

I design, build and operate AI agents and LLM-based applications for enterprise environments – from RAG pipelines and tool-calling orchestration to integration with business platforms, APIs and data, deployment and monitoring.

Software engineer and technical lead with a long track record delivering digital products for organisations such as NEOM, CaixaBank, Inditex, HP, FC Barcelona and Mobile World Capital. I work at the intersection of technology, data and business processes, turning AI into measurable value: automated analysis, reporting and decision support.

Generative & Agentic AI

LLM agents (tool calling, multi-agent orchestration, MCP) · RAG pipelines (Supabase pgvector, LlamaIndex) · Claude, GPT-4o and Gemini APIs · prompt engineering · model fine-tuning · agent evaluation, monitoring & alerting · guardrails and data-sovereignty by design

Cloud & Data platforms

Azure AI Foundry / Azure OpenAI (hands-on, POC level) · Databricks (hands-on, POC level) · PostgreSQL / Supabase · AWS · GCP · Vector Databases · REST APIs and enterprise integrations

Software engineering

Python · JavaScript · PHP · Git / GitHub, CI/CD pipelines · Docker / DDEV · Drupal 10/11, WordPress, Shopify · Web & iOS app development · Unreal Engine · Unity · OpenFrameworks · TouchDesigner

Voice & multimodal AI

Deepgram STT · ElevenLabs TTS · Conversational avatars · ComfyUI / Flux / LoRA · Custom training Models · Large inferences

Project management · Technical leadership · Client and stakeholder communication · Product ownership from concept to production · Public procurement bidding

Dani Costa

Barcelona · danielgonzalezcosta@gmail.com · +34659699395

AI Engineer · Agentic Systems, LLM Applications & Technical Lead

Diploma degree in Telecommunications
Bachelor's degree in Fine Arts
Master's Degree in Graphic Design & Digital Media
Technical Strategic Consultant
Founder of lume.office

NEOM Bay Strategy
NEOM Livability Design Principles
NEOM Integrated Strategy (IS)
NEOM Projects. The Spine Animations
NEOM Designs Experience APP
NEOM Bay Mansions App
NEOM Mountain Mansions App
NEOM Bay Masterplans App
NEOM The Line FB#01
NEOM Board Presentations Website & App
NEOM Museum
NEOM Gulf of Aqaba Sci-Fi Ideation Imagery App
NEOM Project Y App
NEOM Masterplans. VR & APP Development
NEOM The Line Public Exhibition. Riyadh
NEOM Enowa Generation Sites
NEOM Magna FB#09
NEOM Magna FB#10
NEOM Magna FB#12
NEOM Magna FB#15
NEOM Shushah FB#12. APP Development
NEOM Mobility Platform
NEOM Tabuk Buffer. APP Development

VESTAS. Wind Space. Madrid - Interactive Dev.
FCB. Fútbol Club Barcelona Museum. Barcelona
DEXEUS Foundation. Be a Woman, today Exhibition
Naval Museum Exhibition Madrid - Interactive Dev
Exhibition MIPIM Cannes – AV Interactive Installation
Fira Barcelona – Web/App Development
MWCongress Barcelona / Shanghai
EMAV – Web/App/ Alumni Digital Portfolio Tool
Barcelona Fire Museum - Interactive Dev
Barcelona Stand at IOT Solution World Congress
HP – Customer Experience User Journey
Cosmo Caixa - Barcelona Science Museum.
Experiment 2100. Tech Consultant / Lead Developer
Kuwait Science Museum (Sheikh Abdullah Al Salem Cultural Centre). Periodic Table Interactive Installation
EVERIS Living Lab. Tech Consultant / Lead Dev
Colonial. AV Installation / Live Experiences. Lead Dev
FCB. Fútbol Club Barcelona. Haikou Experience
Museum. China - Tech Consultant / Lead Developer
Massimo Dutti. New Typography Project
Helmut Newton. Fact & Fiction - Video Installation
ZARA. Shaping Today X Tomorrow Exhibition
KSP Aviation Museum. Riyadh

Main clients

NEOM

INDITEX

HP – Hewlett-Packard

La Caixa

FCB – Fútbol Club Barcelona

Seat / Cupra

MWC – Mobile World Congress

ISE – Integrated Systems Europe

Barcelona City Council

Fira Barcelona

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Main projects

VESTAS. Wind Space. Interactive Installation. Madrid

FCB. Fútbol Club Barcelona Museum. Barcelona

DEXEUS Foundation. Be a Woman, today Exhibition. Barcelona

Naval Museum Exhibition. Madrid

Fira Barcelona. Web Development / App Development

MWCongress. Barcelona / Shanghai

Barcelona Fire Museum. Barcelona City Council

IOT Solution World Congress. Barcelona

HP (Hewlett-Packard). Customer Experience User Journey

Cosmo Caixa. Barcelona Science Museum. Experiment 2100.

