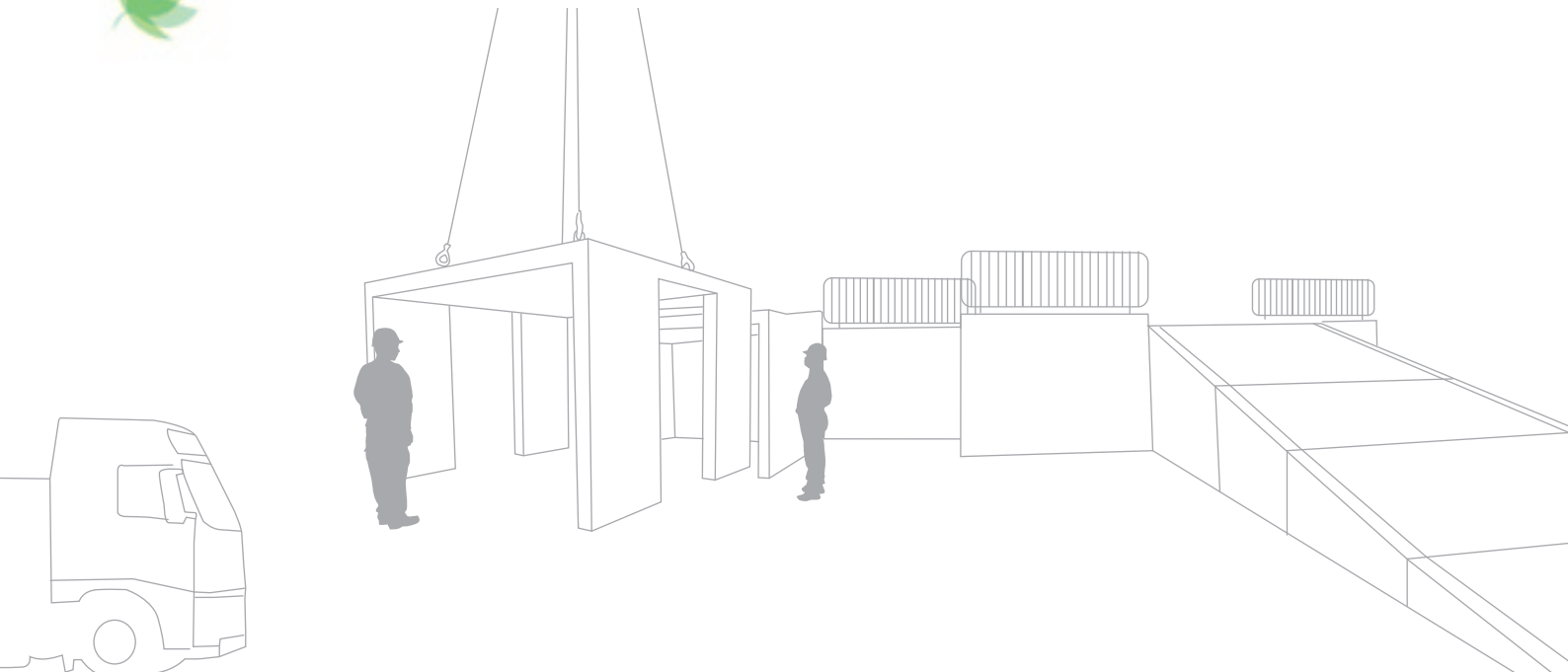


Module béton®

Recycling facility solutions



Construction with
a **conscience**





MODULO BÉTON: HELPING YOU MAXIMISE YOUR MATERIAL SORTING

Householders and businesses are becoming ever more aware of the need to avoid waste or otherwise treat it as a resource.

Progress is being made, however, it can be increased by offering user-friendly collection and sorting systems.

Local Authorities and their site operators are the visible face of these efforts and providing quality facilities encourages user participation.



In 2006,
3 billion tonnes
OF WASTE WAS PRODUCED
IN THE EU-27 COUNTRIES:

around half was sent to landfill, the rest was reused, recovered, recycled or incinerated.*

Modulo Béton, construction with a conscience

In recent years there has been increased realisation that the rate at which we consume and discard materials is having a detrimental effect on our environment.

