

We open eyes.

IEH Initiative, August 2020

“Environmental snapshot”: Guiding questions for an environmental assessment of eye hospitals

(adapted from Pan American Health Organization SMART Hospitals Toolkit: [Pan American Health Organization SMART hospital toolkit](#))

Italic font: Examples for answers

Answers: **Yes** **No** **Needs improvement**

Visit	Questions			Comment/ Action taken	Follow-up visit			Comment/ Action taken
June 2020	1. Is there a demonstrated commitment by the hospital/organization to environmental sustainability at senior management level		X	<i>For example: dedicated job position and budget allocation, reviewing the Strategic Plan, reporting to the Board, note in the Annual report</i>	June 2021	X		<i>For example: Board signed off on an organizational environmental sustainability policy. Six-monthly report required by Board</i>
	2. Are national or hospital guidelines for environmental standards implemented		X	<i>Hospital management to check availability of guidelines</i>			X	<i>Guidelines available, but not fully implemented</i>
	3. Are natural ventilation, insulation and shading considered (e.g. in-roof insulation, electric fans, shade sales, trees, plants, garden,			X <i>Recommend to plant trees</i>		X		<i>Trees planted</i>

We open
eyes.

	grass) and the use of air-conditioners minimized							
	4. Is an instrument maintenance system in place		X		<i>Train staff at LAICO, contact ZEISS for phaco maintenance</i>		X	<i>Training done, maintenance schedule in place</i>
	5. Are all consumables systematically procured, stored and monitored (and excess stock holding as well as expiration of consumables avoided)		X		<i>Drug expiration not monitored Excess of IOL stock Train staff in stock management</i>		X	<i>Training done, but monitoring system not implemented</i>
	6. Do you use sustainable energy sources (e.g. solar power, low energy light bulbs, smart light switches)		X		<i>Secure budget for purchase of solar panel system and maintenance</i>	June 2022	X	<i>Solar panels installed</i>
	7. Do you use sustainable water management (e.g. rainwater collection; decentralized waste water treatment or other water re-use system)			X	<i>Rainwater collected, Wastewater management not in place</i>		X	<i>Wastewater management in place. Reclaimed water used for garden development</i>
	8. Is a solid waste management plan implemented			X	<i>Infectious waste separated, no activities to reduce waste</i>		X	<i>Administration reduced paper consumption in the office</i>
	9. Are all waste management activities accessible for people with disabilities		X		<i>Instructions to segregate waste not in plain language; recommend consulting Organization of People with Disabilities</i>			X <i>Plain language instructions available Color-coding waste segregation not accessible for people with visual impairment</i>
	Summary		6	3			6	1 2



We open
eyes.

Recommended steps to improve and monitor environmental sustainability and safety:

1. Check and implement national guidelines, as appropriate
2. Check applicability of international guidelines (e.g. [WHO training modules in health-care waste management](#)) or access the webpage of the [Climate Action Working Group of the International Agency for the Prevention of Blindness IAPB](#)
3. Contact local organizations focusing on environmental topics, such as sustainable energy, waste management etc.
4. Contact Organizations for People with Disabilities to ensure that people with visual impairment and other disabilities are included in all steps of the process
5. The summary of the questions provide a quick overview about progress