Kuwait Science Museum (Sheikh Abdullah Al Salem Cultural Centre)

EVERIS Living Lab. Barcelona

FCB. Fútbol Club Barcelona. Haikou Experience Museum. China

Massimo Dutti. New Typography Project

ZARA. Shaping Today X Tomorrow Exhibition

KSP Aviation Museum. Riyadh

Project Management
AI LLM & Software Development
API Integration
Process Automation

Productos

Structured Finance



Agentes

 Análisis de Due Diligence	 Screening de Oportunidades
 Preparación de presentaciones	 Monitorización y Alertas ● ACTIVE
 Modelización financiera asistida ● ACTIVE	

AGENTES ACTIVOS

Monitorización y Alertas	
Modelización financiera asistida	

Informes y reporting

Informes Predefinidos + Historial

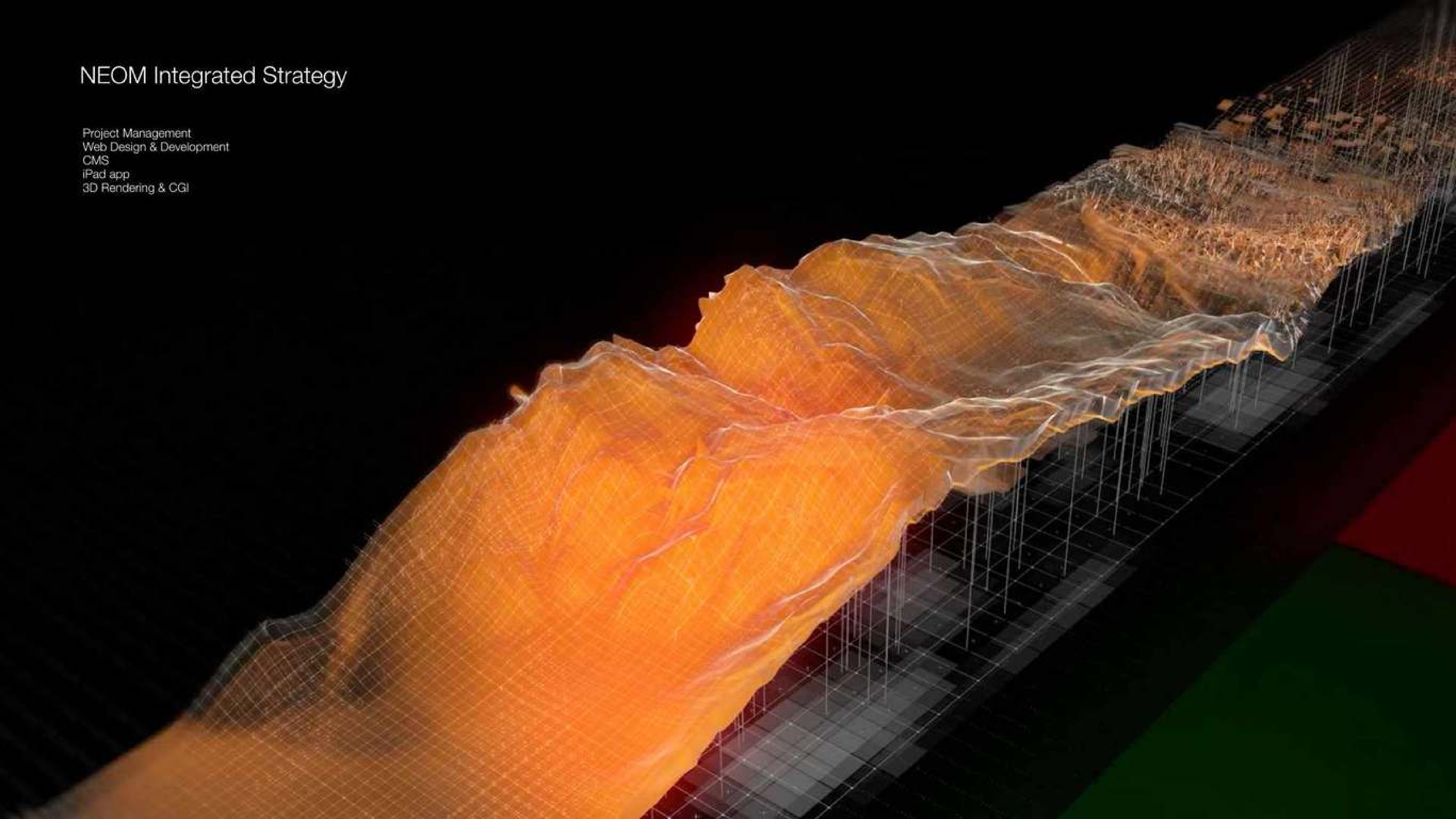
 Informe Semestral	
 Grandes Operaciones - Structured Finance / Último año / Structured Finance / Operaciones > 200M€ / Internacional	
 Informe Genérico de Productos / Últimos 6 meses / Genérico Productos / Operaciones > 200M€ / Internacional	
 Informe Genérico de Industrias / 2S 2025 / Genérico Industrias / >5200M / Internacional	
Monoproducto - Structured	

