



# INNOVATE

SUSTAINABILITY IN HEALTHCARE

4-5 JULY  
2024

## Ethos of CHI INNOVATE 2024 themed Sustainability in Healthcare

Healthcare's sacred duty is to "Do No Harm" as we provide care for our patients; But this very duty has inflicted harm on the environment.

If Healthcare were a country, we would be Earth's 4th largest carbon emitter.

At the same time, the climate crisis is also a healthcare crisis. The effects of global warming will bring an even larger tsunami of patients to our doors in the future.

CHI INNOVATE 2024, under the banner of "Sustainability in Healthcare", will explore our relationship with our environment, while seeking innovative solutions to inspire and galvanise us to be 'good ancestors'.

As a conference, we also aim to be an event with strong sustainable practices.

Join us on 04 & 05 July 2024 as we pledge our oath to extend our healing touch not just to patients but to the planet we call home.

DAY 1: 04 July 2024	
8.30am – 9.20am (SGT)	<b>Registration</b>
9.25am – 9.35am (SGT)	<b>Opening of CHI INNOVATE 2024 (D1)</b>  <i>Co-Hosted by</i> <b>Wong Hon Tym</b> Clinical Director <b>Centre for Healthcare Innovation</b>  <b>Tamsin Greulich-Smith</b> Director, School of X <b>DesignSingapore Council</b>
9.35am – 9.45am (SGT)	<b>Opening Address by Guest of Honour</b>  <b>Grace Fu</b> Minister for Sustainability and the Environment
9.45am – 9.50am (SGT)	<b>Launch of Sustainability Academy</b>  <i>Officiated by</i> Guest of Honour <b>Grace Fu</b> Minister for Sustainability and the Environment

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9.50am – 10.05am (SGT)	<b>National Healthcare Innovation &amp; Productivity (HIP) Medals Award Ceremony</b>  <i>Presented by</i> Guest of Honour <b>Grace Fu</b> <b>Minister for Sustainability and the Environment</b>	
10.05am – 10.30am (SGT)	<b>CentreStage Speaker</b>  <b>Sonia Roschnik</b> Executive Director <b>Geneva Sustainability Centre</b>	
10.30am – 11.00am (SGT)	<b>Morning Refreshment</b>	
<b>How will the Climate Crisis Affect Health &amp; Healthcare?</b> <i>Step into the space where we unravel the complex interplay between nature and human health.</i>  <i>How will a 1.5 degree celsius increase in global temperature affect the health of populations?</i>  <i>What emerging trends in medicine are attributable to global warming?</i>  <i>And how has extreme weather affected healthcare services across the world?</i>		
11.00am – 11.20am (SGT)	<b>CentreStage(s) ft. Rapid Fire Presentations</b>	<b>CHI's Inaugural Innovation Challenge Commences</b>
<b>How is Healthcare Contributing to the Climate Crisis?</b> <i>As we explore the delicate balance between health and the environment, we confront an uncomfortable truth: the very industry designed to heal can also bring harm.</i>  <i>Uncover the environmental footprint of healthcare practices: How have the pillars of healthcare - patient safety, quality improvement and infection control unintentionally led to more waste?</i>  <i>Are there other aspects of healthcare delivery and consumption that are wasteful and unnecessary?</i> <i>And have we done enough to reduce our carbon footprint from our supply chain?</i>		

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11.20am – 12.30pm (SGT)	<p><b>Panel Discussion:</b> <b>The Obstacles and Conflicts within Healthcare to be Green</b></p> <p><i>Dive deep into the heart of the matter at our no-frills panel as we openly dissect the tough issues facing sustainability in healthcare.</i></p> <p><i>From candid conversations about the delicate balance between patient safety and eco-conscious practices to bursting through financial hurdles and cultural/ mindset barriers among our medical community, our diverse lineup of experts will leave no stone unturned!</i></p> <p><i>Featuring frontline heroes, financial wizards, sustainability architects, procurement pros and influential clinician leaders, this panel promises bold insights and actionable solutions</i></p> <p><i>Don't miss out on this riveting conversation that challenge norms, ignite innovation and drives transformative change in the future of healthcare sustainability with us!</i></p> <p><u>Panellists:</u> <b>Kee Wei Hui</b> Head of Sustainability, CEO's Office <b>MOH Holdings Pte Ltd</b></p>	
12.30pm – 1.30pm (SGT)	<b>Lunch</b>	
	<b>CHI Partners' Networking Lunch (By Invitation Only)</b>	
<p><b>What is Being Done?</b></p> <p><i>Prepare to be inspired by the innovative strides taken towards sustainable healthcare, gathered from both our local and overseas healthcare institutions as well as our industry partners.</i></p> <p><i>We'll showcase pioneering initiatives, from energy-efficient hospitals to waste reduction programmes, proving that the path to a healthier world is paved with sustainable practices. Meet some heroes who have transformed the sustainability practice and culture in their own organisations!</i></p>		
1.35pm – 2.30pm (SGT)	<b>Virtual Site Tour(s)</b>	<b>CHI's Inaugural Innovation Challenge Continues (Semi-Finals)</b>
	<b>Site A -</b> <b>Site B -</b> <b>Site C -</b>	

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2.30pm – 3.00pm (SGT)	Travelling time to Physical Site Tours				
3.00pm – 5.00pm (SGT)	Physical Site Tours				
	Site A	Site B	Site C	Site D	
5.00pm (SGT)	End of Day 1 CHI INNOVATE 2024				

