



we are bim ready

MIRAGE RESOURCES FOR
BUILDING INFORMATION MODELLING

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Porcelain.Design.Sustainability

what is bim?

BIM, “Building Information Modelling”, is an international methodology defined by the National Institute of Building Science as the “digital representation of the physical and functional characteristics of an object”.

The BIM is a “container of information on a building” used to have all the relevant data on a building collected, linked and digitally combined in one of the most commonly used design software packages.

Graphic data (e.g. drawings) and specific technical attributes (technical data sheets and characteristics) also relating to the envisaged life cycle are thus available to everyone involved in the design of a building, so that all the necessary information is gathered in a single system to facilitate the work and the exchange of information.

While CAD design is used to develop a project with 2D or 3D drawings, BIM design is not limited only to visual information or renderings, but also specifies the functions and performances of every object in the developed project or building.



bim advantages

The BIM methodology optimises cooperation between designers, improves software interoperability and the integration between design processes and sustainability.

This cooperative design method **integrates all design information in a single model:** architecture, structure, systems, energy and management.

This integration ensures **greater efficiency and productivity**, fewer errors, fewer downtimes, fewer costs and greater accessibility, full sharing of information and more accurate and consistent control of the project, allowing all the parties involved to produce interoperable data on different software.

It is also easy to plan future maintenance, by creating a virtual building life cycle.

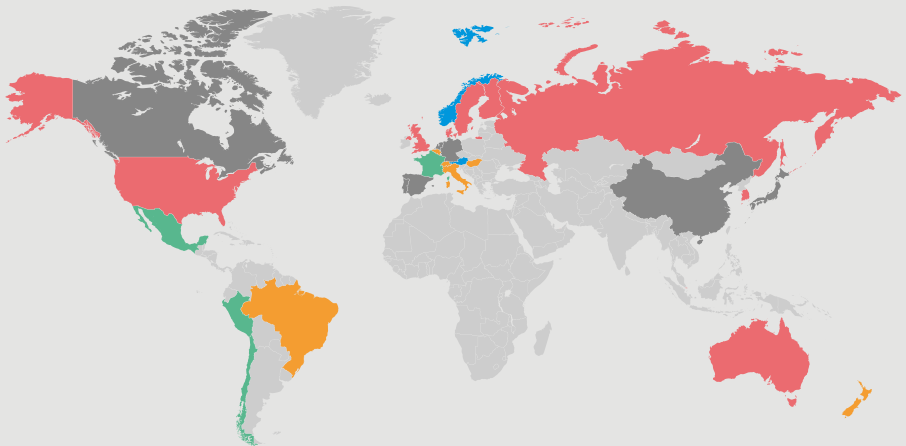
The advantages of the BIM methodology can be seen in **all work phases:**

- Architectural design
- Structural design
- Systems design
- Infrastructure design
- Model control and validation
- Management of technical specifications
- Facility management
- Project management
- Site management
- Maintenance planning

the spread of bim

The international development of Building Information Modelling is one of the main drivers of so-called 4.0 building.

Its constant and exponential growth will demand that this methodology becomes a **standard design process** for every building.



Open BIM standards
and mandate

**NORWAY
AUSTRIA**



Mandates
in place

**USA
UK
FINLAND
SWEDEN
DENMARK
RUSSIA
DUBAI
SINGAPORE
KOREA
HONG KONG
AUSTRALIA**



Future
mandates fixed

**CHILE
PERU
MEXICO
FRANCE
SCOTLAND
QATAR**



BIM programmes
planned

**CANADA
PORTUGAL
SPAIN
NETHERLANDS
GERMANY
CHINA
JAPAN**



Planning on
BIM adoption

**BRAZIL
ITALY
SWITZERLAND
CZECH REPUBLIC
BELGIUM
NEW ZEALAND**

MIRAGE[®] is bimready

Mirage began modelling BIM objects some time ago, for Revit, ArchiCAD and other BIM design programmes, to provide the **most suitable solutions for designers and their clients**, internationally.



839
floor and
wall coverings



**ventilated
façades**
with closed joint



e-deck
raised
flooring



bimobject[®]

To facilitate its clients, Mirage has signed a partnership with bimobject.com, the world's leading BIM contents platform.



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users**

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