

Annex C: Collaborators

Participant	Bio
Lekker Architects	Lekker Architects is a multi-disciplinary practice that explores the social-emotional potentials of design. Our founders, Joshua and Shing, studied in environmental design (architecture & landscape) and in social science (cultural geography). We combine methods from both areas, to search for designs that enable; that help us to learn and grow, and form more inclusive kinds of collective relationships. We are excited by the challenge of catering to the full variety of human bodies, minds, and experiences—not just because it makes lives better, but also because it makes for more compelling design.
Ong Ker-Shing	Ong Ker-Shing is an architect and educator. She studied at Harvard College and Harvard Graduate School of Design, taking degrees in the fields of Fine Art, Architecture and Landscape Architecture. At NUS DOA, she teaches design as an Associate Professor in Practice and is the Programme Director for the undergraduate BA Architecture programme. For her work as an architect with Lekker, she was selected as one of URA’s 20 under 45 (Third Edition) in 2017.
Dr. Joshua Adam Comaroff	Joshua Comaroff is an Assistant Professor in the Urban Studies program at Yale-NUS College. He studied at Amherst College and Harvard Graduate School of Design, taking degrees in the fields of Literature, Architecture, and Landscape Architecture. In 2009, Joshua completed a PhD in cultural geography at University of California Los Angeles, writing on the subject of haunted landscapes and urban memory in Singapore. Joshua is a Design Consultant at Lekker.
Curator’s Comments	We were immediately drawn to Lekker due to their impressive work in promoting social impact and inclusion. Specifically, as part of the biennale, Lekker is showcasing a range of innovative projects that are changing the landscape of caregiving and education. For instance, their Oasis Day Hospice is a groundbreaking facility that offers a new approach to end-of-life care, while the Hack Care initiative is exploring ways to make homes more dementia-friendly. Additionally, Lekker's pioneering efforts in creating Singapore's first inclusive preschool, the Kindle Garden, have been instrumental in fostering a more inclusive society. We were inspired by the scope and impact of Lekker's work and are excited to see their contributions to the biennale.

Participant	Bio
WOHA Architects	<p>WOHA was founded by Wong Mun Summ and Richard Hassell in 1994. The Singapore-based practice focuses on conceiving integrated architectural and urban solutions to tackle the problems of the 21st century such as climate change, population growth and rapidly increasing urbanisation.</p> <p>WOHA works at all scales, from interiors and architecture to public spaces and regenerative master plans and integrates their systems thinking approach into each project. Their buildings are prototypes that are made up of interconnected human-scaled environments which foster community, facilitate stewardship of nature, generate biophilic beauty, activate ecosystem services and build resilience.</p> <p>Their book “Garden City Mega City” lays out fundamental strategies and principles for creating high-density urban environments that are also high-amenity and provide a better quality of life with environments that are vibrant, engaging and planned for long-term growth and sustainability. Their innovative rating system to measure the performance of buildings has garnered interest internationally and is being adopted into construction policies in several cities.</p> <p>WOHA has received a number of architectural awards such as the Aga Khan Award for One Moulmein Rise as well as the RIBA Lubetkin Prize and International Highrise Award for The Met. The practice won the 2019 CTBUH Urban Habitat and Best Mixed-Use Building and 2018 World Architecture Festival World Building of the Year for Kampung Admiralty and 2018 CTBUH Best Tall Building Worldwide for the Oasia Hotel Downtown.</p> <p>The practice currently has projects under construction in Singapore, Australia, China and other countries in South Asia.</p> <p>A travelling exhibition devoted exclusively to their work opened at the Deutsches Architekturmuseum, Germany, in December 2011, and four monographs have been published on WOHA’s projects to date. “Garden City Mega City”, a summation of their template for rethinking architecture and cities for the 21st century was published in 2016.</p> <p>WOHA’s “Garden City Mega City” exhibition opened at The Skyscraper Museum in New York March – September 2016 and thereafter in Mexico for the Mextropoli Festival from March – April 2017. The exhibition returned to the United States February – April 2018 where it was on show at the Austin Central Library in Texas.</p>
Wong Mun Summ	<p>Mun Summ is the co-Founding Director of WOHA, an international award-winning architectural practice based in Singapore. He is a Professor in Practice at the National University of Singapore at the Department of Architecture, School of Design & Environment. He sits on the Nominating Committee of the Lee Kuan Yew World City Prize and other design advisory panels in Singapore. As Co-Founding Director, Mun Summ leads WOHA’s project teams in design execution and contract implementation of innovative private and institutional works.</p>
Richard Hassell	<p>Richard is the Co-Founding Director of WOHA. He graduated from the University of Western Australia in 1989 and was awarded a Master of Architecture degree from RMIT University, Melbourne, in 2002. He has served as a Board Member of DesignSingapore Council, the Board of Architects as well as the Building and Construction Authority of Singapore. He has lectured at many universities and</p>