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DAY 2: 05 July 2024	
8.30am – 9.45am (SGT)	<b>Registration</b>
9.45am – 10.00am (SGT)	<b>Opening of CHI INNOVATE 2024 (D2)</b>  <b>Co-Hosted by</b> <b>Wong Hon Tym</b> Clinical Director <b>Centre for Healthcare Innovation</b>  <b>Tamsin Greulich-Smith</b> Director, School of X <b>DesignSingapore Council</b>
<p align="center"><b>What More Can We Do?</b></p> <p align="center"><i>Embark on a journey with CHI INNOVATE where sustainability is not just a buzzword but a way of life.</i></p> <p align="center"><i>Hear from our experts how you can make a difference, as an individual or as a leader – whether you're a clinician, nurse, administrator, allied health professional or concerned industry practitioner!</i></p>	
10.00am – 11.30am (SGT)	<b>TedTalk Presentations &amp; Panel Discussion:</b> <b>Green Champions in Healthcare</b>  <i>Join us for a riveting and dynamic session where we showcase inspiring case studies &amp; enlightening stories from leading lights in healthcare who have successfully integrated environmentally sustainable practices into their own healthcare settings.</i>  <i>Our panellists will share firsthand experiences and lessons learnt on their journey to becoming sustainability champions, leaving you spellbound and brimming with inspiration. Discover how these trailblazers have defied convention, shattered barriers and empower both you and I to can make a difference in creating a greener, healthier future for generations to come.</i>  <u>Panellists:</u> <b>Benita Tan Kiat Tee</b> Co-Chair, Committee on Sustainability <b>SingHealth</b>
11.30am – 11.50am (SGT)	<b>CentreStage Speaker</b>  <b>Lim Tuang Liang</b>

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	Government Chief Sustainability Officer (GCSO) & Deputy Secretary (Special Duties) <b>Ministry of Sustainability and the Environment</b>							
11.50am – 12.10am (SGT)	<b>Moderated Q&amp;A</b>							
12.10pm – 1.15pm (SGT)	<b>Lunch</b>							
1.15pm – 2.25pm (SGT)	<p><b>Faceoff 2024:</b>  <b>Debate Motion - Sustainability Measures Within the Healthcare Setting Compromise the Quality of Healthcare</b></p> <p><i>Get ready to witness fiery arguments, thought-provoking insights, and game-changing perspectives as our debaters clash on the frontlines, tackling this hot-button motion! From reimagining resource allocation to navigating the ethical terrain of sustainability initiatives, every angle will be dissected, debated, and deliberated upon.</i></p> <p><i>We're bringing together clinical practitioners, industry leaders and visionaries to unravel the complexities of integrating eco-conscious practices into healthcare systems while safeguarding the quality of patient care.</i></p> <p><i>Don't miss out on being part of this electrifying debate that promises to challenge assumptions, ignite passions, and inspire action, all to shape the future of healthcare sustainability!</i></p> <p><u>Debaters:</u></p> <table border="1"> <tr> <td> <b>Diarmuid Murphy</b>  Group Chief Value Officer  <b>National University Health Systems</b> </td><td> <b>Karin Aue</b>  Design Director &amp; Partner  <b>Chemistry</b> </td><td> <b>Joanne Yeo</b>  Consultant, Anaesthesia  <b>Changi General Hospital</b> </td></tr> <tr> <td> <b>Renzo Guinto</b>  Associate Professor of Global and Planetary Health  <b>SingHealth Duke-NUS Global Health Institute, National University of Singapore</b> </td><td> <b>Prabu Naidu</b>  Patient Advocate  <b>SingHealth Patient Advocacy Network</b> </td><td></td></tr> </table>		<b>Diarmuid Murphy</b> Group Chief Value Officer <b>National University Health Systems</b>	<b>Karin Aue</b> Design Director & Partner <b>Chemistry</b>	<b>Joanne Yeo</b> Consultant, Anaesthesia <b>Changi General Hospital</b>	<b>Renzo Guinto</b> Associate Professor of Global and Planetary Health <b>SingHealth Duke-NUS Global Health Institute, National University of Singapore</b>	<b>Prabu Naidu</b> Patient Advocate <b>SingHealth Patient Advocacy Network</b>	
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2.25pm – 2.55pm (SGT)	<b>CentreStage Speaker</b>							

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	<b>Nick Watts</b> Director <b>Centre for Sustainable Medicine, National University of Singapore</b>
2.55pm – 3.15pm (SGT)	<b>Moderated Q&amp;A</b>
3.15pm – 3.45pm (SGT)	<b>Afternoon Refreshment</b>
3.45pm – 5.20pm (SGT)	<b>Innovation Challenge Finale</b>  <i>Introducing the inaugural CHI Innovation Challenge (Sustainability)!</i>  <i>On this dynamic platform, brilliant minds from diverse fields: <u>healthcare practitioners, academia, industry partners, youth/ students</u> will converge to tackle pressing sustainability challenges within healthcare industry.</i>  <i>This is the space for healthcare professionals, subject matter experts, designers and sustainability enthusiasts to collaborate and collectively transform the way we approach healthcare.</i>  <i>From eco-friendly healthcare technologies to preventive patient care solutions, the possibilities are limitless!</i>  <i>Our innovation challenge for 2024 will focus on solutions that are <b>immediately actionable</b>, designed to be <b>readily test-bedded</b>, implemented and swiftly adopted by Singapore's Public Healthcare Institutions.</i>  <i>Get ready to fuse one's creativity, technology and a shared passion to make an immediate impact in creating sustainable future for healthcare!</i>  <u>Judges:</u> <b>Sonia Roschnik</b> Executive Director <b>Geneva Sustainability Centre</b>
5.20pm – 5.50pm (SGT)	<b>CentreStage Speaker</b>  <b>Matt Winning</b> Head of Climate Research <b>Oxford Economics</b>
5.50pm – 6.00pm (SGT)	<b>Closing of Day 2 CHI INNOVATE 2024</b>

*\*programme schedule is subject to changes, accurate as of 03 Apr 2024.*

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