

Environmental & Human Projects



produced by

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URBAN FURNITURE: FROM DESIGN TO THE PUBLIC SQUARE, EVERYTHING IN ONE PLACE.

OUR IN-HOUSE PRODUCTION CYCLE.

INTEGRATION. EXCELLENCE. CONTROL.



Examples of custom products that DIMCAR can develop through its in-house technical department.



WHO ARE WE?

People who care about people. More than half a century of family history, research, and passion dedicated to improving our environment.

At **DIMCAR Environmental & Human Projects**, we do not see ourselves as simple manufacturers and suppliers of urban furniture. We see ourselves as creators of better everyday environments.

We believe that every city deserves spaces that respect the environment and, above all, the people who live in them.

Our "**Human Projects**" approach is based on a simple idea: putting people back at the center of every project.

Whether it rains or the sun is shining, our goal is to transform waiting for the bus into a comfortable, safe, accessible, and even innovative experience for everyone. We believe that sitting on a bench should become an opportunity for relaxation, connection, and sharing. In the same way, a litter bin is not just a functional object, but a true reference point for urban cleanliness and waste separation, helping to protect resources and preserve our planet.

Why choose DIMCAR?

We care about the **Planet**: We select low-impact materials because the future cannot wait.

We design for **Everyone**: We create inclusive solutions, removing barriers and making public spaces accessible to all.

We look **Ahead**: We integrate technology where it truly matters, making everyday life easier for citizens.

We do not simply create urban furniture. We shape the way people experience their cities.

Welcome to the **DIMCAR** world.

Urban Shelter: the new generation of bus shelters

Because waiting for the bus should not be a burden, but a moment of urban comfort and relaxation while also making a small contribution to reducing fine particulate pollution caused by traffic.



Examples of custom products that DIMCAR can develop through its in-house technical department.

"GREEN ROOF" model – *The Urban Oasis*

The eco-sustainable solution to combat urban heat islands.
A bus shelter that breathes together with the city.

The Mood: Biophilic and welcoming. Bringing nature where there is only asphalt.

Key Strengths: A roof designed for “green roofing” systems (sedum and aromatic herbs) that absorb CO₂ and rainwater.

Top Feature: Structure available in Corten steel or treated wood for a 100% natural look.



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Our “Environmental” commitment

At **DIMCAR** sustainability is not a trend, it is the core of our **Human Business**. Every shelter is designed according to strict eco-compatible standards.

100% Recyclable Materials:

We use aluminum, steel, and glass that can be fully reintroduced into the production cycle at the end of their life.

Zero-Emission Coatings:

Only non-toxic powder coatings and low-impact processes are used to protect both the people who work with us and those who live in the city.

Clean Energy:

We promote energy self-sufficiency through the integration of next-generation photovoltaic modules.



Examples of custom products that DIMCAR can develop through its in-house technical department.



NOI model – Design That Creates Connection in Urban Spaces.

The shelter that blends perfectly with both historic city centers and modern urban areas. Transparent, lightweight, almost invisible, yet as strong as a rock.

Mood: Pure minimalism. It protects without hiding the beauty of your city.

Strengths: Tempered safety glass, corrosion-resistant aluminum structure, and an integrated ergonomic bench.

Top Feature: Extra-large side glass panels providing total visibility of arriving buses.



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"TECH-STOP« model – The Smart Shelter

The future is here. Not just a simple bus shelter, but a true technological hub for citizens who are always connected.

Mood: Hi-tech, smart, and essential. Ideal for railway stations and transport interchange hubs.

Strengths: Roof with integrated photovoltaic panels and intelligent LED lighting (activated only when needed).

Top Feature: USB charging ports for smartphones and integrated Wi-Fi hotspot.

Technical Specifications for all models:

Resistance: Tested to withstand wind gusts up to 30 m/s and heavy snow loads.

Maintenance: “Easy-clean” materials designed to remove graffiti and dirt in no time.

Modularity: Seating, ashtrays, and timetable display boards can be added according to your needs.



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Urban Seating: The Living Room of the City

Because a bench is not just a place to sit, but a space where stories begin.

Why Are DIMCAR Seats Different?

