

Creative Transformation



By Dr. Raymond Yau, General Manager, Technical Services and Sustainable Development Swire Properties Limited



















Our Company



















Year 2016

26.5 Million sq. ft. **Investment Properties:**

[Office, Retail and Hotel]

16,792 Million HK\$ Revenue: **Underlying Profit:**

7,112 Million HK\$





United States



Brickell City Centre in Miami, US

Mainland China



Hong Kong



HKRI Taikoo Hui,

Shanghai













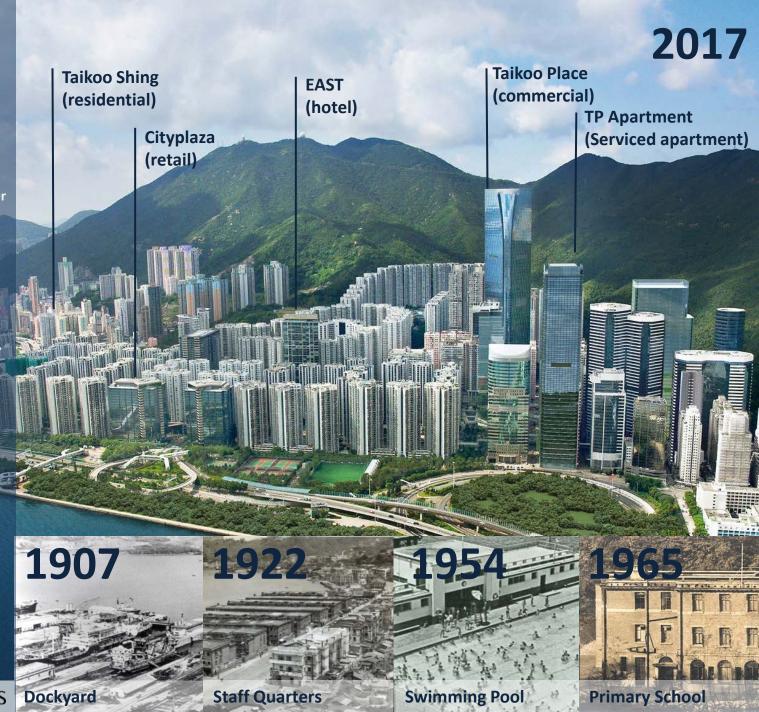


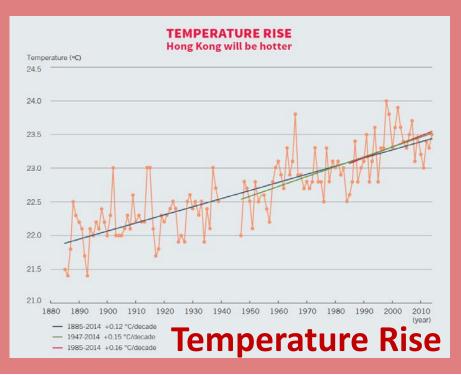




In 1989, Sir Adrian Swire (former chairman of John Swire & Sons) stated...

"As a Group we should always seek to be ahead of legislation rather than reacting to it: that even if the environmentally "clean" way of doing something is more expensive and therefore on the face of it uneconomic, we should always, regardless of mandatory legislation, have a close look at the overall feasibility of adopting such a practice, both from the point of view of general public good and enlightened self-interest."