	<p>served as an Adjunct Professor at the University of Technology Sydney, and the University of Western Australia. As co-Founding Director, Richard leads WOHA's project teams in design execution and contract implementation of innovative private and institutional works.</p>
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<p>Curator's Comments</p>	<p>We were immediately drawn to WOHA because of their unique approach to sustainable architecture and design. What particularly caught our attention were the thought-provoking questions they are exploring, such as how to create diverse and delightful environments, how to achieve density without sacrificing amenity, and how the built environment can foster a sense of community. We were also intrigued by WOHA's efforts to measure what it values, which has led to the development of its own rating system. Unlike market-driven indices that often prioritise profitability over social and environmental impact, WOHA's rating system is specifically designed to measure the qualities that matter most to them.</p> <p>WOHA's commitment to sustainable architecture is exemplified in their ground-breaking projects such as PARKROYAL COLLECTION Pickering, Kampung Admiralty, School of the Arts (SOTA), OASIA Hotel Downtown, and SkyVille@ Dawson. These projects showcase WOHA's innovative approach to creating environmentally sustainable buildings that are also socially and aesthetically pleasing. We were impressed by WOHA's vision for sustainable design and their ability to translate it into tangible, meaningful projects that positively impact the communities they serve.</p>
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Participant	Bio
Hwang Yun Hye	<p>Yun Hye Hwang is an accredited landscape architect in Singapore, an Associate Professor in MLA. Her research speculates on emerging demands of landscapes in the Asian equatorial urban context by exploring sustainable landscape management, the multifunctional role of urban landscapes, and ecological design strategies for high-density Asian cities.</p> <p>She obtained a post-professional MLA degree from the Graduate School of Design in Harvard University, USA and MLA degree from Seoul National University. Yun Hye previously worked as a design director for public housing landscape projects in Korea for many years where she received several landscape awards from government authorities.</p> <p>Yun Hye has won several international design awards for her built works including Landscape Institute award 2017 and IFLA APR excellent awards 2017 and is widely published in book chapters, landscape magazines, and peer-reviewed journals and actively participated in framing landscape design and management guidelines with a collaboration with government authorities including NParks and HDB.</p> <p>BLOG:https://blog.nus.edu.sg/urbanwildlab/</p>

Curator's Comments	<p>We covered two of Yun Hye's research foci – how landscape architecture can address socio-ecological impacts of deforestation; and intended wildness, a method of landscaping that encourages biodiversity in the city.</p> <p>We were deeply interested in how a landscape architect passionate about the cause of improving biodiversity worked within the context of Singapore. One of the studies we drew from addresses the gap between ecological design principles and the generation of actionable design strategies. Yun Hye attempts to draw explicit links between them to guide future attempts to generate design solutions to the issue of secondary forest loss. The study identifies actionable and contextualised design strategies from 18 academic design studio projects dealing with threatened secondary forest sites in Singapore and examines the ecological concepts which underpin the design strategies. These design strategies were then mapped to urban ecological principles.</p> <p>We are also showcasing Yun Hye's advocacy and research around intended wildness as a novel approach to designing and managing urban green spaces. We appreciated learning about her proposed strategies that promote diverse and spontaneous growth of urban green spaces and her consideration of how design can engender public acceptance for them.</p>
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Participant	Bio
Anuj Jain	<p>Dr. Anuj Jain is the Founding Director and Principal Ecologist at bioSEA, an Ecology and Biomimicry Design consultancy in Singapore. Anuj works with architects and designers to create landscapes that are good for nature and people through transformative ecological and biomimicry design interventions.</p> <p>With a PhD in urban ecology and wildlife conservation and a Biomimicry Professional Certification by Biomimicry 3.8, his flagship projects range from creating the world's longest butterfly trail in Orchard Road Singapore, initiating Every Singaporean a Naturalist citizen science program, to help conserve some of the world's most threatened birds in Southeast Asia. He has also contributed to various award-winning built projects such as OASIA Hotel Downtown, Kampung Admiralty and Yishun Boardwalk in Singapore. Apart from bioSEA, Anuj is a National Geographic Explorer, and the Founding Member of Biomimicry Singapore Network. He also consults with BirdLife International and teaches part-time at the National University of Singapore. His latest obsession includes developing a biomimicry design toolkit for tropical building skins.</p>