Zero Barriers: Height and, where required, armrests are designed to make sitting down and standing up easier for elderly people and those with reduced mobility.

Green Soul: Every bolt and slat is designed to be disassembled and recycled at the end of its life cycle.

"Human-Proof" resistance: Anti-graffiti treatments and surfaces that are easy to sanitize.

...and greenery that helps clean the urban air wherever possible.

And never forget we can design a brand-new seating solution together with you.

Examples of custom products that DIMCAR can develop through its in-house technical department.



"SOFT HUG" model – Gentle Ergonomics

Forget old uncomfortable seating. This bench is designed to follow the natural lines of the body, offering unexpected relaxation in the middle of urban traffic.

Mood: Welcoming and flowing. Perfect for parks and pedestrian areas.

Human Touch: “Warm-feel” materials that do not overheat in summer or become freezing cold in winter

Inclusivity: Seat height for elderly users at 55 cm, in compliance with EU guidelines, armrests with integrated cup holders, and an ergonomic backrest.

Green Power: Available in 100% recycled Wood Composite (WPC) or FSC-certified wood.



Examples of custom products that DIMCAR can develop through its in-house technical department.

“ISCHIAL SEAT” model

The comfortable support for waiting times or a quick moment of relaxation

This seat is designed to provide comfortable ischial support, free from pressure points or discomfort, ensuring maximum safety and inclusivity.

Mood: Perfect for bus stops and for offering a moment of rest in ZTL areas, parks, and along long pedestrian routes.

Human Touch: “Warm-feel” materials that do not overheat in summer or become freezing cold in winter.

Inclusivity: Seat height designed to be comfortable and accessible for people of all heights.

Green Power: Available in 100% recycled Wood Composite (WPC) or FSC-certified wood.

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"B-SQUARE« model

Urban Modularity

More than just a bench, it is a construction system for urban architects. You can create relaxation islands, reading corners, or long seating rows along tree-lined avenues.

Mood: Geometric and modern. It fits every space like a glove.

Strengths: Galvanized steel structure with an ultra-resistant seat designed to withstand scratches and vandalism.

Top Feature: "L"-shaped and "T"-shaped modules to create social green areas and meeting spaces.



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"SOLAR-RELAX« model

The Smart Bench

Our flagship smart solution. While you relax, it works for you and for the environment.

Mood: Technological and futuristic. The beating heart of 4.0 urban squares.

Top Feature: Optional surface with integrated solar cells, USB ports for charging tablets and smartphones, and environmental sensors that monitor air quality (CO2 and PM10).

Lighting: Soft LED lighting integrated into the base, automatically activated at sunset to enhance citizen safety.

Clean City Solutions: The Aesthetics of Cleanliness

Because waste separation should be a natural, simple gesture and, why not, something beautiful to look at as well.





«Paint» model

The Recycling Champion

The king of public squares. Two separate and modular compartments within one elegant structure no more excuses for improper waste separation.

Mood: Organized and professional. Ideal for high-traffic public areas.

Human Touch: Raised icons and intuitive colors help both adults and children easily identify the correct waste compartment.

Top Feature: “Shark-mouth” opening designed to prevent rain from entering and waste from blowing out in the wind.

Smart City: Optional version available with a full-bin notification sensor.



«Benjamin» model

Space-Saving Design

Slim and vertical lines designed for narrow sidewalks or monumental areas where every centimeter matters.

Mood: Discreet yet distinctive. It blends seamlessly with the surrounding architecture.

Strengths: Ultra-resistant steel structure and a quick “back-saving” emptying system designed for sanitation operators.

Optional: Integrated upper ashtray with a stainless-steel cigarette extinguishing grid.



«Geo» model

The Smart Bin

The future of DIMCAR waste management. A bin that communicates directly with the operations center.

Mood: Revolutionary. Designed for cities aiming for maximum efficiency.

Top Feature: Equipped with a fill-level sensor. It compacts waste, reducing the number of emptying operations required. It sends notifications when full, optimizing collection routes (fewer trucks on the road = lower CO2 emissions).

Green Power: Powered by a small solar panel integrated on the top.



The DIMCAR promise

Environmental & Human Projects:

Anti-Vandalism: Security locks and impact- and fire-resistant materials.

