

SEP Scaleup Summit

London, June 2019

Deep Dive: Digital Construction & Infrastructure

Dave Desimini

Global GTM Strategy & Partnerships, Autodesk Construction Solutions

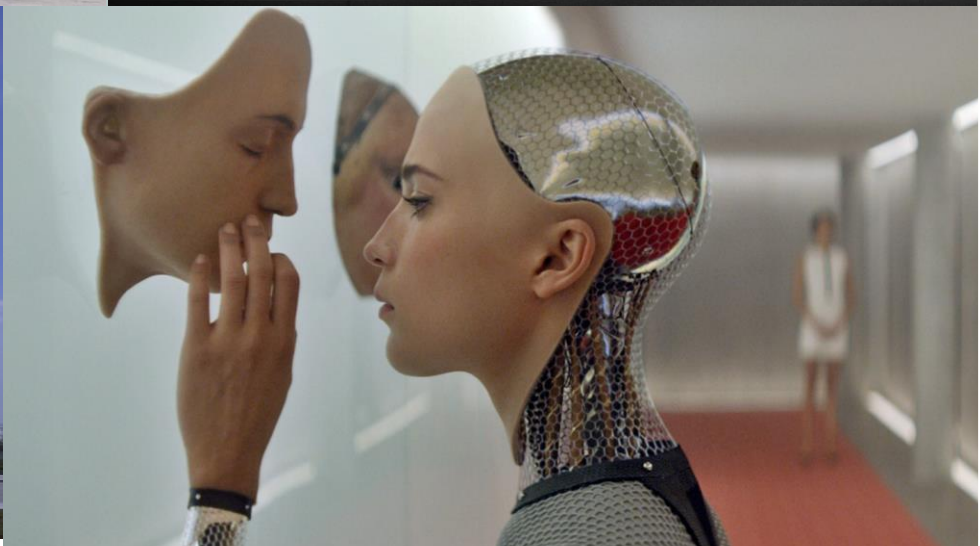


AUTODESK

The Autodesk
vision is to help
people imagine,
design, and make a
better world.

