



Aviation Executive Roundtable

Plan, Build and Operate Strategic Assets

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Agenda

- Welcome & Introductions
- Airport Insights: What Are Other Customers Doing Globally
- Break
- The DAA Journey with Integrated Project Controls
 - A regulatory review & how this affects the 3 year Capital Programming
 - Technology As An Enabler To Drives Efficiencies (high level overview of what DAA are doing in relation to Unifier project)
- Technology Supporting Effective Contract Administration, such as NEC4
- Post Event Meal & Drinks – FX Buckley (Pembroke Street) – 7pm



Why Do We Do Roundtables?

Access

- Hand-picked executive networking
- Direct touch-points with CEGBU Executive Team & Other Customer Stakeholders



Education

- Share challenges and best practice solutions with similar business leaders
- Discover best practices you can take away and implement at your organisation



Influence

- Guide the direction of your industry and its available tools
- European Influence on CEGBU's strategic direction & solution roadmap



Strategic Priorities & Focus For Your Airports

To Give Passengers The
Best Airport Experience
in The World!

The airport has to balance
short-term demands
with our sustained ability to
deliver for the future!

Implement a consistent
approach to infrastructure
development.

Technology & Process
Improvements To Reduce
Environmental Impacts

The airport provides the first and
last impression of the city and the
country for foreign visitors.....

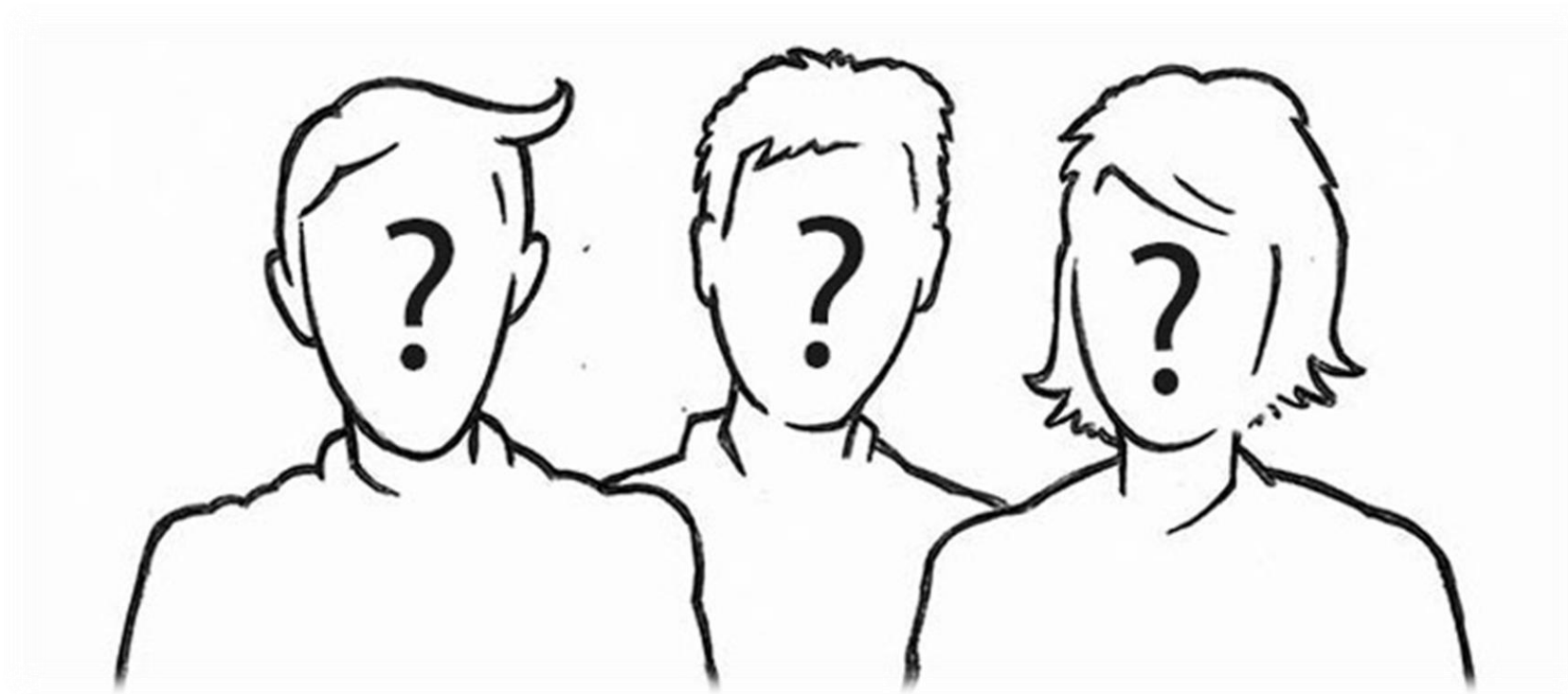
The Group aims to improve the **efficiency
and effectiveness** of its processes and
internal structure, through projects with an
increasing **involvement of the
stakeholders**, aimed at improving
business performance.