Total Hygiene: Specially treated surfaces designed to prevent stickers and graffiti from adhering, easy to sanitize in just a few seconds.

Respect for Urban Decorum: Design solutions that conceal waste bags from view, always keeping the surrounding environment clean and visually impeccable.

Mobility HUB:
Making room for two-wheeled freedom

We focus on providing safe, secure rest & charging stations for those who choose eco-friendly travel.

Because a cycling city is a breathing city

"SAFE-LOCK« model

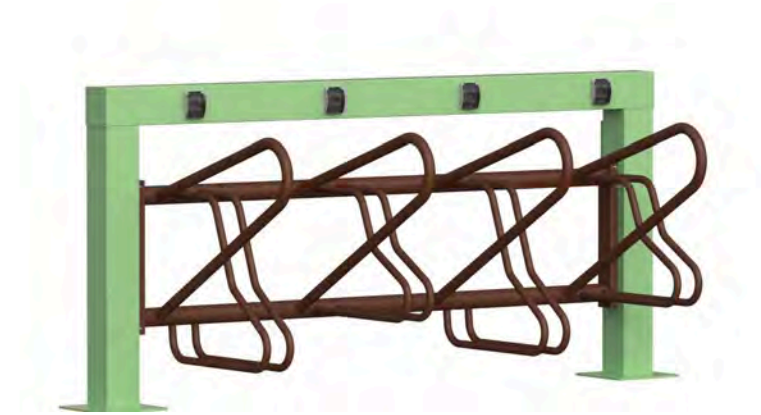
The Urban Fortress

The timeless classic reimagined with the DIMCAR touch. A steel arch designed to provide maximum protection against theft and safeguard the bicycle frame.

Mood: Solid, reliable, and essential. The best friend of every urban cyclist.

Human Touch: Soft rubber or anti-scratch polymer coating to protect the bicycle paintwork from damage.

Top Feature: Dual anchoring point that allows both the frame and the wheel to be secured with a single lock.





"E-CHARGE STATION « model

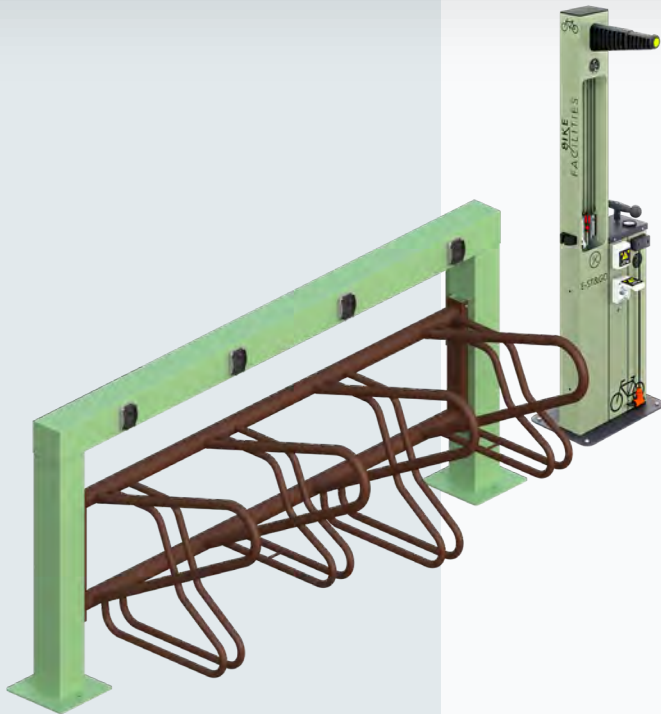
The Future is Electric

Not just parking but charging as well. The bike rack is designed for e-bikes that transform the way people experience the city.

Mood: Technological and service oriented. The hub of business and university districts.

Strengths: Structure featuring an integrated waterproof compartment to safely house the power supply during charging.

Green Power: Universal charging outlets powered either by the city electrical system or by solar panels installed on nearby shelters.





