



# SMHS Environmental Sustainability Framework: **thinking globally, acting locally** Implementation Framework

## 01 Leadership: Prioritise environmental health

SMHS has clear and strong leadership to ensure that environmental health and sustainability are key organisational priorities, and drives implementation of SMHS-wide sustainability initiatives.

## 06 Transportation: Improve transportation strategies for patients and staff

SMHS promotes improved transportation choices with key service providers/contractors and encourages alternate transport options for employees by developing strategies that reduce the climate footprint of sites.

## 02 Chemicals: Substitute harmful chemicals with safer alternatives

SMHS commits to addressing chemical exposure in hospital settings to ensure the health of patients, employees and site users, whilst demonstrating the safe management of chemicals, including item substitution where possible and introducing policies for the disclosure of chemical ingredients.



## 07 Food: Purchase and serve sustainably grown, healthy food

SMHS works in conjunction with cook fresh sites, pre-prepared food suppliers and hospital food service tenants to support the provision of healthy food options from sustainable sources across sites, and ensures compliance with the Healthy Options WA: Food and Nutrition Policy, aligned with the Australian Dietary Guidelines.

## 03 Waste: Reduce, treat and safely dispose of healthcare waste

SMHS has strategies in place to support the protection of public health by reducing the volume and toxicity of waste produced in healthcare settings, and implements sustainable waste management and disposal options.



## 08 Pharmaceuticals: Safely manage and dispose of pharmaceuticals

SMHS provides appropriate care in line with international best practice and national standards and supports the safe management, appropriate prescribing and suitable disposal of pharmaceuticals by ensuring adequate waste disposal strategies are in place and the availability of education and training for clinical and non-clinical staff.



## 04 Energy: Implement energy efficiency and clean, renewable energy generation

SMHS has policies and support systems that promote energy efficiency, reduction of emissions, and transition to renewable energy sources where possible.



## 09 Buildings: Support green and healthy hospital design and construction

SMHS aspires to carbon-neutral operation at a site level, working collaboratively with facilities management contractors across sites to adopt Green Star practices of the Green Building Council of Australia to support design, construction and operations for sustainable buildings, fitouts and healthcare communities where possible.

## 05 Water: Reduce hospital water consumption and supply of potable water

SMHS strives to achieve water consumption efficiencies by implementing water conservation strategies and works collaboratively with contractors to minimise water usage.



## 10 Purchasing: Buy safer and more sustainable products and materials

SMHS works with the System Manager to support the development and implementation of green and ethical purchasing policies and ensures appropriate education and training is available for clinical and non-clinical staff.

