

How's your bottom line?

...embracing Life Cycle Cost analysis

Stephen Ballesty, FRICS, FAIQS, IFMA Fellow, ICECA, CQS, CFM In-Touch Advisory

... connecting you with solutions for your Built Environment

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property-construction-facilities life cycle. ☐ As a Quantity Surveyor, prior to In-Touch Advisory, Stephen had a

☐ Stephen's consulting firm In-Touch Advisory connects

distinguished career with RLB spanning four decades, including leading Advisory and Research initiatives. Amongst his professional honours in 2013 he received an AIQS Lifetime Achievement Award.

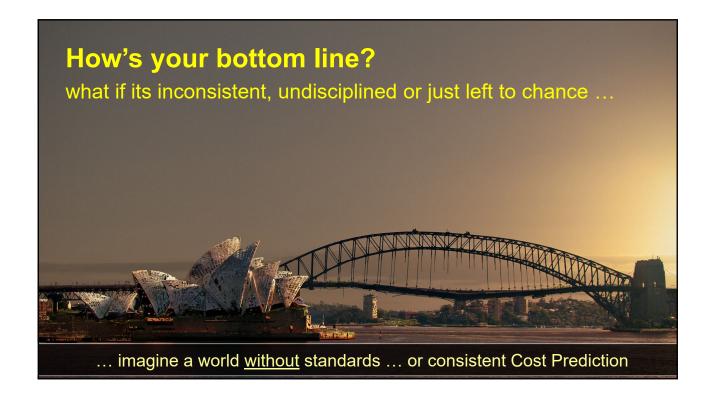
stakeholders with solutions for the Built Environment across the

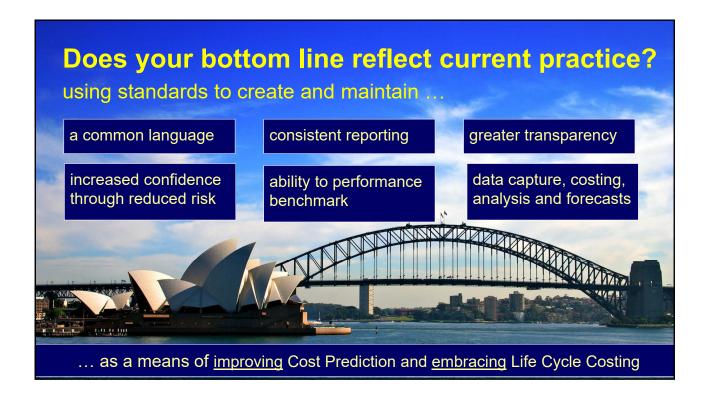
- Stephen is the currently the Regional Director Australasia for IFMA's FM Consultant Council. He is also a former member of the IFMA Global Board of Directors and Past Chairman of the IFMA Research Committee, IFMA Foundation and FMA Australia.
- ☐ Some recent relevant publications that he has contributed to include the:
 - AIQS' Information Paper on Life Cycle Cost Analysis, 1st edition, 2022.
 - RICS' Professional Statement, global: Cost Prediction, 1st edition, 2020.
 - RICS' Guidance Note, global: Technical Due Diligence, 1st edition, 2020.
 - and the ISO 41000 series FM standards.