Curator's Comments	<p>We approached Anuj as he had worked with WOHA offering ecology and biophilia design services to a number of their projects including OASIA Hotel Downtown and Kampung Admiralty. We covered some of these services, while also sharing about his work making buffer zones between forest and urban areas. We also talked about his dedication in generating interests, education and tools for biomimicry design. His contribution to this exhibition is his insight on how humans and wildlife can try to coexist in a quickly developing city.</p>
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Participant	Bio
Annabelle Tan	<p>Annabelle Tan is an urban designer who has a keen interest in city-making and its relation to socio-political systems, ranging from dominant regimes to everyday practices. Her masters and undergraduate projects, undertaken at the Bartlett School of Architecture, explore and narrate experimental ways of living that critique our relationship with nature and one another, merging both past cultures, present urban conditions and future technological systems. Her projects in both design and writing have won numerous awards, most recently winning the RIBA 2022 Silver Medal for design and dissertation.</p>

Curator's Comments	<p>We featured Annabelle's investigation into notions of 'tropicality' in the context of Singapore. Historically, concepts of nature, comfort, civil behaviour and progress have been shaped by depoliticised agendas grouped under the umbrella of 'tropicality'. Framing 'tropicality' in terms of scarcity and affordances, the project 'unmakes' colonial vestiges of 'tropical success' that linger in infrastructure and 'remakes' a landscape of affordances. Spanning 4.2 km, the scheme is a socio-ecological continuum linking a threatened forest to a national nature reserve. Along its length, social and physical constructs of scarcity are dissected, leaving behind a new imaginary towards productive and performative dwelling practices that synthesise nature and culture.</p>
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Participant	Bio
<p>Spatial Anatomy (Calvin Chua, Aurelia Chan, Chew Yunqing)</p>	<p>We respond to today's complex urban challenges by treating each project as a chance to intervene in the contingencies of urban life shaped by evolving socio-political conditions.</p> <p>Interweaving inquiry, advocacy and creation, we approach the built environment through the agency of research, while practically structuring our design process with diplomacy and engagement.</p> <p>Based in Singapore, we operate in the most socially and politically challenging parts of Asia.</p> <p>As we uncover the embedded needs of urban environments and postulate their futures, we design systems, spaces and objects that sensitively mediate across cultures and scales.</p> <p>From standalone infrastructures to expansive masterplans, we shape unique experiences and unexpected moments. We balance multiple scales in tandem as we scope comprehensive strategies for the urban environment, while simultaneously developing solutions for resilient everyday spaces.</p> <p>Across our diverse interventions, we maintain attentiveness to detail, geometry and perception to craft simple forms that subtly impact patterns of experience and use.</p> <p>Amidst uncertain future, we answer society's big questions by balancing the urban goals of liveability, productivity and resilience alongside the nuances of rhythm, playfulness and serendipity.</p>

