn how the choices you make affect the size of your Ecological Footprint.

Start

Staff awareness

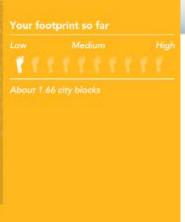


https://islandwood.org/footprint-calculator/

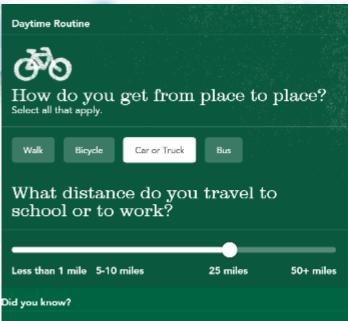


Did you know?

A standard faucet can use between 2 and 3 gallons of water per minute. By turning off the tap while brushing your teeth, you can conserve between 20 and 30 gallons of water per person per week. For a family of four, that's 6,000 gallons of water per year. Source





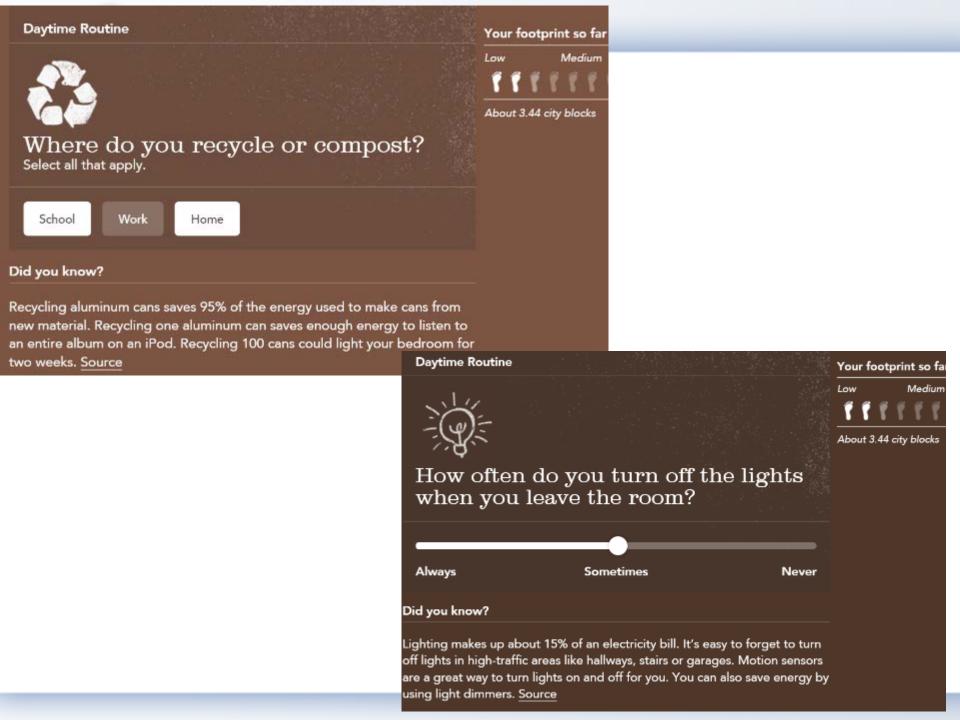


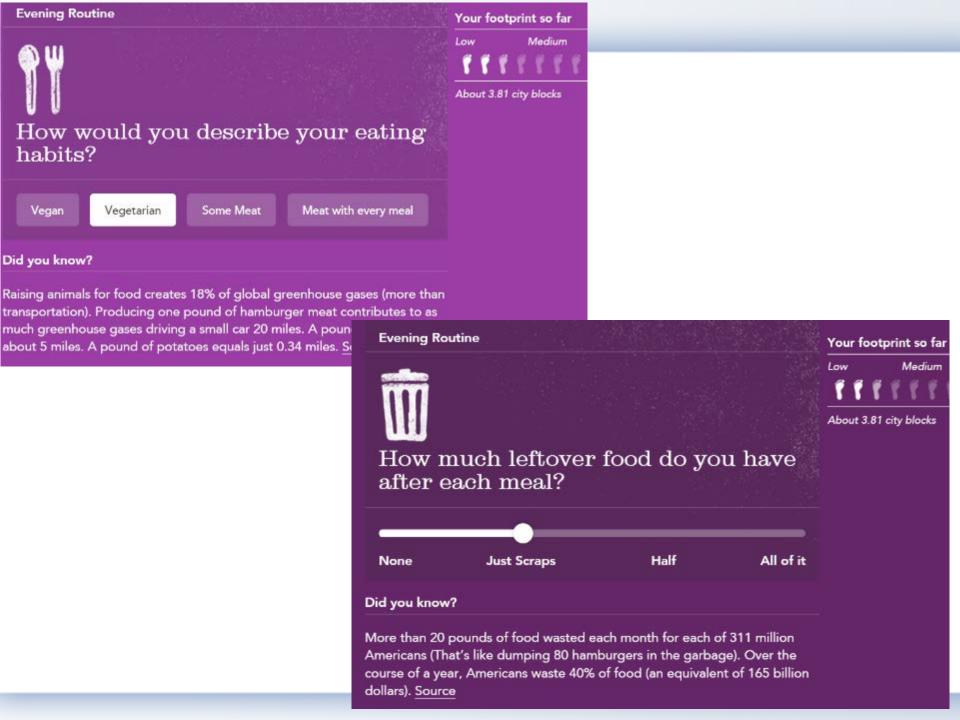
Americans use nearly 400 million gallons of gasoline every day. This will fill a 600-acre lake about 2 feet deep. Idling for 10 seconds consumes more fuel