¿Cómo puedo ayudarte?



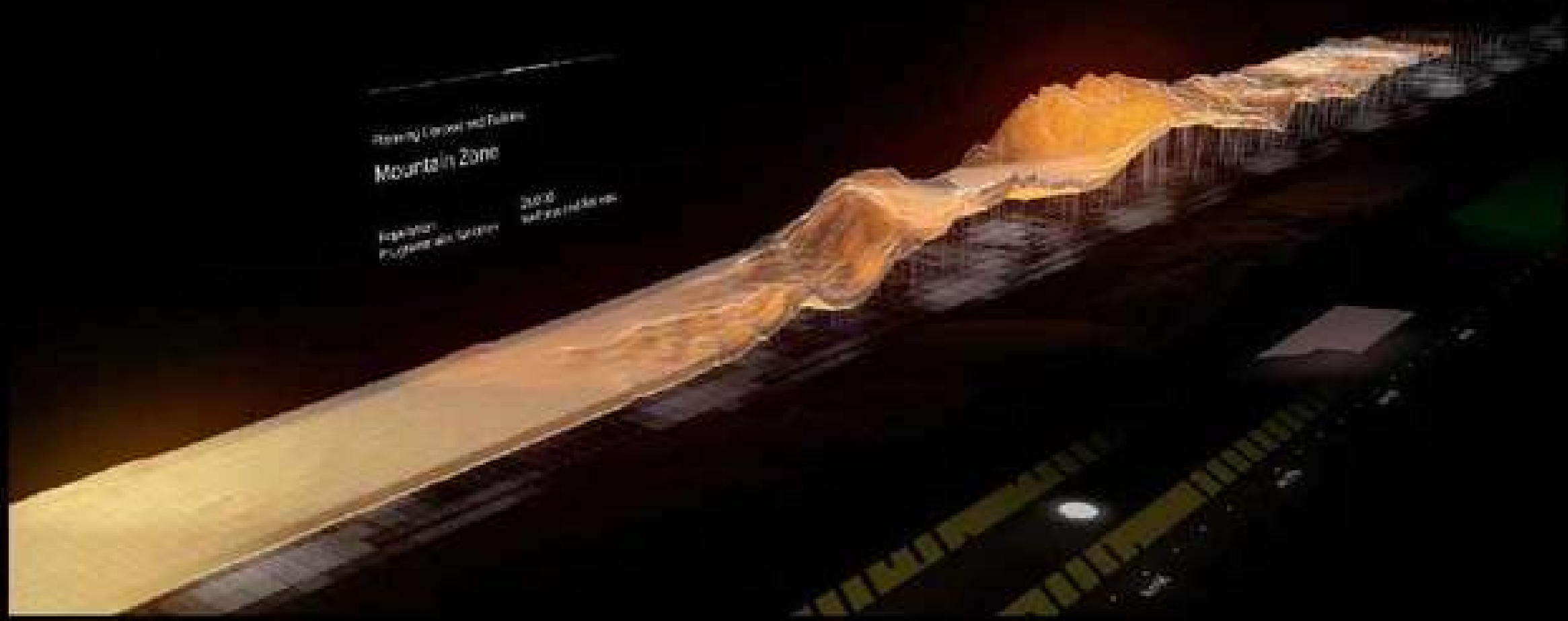
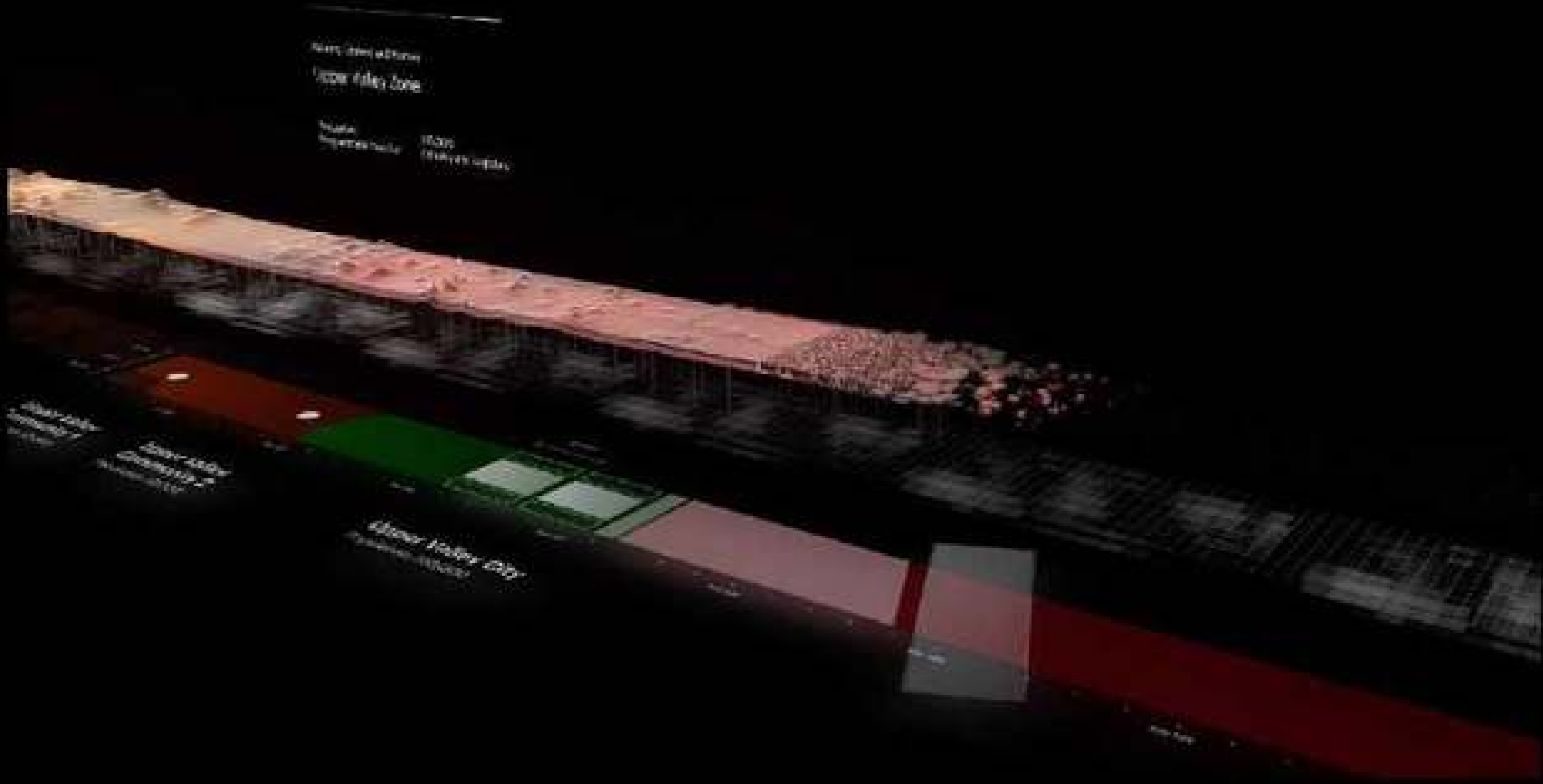
NEOM Integrated Strategy

Project Management
Web Design & Development
CMS
iPad app
3D Rendering & CGI



NEOM Integrated Strategy

- Project Management
- Web Design & Development
- CMS
- iPad app
- VR Application
- 3D Rendering & CGI

