



GLOBAL GREEN and
HEALTHY HOSPITALS

a project of the campaign for
environmentally responsible health care
WWW.NOHARM.ORG



GGHH Webinar Series

Safer Pharma: How healthcare can reduce Pharmaceutical Pollution

Susan Wilburn, GGHH Sustainability Director

Tim aus der Beek, IWW Water Center, Germany

Anja Leetz, Executive Director, HCWH-Europe

Thomas Moller, Environmental Coordinator, Aarhus University
Hospital, Denmark

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of the European Commission. HCWH Europe/GGHH is
responsible for all content; views expressed do not reflect the
official views of the European Commission.*



Connection Between Health and Environment

Environmental factors = ¼ of global burden of disease

~~World Health Organization, 2016



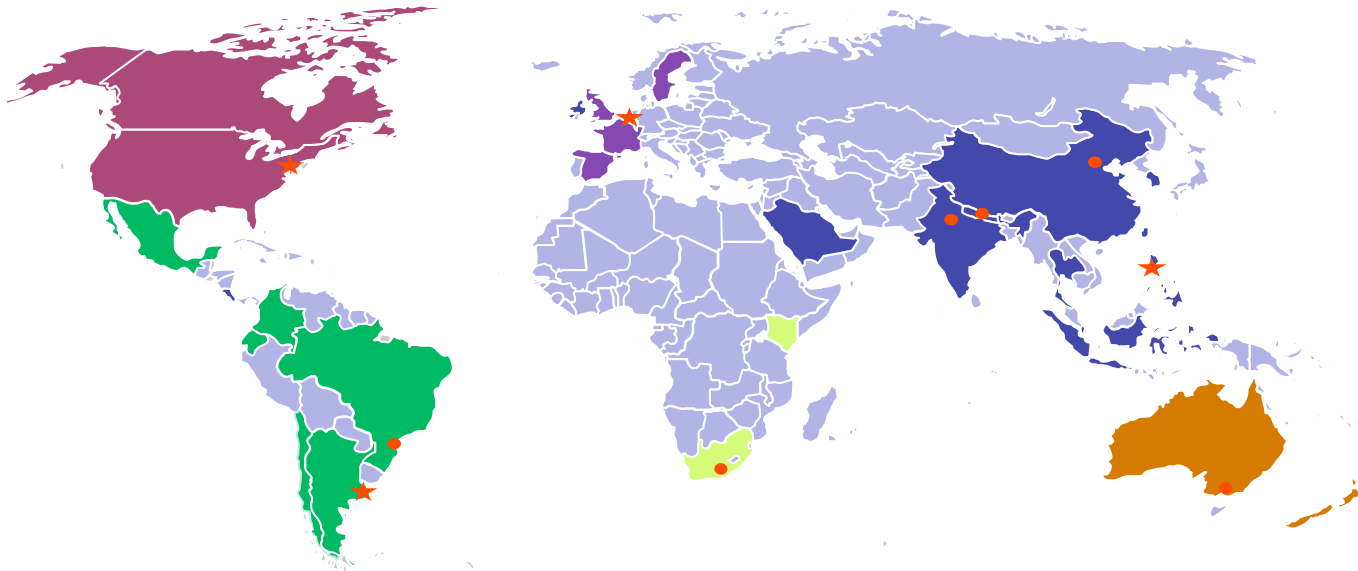
Preventing disease through healthy environments

http://www.who.int/quantifying_ehimpacts/publications/preventing-disease/en/

Global Green and Healthy Hospitals (GGHH)

A worldwide community...

- of hospitals, healthcare systems and organizations
- dedicated to reducing the ecological footprint of healthcare operations
- while promoting environmental and public health in their communities



Global Green and Healthy Hospitals | Agenda Goals



Leadership

Prioritize environmental health as a strategic imperative



Chemicals

Substitute harmful chemicals with safer alternatives



Waste

Reduce, treat and safely dispose of healthcare waste



Energy

Implement energy efficiency and clean, renewable energy generation.



Water

Reduce hospital water consumption and supply potable water



Transportation

Improve transportation strategies for patients and staff



Food

Purchase and serve sustainably grown, healthy food



Pharmaceuticals

Prescribe appropriately, safely manage and properly dispose of pharmaceuticals



Buildings

Support green and healthy hospital design and construction



Purchasing

Buy safer and more sustainable products and materials

GGHH Member Resources and Benefits

- Global learning community
- Guidance Documents
- Case Studies
- **Self Assessments**
- Member Promotional tools
- Opportunities to promote work globally
- **Educational Webinars**
- Membership Certificate



Safer Pharma: How Healthcare Can Reduce Pharmaceutical Pollution

Goals:

- Raise awareness about pharmaceutical pollution and waste
- Educate health professionals about simple practices that can help reduce unnecessary pharmaceutical emissions in the environment with an emphasis on reducing unused and expired medicines
- Describe how healthcare professionals can educate patients about pharmaceutical pollution
- Discuss policy measures for reducing pharmaceuticals in the environment in the European Union and globally

Safer Pharma: How Healthcare Can Reduce Pharmaceutical Pollution

Presenter: Tim aus der Beek

Tim aus der Beek: He studied hydrology in Freiburg (Germany) and Vancouver (Canada). Between 2005 and 2012 he was employed in Germany at the Center for Environmental Systems Research (CESR) in Kassel, and at Heidelberg University, where he received his PhD. Here, the main research interests focused on integrated water resources management and hydrological impact modeling.



Since 2012, Tim aus der Beek, Senior Researcher and Consultant at the German IWW Water Centre in Mülheim an der Ruhr. His current research projects deal with pharmaceuticals in the aquatic environment, organic micropollutants in Chinese and German surface waters, water resources management and water quality issues in general. He has acquired multiple research grants from various national and international organizations, such as EU-Horizon2020 and UNEP. Tim aus der Beek is also author of 25 water related publications.

Safer Pharma: How Healthcare Can Reduce Pharmaceutical Pollution

Presenter: Anja Leetz

Anja Leetz: Executive Director of Health Care Without Harm Europe. She worked for more than ten years with such environmental and health organisations as Friends of the Earth and the European Environmental Bureau in the United Kingdom and Belgium. Anja holds a teaching qualification, a BA in Photography and has recently obtained the qualification of Foundation Manager at the European Business School in Germany.



Presenter: Thomas Moller, Environmental Coordinator at Aarhus University Hospital (Denmark). His area of work includes waste, wastewater and circular economy. He has been working for some years with hospital wastewater with focus on both treatment technology and central (municipal) versus local (hospital) treatment.

Join Us!

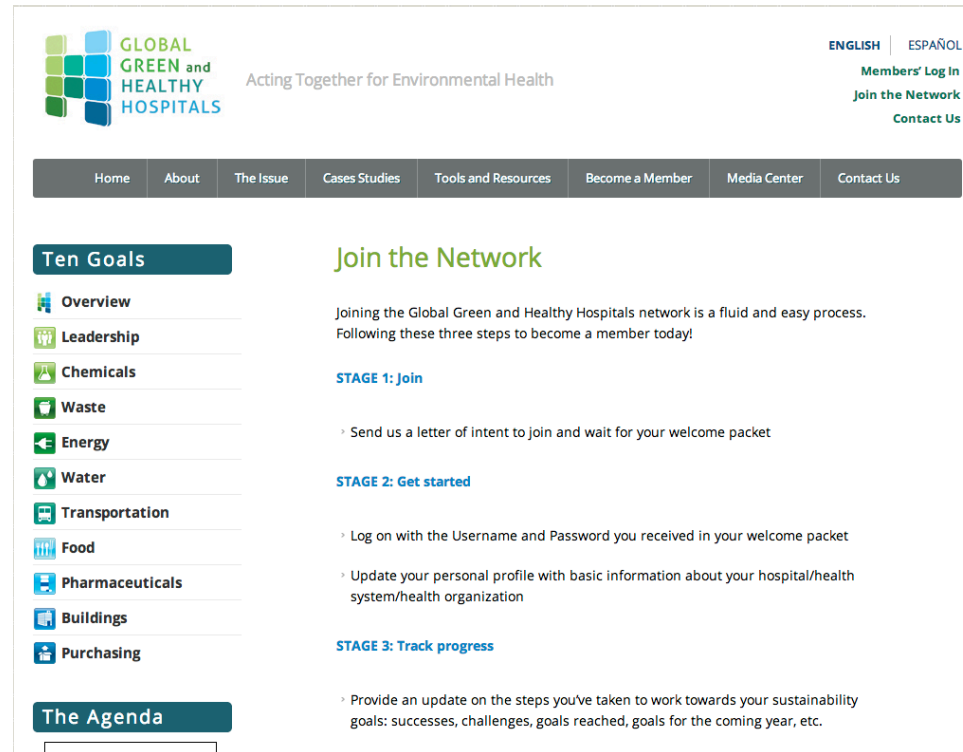
GGHH

Only Health Care members

- Hospitals
- Health Systems
- Health Care Organizations

Member request on website:

www.greenhospitals.net



GLOBAL GREEN and HEALTHY HOSPITALS
Acting Together for Environmental Health

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Ten Goals

- Overview
- Leadership
- Chemicals
- Waste
- Energy
- Water
- Transportation
- Food
- Pharmaceuticals
- Buildings
- Purchasing

The Agenda

Join the Network

Joining the Global Green and Healthy Hospitals network is a fluid and easy process. Following these three steps to become a member today!