than turning off the engine. Source











Areas for Improvement



5 Minute Shower

If you reduce your shower by two minutes, you will save 5 gallons of water. Set an alarm for 3 minutes to challenge yourself and become more aware of the time you spend in the shower.



I use water only for rinsing.

Nice Job!



Flush every time

Make a family agreement in your own home to let it mellow when it is yellow. You'll save 3-7 gallons of water every time you don't flush (That's more water than you drink in a day!).



All secondhand

Awesome job! To mix up your wardrobe even more, organize a clothes swap with friends. Everyone will leave with clothes that are new to them.





Car

Consolidate your car errands into one day to reduce the amount of fuel you use. If you drive to school or work, carpool with friends to reduce the number of cars on the road.



Pack plastics

Create your own lunch kit. Instead of buying individually-packaged snacks, buy snacks in bulk and repack them in empty jars. Instead of bringing a soda or juice pouch, pack your drinks in a thermos or reusable water bottle.



Recycle A lot

Help yourself recycle even more often by establishing a recycling bin at work, school or home.



Turn Lights Off Always

You are a keeper of the light. Challenge yourself by turning off lights left on by other people and unplugging electronics not in use.



Vegetarian

Awesome! Buy local and organic vegetables whenever possible. You can also challenge yourself to not eat dairy, like cheese, to reduce your carbon footprint.



Throw away nothing

Awesome! If you're having trouble finding uses for leftover coffee grinds, grounds make a great fertilizer for acid-loving plants such as tomatoes, carrots, roses, rhododendrons and azaleas.



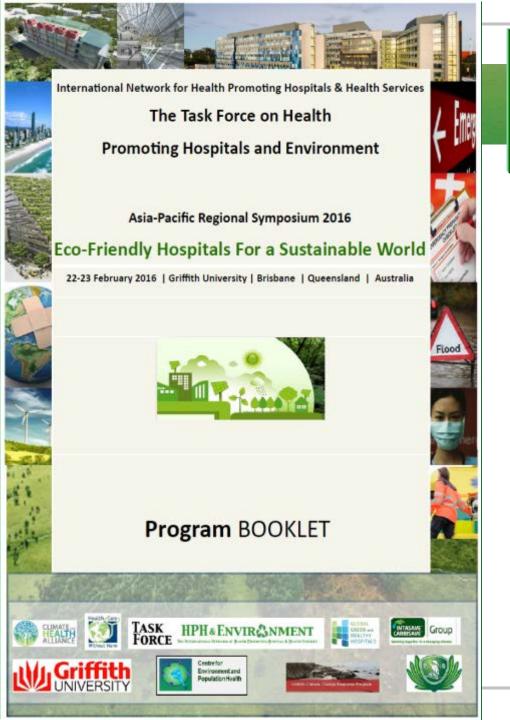
Coming together is a beginning

Keeping together is progress

Working together is **SUCCESS**

Henry Ford





AN INTERNATIONAL KNOWLEDGE AND PRACTICE-SHARING REGIONAL SYMPOSIUM ON

"ECO-FRIENDLY HOSPITALS FOR A SUSTAINABLE WORLD" MONDAY, 22nd Feb 2016

Griffith University, Nathan Campus

Hosted by The Task Force on Health Promoting Hospitals and Environment of International Health Promoting Hospitals and Health Services Network and co-hosted by Griffith University

Venue: Griffith University Nathan Campus, Building N18 (Central Theatre), Theatre II

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