Recycling Centres make the quantity of waste arisings very visible to site users, but the design flexibility that the Modulo Béton system offers can also enable Recycling Centres to demonstrate the extent of sorting opportunities and successes.

In our fast-moving and expanding societies it is necessary to keep up with the pace of change: the pre-cast, modular design of Modulo Béton's patented units maximises both flexibility of site configuration and speed of construction.



FLEXIBLE / FUTURE PROOF
A Recycling Centre made of Modulo Béton units can be reconfigured or added to at any time.



MODULAR
Big city or small village, a Modulo Béton site can be designed to suit your needs.



MOBILE
Modulo Béton's units are designed for ease of transport - the initial delivery and installation generally takes a matter of days. If you wish, you can even reconfigure or relocate the units at a later stage.





Modulo Béton, construction with a conscience

The ability to configure and enlarge a Modulo Béton site ensures that many separate material streams can be accommodated and added to (as legislation or markets dictate).

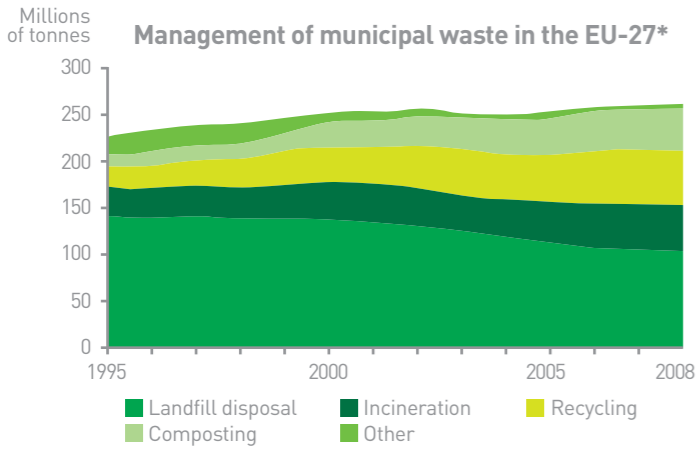
Providing separate and dedicated containers for each of these material streams greatly reduces cross-contamination, and increases the resource and resale value of that material.



MODULO BÉTON: HELPING GIVE MATERIALS ANOTHER LIFE

General environmental awareness has increased significantly over the last couple of decades – but unfortunately so has resource consumption and waste production.

Continued and concerted effort is required to protect natural resources and recover value and use from discarded materials.



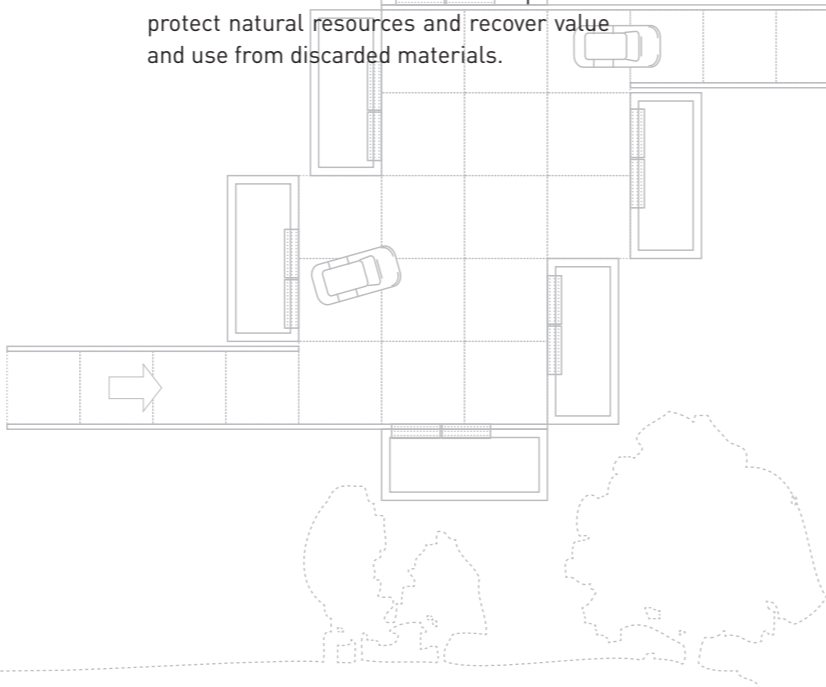
SITE PREPARATION
The Modulo Béton units have no sub-surface foundations, so the only groundworks typically required are for drainage and surfacing.