<p>Curator's Comments</p>	<p>We covered Spatial Anatomy's research on the future of Singapore malls. Framing the future of malls as a cycling between the two extremities of 'life' and 'death', they developed a spectrum of strategic actions that straddle revitalization, rehabilitation, and decommission, each expressing in a different way their proposition for older malls to re-express their functions as community-centric sites of enhanced economic and cultural participation. Outputs from their project was a board game for stakeholders to collectively figure out the course of actions to take on older malls, and a metaverse that archived the spirit of a particular mall through its 56-year history.</p>
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Participant	Bio
Orang Laut SG	Orang Laut SG is a public archive that engages in the traditions and livelihoods of the Orang Laut, the indigenous people of Singapore through art, activism, and food. It is run by Firdaus Sani, a fourth-generation Orang Laut, who traces his family's history to Pulau Semakau, an island that was converted into Singapore's landfill in 1977.

Curator's Comments	Expanding our understanding of intangible measures means getting the perspectives that are often obscured. The indigenous experience is one of them. We talked to Firdaus about his experiences advocating for the awareness and acknowledgement of Singapore's indigenous people. And specifically about an exhibition collaboration with Edible Garden City (EGC) on an exhibition at their rooftop garden. It took place in January 2023– Chinese New Year– and at the bequest of the mall, made their exhibition about the rabbit, this year's zodiac animal and a non-native species to Singapore. The show entitled Asal;Asli problematised the idea of "indigeneity, from community to nature" through poems, personal photos and installations of fishing traps.
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Participant	Bio
Kar-men Cheng	<p>Kar-men's art is informed by her research background in education sociology, and intimately intertwined with personal histories which she seeks to understand. She is intrigued by the power of roleplay to create new realities, through its facilitation of different contexts, unexpected biases, and momentary alliances. Her work often begins with social relations as material and transforms into a medium that feels right— often sound and video installation. Recently, she has been focusing on the libidinal dynamics of familial relations, examining her own home and its relationship to wider societal structures and geopolitical tensions. Outside her art practice she is a freelance copywriter and researcher. She regularly produces articles for 3Pumpkins, a community art and social development organisation.</p> <p>Relevant projects include two artworks for "Beauty (Meta) World", an interactive digital archive of Beauty World Shopping Centre (2023), "Shopping for Culture in a Single-owner Society", a chapter in The Singapore Mall Generation (2022); Native Seed Network (2021), an open platform to exchange seeds and stories across borders, supported by Goethe Institut Singapore; and "The Social and Cultural Capital of Singapore's Independent Electronic Music Scenes" (2018), a year-long independent research study, supported by the National Arts Council of Singapore.</p>
Elwin Chan	<p>Elwin is an independent creative practitioner at the intersection of communications, design, and art. He earned his Bachelor's degree from Nanyang Technological University and is currently preparing to pursue a Master of Arts in Museum Studies and Curatorial Practices. With a strong foundation in copywriting, Elwin began his career at Ogilvy & Mather and eventually traversed the WPP network to become Associate Creative Director at 10AM Communications.</p> <p>Elwin's contributions to the industry have been recognised with awards from Cannes Lions, New York Festivals, ADFEST, Creative Circle Awards, Hall of Fame, EFFIES, and Best of Ogilvy and Mather. His versatile skill set and established track record reflect his commitment to his craft.</p>

	As Elwin prepares to embark on his next academic pursuit, he is dedicated to exploring innovative ways to connect art, design, and communications. He aims to create meaningful solutions and stories that engage his audience and bridge the gap between these fields.
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Curator's Comments	Elwin Chan and Kar-men Cheng researched the exhibition participants through interviews and literature review, and elucidated the theme of measuring intangibles through various featured projects. Together with Adrian, the two of them wrote up the various texts seen within the exhibition and in the collateral, and came up with questions on the cards and on several survey machines. These incisive questions are meant to provoke reflection on the meaning of intangible values, and the contradictory experiences a society might face when trying to live by them. They also worked with the content curator Adrian Lai in mining and refining different understandings of the theme of the show.
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Participant	Bio
Edible Garden City	We are a social enterprise dedicated to creating social change through community-centric agriculture. We champion the "Grow Your Own Food" movement in Singapore, empowering home gardeners and promoting urban farming in our city. Our grounding philosophy is that growing our own food connects us with nature and cultivates a sense of community. Through edible landscaping, we have activated more than 260 underutilised areas in schools, homes and businesses into green community spaces. Our closed-loop farming model produces fresh and nutritious vegetables from chefs and home cooks. Additionally, EGC teaches and supports fellow farmers and hires from disadvantaged communities.
Bjorn Low	Bjorn Low is a practicing urban farmer and a social changemaker. He is an Ashoka fellow, a young leader of the World Cities Summit and the co-founder of Edible Garden City, an urban farming social enterprise. Bjorn's practice and research focuses on identifying the value that urban agriculture brings to the communities of highly-dense and food import-dependent cities such as Singapore. He has a keen interest in how shifts in social ecology and demographic changes, as well as the rapidly ageing population, presents a new opportunity for urban care farms to play a bigger role in the rejuvenation of cities.