Mitigation Adaptation Resilience



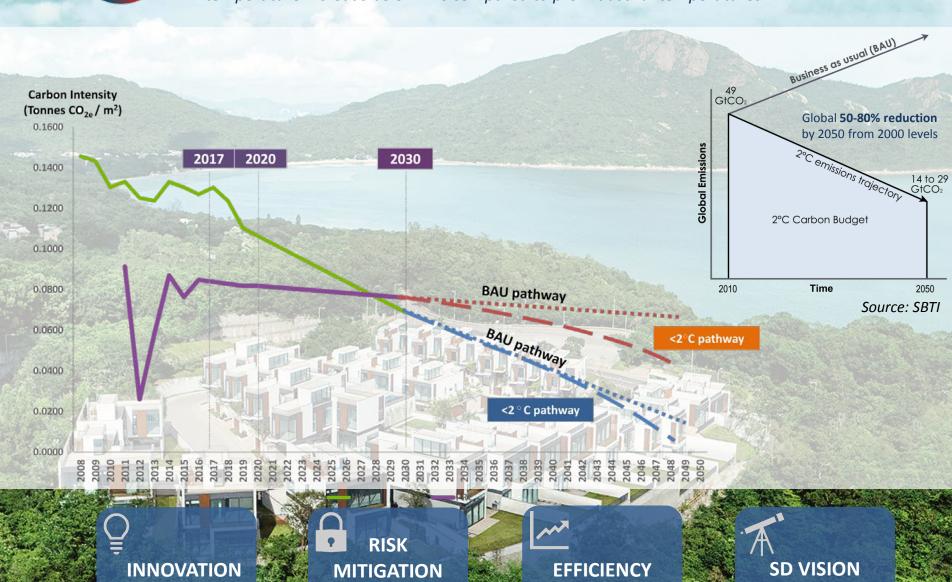




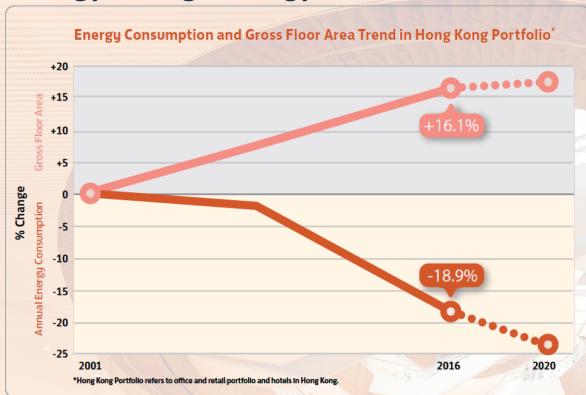


Setting a Science Based Target for Swire Properties

"Science-based targets are in line with the level of decarbonisation required to keep a global temperature increase below 2°C compared to pre-industrial temperatures."



Energy Saving Strategy and Achievement





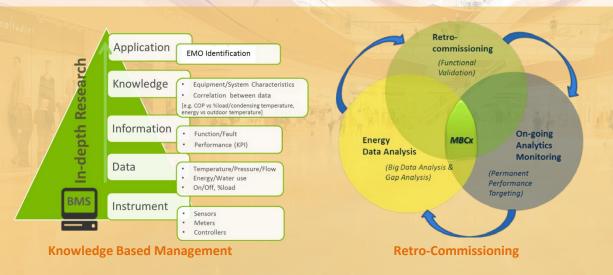


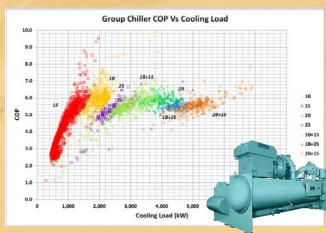


2014 Annual Report on China Building Energy Efficiency









Chiller Group COP Coefficient of Performance 7



SD 2030 Strategy

"Our vision is to be the leading sustainable development performer in our industry globally by 2030."