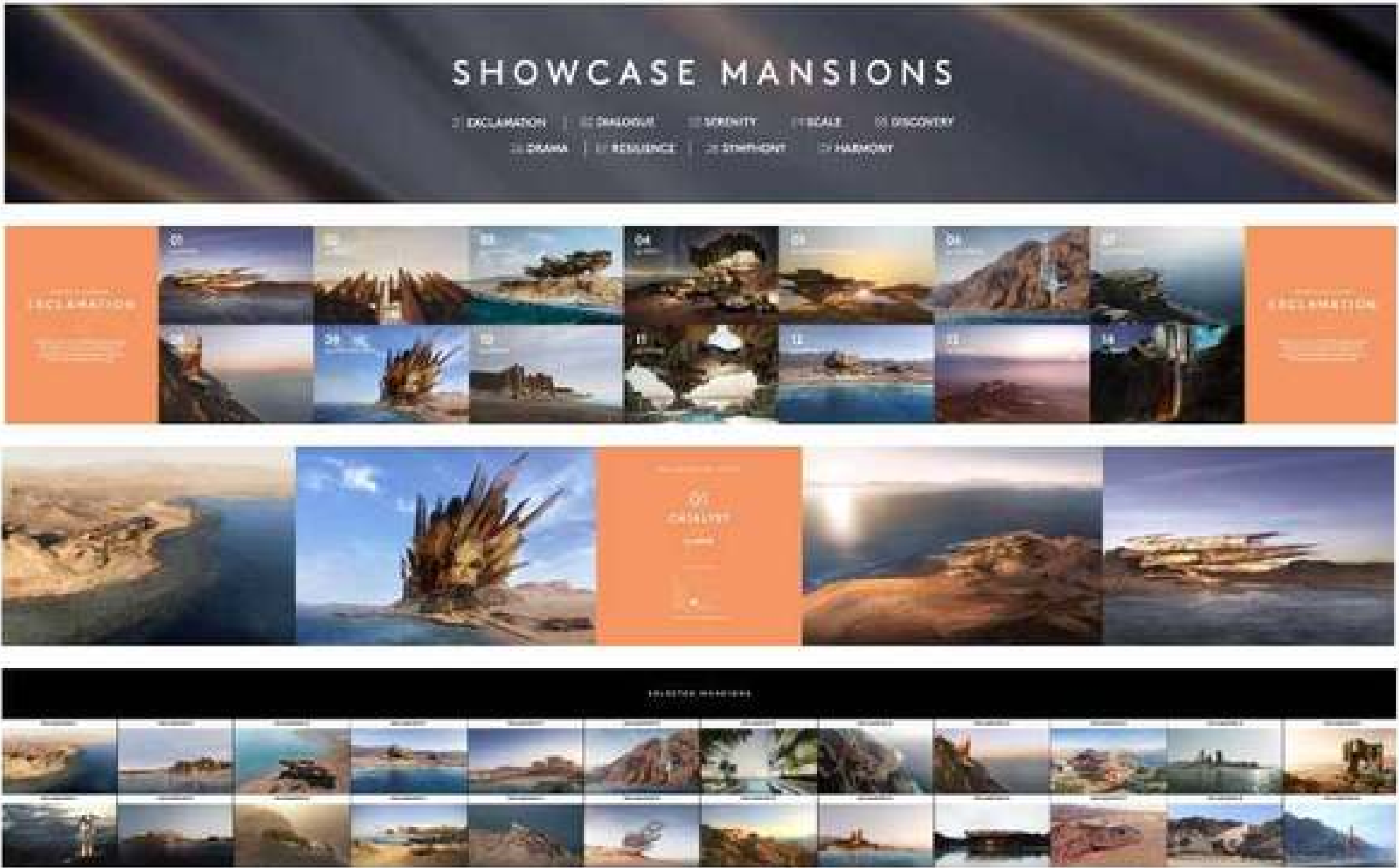


MAGNA FB#12

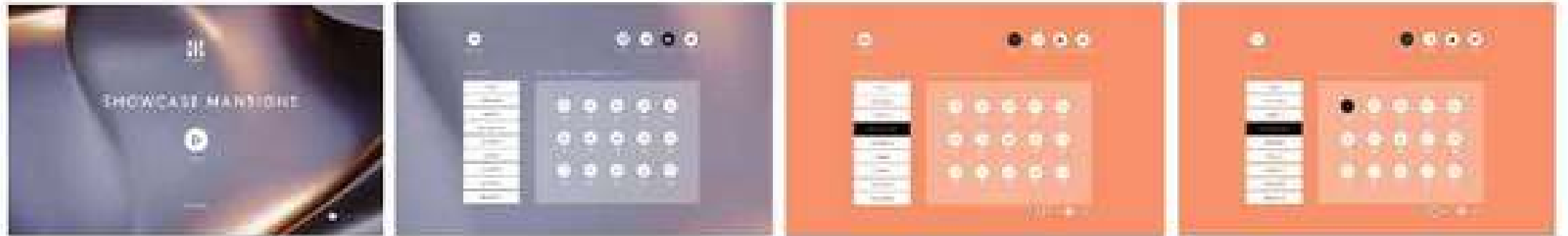
Project Management
CMS
Controller Application
Catalog App