FUTURE PROOFING SITE OPERATIONS
Design for the required number of container bays (including spares) – when legislation and markets vary you can alter the type of material collected in each container, or even add further bays where space permits.



DISCRETE LOOKING
Modulo Béton's units and accessories are custom-made: the clean lines of your new site can be further enhanced by landscaping treatment, and will blend in to any location.



source : European Environment Agency/Thomas Hennrichs
The European environment - state and outlook 2010: synthesis



Modulo Béton, International player: seeing the big picture

In developed and developing countries the waste and resource business does not stay still for long: material markets and legislation (especially environmental and fiscal) change with relentless frequency. To remain in competition and in compliance, it is necessary to react to these changes.

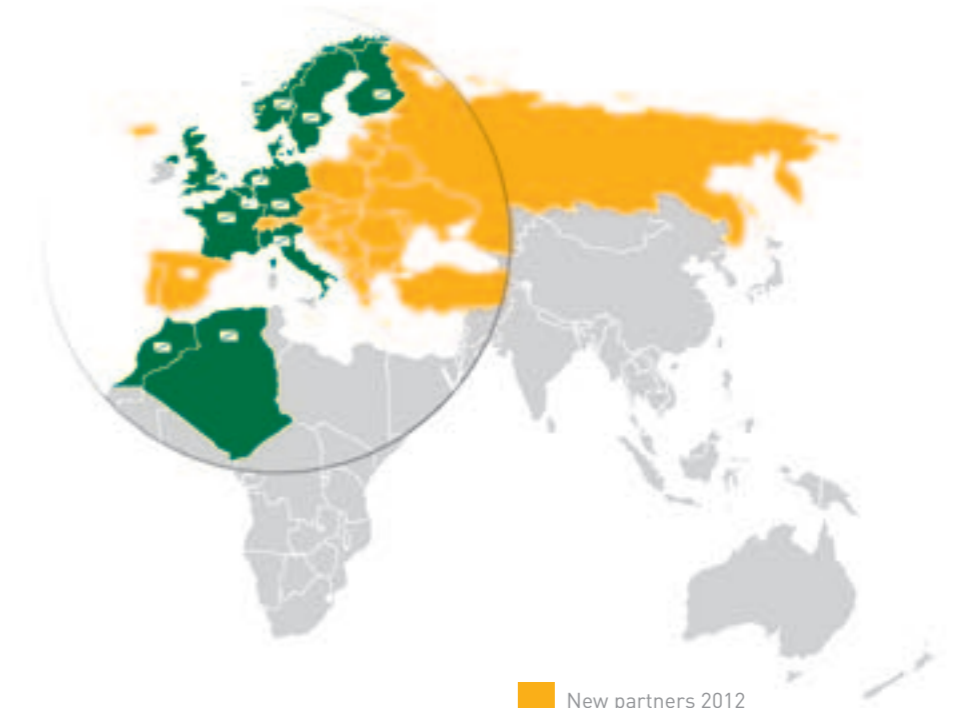
Since its conception in France in 2004, the unique, patented Modulo Béton system has shown - around the world - that it offers the ideal solution to allow you to reconfigure your facilities to stay in the game.



MODULO BÉTON: HELPING SORT THE WORLD'S WASTE

MODULO BÉTON RECYCLING CENTRES NOW EXIST IN OVER

46 countries worldwide



Modulo Béton promotes the domestic economy by approving local prefabricators for the production of its concrete modules. This has numerous benefits:

ECONOMIC: helping local industry and optimising production costs.

ENVIRONMENTAL: minimising the carbon footprint, especially transport-related.



