

AVNTGARD
/ DESIGN CORE

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1/ THE CORE



1.1/ THE CORE/ IDENTITY

OVERVIEW

AVNTGARD is an independent design coordination unit, configured to solve complex systems at the intersection of design and operations.

SOURCE

DARIO CAPOBIANCO

Designer and Project Manager. ADI member, lecturer at the Politecnico di Milano, and recipient of the University Seal from the University of San Marino. His method stems from a constant analysis of the "Made in Italy" system and a synthesis of the design visions from the three great Italian schools of thought: Milan, Turin, and Venice.

SPACE / PRODUCT / LANGUAGE

are the human design extensions he constantly investigates to map the existing landscape and solve the complexity of the future.

He founded AVNTGARD, structuring it as a protocol capable of overcoming the limitations of traditional players.

"AVNTGARD is a source core where every project is a solved equation between form, function, and time."

EVOLUTION

Born in 2016 as an experimental network of designers and artisans, AVNTGARD has consolidated into a technical coordination CORE acting between CREATIVE CULTURE AND INDUSTRIAL DYNAMICS. From our headquarters in Milan (Porta Venezia), we coordinate an elite supply chain for global operations.

PHILOSOPHY

We encode interaction:

SIGN / OBJECT / ENVIRONMENT

within the variable of **TIME**.

With **AVNTGARD ARCHIVES**, we transform every project, experiment, and idea into a consultable technical asset available to our community.



**AVNTGARD
ARCHIVES**

[AVNTGARDARCHIVES.COM](https://avntgardarchives.com)



1.2/ THE CORE/ METHOD

OVERVIEW

We have created a multidimensional management protocol to synchronize industrial processes and brand perception, ensuring total project control

PHASES

The engine of the method is a linear sequence of 5 Protocol Phases:

1/INVESTIGATION

2/CONCEPT

3/ENGINEERING

4/ACTIVATION

5/AUDIT

DIMENSIONS

Every intervention is analyzed through 5 Systemic Coordinates

/SPACE

/TIME

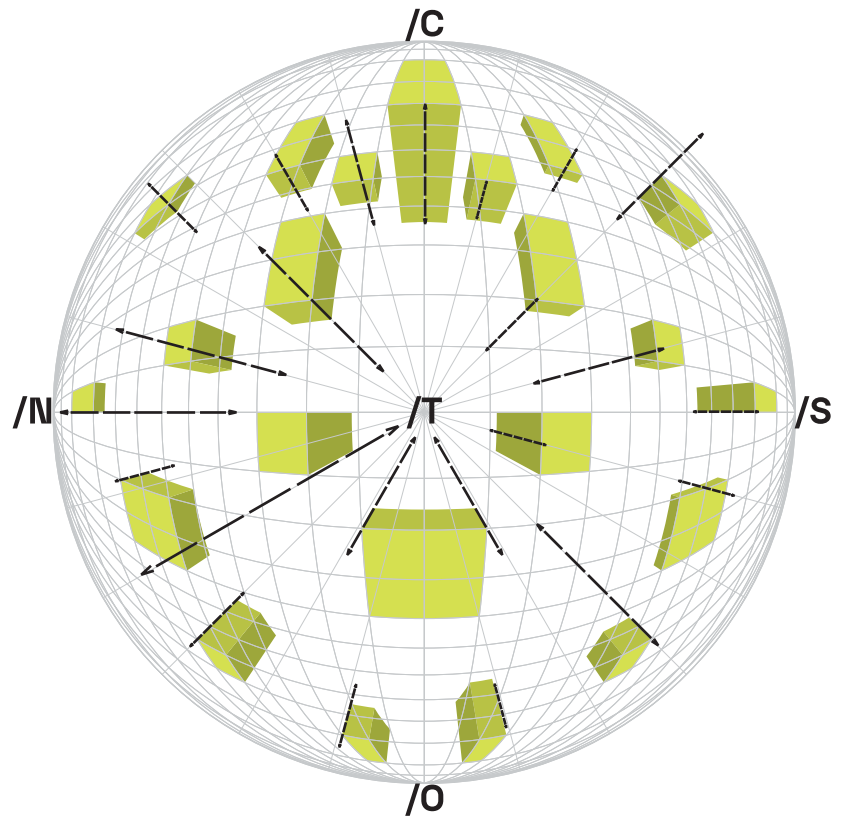
/NARRATIVE

/OPERATIONS

/COMMUNITY

VECTOR

The resulting force at the intersection of Phases and Dimensions is the final output of AVNTGARD: a vector that defines the entire project.



