



**CAPITAL
MARKETS DAY**
2022

SUSTAINABLE CITIZEN EXPERIENCES

Florence VERZELEN

Infrastructure & Cities Sector Board Chairwoman

INFRASTRUCTURE & CITIES

48%
Global GDP



2/3
CO₂ Emissions



\$94 TN
Investment by 2040



AGENDA

Infrastructure & Cities Sector

1. Infrastructure & Cities Challenges
2. Dassault Systèmes' Solutions to Foster Sustainable Transformations
3. Dassault Systèmes' Ecosystem to Win the Sector

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INFRASTRUCTURE & CITIES INDUSTRIES

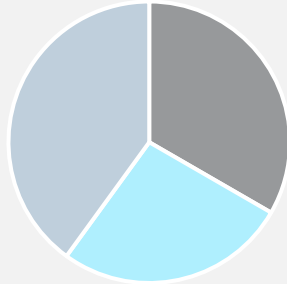
Financial Year 2021

Infrastructure, Energy & Materials

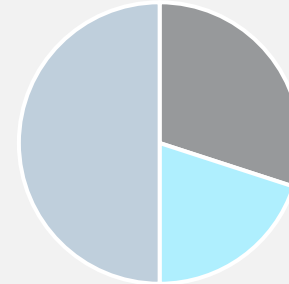
Architecture, Engineering & Construction

Cities, Public & Business Services

PAM : \$ 30 BN



TAM : \$ 10 BN



10%

Dassault Systèmes Software Revenue
Share YTD 2021

10%

CAGR of Total Accessible Market
2021-2025

INFRASTRUCTURE & CITIES CHALLENGES

DECARBONATION



2/3

GLOBAL GREENHOUSE
GAS EMISSIONS

POWER MARKET
DISRUPTION



3x

LICENSE TO
OPERATE



- Zwentendorf Nuclear Power Plant (*Austria, 1978*),
- Minas Conga Copper and Gold Project (*Peru, 2011*),
- Notre-Dame-des-Landes (*France, 2018*),
- Keystone XL Pipeline Project (*Canada-US, 2021*)

SUPPLY CHAIN
DISRUPTIONS



3x

CONSTRUCTION INDUSTRY
PRODUCTIVITY



2x

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OUR 6 PLANS TO TRANSFORM THE SECTOR FOR SUSTAINABILITY & RESILIENCE



**Sustainable Materials
& Recycling**



**Construction
Ecosystem**



**Renewables & New
Energies**



**Civil & Transportation
Infrastructure**



**Resilient &
Sustainable Cities**



**Logistics & Supply
Chain Visibility**

SUSTAINABLE MATERIALS & RECYCLING



**SUSTAINABLE
PRODUCTION**



Operations Planning
& Scheduling

Asset Integrity
Excellence



**MATERIALS
PERFORMANCE**



Lab
Excellence

Materials
Excellence



**RECYCLABLE
BY DESIGN**

Lifecycle Assessment

Mine Production &
Distribution Scheduling

Strategic Mine Planning
& Design



**SUSTAINABLE
EXTRACTION**



RENEWABLE & NEW ENERGIES

NUCLEAR
ENERGY

Technological Leadership in New built



RENEWABLE
ENERGIES

Technological Leadership in Wind Turbines



Small Modular Reactor adding new dimensions

Plant designed as a Modular Product

Plants delivered as a Program

Plants managed in a Fleet



10
INDUSTRY SOLUTION
EXPERIENCES

TO ADDRESS

THE VALUE
NETWORK

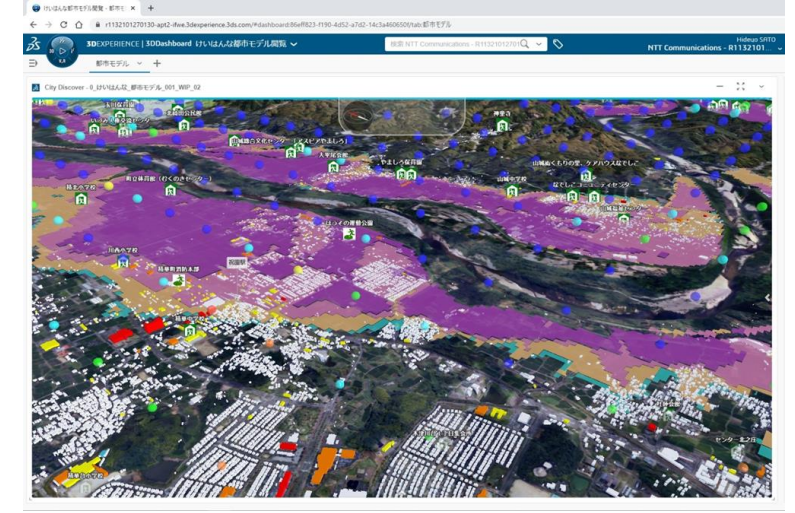
RESILIENT & SUSTAINABLE CITIES



MOU SIGNATURE CEREMONY WITH ROYAL COMMISSION FOR AL ULA



QINGDAO INNOVATION CENTER



© SMART KEIHANNA PROJECT: DIGITAL TWIN FLOOD HAZARD MAPS AND MOBILE PHONE USER DATA

\$ 2 TN

SMART CITY MARKET IN 2026

CONSTRUCTION ECOSYSTEM

From Silos...