Guy Bradley Chief Executive



Creative Transformation



SD 2030 Strategy Taikoo Place Redevelopment

PLACES



PEOPLE



PARTNERS

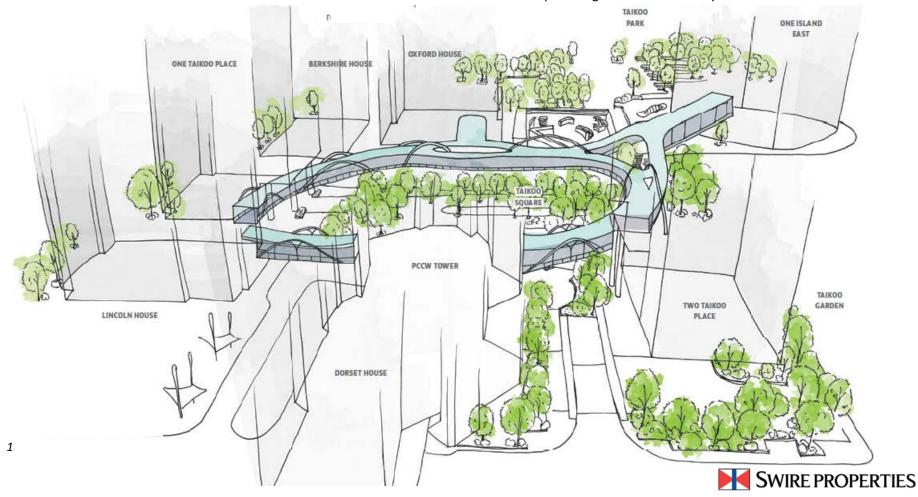


PERFORMANCE (ECONOMIC)

- Long-term Investment

- Connecting Places
- Employee Contributions
- Integrated Design Approach
- Partnering on Innovation
- Capitalising on Data Analytics
- Waste to Energy
- Green Technology
- Optimising Resource Efficiency

LiveabilityNatural Ventilation



Come and Find Out SPL's Experience on Sustainable Development

Day 1 • 5 June 2017 (Mon) • Parallel Session 2 • 16:30 - 18:00

Session 2.7 - Session Organiser:

Swire Properties Ltd.

Deep Energy Saving and Other Innovative Green Measures for Commercial Buildings in Hong Kong, Mainland China and Overseas

Level 2 - S224 & 225

Session Chair: Benny AU

Sustainable Development Manager, Swire Properties Ltd., Hong Kong SAR

Sustainability Strategies on Deep Energy Saving and Energy Management of Property Developer

Raymond YAU, General Manager, Technical Services & Sustainable Development, Swire Properties Ltd.

Overview of Building Energy Efficiency in China and the Upcoming Trend WEI Oingpeng, Building Energy Research Center, Tsinghua University, Beijing

Cost & Value: Multiple Benefits of Green Commercial Buildings in Western Countries Phil JONES, Chair Architectural Science, Welsh School of Architecture, Cardiff University, United Kingdom; Visiting Research Professor, Faculty of Architecture, University of Hong Kong, Hong Kong SAR

YKK80 High Efficiency Building - Radiant Control Both Outside and Inside Kitaro Mizuide, General Manager, M&E Design Department of NIKKEN SEKKEI, Japan

Performance Synergy from Integrated Design, Construction and Operation. Case Study on a High Performance Grade A Office - Swire One Talkoo Place Vincent CHENG, Director of Building Sustainability, Arup, Hong Kong SAR

Exhibition Booth no.12-13 - 5 to 7 June





Swire Properties Ltd.

The Secret Ingredients of Sustainable

Day 2 • 6 June 2017 (Tue) • Parallel Session 4 • 16:30 - 18:00

The Secret Ingredients of Sustainable Real Estate Development

Level 2 - S224 & 225

Session Chair: Ashley HEGLAND

Session 4.7 - Session Organiser:

Consultant, Swire Properties Ltd.

Themes/Trends of Sustainable Urban Planning and Sustainable Built Environment Christopher LAW, Founding Director, Oval Partnership, Hong Kong SAR

Ingredients of Sustainable Real Estate: Criteria, Transparency, Engagement Ruben LANBROEK, Head of Asia Pacific, GRESB, Singapore

Climate Change and Sustainable Real Estate: The Environmental, Social, and Economic Implications

Liam SALTER, CEO, RESET Carbon

Swire Properties' Approach to Sustainable Real Estate
Raymond YAU, General Manager, Technical Services & Sustainable Development, Swire
Properties Ltd.

Other Four Technical Papers

- Retro-commissioning Practice and In-depth Analysis Leading to Efficiency Optimization on HVAC Systems: Case Study on A Retail Mall in China. Jean Qin, Building Services Manager
- Remarkable Energy Retrofit for Existing Buildings by Advanced Fan Technology: Electronically Commutated Motor Plug Fan. Isaac Tsang, Assistant Building Services Manager
- Bringing Sustainable Neighbourhood Design into Reality -Case Sharing by Brickell City Centre, Miami. Benny Au, Sustainable Development Manager
- Telecommunications Infrastructure for High Performance Buildings. Philip Tai, Telecommunications Manager







THANK YOU!

