POWERBIM

DIGITAL TWIN PLATFORM BIM BASED FOR ASSET LIFECYCLE PERFORMANCE SMART BUILDINGS INTEGRATED IN SMART CITIES

powerbim.com



CYBERPHISICAL DATA VALUE CHAIN ECOSYSTEM FOR SMARTER AND MORE SUSTAINABLE ASSETS



FERNANDO MORALES TOSAR CEO & Digital Innovation Manager. POWERBIM / BIM6D

- -Architect / Bim Manager ACP excellence
- -Expert in Sustainability and Energy Efficiency
- +15 years of experience in AECO sector
- +5 years of experience in DIGITALTWINS POWERBIM product



AUTODESK FORGE® Certified Systems Integrator

POWERBIM

DIGITALTWIN PLATFORM COMPANY FOR LIFECCYLE ASSET MANAGEMENT - 10 PEOPLE

POWERBIM IS A CLOUD SCALABLE DIGITALTWIN PLATFORM FOR BUILDINGS AND CITIES BASED IN BIM + DATA ANALYTICS BIM6D IS THE DIGITALIZATION SERVICES COMPANY ABLE TO COMPLEMENT POWERBIM WHEN NEEDED

KEY POWERBIM TEAM MEMBERS:



Juan. CTO
-Infrastructure
-Full Stack Developer



Gonzalo.
-Product Manager
-Architect. VR spec.



Roman.
-Software Developer
-System Analyst



Brandon. CTO
-Data Science
-Full Stack Developer

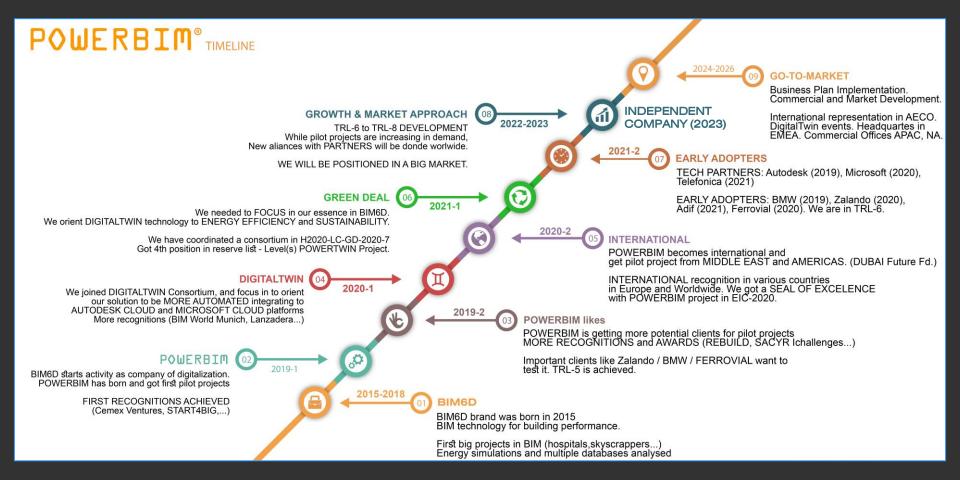


Pablo.
-BIM developer
-BIM Manager



-BIM developer -BIM Manager

Renzo.



TIMELINE WITH A SUMMARY OF PAST, PRESENT AND FUTURE

40%

OF ENERGY CONSUMPTION BY BUILDINGS

93%

OF EUROPEANS CONSIDER CLIMATE CHANGE IS A SERIOUS PROBLEM

EACH HOME IN EUROPE PRODUCES

10tn of CO2

AND DEMAND

75Kwh/m2

OF PRIMARY ENERGY WHEN GOAL IS TO ACHIEVE 35Kwh/m2



CLIMATE CHANGE IS THE BIG PROBLEM TO SOLVE BUILDINGS ARE RESPONSIBLE OF 40% OF CARBON EMISSIONS TECHNOLOGIES AND STAKEHOLDERS NEED TO BE INTEGRATED TROUGH DATA