...To Value Networks



OUR SOLUTIONS

From Experience
to Construction

Design for Building
Fabrication



Virtual Twin of
Construction

Integrated Built
Environment



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OUR APPROACH



**Creating the market with
first-of-a-kind references**

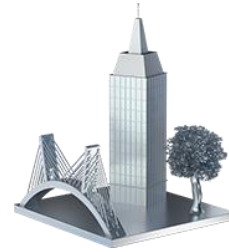


**Fostering new ecosystems
to achieve growth**

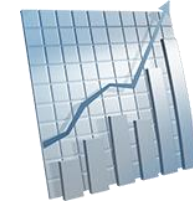
INFRASTRUCTURE & CITIES MAJOR REFERENCES



Infrastructure, Energy & Materials



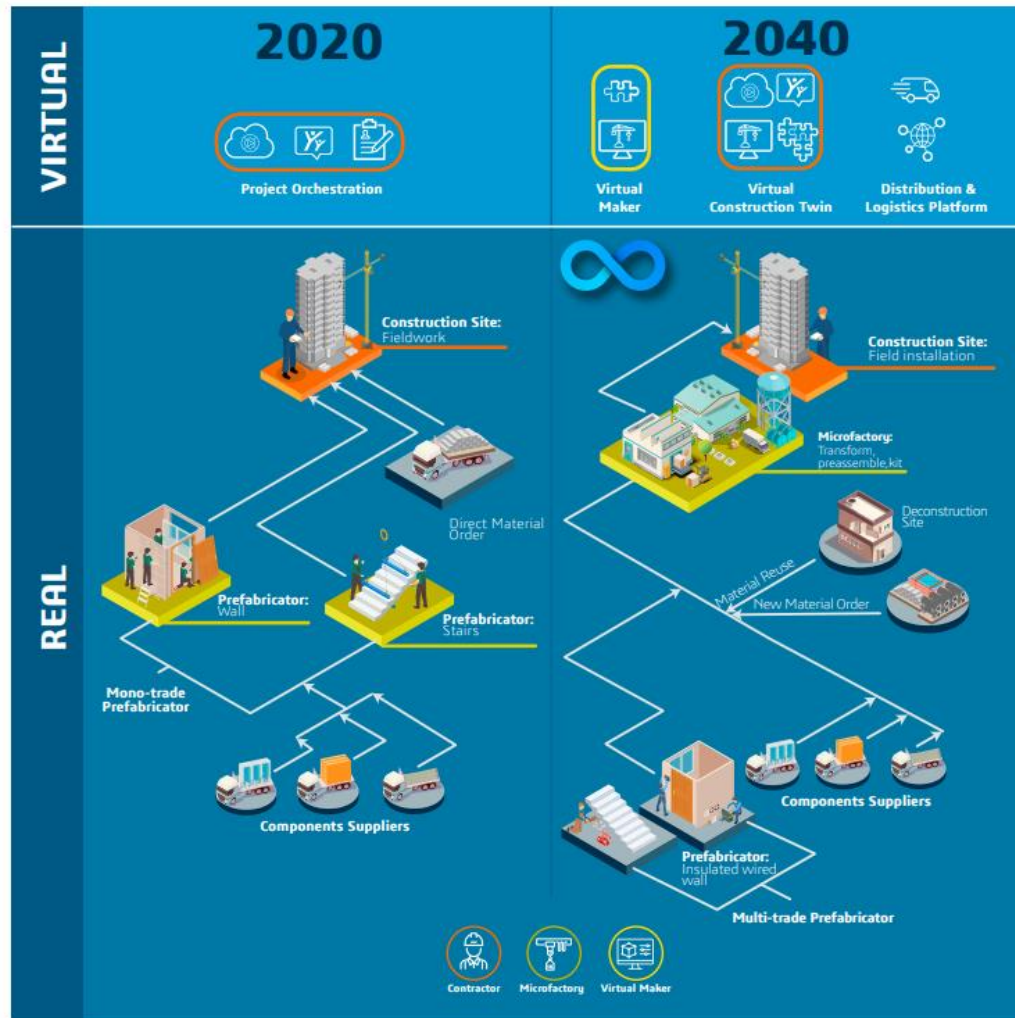
Architecture, Engineering & Construction



