



Hello!

I am **Harish**

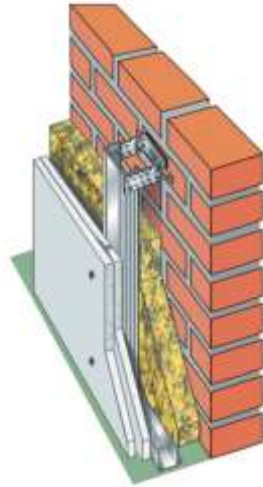


LCA can be performed at three levels

Building Element Level



Building System Level



Whole Building Level





INFORMATION GAP



SHARED PRESPECTIVE

On Investment and Carbon Reduction



LIFE CYCLE THINKING

The Business And Environment Case for Design Options



Let's look at LCT Toolbox

Life Cycle Costing (LCC)

A systematic consideration of **all relevant costs** and revenues associated with the ownership of a product/asset throughout its life cycle.

ISO 15686

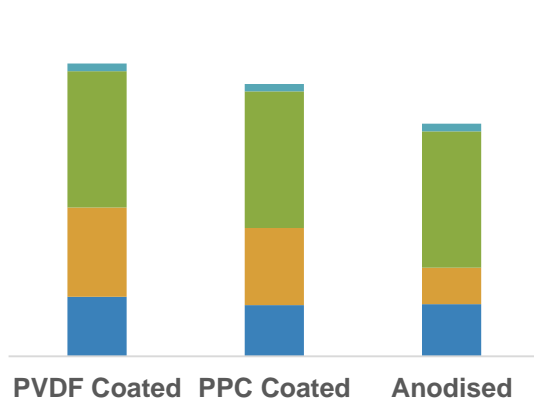
Life Cycle Assessment (LCA)

A systematic compilation and evaluation of the potential **environmental impacts** of a product/asset system throughout its life cycle.

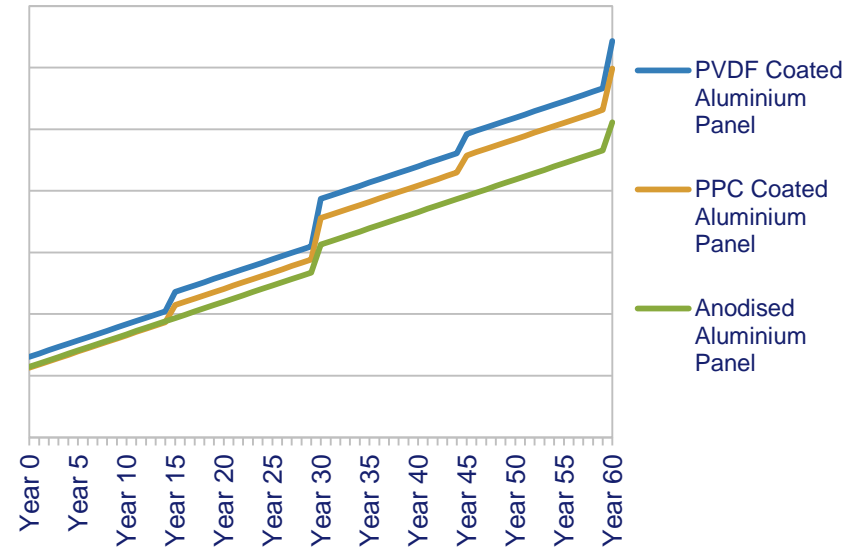
ISO 14044



LCC Appraisal of Aluminium External Façade System Alternatives



■ Operation
■ Maintenance
■ Replacement
■ Construction

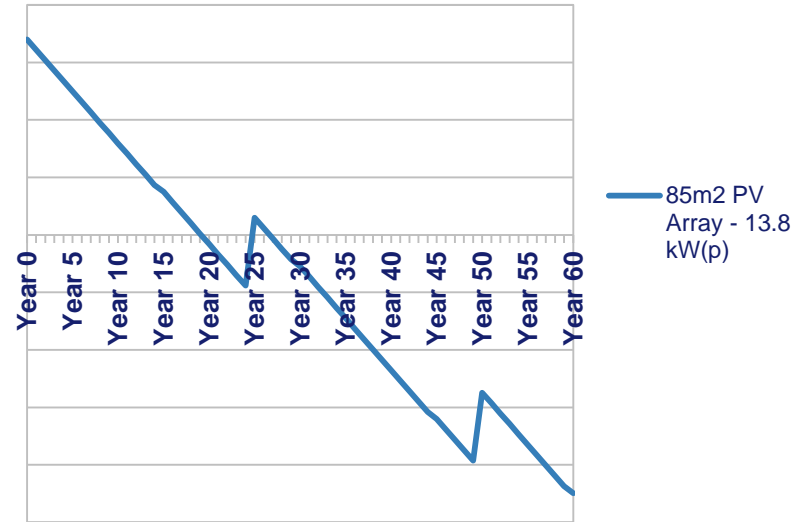




LCC Appraisal of Photovoltaic Array

85m² PV Array - 13.8kW(p)

- Operation
- Maintenance
- Replacement
- Construction





LIFE CYCLE AS THE BUSINESS CASE FOR ALL THINGS GREEN