STAGE 1: Join

- Send us a letter of intent to join and wait for your welcome packet

STAGE 2: Get started

- Log on with the Username and Password you received in your welcome packet
- Update your personal profile with basic information about your hospital/health system/health organization

STAGE 3: Track progress

- Provide an update on the steps you've taken to work towards your sustainability goals: successes, challenges, goals reached, goals for the coming year, etc.

Next webinar:

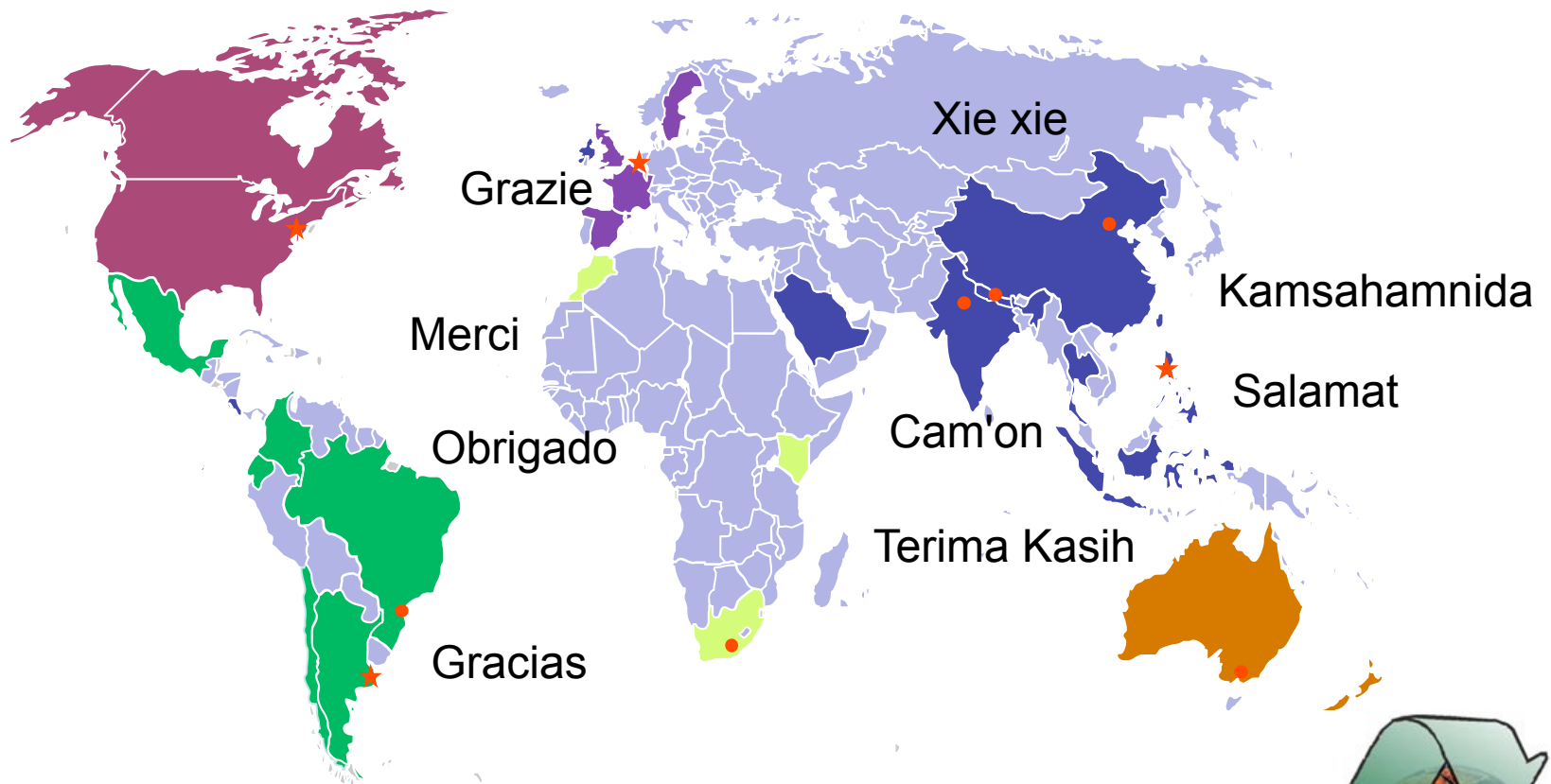
The use of anti-microbials in
textiles in health care setting

*Please complete the evaluation survey
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webinar on your calendar!*

Member request on website:

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THANK YOU