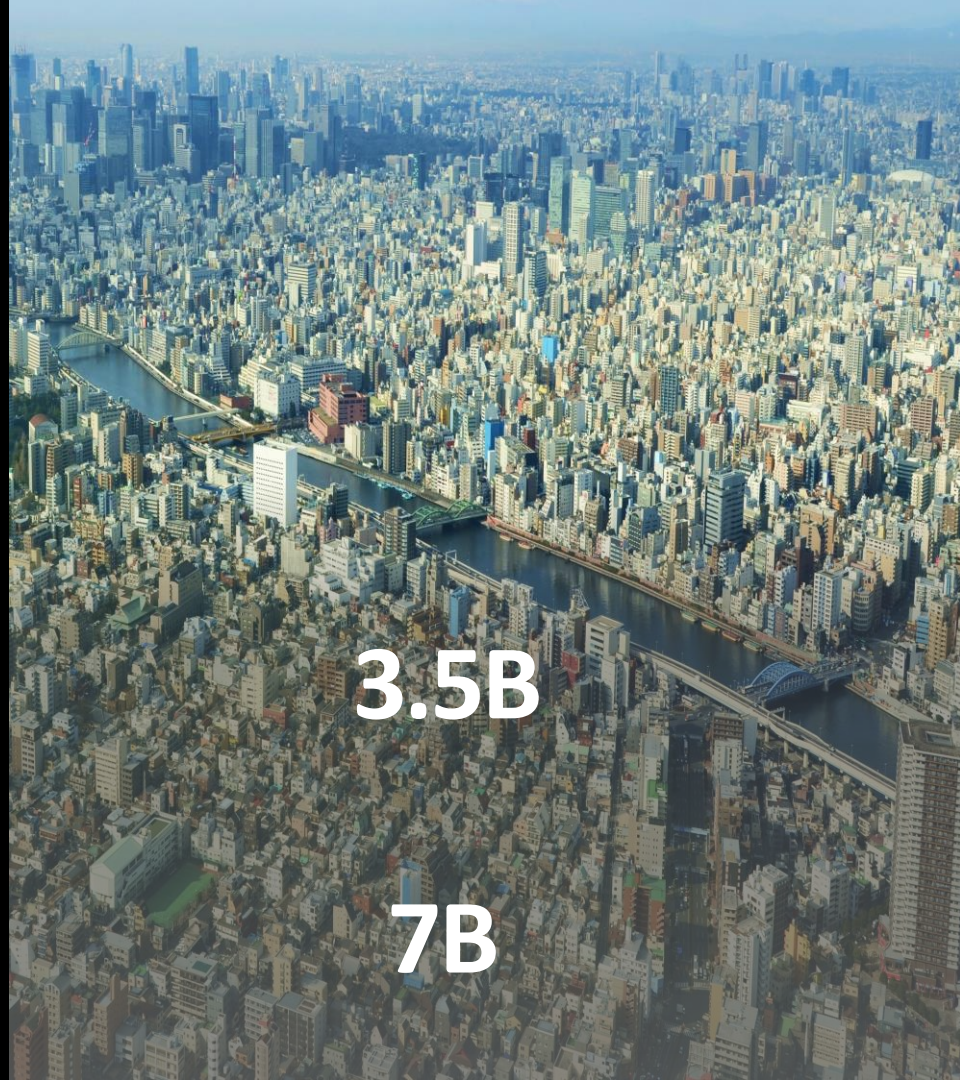
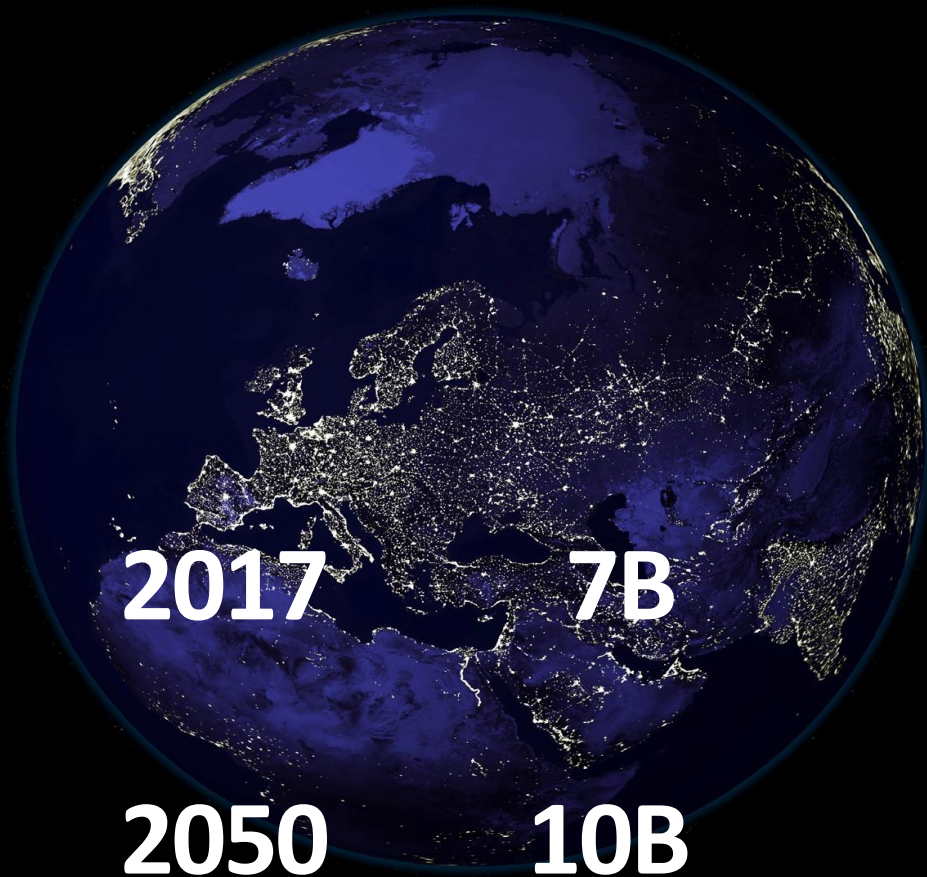
MAKE ANYTHING