Curator's Comments	<p>We were connected to Bjorn through Mun Summ of WOHA. They are collaborators who are both passionate about introducing nature to the urban environment, as well as nurturing a sense of community and bringing people together in the city.</p> <p>Bjorn has also come up with a Nutrition Landscape Index to measure the nutrient density of edible gardens and promote the cultivation of longer cropping vegetables in urban areas. By using the Index to assess the nutritional value of various crops, urban farmers can optimise their plantings to provide the maximum nutritional benefit to urban communities. This is just one example of Bjorn's commitment to sustainable design and his creative approach to solving some of the most pressing challenges facing urban areas today.</p>
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Participant	Bio
Dr Emi Kiyota	<p>Emi Kiyota, PhD, is an Associate Professor at the Yong Loo Lin School of Medicine and College of Design and Engineering, and Deputy Executive Director, Centre for Population Health at the National University of Singapore.</p> <p>She is an environmental gerontologist with more than 20 years of experience in designing and implementing person-centred care in long-term care facilities and hospitals globally. In addition to making a vast array of contributions to national and international initiatives focused on quality improvement in the built environment for long-term care and ageing services, Dr Kiyota holds great concern for the needs of elders in low-middle income countries.</p> <p>In 2010, she founded charitable organisation Ibasho, dedicated to co-creating socially integrated, sustainable communities that value their elders, embodying the Japanese concept of a place where one feels at home being oneself. Her current focus is on creating socially integrated and resilient cities where elders are engaged and able to actively participate in their communities. She has been awarded fellowships to investigate this topic, including the Loeb Fellowship at the Graduate School of Design at Harvard University, the Rockefeller Bellagio Residency Fellowship, Atlantic Fellowship for Equity in Brain Health at the Global Brain Health Institute at University of California, San Francisco. She holds a Ph.D. in architecture - Environment and Behavior Studies - from the University of Wisconsin-Milwaukee, a Master of Architecture and a Master of Science in Horticulture Therapy from Kansas State University.</p> <p>Dr Kiyota is currently based in Singapore and looking into incorporating Ibasho into the Health District@Queenstown. The pilot programme aims to design an age-friendly community by creating integrated solutions to enhance the health and well-being of residents across their life stages.</p>