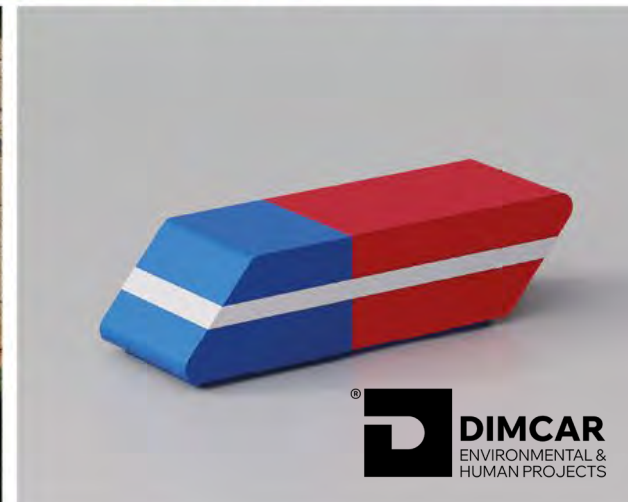
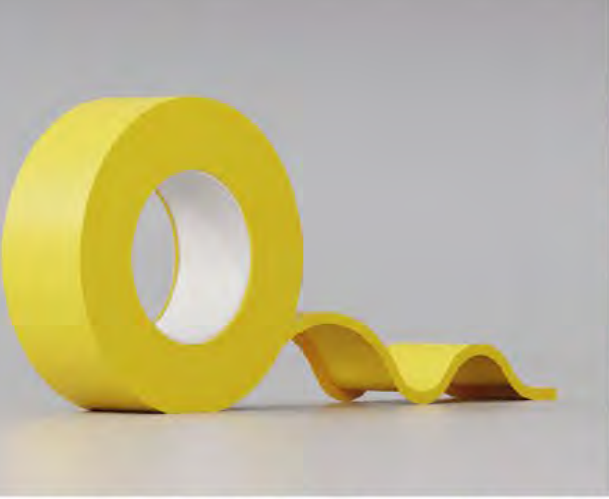
The CHILD FRIENDLY philosophy

Color is not just about aesthetics, it is a fundamental visual code for development:

Orientation: Helps children understand and navigate urban spaces.

Safety: Defines protected areas and safe pathways.

Stimulation: Encourages imagination and supports cognitive learning.



Examples of custom products that DIMCAR can develop through its in-house technical department.



Urban Safety: Invisible Protection

Because safety should not be a wall, but a steel embrace that defines security without limiting space.

"FRAME-GUARD« model

The Panoramic Safety Barrier

A barrier that preserves the view. Ideal for bridges, riverwalks, or for securing busy sidewalks.

Mood: Transparent and lightweight. It protects pedestrians from traffic without weighing down the landscape.

Strengths: Modular galvanized and powder-coated steel structure with micro-perforated mesh panels or safety glass infills.

Green Power: Eco-friendly powder coatings with exceptional resistance to salt fog and urban smog.

"BOLLARD-STYLE« model

The Elegant Guardian

The classic cylindrical bollard, reinterpreted with clean lines to discreetly define pedestrian and cycling areas.

Mood: Firm and decisive, yet never aggressive. It blends harmoniously with the surrounding architectural style.

Human Touch: Version available with an integrated LED band on the top to highlight pathways at night and help prevent tripping.

Top Feature: Available in a removable version with a security key system, allowing emergency vehicles to pass through instantly.



«FLEX-SHIELD» model

The Smart Barrier

The flexible bollard that forgives mistakes. Ideal for parking areas and maneuvering zones where the risk of minor impacts is high.

Mood: Resilient and functional. Designed to reduce maintenance and repair costs.

Top Feature: Made from shape-memory technical polymer: it bends upon impact and returns to its original position without damaging either the vehicle or the ground.

Our Future Together

Thank you for choosing to look ahead with us.

At **DIMCAR Environmental & Human Design**, every bolt tightened and every panel installed serves a clear purpose: improving the quality of life of the people who move through the city every day.

We firmly believe that urban furniture is not just “an object placed on the street,” but the very framework of a community that grows with respect for both the environment and people. Thank you for giving us the opportunity to share our vision of a more welcoming, connected, and sustainable world.

We are ready to transform your ideas into urban reality.

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DIMCAR: Designing the present and protecting the future, together with you.



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