Screen



Controller



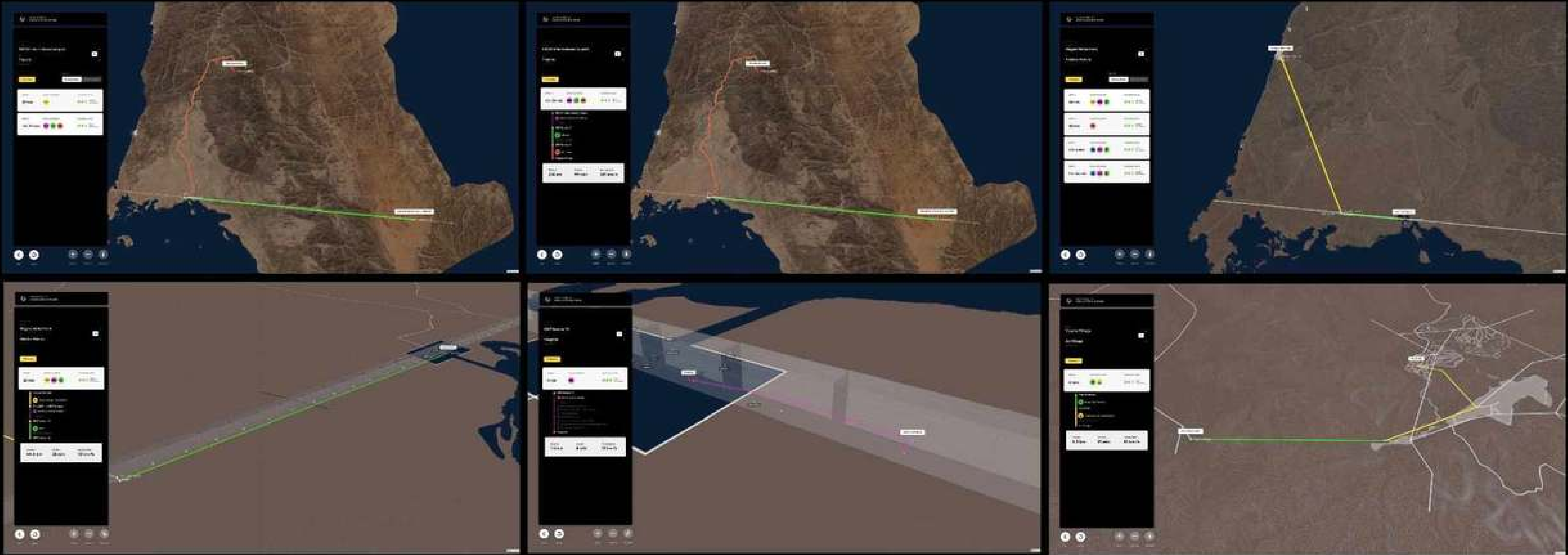
MAGNA FB#15

Mansions Showcase Interactive Installation
Project Management
CMS for Exhibition Content Control
Exhibition Content App
iPad Exhibition Controller
Desktop Controller App



NEOM Mobility. Simulation Platform

- Project Management
- UX Design & Integration
- Platform Development
- Routing and Directions Server Development
- Route Planner Development
- Tile Server Development
- Audiovisual Content Creation



The Line Exhibition. Riyadh

Project Management
Interactive Installations
Multimedia Installations
Audiovisual Content
Digital Signaling



The Line Exhibition. Riyadh

Project Management
Interactive Installations
Multimedia Installations
Audiovisual Content
Digital Signaling



FC Barcelona Museum Haikou

Project Management
Interactive Installations
Multimedia Installations
Audiovisual Content