01	<b>Leadership:</b> Prioritise environmental health	<ul style="list-style-type: none"> <li>1.1 SMHS has a clear Sustainability Framework based on WA Health system-wide Policy, which drives the systematic implementation of sustainability goals.</li> <li>1.2 SMHS identifies clear accountability for all levels and aspects of implementing this Framework.</li> <li>1.3 SMHS seeks representation to implement the Sustainability Goals and associated initiatives based on a baseline audit undertaken by hospital sites and monitoring and evaluation of results.</li> <li>1.4 SMHS fosters education and cultural change around environmental sustainability.</li> <li>1.5 SMHS allocates the human and financial resources necessary for all aspects of Framework implementation.</li> </ul>
02	<b>Chemicals:</b> Substitute harmful chemicals with safer alternatives	<ul style="list-style-type: none"> <li>2.1 SMHS has a clear site-wide chemical and hazardous materials policy and protocols to protect patients, employees, community health and the environment.</li> <li>2.2 Address the use of biologically and environmentally hazardous chemicals (as defined in SMHS Hazardous Chemicals Policy 148); including, but not limited to: glutaraldehyde, halogenated fire retardants, PVC, DEHP and BPA; and seek safer alternatives and substitutes.</li> <li>2.3 Participate in the World Health Organisation (WHO) Health Care Without Harm (HCWH) global Mercury-Free Health Care Initiative by substituting mercury thermometers and blood pressure devices with safe, accurate, affordable alternatives where possible.</li> </ul>
03	<b>Waste:</b> Reduce, treat and safely dispose of healthcare waste	<ul style="list-style-type: none"> <li>3.1 Reduce the volume and toxicity of waste produced by hospital sites, whilst implementing environmentally sound waste management (including storage, segregation, composting, transportation, treatment) and disposal options.</li> <li>3.2 Establish site-based Waste Management Committees to lead sustainable waste management and disposal initiatives.</li> <li>3.3 Educate site users and provide accessible information on waste management and appropriate waste segregation across SMHS sites.</li> </ul>
04	<b>Energy:</b> Implement energy efficiency and clean, renewable energy generation	<ul style="list-style-type: none"> <li>4.1 For existing buildings, implement an efficiency program that will minimise energy consumption.</li> <li>4.2 Once efficiency measures are implemented, investigate the purchase of clean, renewable energy and include its generation (or provisions for future generation) in new buildings where appropriate.</li> </ul>
05	<b>Water:</b> Reduce hospital water consumption and supply of potable water	<ul style="list-style-type: none"> <li>5.1 SMHS has site specific procedures in place to maximise water conservation strategies across health sites.</li> <li>5.2 Consider rainwater harvesting and/or recycling water to maximise water consumption efficiencies.</li> </ul>
06	<b>Transportation:</b> Improve transportation strategies for patients and staff	<ul style="list-style-type: none"> <li>6.1 SMHS drives improvements in transportation strategies for patients and staff.</li> <li>6.2 Develop site specific transportation and service delivery procedures that reduce hospitals' climate footprint and their contribution to local pollution.</li> <li>6.3 SMHS encourages hospital site users to use bicycles, public transport and carpooling options to assist in reducing air pollution emissions related to healthcare facilities, whilst promoting public health strategies.</li> </ul>
07	<b>Food:</b> Purchase and serve sustainably grown, healthy food	<ul style="list-style-type: none"> <li>7.1 SMHS purchases and serves sustainably grown, healthy food.</li> <li>7.2 SMHS supports access to healthy food options and nutrition, thereby helping to foster disease prevention and contributing to longer-term reduction in the population's healthcare requirements.</li> <li>7.3 Reduce hospitals' environmental footprint while fostering healthy eating habits in patients and employees.</li> </ul>
08	<b>Pharmaceuticals:</b> Safely manage and dispose of pharmaceuticals	<ul style="list-style-type: none"> <li>8.1 SMHS works collaboratively with clinicians to appropriately prescribe, safely manage and properly dispose of pharmaceuticals.</li> <li>8.2 SMHS aims to minimise inappropriate pharmaceutical waste disposal and promotes manufacturer take-back where possible.</li> <li>8.3 SMHS works with community partners and other organisations to promote and contribute to local, national and international pharmaceutical pollution reduction activities.</li> </ul>
09	<b>Buildings:</b> Support green and healthy hospital design and construction	<ul style="list-style-type: none"> <li>9.1 SMHS aspires to achieve carbon neutral targets through building design and operation.</li> <li>9.2 Adoption of guidelines/rating systems of the Green Building Council Australia and/or other local, national or international green building organisations to guide the design and construction of new buildings and support ongoing building operations.</li> <li>9.3 Prioritise the integration of hospital sites with the natural environment to support environmental sustainability whilst positively influencing patient health, as well as employee performance and satisfaction.</li> </ul>
10	<b>Purchasing:</b> Buy safer and more sustainable products and materials	<ul style="list-style-type: none"> <li>10.1 Adoption of sustainable procurement policies, strategies and practices to support procurement of products and services that are compliant with environmental and social standards throughout their lifecycle.</li> <li>10.2 SMHS works with the System Manager to source sustainably produced supply chain materials from socially and environmentally responsible vendors.</li> <li>10.3 SMHS creates and provides documents and resources to educate and support SMHS sites in integrating sustainable procurement into their operations.</li> </ul>