*To be airport industry leaders, growing our business with talented
people delivering great service and value for airlines, passengers
and business partners*

Demand for air travel
expected to double in the
next 30 years!!

Focus on sustainability is one of
the most important modern
business principles,

Need to be agile and look for
new solutions to long standing
challenges by making best use
of our existing runways, in line
with recent Government aviation
policy statement



Who's Who?!



Who's Who?!

Dublin Airport

- Alan Duffy
- Vincent Downey
- Danielle Mudd
- Leonard Cawley
- Mark O'Brien

Manchester Airport Group

- Brendan Biggar

Heathrow Airport

- Ben Jones
- Christian Mills

Stansted Airport

- Stephen Barker

Oracle

- Dale Rimmington
- Fred Kisner
- Andrew Godfrey

The Transport Industry



Infrastructure
and Projects
Authority



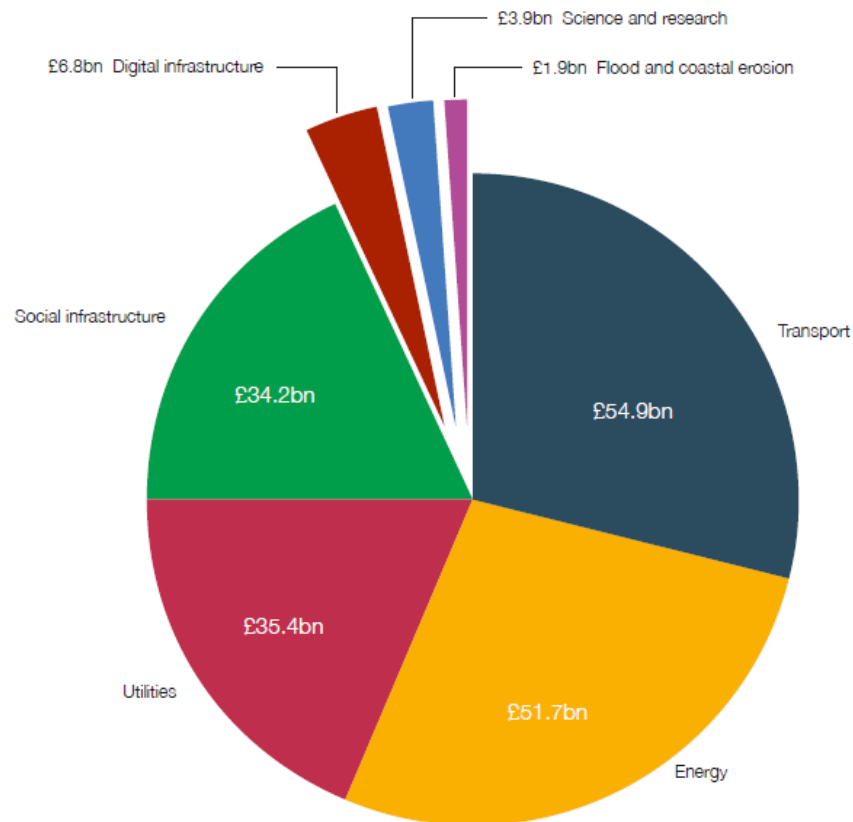
Project delivery is at the heart of all government activity, whether it's building roads and rail, or transforming the way government provides public services to citizens.