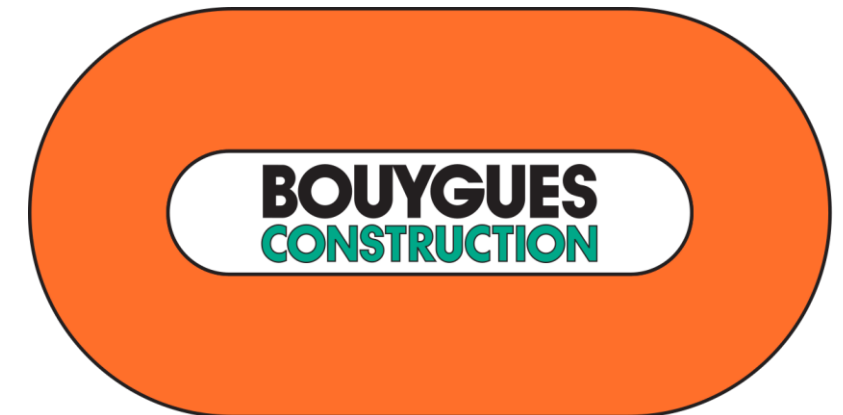
Cities, Public & Business Services



AEC : PRODUCTIZATION OF CONSTRUCTION



Long-term Strategic Partnership



CITIES : BUILDING NEW ECOSYSTEMS OF INNOVATION

European collaborative ecosystem enabling secure and sustainable mobility



Connected Vehicles

Mobility Services

Energy

REVENUE GROWTH PERSPECTIVES

2021-2025e CAGR

Manufacturing Industries

70%¹

New usages 5G – IoT

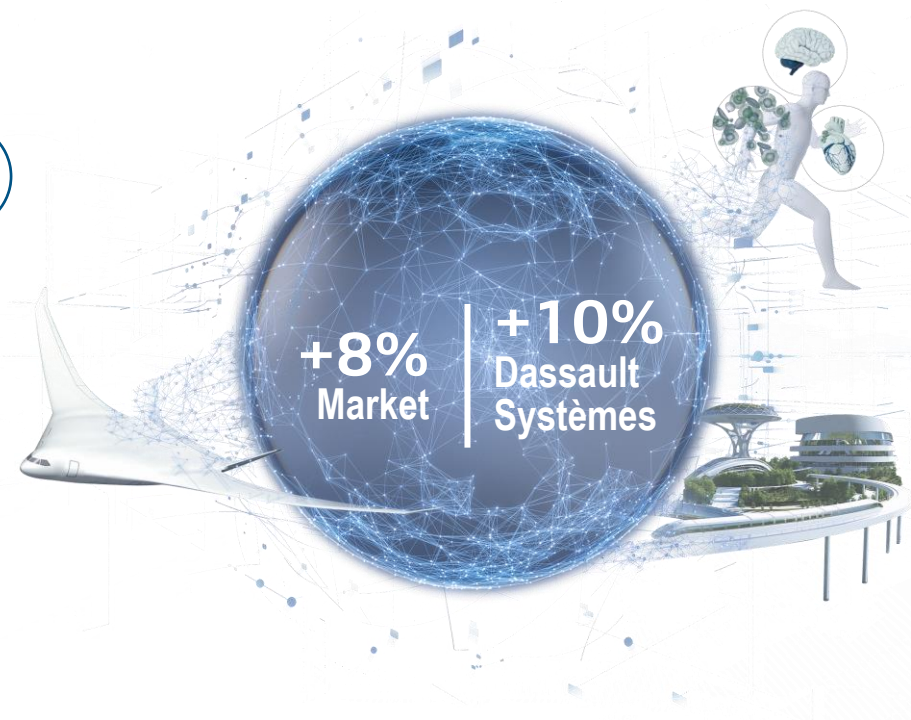
Consumer Markets

Sustainability



+7%
Market

+9-10%
Dassault Systèmes



+8%
Market

+10%
Dassault Systèmes

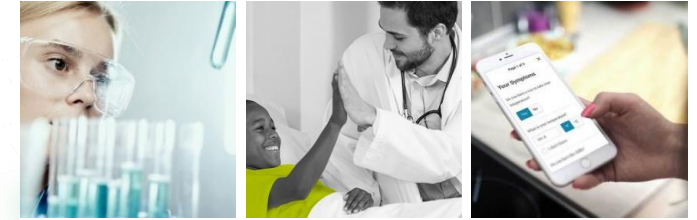
Life Sciences & Healthcare

20%¹

Time to innovate

Patient centricity

Real world evidence



+9%
Market

+13-15%
Dassault Systèmes

Infrastructure & Cities

10%¹

Quality of life

Health

Job creation



+10%
Market

+12-14%
Dassault Systèmes

OUR PURPOSE

“Dassault Systèmes provides business & people with 3DEXPERIENCE® universes to imagine sustainable innovations capable of harmonizing product, nature and life.”