Curator's Comments	<p>As an environmental gerontologist, Emi bridges the gap between healthcare and architecture. Her work is especially inspiring because of her commitment to challenging the way we perceive and treat our elders. One of Emi's most notable achievements is the Ibasho project, which has been successful in creating a sense of community and purpose for older persons. The project provides elders with opportunities to contribute to their communities, share their stories and wisdom, and engage in meaningful activities that promote their physical and emotional wellbeing.</p> <p>As we prepared for the biennale, we were excited to feature Emi's work and profile how she is looking to replicate the Ibasho model in Singapore's new health district. This is a significant undertaking, as Singapore's ageing population is growing rapidly, and there is a pressing need for innovative solutions that can meet the needs of older persons in a way that is respectful, dignified, and empowering. By working to expand the impact of her approach to eldercare, Emi is demonstrating the power of interdisciplinary collaboration and the potential for architecture to play a transformative role in healthcare.</p> <p>Overall, we were impressed by Emi's visionary approach to environmental gerontology and her ability to create tangible, impactful solutions that address some of the most pressing challenges facing our society today. We believe that her work is an inspiration to others in the field and has the potential to change the way we think about ageing and eldercare.</p>
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Participant	Bio
Thomas Schroepfer	<p>Professor Thomas Schroepfer obtained his doctoral degree and master's degree with distinction from Harvard University. He began his academic career at Harvard's Graduate School of Design where he was appointed Assistant Professor of Architecture in 2004 and Associate Professor of Architecture in 2008. He was appointed Full Professor after joining the Singapore University of Technology and Design in 2011 where he became the Founding Programme Director and Associate Head of Pillar of Architecture and Sustainable Design and currently serves as the Director of the University's award-winning Advanced Architecture Laboratory. He is also the Co-Director of the Singapore-ETH Centre Future Cities Laboratory Global where he leads the Dense and Green Cities research module since 2015. He has published extensively on his work that has been exhibited at important international venues including the Venice Biennale and the World Architecture Festival and is the recipient of prestigious awards and recognitions including the Asia Education Leadership Award, the German Design Award, and the President's Design Award, Singapore's highest honour accorded to designers and designs across all disciplines.</p>
Srilalitha Gopalakrishnan	<p>Srilalitha Gopalakrishnan is a landscape architect with over 15 years of professional experience and diverse projects across Singapore, Malaysia, China, Hong Kong, and India. She has worked with Tierra Design in Singapore for over 11 years on a wide range of projects with many of her projects winning several accolades including the President's Design Award for Design of the Year for PARKROYAL COLLECTION Pickering. Her research interests focus on the performance of integrated landscape design in high-density urban environments for resilient and sustainable urban design solutions. She is currently working as a Postdoc researcher and Project Coordinator for the Dense and Green Cities: Emerging Models of Integrated Urban Developments project at Future Cities Lab Global. She is also the President of the Singapore Institute of Landscape Architects (SILA). She represents SILA at various national-level committees and strategic planning groups and chairs SILA's Leadership in Design Strategic Pillar.</p>
Curator's Comments	<p>Thomas and Srilalitha are at the forefront of developing innovative ways to measure the impact of architecture on people and communities. In the WOHA-designed Kampung Admiralty, they utilised various Network Science tools to analyse and visualise how people move, interact, and occupy the spaces within the vertical village. Through their work, they showcase the potential of these tools to gain valuable insights into how people use and interact with the built environment, and how to create more vibrant, liveable, and sustainable communities. By contributing to the development of new ways to measure and understand architecture, they are helping architects and urban planners make better decisions around social integration - a critical consideration for the future of our cities.</p>

Participant	Bio
WY-TO	<p>WY-TO is a multidisciplinary design studio based in Paris and Singapore with a decade of built environment experience that focuses on holistic society improvements through purposefully planned spaces and everyday interactions.</p> <p>First founded in Singapore by Managing Director and Head of Design, Yann Follain in 2010, WY-TO has since grown its multifaceted studio to Paris with Co-founder and Paris's Director, Pauline Gaudry in 2012. Our diverse portfolio is enriched with each country's heritage that has shaped and synthesised our design approaches in various creative fields. Supporting this is the fundamental belief that Design must serve a cause.</p> <p>Through well-tailored environments, we achieve and set better living quality standards in metropolitan and rural projects.</p> <p>Inspired by each studio's exchanges, day-to-day encounters, and the ever-evolving landscape, we constantly refine our creative, practical, and ethical design ideologies. Our intuitive concepts with distinct human-centric themes seek to educate and unify everyday interactions, regardless of background, religion, gender or age group.</p> <p>Grounded by research-proven methods, WY-TO continuously goes beyond and harmonises form, function, and design.</p>
Yann Follain	<p>Yann Follain is the founder of WY-TO Singapore and Co-founder of WY-TO architects in Paris. He was named, together with Pauline Gaudry, co-founder of WY-TO architects in Paris, one of Europe's most important and emerging young architects and designers in Europe 40 Under 40 for 2016 by The European Centre for Architecture Art Design and Urban Studies and The Chicago Athenaeum: Museum of Architecture and Design.</p> <p>He has built a rich multicultural experience from his formative years in Indonesia, France, and Singapore. Embracing multidisciplinary approaches to grow WY-TO Singapore has established Yann's diverse expertise in sustainable design through community programming, cultural curation and experiential exhibitions. Together with his team, WY-TO received the Future-Maker award at the Beijing Global Innovation Conference and an Honourable Mention at the international Red Dot Design Competition in 2016.</p> <p>He is a frequent speaker on tropical sustainability and museum curation in the region and has been appointed Festival Director of Archifest 2018 (Singapore Architecture Festival). Yann is also an Associate Member of the Singapore Institute of Architects since 2013 and served as a member of the Advisory & Commissioning Panel for the Public Art Trust within the National Arts Council Singapore from 2015 to 2017. He is the current Co-chair of the Society for Experiential Graphic Design (SEGD), one of the 5 curators of "Art in Transit" by Land Transport Authority (LTA) for the new Mass Rapid Transit (MRT) lines, as well as a member of the International Council of Museums (ICOM) since 2017.</p> <p>He received his Master of Architecture degree from one of France's leading institutions, the National Architecture School of Higher Education of Paris-Belleville in 2005.</p>