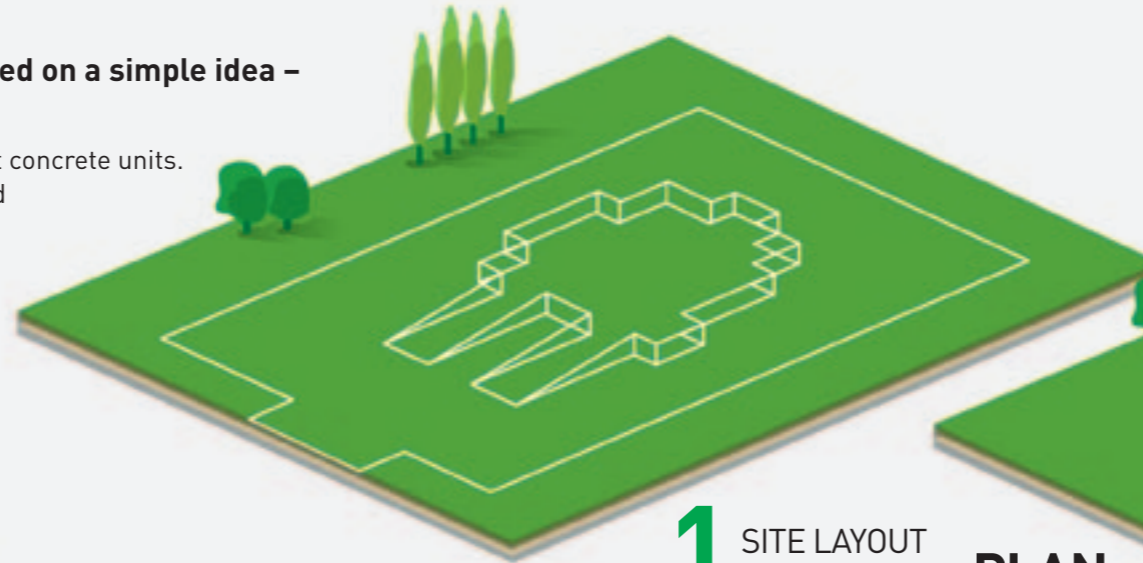


Modulo Béton Recycling Centres are based on a simple idea – that was easily translated to practice.

The Recycling Centre is made of modular, precast concrete units. A range of standard dimensions – both in plan and in elevation – are available, allowing you to create a bespoke solution to suit your needs.

This flexibility ensures that a configuration can be found for every location.

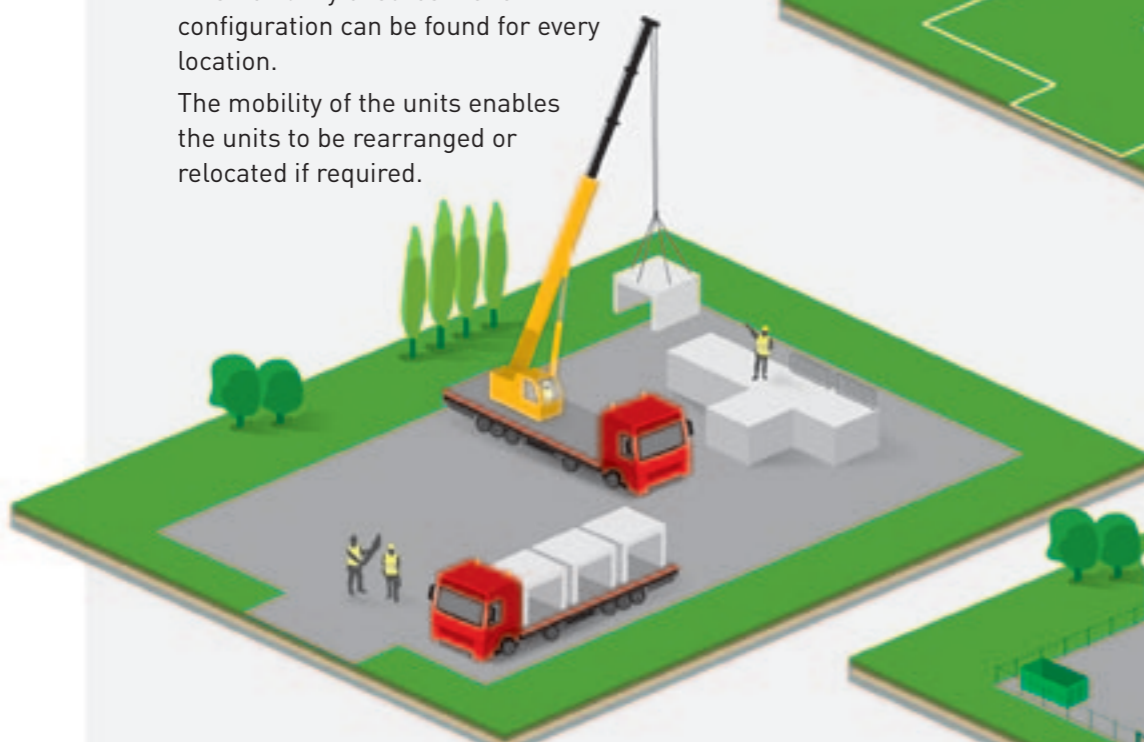
The mobility of the units enables the units to be rearranged or relocated if required.