*The government is **committed to increasing the use of the latest digital technology**. This will ensure that our ambitious infrastructure investment plans are matched by the effectiveness of their delivery, by helping to increase productivity, promote innovation.....*

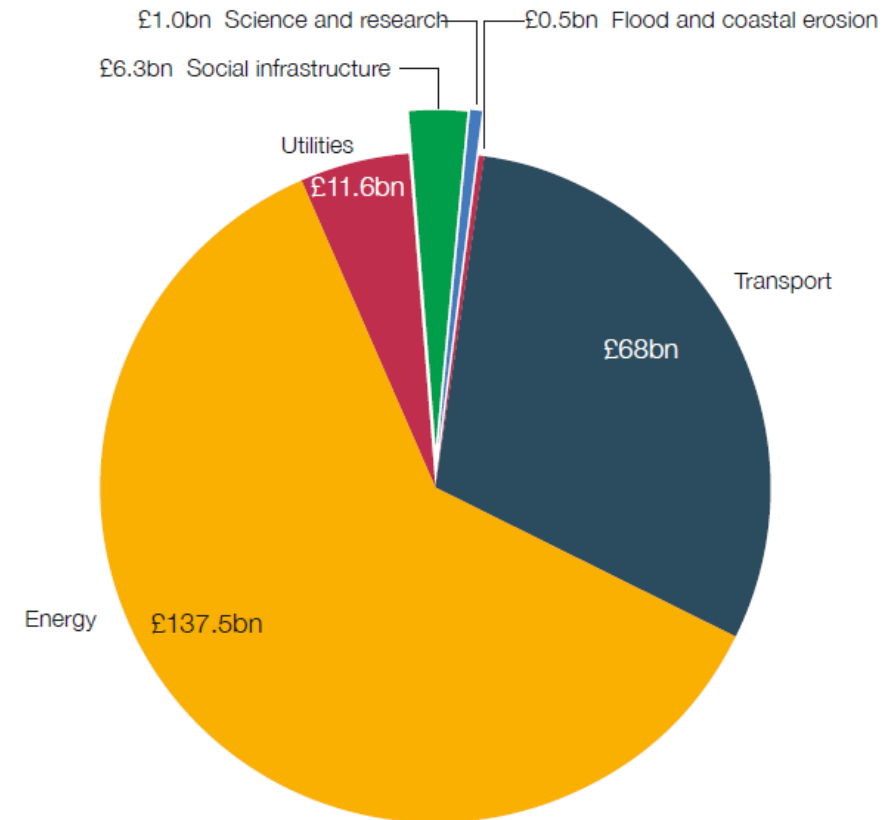
- *Tony Meggs*
- *Chief Executive, Infrastructure and Projects Authority*

National Infrastructure & Construction Pipeline

2018/19



2020/2021



Airport Infrastructure Needs 2017-2021

AIRPORT INFRASTRUCTURE NEEDS

Between 2017 and 2021,
America's airports
have nearly
\$100 BILLION
in capital needs.

That's
\$20 BILLION
a year.

Where is that money
needed most to make
airports better for air
passengers?