Curator's Comments	<p>For the Biennale, WY-TO has contributed their research on the 'Singapore Well-Being Framework for the Built Environment of Tropical Cities.' Their work introduces a toolkit to measure aspects of the built environment that are often overlooked or difficult to quantify. By focusing on the specificity of well-being in high-density metropolises of the Global South, particularly within tropical and equatorial environments in the era of climate change, they hope to initiate meaningful discussions on this critical topic. Overall, their work offers fresh perspectives on how to approach urban planning and design in the context of well-being and sustainability.</p>
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Participant	Bio
Lip Chiong	<p>Lip Chiong is an architect-turned-artist using AI technology as a medium to create otherworldly environments in the form of immersive still and moving images. He is interested in emotive and sensorial latent worlds that elicit thoughts and feelings and cannot be imagined by humans alone.</p> <p>Lip is also a UK chartered architect, winner of the 2014 Radical Innovation Award Grand Prize and the Golden A' Design Award 2017. Lip was the founder of design firm Studio Twist based in Shanghai between 2007 and 2020.</p> <p>Between 2003-2006, Lip worked in ARUP's Advanced Geometry Unit in London led by Cecil Balmond and Charles Walker, where he was project architect on projects such as the glass ceiling installation in the British Pavilion with David Adjaye for Chris Ofili in the 2003 Venice Biennale, and the 2005 Serpentine Gallery Pavilion with Alvaro Siza in London.</p> <p>Lip graduated from National University of Singapore and subsequently the Architectural Association Diploma School in London with Technical Thesis Distinction in 2002. In his youth, Lip studied Higher Art in the Art Elective Programme during his O levels and A levels with distinction.</p>

Curator's Comments	<p>For the Singapore Pavilion, Lip contributed 3 distinct AI artworks using different techniques that posed 3 of the 6 key questions asked by the Values Measurement Machine centrepiece.</p> <p>With "How much should we tame nature?", Lip created a series of AI images that portray nature in its various states, ranging from nature as a wild jungle before humans arrived, to human habitats forming communities that farm and tame nature for food and aesthetics, and how nature takes over man-made structures again when humans leave the scene, provoking us to consider the impact of humans and their relationship with nature.</p> <p>In "Are rural aspirations urban opportunities?", Lip produced 30 images that are photomontages of AI generated images and real photos of a cross-sectional scene of a typical Singaporean public housing apartment interior and communal corridor. Each of these scenes portray different lifestyle choices but highlights the different levels of yearnings for nature, or for the rural way of life, as caricaturised attitudes of the urban dweller.</p> <p>"When was the last time you felt like an outsider?" is a set of over 100 AI generated watercolour images of places for learning, work and production, consumption and shopping, dining and cultural experiences. Some of these places evoke a sense of belonging if the viewer identifies with it, but on its</p>
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	flipside, signal some exclusivity to different social groups by way of costs of lifestyle, interest groups, age and so on, raising the question of inclusivity in our day-to-day spaces.
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Participant	Bio
Pennie Kwan	Pennie Kwan is an aspiring architect who recently graduated from the Masters of Architecture programme in National University of Singapore (NUS). Her recent project explored constructs of humour which inform architecture and its potential in eliciting normally invisible narratives. Pennie also has a background in Fine Art and has been painting portraits for many years.