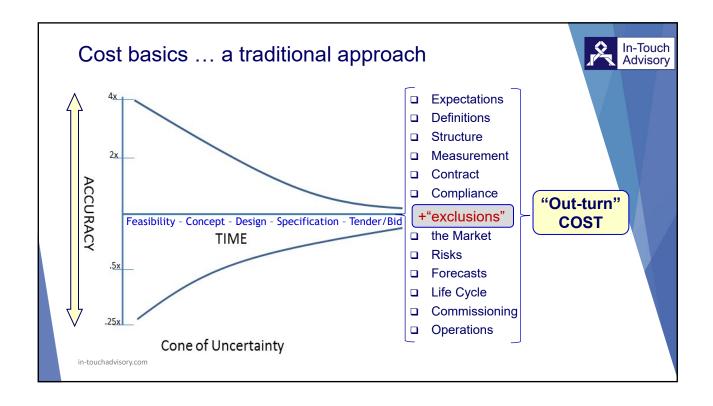


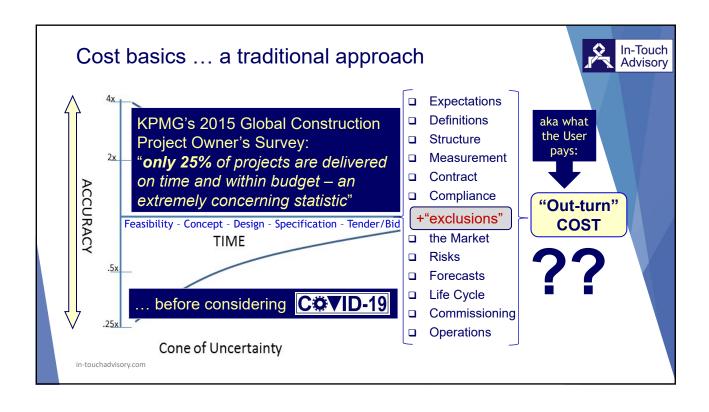


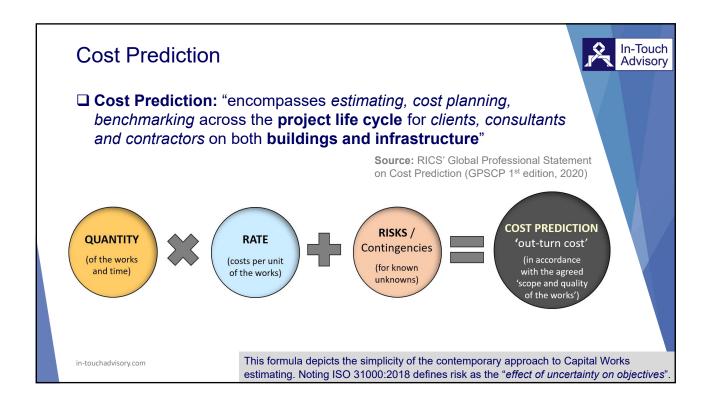


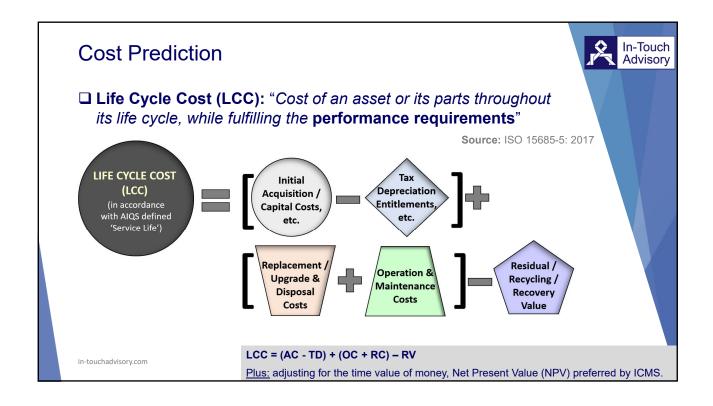








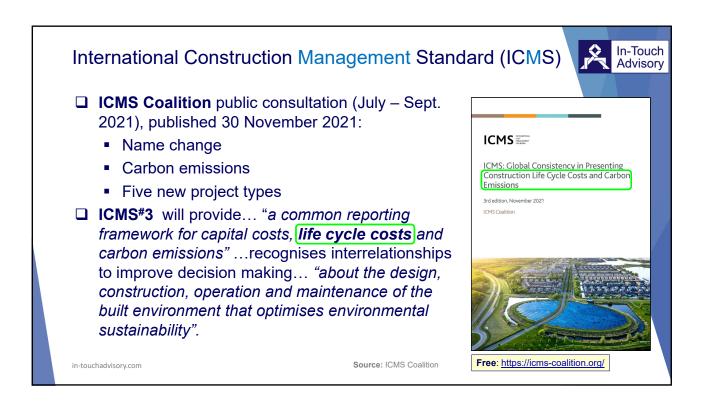




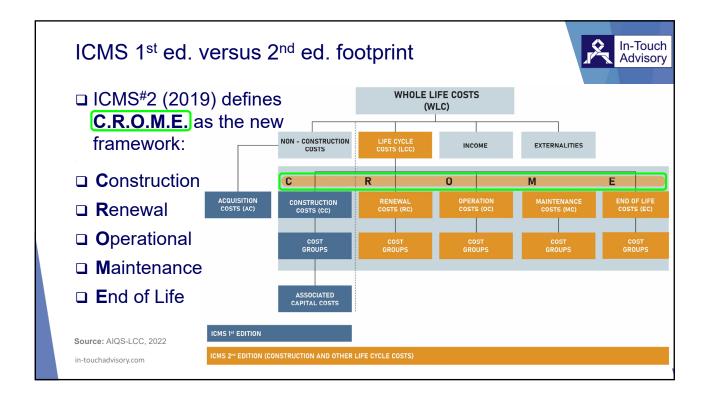
In-Touch International Construction Measurement Standard (ICMS) Advisory ☐ ICMS Coalition formed in 2015, now with 47 cost professional bodies worldwide (incl. AIQS & RICS). CMS MEDICAL COMPRISON MANAGEMENT ☐ ICMS scope covers buildings and civil engineering ICMS: Global Consistency in Presenting Construction and Other Life