~10% GWP / \$ 8.5 T
→ \$ 16 T by 2030



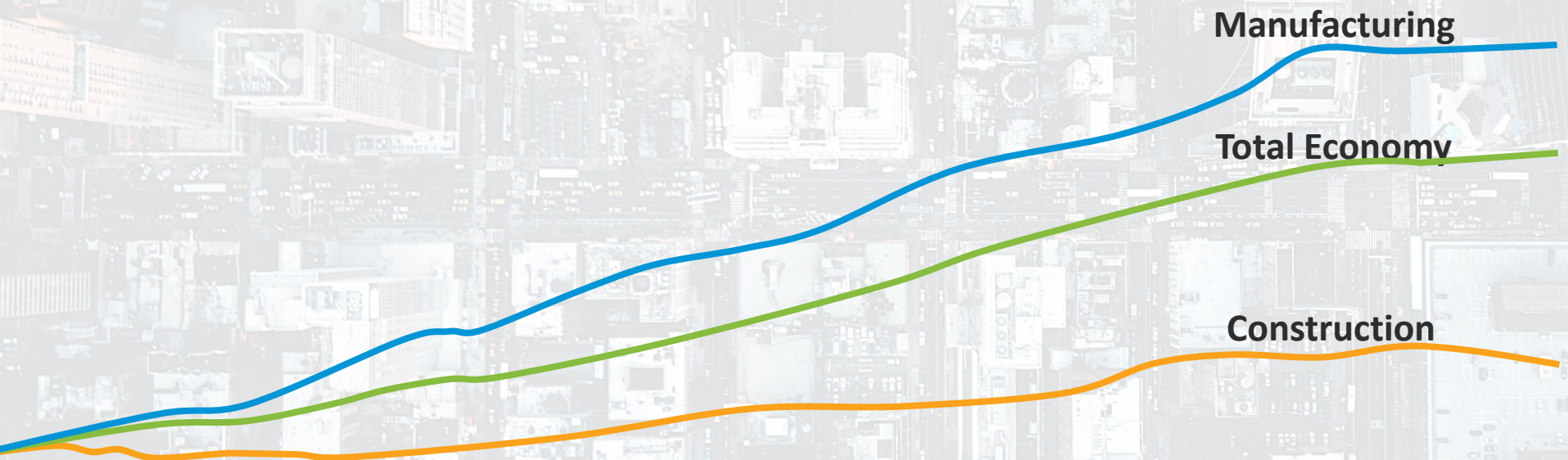


>2M people / week

Double city capacity

>13500 buildings / day

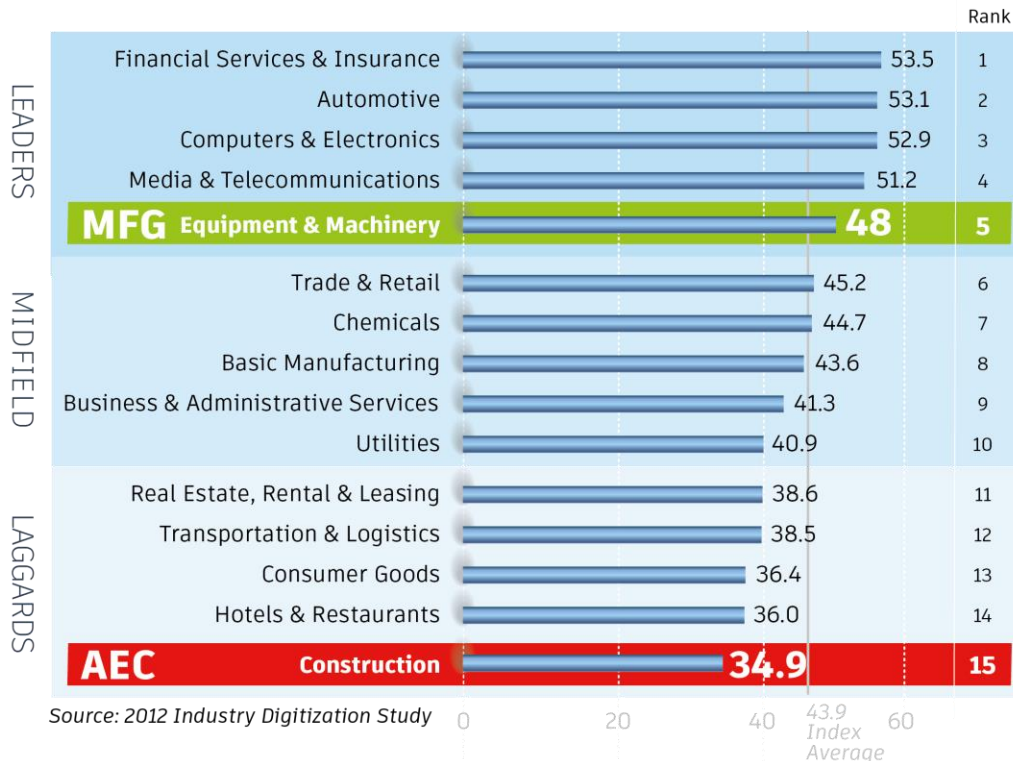
Productivity Index



Sources: OECD; WIOD; GGCD-10; World Bank; BEA; BLS; National statistical agencies of Turkey, Malaysia, and Singapore; Rosstat; McKinsey Global Institute analysis (2014)