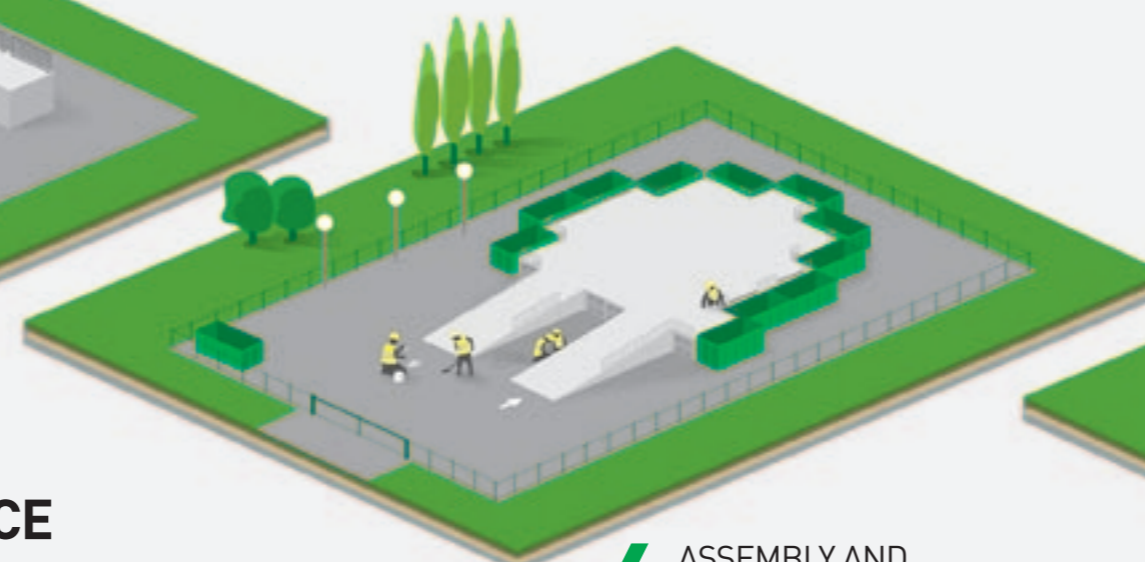
1 SITE LAYOUT ACCORDING TO **PLAN**



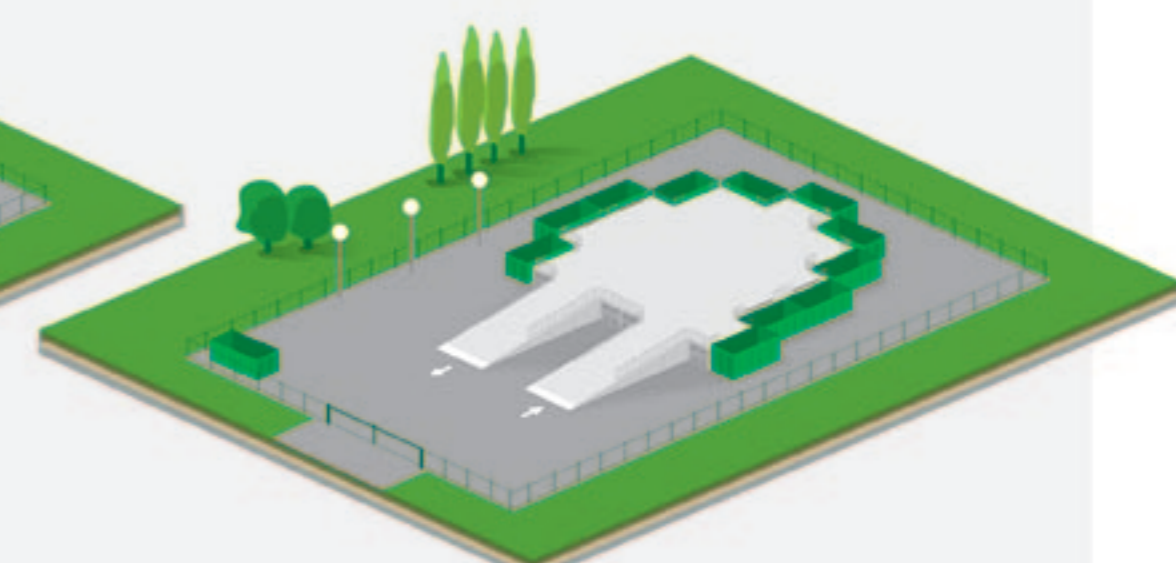
2 PREPARATION OF GROUND



3 UNITS TRANSPORTED AND **HOISTED INTO PLACE BY CRANE**



4 ASSEMBLY AND **FINISHING**



5 **HANDOVER** OF RECYCLING CENTRE

SPEED

For a typical Recycling Centre it only takes 2-5 days to deliver and install the Modulo Béton units

SHEQ

the units and accessories are manufactured in controlled environments – quality and safety are enhanced, construction waste and other site-level impacts are minimised

FLEXIBILITY

whether you want a single container bay or dozens, Modulo-Béton's units can offer you a solution

LOAD RESISTANCE

From 3.5 T to **29 T**

FIRE RESISTANCE

2 hours

The only Recycling Centre that is 200% usable



100% ABOVE



Finishing

Concrete is easy to maintain, and is resistant to wear and tear, and corrosion. It can even be painted, should it be necessary to blend in to a particular local environment.



Safety

Galvanised steel splashguards (manual or automatic) protect the user and make the Recycling Centre easier to maintain.



Hot-dip galvanised railings.



Personalisation

The unit can be personalised: the logo of your municipality or organisation can be moulded on the module walls.



Heated floors

Anti-slip floor for optimal safety, with heated floor option for cold areas (northern or mountain locations, etc...).



Electrical heating elements are incorporated in the concrete for de-icing of the platform and access ramps.

Rails and skip protection

Guide rails (optional) to facilitate the installation and removal of skips without affecting the ground. Skip protection strips prevent handling shocks to the concrete structure.



NEW

Unloading platform for walking-floor semi-trailers, height 4 metres

This system can be used to create unloading platforms with a height of 4 metres for walking-floor semi-trailers.

This has the same advantages as our modular Recycling Centres (speed of assembly, moveable, use of space beneath platform) at an attractive price.