Cycle Costs assets. ☐ ICMS#1 released July 2017, capital cost focus. ☐ ICMS#2 released September 2019, plus LCC. ☐ Focus on constructed assets so that **cross**boundary costs can be consistently benchmarked and cost differences identified. ☐ Standards for measuring, reporting and benchmarking of construction project cost and life cycle costs (2019).

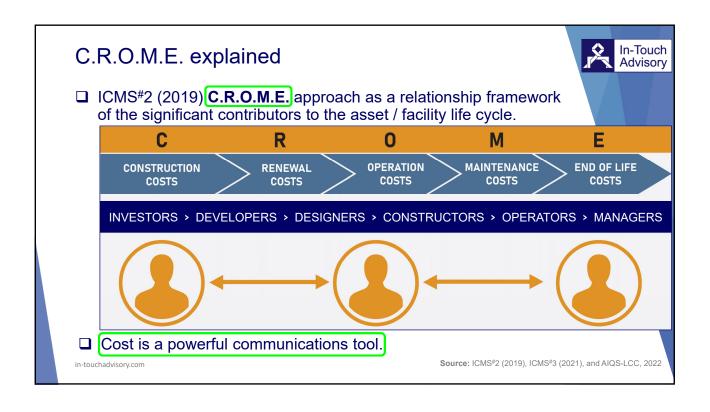
Source: ICMS Coalition

Free: https://icms-coalition.org/

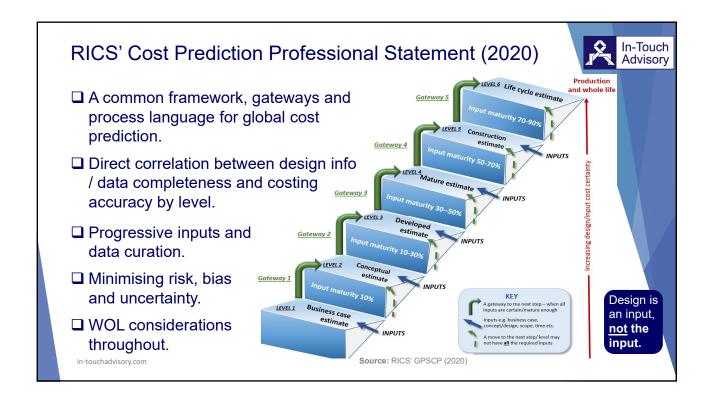


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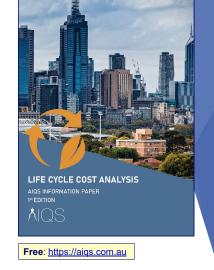