Digitalization vs. IT Investment

INDUSTRY DIGITIZATION INDEX



INVESTMENT IN IT





**Analog – Digital
Savings/year**

\$1.2T

Design, Engineering and Construction




Intense Competition



Finding and Retaining Talent



Wasted Time, Labor and Materials



Analog and Disconnected Processes

Connected BIM powered by the Autodesk Construction Portfolio

AUTODESK ARCHITECTURE,
ENGINEERING & CONSTRUCTION
COLLECTION

3RD PARTY
APPLICATIONS



DESIGN

Authoring
Collaboration
Detailing



PRE-CONSTRUCTION

Clash Detection
Constructability
Coordination



FIELD EXECUTION

Quality / Safety
Progress Tracking
Work Coordination



HANDOVER & OPERATIONS

Commissioning
Handover
Maintenance



Autodesk
Construction
Portfolio

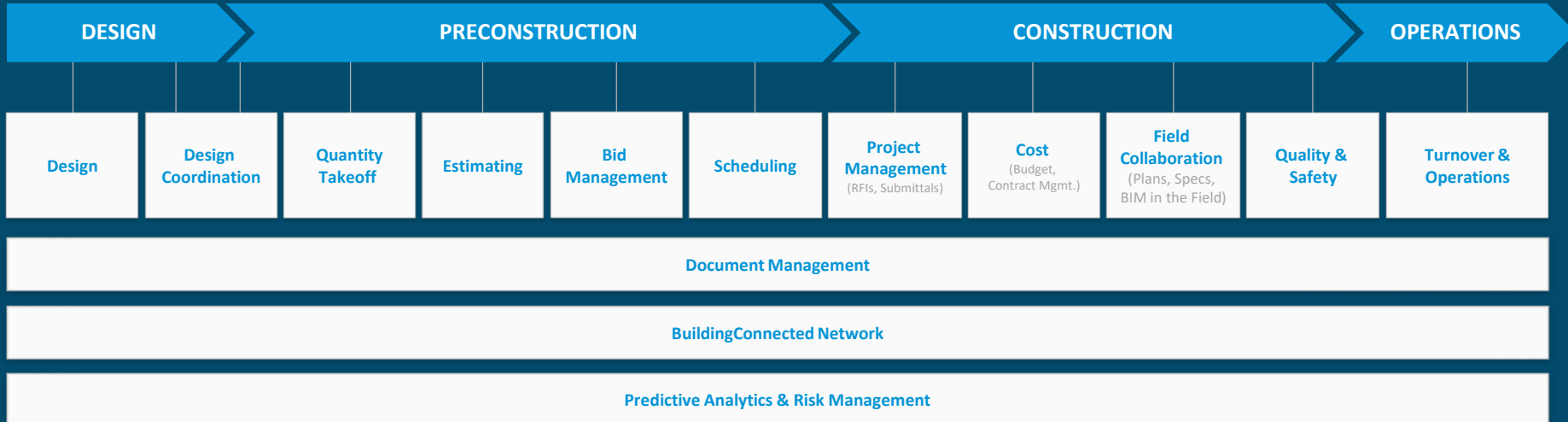
ANALYTICS & INSIGHT

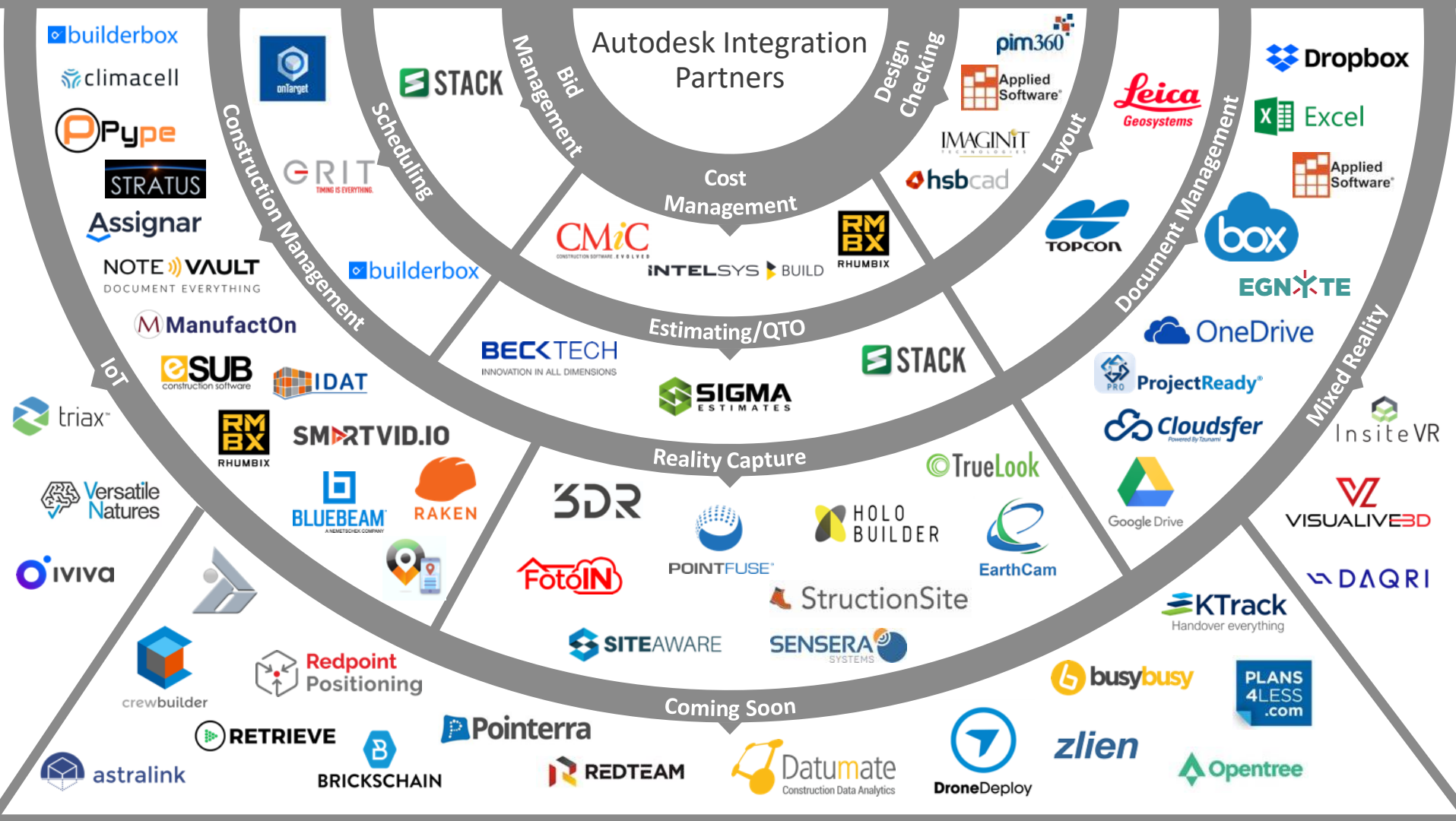
PROJECT DATA

AUTODESK FORGE



Autodesk Construction Portfolio





Autodesk Focus & Opportunities

- **Construction Portfolio & Ecosystem Priorities**
 - Connecting Design & Construction
 - Preconstruction
 - Construction Operations
 - Handover & Warranty Operations
 - Owner Operations / Facilities & Maintenance
- **Building Design Portfolio & Ecosystem Priorities**
 - Generative Design / Optimization
 - Building Analysis / Simulation
 - Building & Smart City Lifecycle
 - Design for Manufacturing & Assembly



AUTODESK®

Make anything™