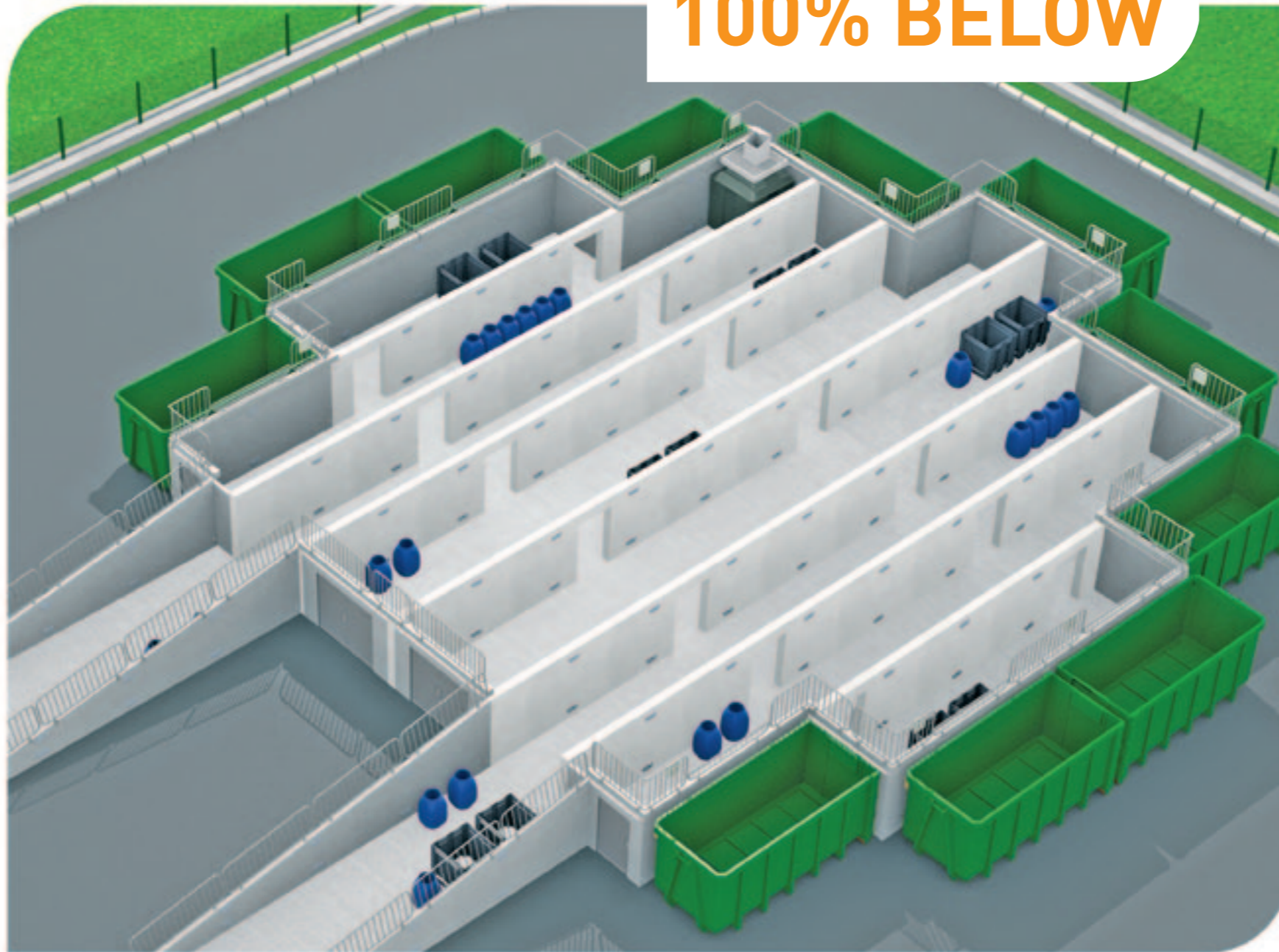
The only Recycling Centre that is 200% usable

100% BELOW



Storage, a Modulo Béton advantage

The space beneath the structure is able to be used as a storage area (household hazardous waste, WEEE, equipment, vehicles, etc...).



Patented

Modulo Beton's precast concrete Recycling Centre units are a patented design, which means Public Authorities are able to purchase them under a single-supplier arrangement without the need for tendering.

Standards

Modulo Béton's precast concrete Recycling Centre units are the only ones to meet the 2nd Fire Stability requirement contained within the design Eurocodes, and to offer storage beneath the entire platform.



Interior

Modulo Béton also offers a comprehensive range of storage equipment, including waste oil collectors and a variety of containers.