AIQS' Information Paper Life Cycle Cost Analysis (2022)



- □ AIQS & In-Touch Advisory undertook research and industry consultation into LCC taking account of the:
 - ISO 15686-5: 2017 Buildings and constructed assets, Service Life Planning - Part 5: Life-cycle costing.
 - ICMS 2nd edition (2019) and ICMS 3rd edition (2021).
 - AIQS' Australian Cost Management Manual: Vol.1, (4th ed).
 - AS ISO 41000 series of Facility Management standards and AS ISO 55000 series of Asset Management standards.
 - and other leading publications and relevant guidelines.
- New, concise and practical guidance.
- ☐ Report released February 2022.



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Source: AIQS-LCC (2022)

AIQS' Information Paper Life Cycle Cost Analysis (2022)



- □ LCC processes, benefits, risks, and techniques recognising that LCC analysis has two (2) main applications:
 - 1. **Comparative tool** to evaluate different options, design solutions, components, or materials in support of strategic planning and investment decisions *typically* **Design and Construction** *life cycle phases*.
 - Management tool to provide a basis for improved budget planning and expenditure forecasts to support longer-term operational performance – more commonly Asset / Facilities Management project life cycle phases.

DEFINE

MEASURE

ANALYSE

IMPROVE

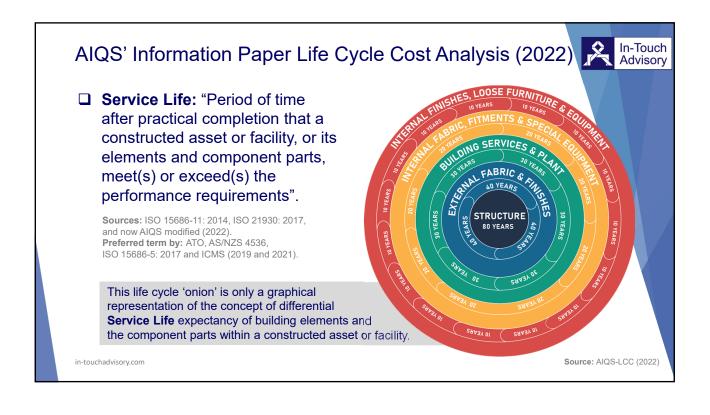
CONTROL

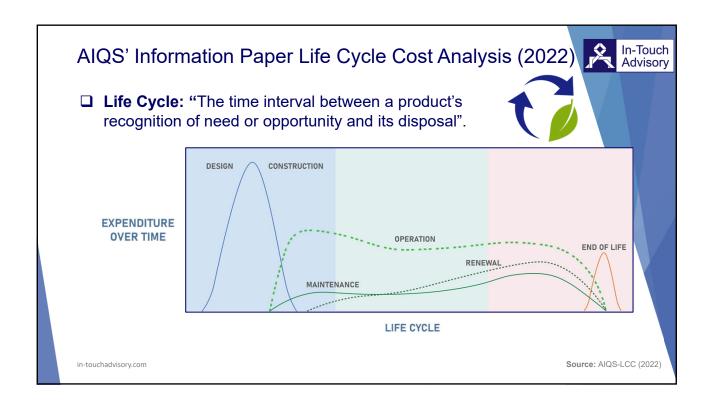
D.M.A.I.C. is an improvement cycle commonly used as a core tool used to drive Six Sigma projects.