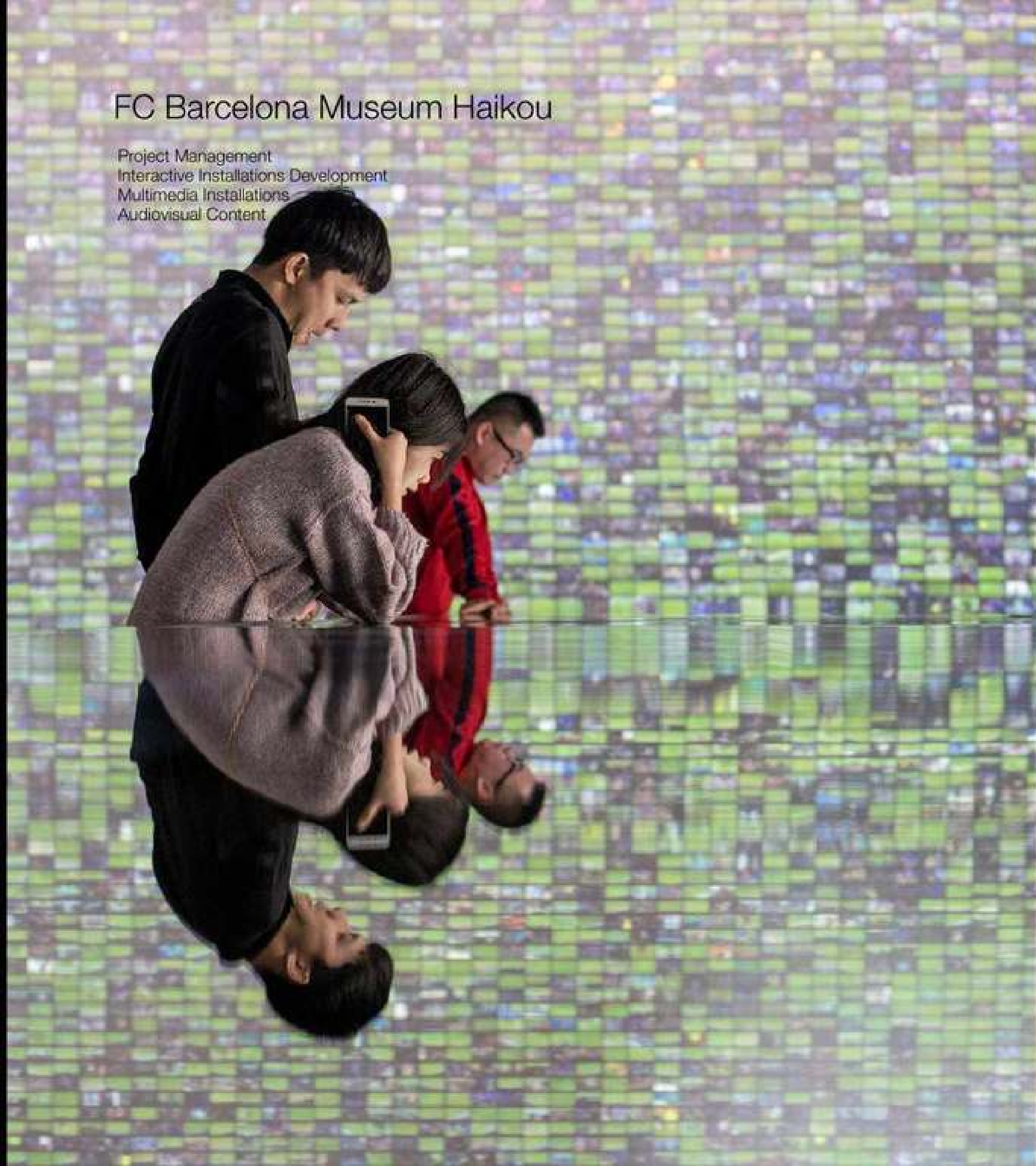
FC Barcelona Museum Haikou

Project Management
Interactive Installations
Multimedia Installations
Audiovisual Content



FC Barcelona Museum Haikou

Project Management
Interactive Installations Development
Multimedia Installations
Audiovisual Content