< 1/INV 2/CON 3/ENG 4/ACT 5/AUD >
V E C T O R

/SPACE/TIME/NARRATIVE/OPERATIONS/COMMUNITY



1.3/ THE CORE/ COMMUNITY

OVERVIEW

COLLECTIVE INTELLIGENCE.

A project is a choral act. We firmly believe that excellence is born from the intersection of Academic Research, Advanced Manufacturing, and Pop-Cultural Activation.

ACADEMIC & CURATORIAL KNOWLEDGE

Research and Languages. Our strategic connection with international institutions and curatorial groups. A presence on the frontier of radical pedagogies to translate contemporary culture into new expressive codes.

CRAFTSMANSHIP & INDUSTRIAL EXPERTISE

Production and Rigor. We coordinate an elite supply chain that combines manual intelligence with machine precision. A selected "Producers' Community" that transforms Conceptual Mapping into technical reality, ensuring Made in Italy integrity at every scale.

POP-CULTURAL ACTIVATIONS

A fluid co-design ecosystem acting on unconventional territories. From activating sub-cultural events in London to defining a strategic language in motorsport, to creating a proprietary sound identity developed with electronic music producers. We expand our scope of action by integrating light, sound, and relational dynamics as project variables.



CONTAINERVILLE EVENT/LONDON/2025



LILIA & FRIENDS EVENT/LONDON/2025



GAS TEAM/ITALIAN SUPERBIKE/2025



2/THE WORKS



2.1/ THE WORKS/ SPACE

PROJECT:

THE BOUTIQUE BOOTH

COORDINATES:

INTERNATIONAL EXHIBITIONS FROM 2023

CLIENT:

GIAMI S.R.L.



GERMAN
DESIGN
AWARD
WINNER
2025



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2.1.1/ THE WORKS/ SPACE/ THE BOUTIQUE BOOTH

OVERVIEW

An exhibition system designed to decontextualize precision industrial products and elevate them to luxury standards.



ISH/2023/FRANKFURT/GERMANY

CHALLENGE

Giami is a leader in mechanical processing. The project's goal was to dismantle the perception of a "spare part" and exhibit it as a technical jewel, shifting the focus from industrial supply to brand value.

PROTOCOL

Application of a high-contrast language: the raw aesthetic of industrial shelving merges with lacquered surfaces, mirrored columns, and surgical lighting design. The result is an environment that invites detailed analysis, where mechanical components and luxury finishes coexist.



MCE/2024/MILAN/ITALY

FRAMEWORK

A modular architecture conceived as a logistical investment. The system has been used for 4 consecutive years at major international trade fairs, demonstrating how rigorous design can eliminate obsolescence and optimize operational costs while maintaining elite positioning.



MCE/2026/MILAN/ITALY



2.2/ THE WORKS/ PRODUCT

PROJECT:

APE MAIA CHILDREN' S POUF

COORDINATES:

FIUMICINO AIRPORT 2026

CLIENT:

PLANETA JUNIOR ITALIA S.R.L.



2.2.1/ THE WORKS/ PRODUCT/ APE MAIA CHILDREN'S POUF

OVERVIEW

Engineering of a certified playful seating system, designed to meet rigorous safety and durability standards in international airport contexts.

CHALLENGE

To develop a piece of furniture for the ITA Airways kids' area at Fiumicino Airport. The challenge was to overcome the limits of commercial products: ensuring extreme lightness for children's use and total compliance with Class 1IM fire safety regulations, all while maintaining high-definition pop aesthetics.

PROTOCOL

Approaching the product as a "certified technical object." Research focused on the millimetric balance between rigidity, density, and elasticity. The goal was a volume that is solid in form but soft to the touch, capable of withstanding high traffic without deformation or loss of graphic resolution.