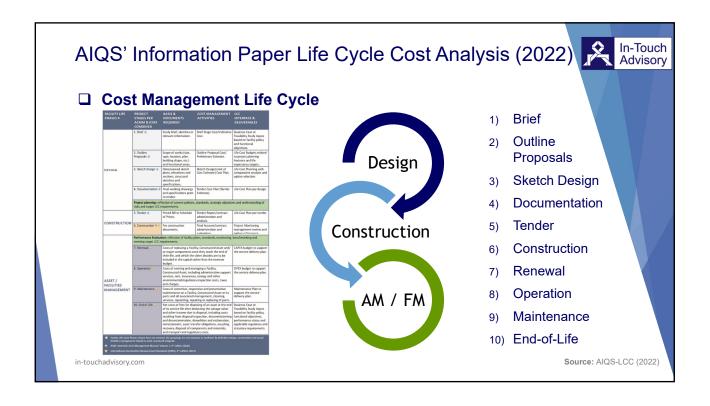
2..... und is an improvement cycle commonly ascal as a core tool ascal to arree six signal project

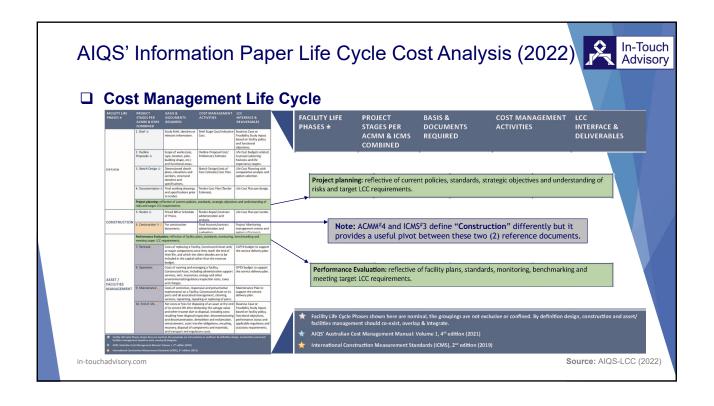
... improved communication and informed decision-making!

in-touchadvisory.com Source: AIQS-LCC (2022)

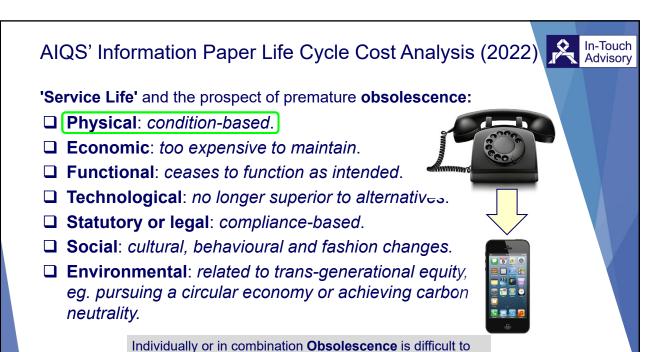




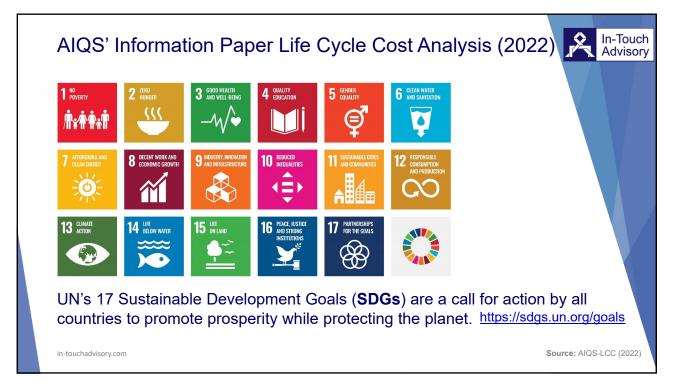




Source: AIQS-LCC (2022)



predict, but generally equates to loss of competitiveness.



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