

What is IDP?

The Integrative Design Process (IDP) provides a means to explore and implement sustainable design principles effectively on a project while staying **within budget and programme constraints**. It relies upon the **early engagement** of a multi-disciplinary and **collaborative team** whose members make decisions together based on a shared vision and **holistic** understanding of the project. It focuses on identifying areas to improve **efficiencies of performance** through the entire project life; such as in energy, water and waste. IDP is therefore an alternative approach that can be applied to **any type of project**, and has been successfully applied to construction projects around the world.

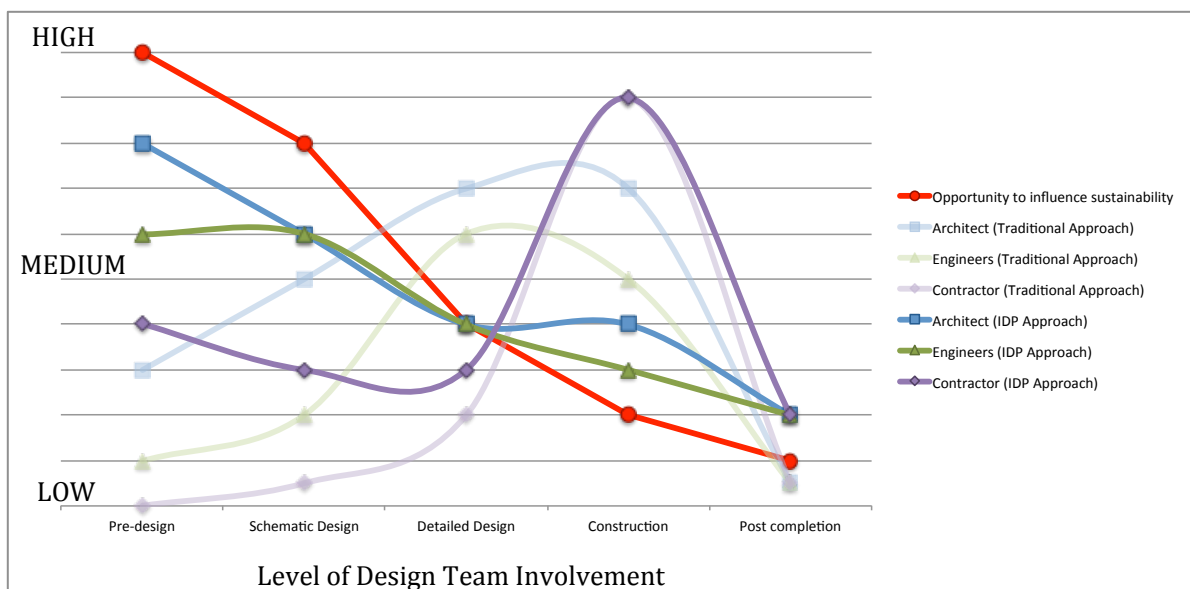
REDUCE UNNECESSARY:

- Complexity, fees and mistakes
- Plant and equipment
- Capital costs
- Future maintenance & replacement costs
- Future energy price exposure
- Lifetime operational costs

Through a series of **design charrettes** (workshops) throughout the project programme in which **all stakeholders** are invited to contribute, the focus shifts **from 'compliance' to 'performance'**. These sessions provide a **forum** for discussion in which short feedback loops lead to **fast solutions**, discussions can be informed by **real-time dynamic simulation modelling**, and the team is made aware of the **direct impacts** of their decisions on other areas of the project. The process becomes **streamlined**, reducing consultant costs due to less abortive work. The result is **fit-for-purpose** and **future-proof** operation, with **appropriately sized systems** to meet demand as efficiently as possible with **reduced operating costs**.

A third-party **IDP facilitator** will guide the charrettes to **encourage innovation** and **challenge 'business-as-usual'** whilst ensuring all stakeholders are aligned with the client's **project targets**.

The following graphic demonstrates the streamlining of a construction project through the adoption of IDP:



The GreenAsia Group partners with corporations, manufacturers and hospitality venues in Asia to facilitate sustainability and Corporate Social Responsibility. The goals of such initiatives are energy efficiency, reducing operating costs and strengthening brands – adding value to the triple bottom line, people, profit and planet.