FRAMEWORK

A three-layer architecture: OSB wood core for stability, medium-density foam padding for ergonomics, and a printable elastic polystyrene covering. An asset ready for scale production, developed from brief to delivery in just 4 weeks and fully certified.



2.3/ THE WORKS/ LANGUAGE

PROJECT:

MEDITERRANEA 19 IDENTITY

COORDINATES:

REPUBLIC OF SAN MARINO 2021

CLIENT:

BJCEM AISBL



2.3.1/ THE WORKS/ LANGUAGE/ MEDITERRANEA '19

OVERVIEW

Winning visual identity for a competition held by BJCEM and UNIRSM for the "School of Waters" exhibition, conceived as an adaptive, multi-language sign system.

CHALLENGE

To make the impossible act of "writing on water" tangible. The challenge was to transcend the limits of conventional static graphics to represent the transnational nature of the Biennale through a visual code capable of constant change without losing recognizability.

PROTOCOL

Translating wave motion into a visual code. The system is based on the concentric circle: a primary module capable of changing density and scale, allowing the sign to "inhabit" surfaces rather than just occupy them, emulating the physical propagation of a drop.

FRAMEWORK

Selected as the winner among international proposals. The identity was developed as a communication infrastructure capable of orchestrating the Biennale's narrative across urban and digital spaces, ensuring the authority of the message through its own capacity for transformation.