Curator's Comments	<p>Pennie contributed a digital interactive artwork, one of the six interactive experiences the visitors encounter as they are surveyed for their views and values at the Values Measurement Machine.</p> <p>Her artistic sensitivity and her background in fine arts and architectural training combine into an exciting interpretation of the question, "When was the last time you allowed someone to change your mind?"</p> <p>As the visitor scrolls the spectrum of responses to the question, they see a simulation of an evolving oil painting that visualises different spaces of connections, varying in scale, closeness and density. of inclusivity in our day-to-day spaces.</p>
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Participant	Bio
Isabella Ong	<p>Isabella Ong is a Singapore-based artist working across the fields of art, materiality, research and technology. Her practice is informed by a desire to unveil the complex entanglements of how we relate to the natural environment; combining computational techniques with the investigation and use of tangible materials, such as volcanic sand and debris. Through her artworks, she interrogates the role of the artist in the context of a warming world, using her work as a medium to communicate the science of ecology to a broader audience. With an emphasis on how we are all reciprocally and remarkably connected, she hopes that her artworks will lead us to a more affectionate relationship with the environment.</p> <p>Her work exhibits internationally, including at COP26 in Glasgow and National Design Centre, Singapore. Other works have been exhibited at the Dutch Design Week and Today Art Museum in Beijing. She studied architecture at the National University of Singapore (NUS) and received her MArch in Design for Performance and Interaction from the Bartlett, UCL.</p> <p>She is a co-founder of awe.curation, a platform that curates and presents emerging artists and practices whose works are relevant in the intersection of art, new media and technology.</p>

Curator's Comments	Isabella is the designer of the Values Measurement Machine, the centrepiece of the Singapore Pavilion, alongside 41 (and counting) Relatable Questions, providing context to the theme, "WHEN IS ENOUGH, ENOUGH? The Performance of Measurement".
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	<p>A key member of the curatorial team, Isabella understood the curatorial theme intrinsically and developed it alongside the curators from the earliest days of its conception. Her early work culminated in her conceptualising, designing and developing the technical solutions as well as being on-site to complete the installation of the centrepiece in Venice.</p>
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Participant	Bio
<p>Jerome Ng Xin Hao</p>	<p>Jerome Ng Xin Hao is an architectural designer and an educator who is an enthusiast in Architecture, Film and Visual Communication. Jerome has always believed in an interdisciplinary approach to design projects, developing unique and multifaceted works that span across different scales and fields.</p> <p>Jerome also believes strongly in the power of storytelling; imagining and speculating on narratives within design that traverse the realms of architecture and material craft; and communicate meaningful messages embedded in the creative processes. The projects usually adopt a nuanced approach to speculative research, utilising both analog and digital tools to interrogate urban tectonics and reveal the narrative potential of nascent spaces. Nevertheless, there is a consistent strand grounding his work - he strives to work on projects touching on social and cultural issues within societies and contributing to the wider community with designs that make real, tangible differences in their lives.</p> <p>His works have won awards and accolades including the Red Dot Design Award; Best of the Best and was also the nominee for the Red Dot Luminary Award. He has also won the World Architecture Festival: Architecture Drawing Prize in both years, 2017 and 2019 and have received the British Institution Award during his exhibition in the Royal Academy 250th Summer Show.</p>

<p>Curator's Comments</p>	<p>Also contributing an interactive artwork as part of the survey experience in front of the Values Measurement Machine, RIBA Silver medalist Jerome utilises his artistic and architectural design language to create an evocative visual experience that reflects varying spirits of place, memory and the subjective relation between nostalgia and novelty.</p> <p>The question "How do the emotional and aesthetic interact in heritage places?" inspired Jerome to produce a series of morphing digital drawings that depict the city's elusive negotiation between the intangible qualities of attachment and attraction.</p>
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