20Kwh/m2 FOR PRIMARY ENERGY

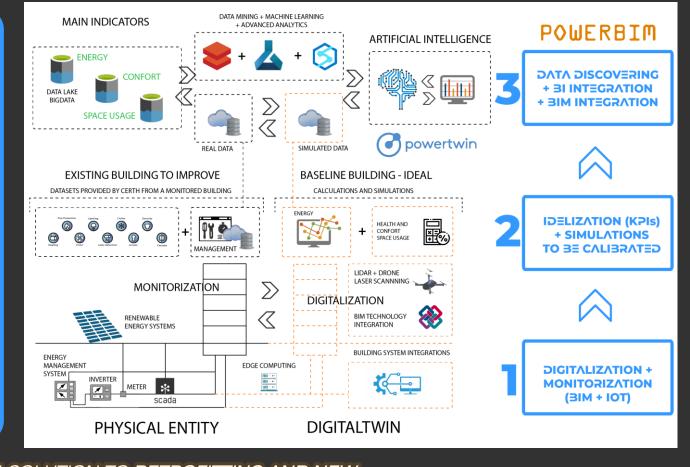
30% CO2 REDUCTION

30% WASTE REDUCTION IN

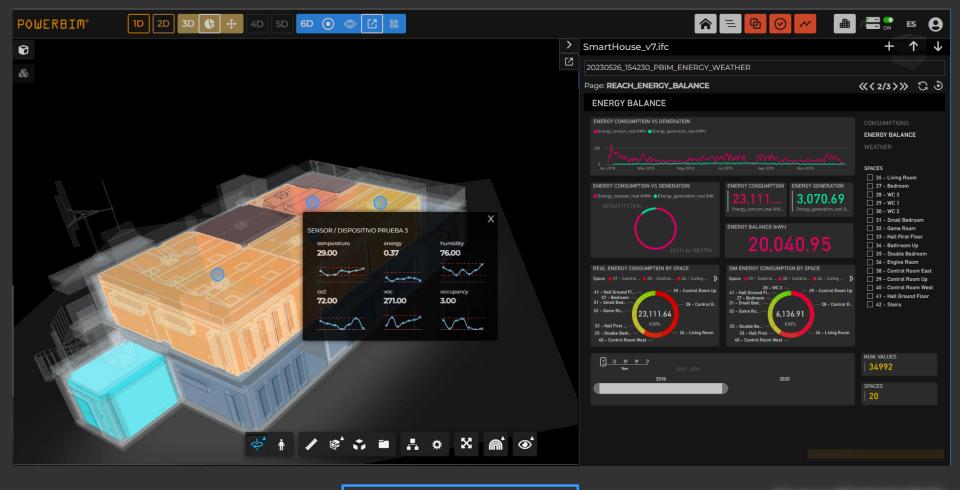
CONSTRUCTION

30% COST REDUCTION

30%
IMPROVEMENT
OPERATIONAL
PROCESSES

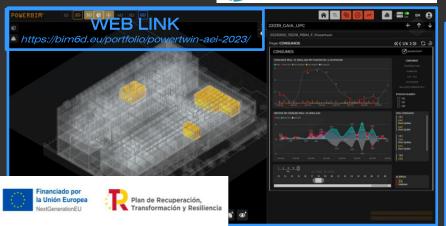


WE INTEGRATE DIGITALTWIN SOLUTION TO RETROFITTING AND NEW CONSTRUCTION BUILDINGS, SIMULATING BIM MODELS AND ENERGY GENERATION, SUSTAINABILITY INDICATORS AND ARTIFICIAL INTELLIGENCE.

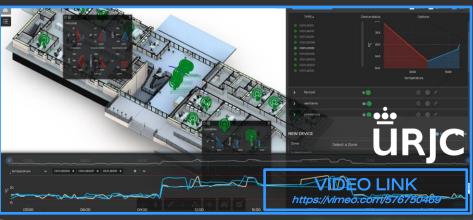


VIDEO LINK









MORE THAN 50 DIGITALTWIN PROJECTS
RESEARCH AND DEVELOPMENT PROJECTS / UNIVERSITIES