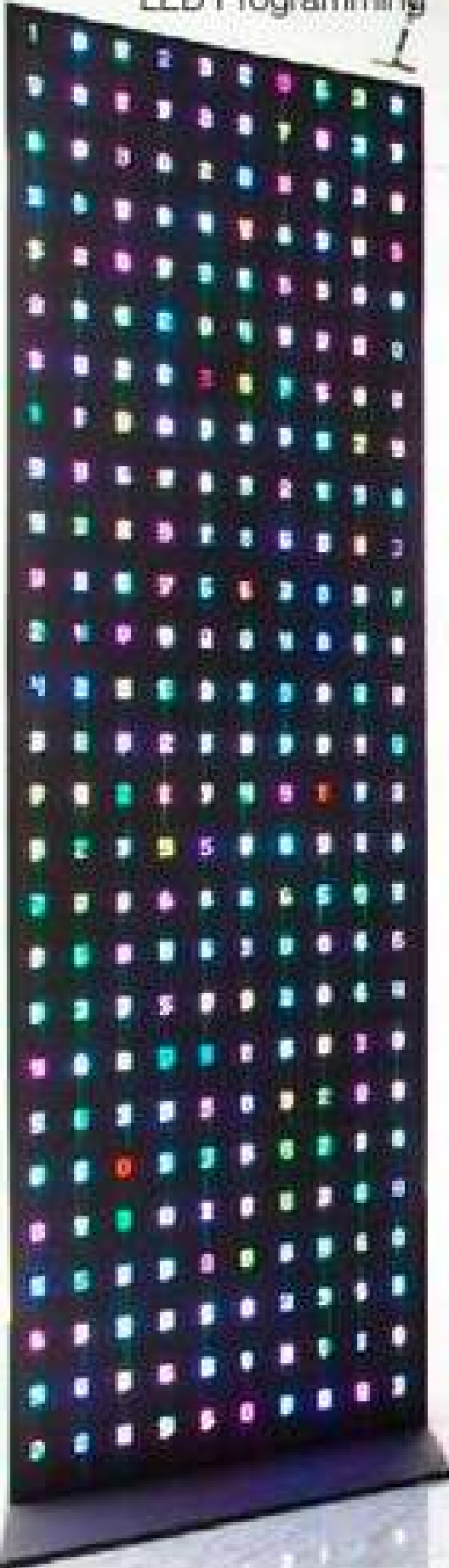
Mobile World Centre

Project Management
Interactive Installations Development
Multimedia Installations
LED Programming



Mobile World Centre

Project Management
Interactive Installations Development
Multimedia Installations
LED Programming



Cosmo Caixa. Experiment 2100 Exhibition

Project Management
Interactive Installations Development
Multimedia Installations



EL FUTUR IMAGINAT

EL FUTUR IMAGINADO
THE IMAGINED FUTURE

El shock del futuro
El shock del futuro
The shock of the future

About 700 or 400 years ago, our ancestors could predict that in their lifetime the world would remain practically the same as the one they discovered in their childhood. Knowledge that's no longer true. The development of the industrial world and the changes in urbanization & transport has given the concept of future more importance.

As we live in the so-called shock of the future, meaning we are in a changing too fast and therefore we feel the need to anticipate these changes, the enormous popularity of science fiction is nothing but a reliable reflection of this concern.

Cosmo Caixa. Experiment 2100 Exhibition

Project Management
Interactive Installations Development
Multimedia Installations

MEGATENDÈNCIES: QUÈ PASSARÀ D'AQUÍ AL 2100?

MEGATENDÈNCIES: QUÈ OCURRIRÀ DE AQUÍ AL 2100?
MEGATRENDS: WHAT WILL HAPPEN BETWEEN NOW AND THE YEAR 2100?

Les megatendències són tendències que s'estenen al llarg de tota la història de la humanitat i que podran afectar a tota la humanitat. Són tendències que s'estenen al llarg de tota la història de la humanitat i que podran afectar a tota la humanitat.

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SUPERPOBLACIÓ

El món està experimentant un creixement demogràfic sense precedents. El nombre de persones que viuen a la Terra està augmentant a una velocitat alarmant.

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MEGACIUTATS

El món està experimentant un creixement demogràfic sense precedents. El nombre de persones que viuen a la Terra està augmentant a una velocitat alarmant.

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SUPERPOBLACIÓ

ESPANYA PERDRÀ 5,6 MILIONS D'HABITANTS EN 50 ANYS

MUNDIAL NO

Massimo Dutti. New Typography Showcase

Art Direction
Graphic & Web Design
Typography Catalog Application
Interactive Application



2024 ZARA. SHAPING TODAY FOR TOMORROW

Project Management
CMS for Exhibition Content Control
Recording App
iPad Exhibition Controller



2024 ZARA. SHAPING TODAY FOR TOMORROW

Project Management
CMS for Exhibition Content Control
Recording App
iPad Exhibition Controller



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CMS for Exhibition Content Control
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