Modulo Béton in pictures



Als, Denmark



Port Leucate, France



Audressein, France



Dilbeek, Belgium



Ballancourt, France



Leerdam, The Netherlands



Rosny-sous-Bois, France



Villiers St Frédéric, France



Southwark, England



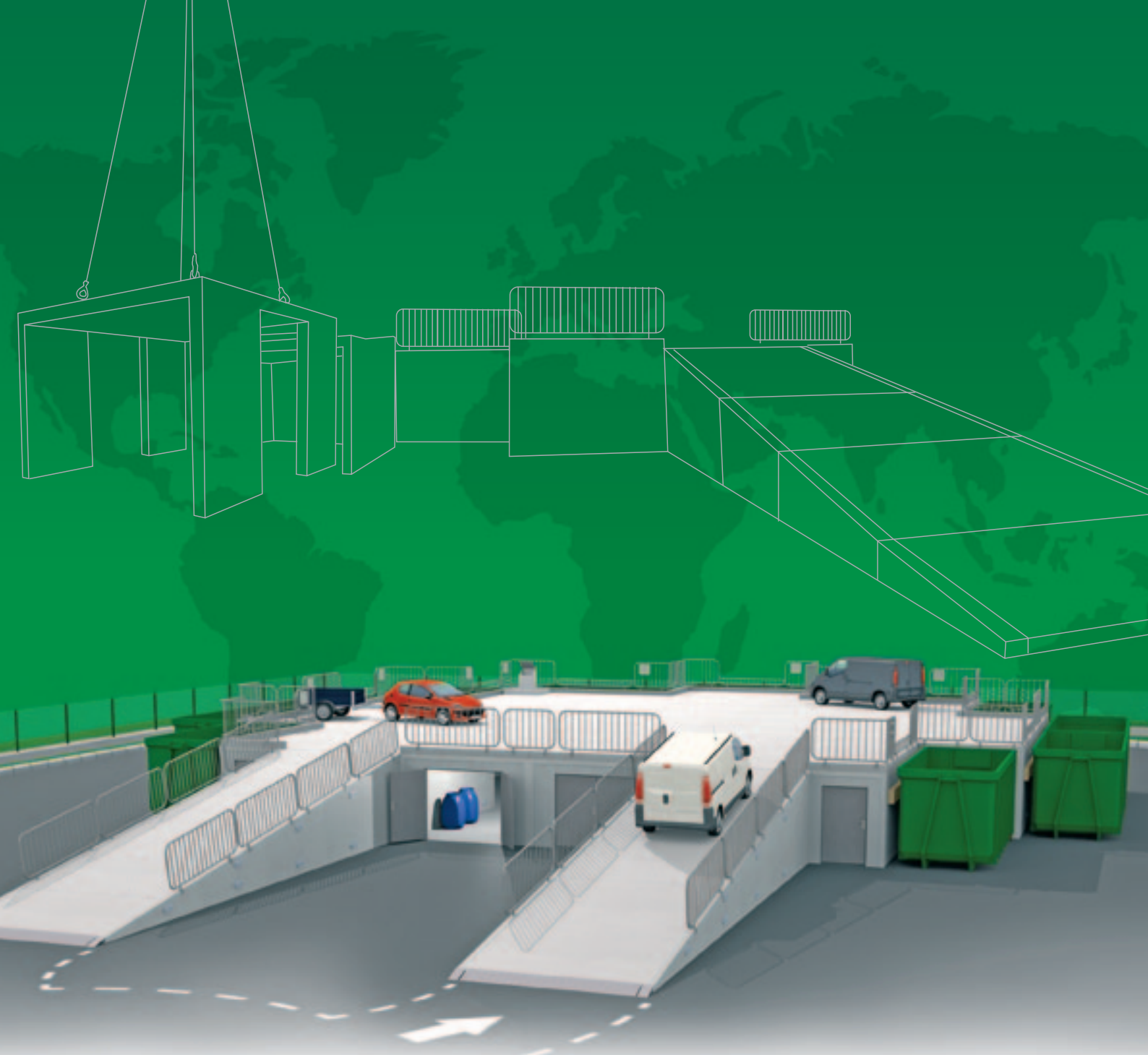
Lelystad, The Netherlands

The first Modulo Béton recycling centre was created in 2004. In the course of just a few years, several hundred facilities have entered into use in France, Europe and, more recently, elsewhere in the world.

The potential for the creation of new facilities and the enlargement or renewal of old ones is huge.

Thanks to strong growth in France and internationally, Modulo Béton has become a key solution for waste Recycling Centres.

Michel BOSIO
Founder of Modulo Béton



Modulo béton®

CONSTRUCTION WITH A CONSCIENCE

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