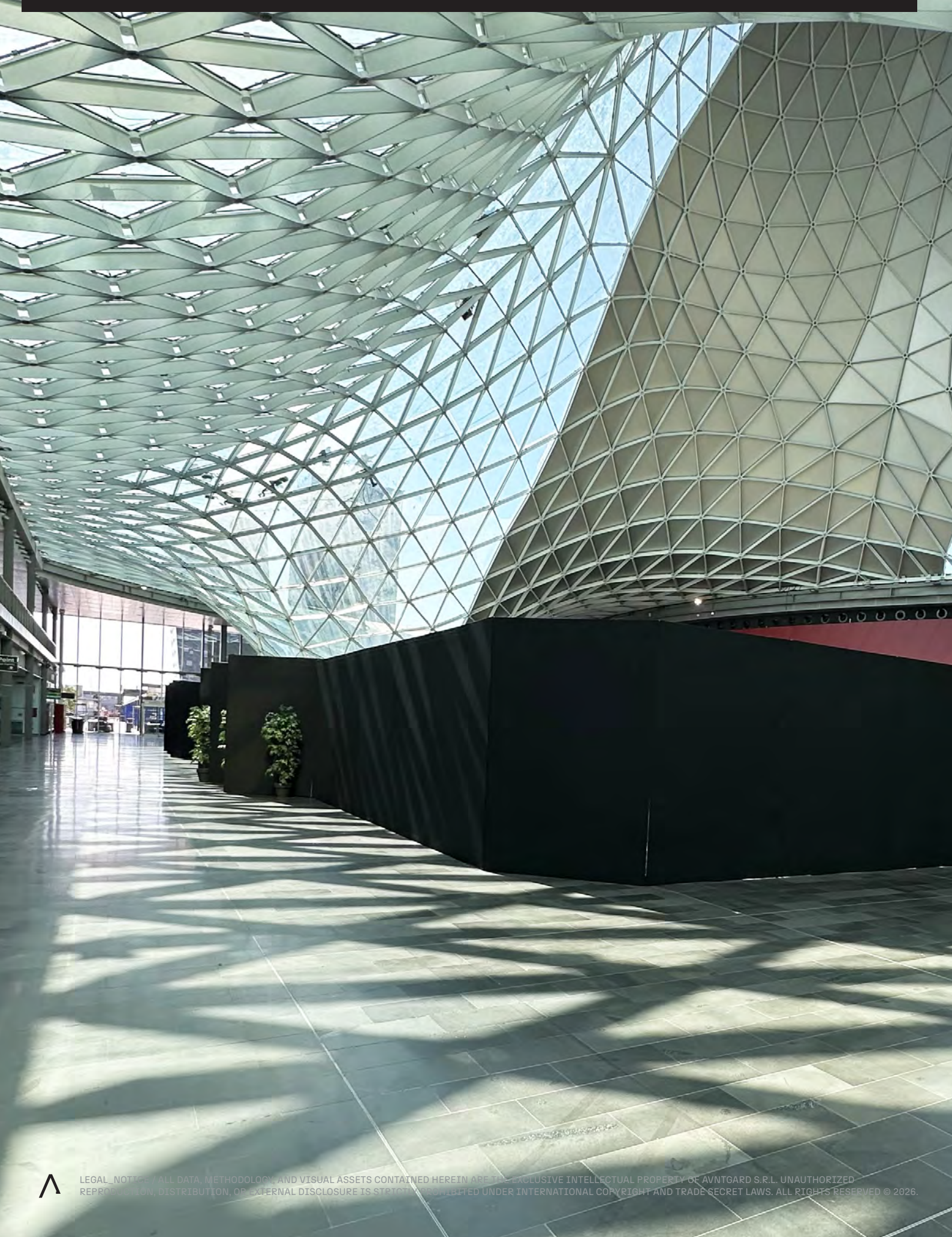
BANNER SOW/SAN MARINO REPUBLIC/2021



FLAG SOW/SAN MARINO REPUBLIC/2021



3/ THE SYSTEM



3.1/ THE SYSTEM/ EXPLORATION

OVERVIEW

The transition from creative intuition to technical encoding. We organize the research process into three key points to transform the brief into an architecture of functional solutions.

MAPPING

Selection and synthesis of primary ideas to define the project's perimeter. Mapping identifies development areas and unique details, turning deep analysis into a clear, rational operational trajectory.

SKETCHING

The immediate translation of thought into form. Fluid gestures define the backbone of the project, anticipating technical and material solutions through a visual synthesis that establishes its constructive identity.

SIMULATION

Aesthetic and functional validation through high-fidelity simulations. For AVNTGARD, a render is not just an image, but a digital prototype capable of accurately predicting the final impact and constructive reality.



CARIMATI CONCEPT BAR/FUORISALONE 2019/MILAN



COWORKING/TERRAVIVA COMPETITION/2023



RETAIL CONCEPT/D1 MILANO/2020



3.2/ THE SYSTEM/ OPERATIONS

OVERVIEW

Encoding the transition from digital data to physical artifact through the control of construction, logistics, and assembly variables.

EXECUTIVE DESIGN

Translation of the digital prototype into individual components, detail drawings, and assembly instructions. The executive phase is the technical oversight that eliminates the margin of deviation between project and reality.

SUPPLY CHAIN

Coordination of an elite production chain. Management of flows and volumes as integrated design parameters. Logistics is a technical extension of the project aimed at controlling component integrity and storage efficiency.

LIFE CYCLE

"Plug-and-play" assembly engineering designed to slash installation time and costs. Every asset is built to last: we schedule maintenance cycles and functional updates that turn the project into a reusable capital investment.



3.3/ THE SYSTEM/ CIRCULARITY

OVERVIEW

A project's life cycle is studied to eliminate the concept of "waste." We transform the overhead costs of setups into recurring capital investments through recovery, reuse, and transformation principles.

RECOVERY

Trade fair setups. Full recovery of technical components (metal structures, polymers, textiles). Each module is cataloged and stored to be reconfigured in future exhibition cycles, neutralizing future production costs.

REUSABLE

Engineering of custom furniture and components designed as long-term assets. Structural elements born for temporary contexts are prepared for permanent integration into retail, showrooms, or corporate environments.

EVOLUTION

When a material reaches the end of its primary life cycle, we transform it into a new brand opportunity. We created a capsule collection (backpacks, laptop covers, accessories) through heat-sealing and artisanal processing of discarded PVC banners. This internal research project won the GERMAN DESIGN AWARD 2025.



AVNTGARD BAG/2025



THANKS

Beyond every project, remains the value of shared time.
Thank you for exploring **AVNTGARD /DESIGN CORE**.



