



MDfs DESIGN MANAGEMENT

Design Management

Strategic Planning and Implementation





Are you having problems managing the design for your infrastructure or property projects?

As a consultant and advisor, MDfS DESIGN MANAGEMENT (MDfS) helps our clients with the strategic planning and the implementation of effective design management and delivery processes for both infrastructure and property projects.

We can assist our clients with:

- Organisational assessment of the client's current status of design management and delivery processes
- Strategic planning of design management and delivery processes
- Implementation of design management and delivery processes

We work in all areas of design and project management. Our focus with our clients is in optimisation of their design management and delivery processes.

Who We Work With

Our team members have worked on a range of international infrastructure and property projects with a wide variety of federal, state and local government departments and related institutional clients as well as the private sector with project experience in Australia, Asia and the Middle East.

Clients we have worked with typically share many of the following characteristics:

- High standards of excellence
- Good business core operators
- Want to make a difference
- Finding solutions with practical results
- Committed to success

MDfS can help clients who have the following challenges:

"We need to identify and manage our project design risks"

"We aren't getting what we want from our design and project consultants"

"We do not have design management and delivery processes in place"

"Our project and design managers are not effectively using our current design management and delivery processes"

"We need a design management process that integrates with our current project management processes"



How We Work

We engage and work with individuals and other firms who are like minded in their focus on achieving superior client outcomes.

We provide strong and reliable support on which our clients can depend. We are advocates for our clients and champion their interests.

Our purpose is to provide reliable services to positively influence business and project decision making to increase the likelihood that superior outcomes will be achieved.

MDfS Senior Project Design Manager

MDfS's Paul Sancandi is a highly motivated, energetic and diversely experienced senior project design manager with over 33 years demonstrated success in the management of multi disciplinary teams for large and diverse buildings and infrastructure projects, with a solid technical background in structural design for building and infrastructure projects. He has demonstrated expertise in the management and supervision of multi-disciplinary design teams of architects and engineers requiring strategic thinking as well as analytical and problem solving skills. He has been involved in the development and instigation of design management processes and procedures, including implementation strategies and providing design team leadership.

Implementation Strategy

The first step of any Design Management Process (DMP) Implementation is to develop the DMP Implementation Strategy. This Implementation Strategy will cover the following:

- DMP strategy and recommendations
- DMP uses
- Enabling DMP
- DMP information and data
- DMP infrastructure
- DMP and people
- DMP education and training

The Strategic planning for DMP implementation will direct the nominated DMP planning team through three steps to develop a detailed DMP Implementation Strategy.

The three essential steps in developing a DMP Implementation Strategy are as follows:

- Conduct a current organisational assessment,
- Establish desired level of implementation, and
- Develop the advancement strategy.



DMP Uses

The internal application of DMP is called a DMP use. A DMP use is defined as *a method or strategy of applying Design Management Processes during the project lifecycle to achieve one or more specific objectives.*

When it comes to DMP uses during each of the stages of the project life cycle (planning, design and construction) these can include the following:

- Planning and business case stage processes
- Project briefs and consultant briefs
- Design management planning and resourcing
- Design management Process mapping
- Design management tools
- Design review and approval processes
- Design monitoring and reporting
- Design risks, issues and change management
- Building Information Modelling (BIM)
- Documentation management
- Project communication
- Interface management
- Contract administration (design delivery)
- Asset management

Methodology

Our typical methodology for the development of the DMP Implementation involves a series of meetings and workshops with the appropriate client management team and the designated client DMP implementation team. We would normally seek to work within the client's offices during this period.

Following the gathering of all possible information we would firstly undertake the compilation, preparation and finalisation of a high level executive DMP Implementation Strategy Report.

Following the review and approval of the executive DMP Implementation Strategy Report and subject to the recommendations in the report, we would then provide assistance to the client's DMP Implementation team to take the implementation of the recommended design management processes and uses forward.