Terminal Buildings
\$38 Billion

**Airfield Capacity
and Standards**
\$19 Billion

Reconstruction
\$15 Billion

Surface Access
\$13 Billion

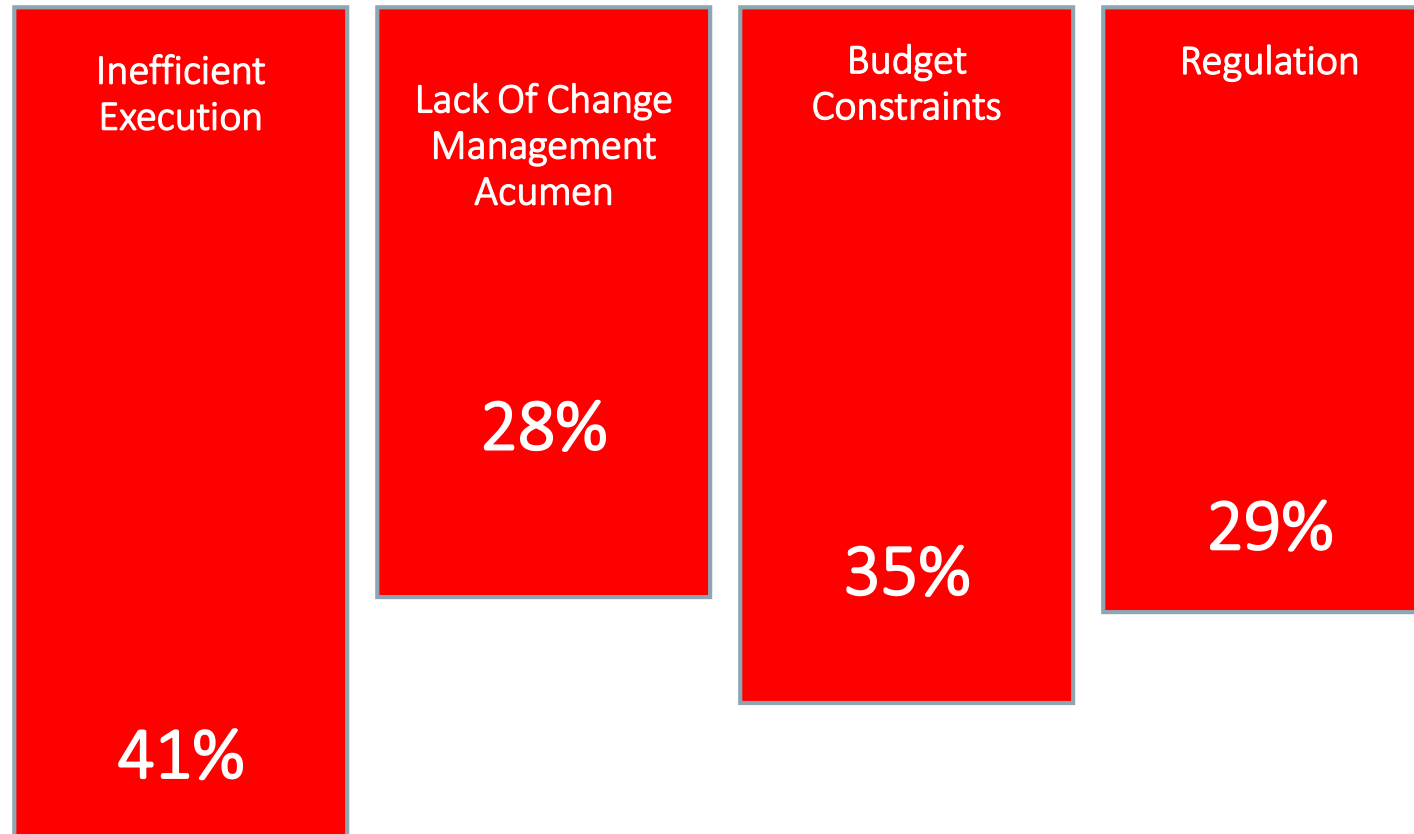
AIRPORT INFRASTRUCTURE NEEDS ON THE RISE

32% increase
since 2015

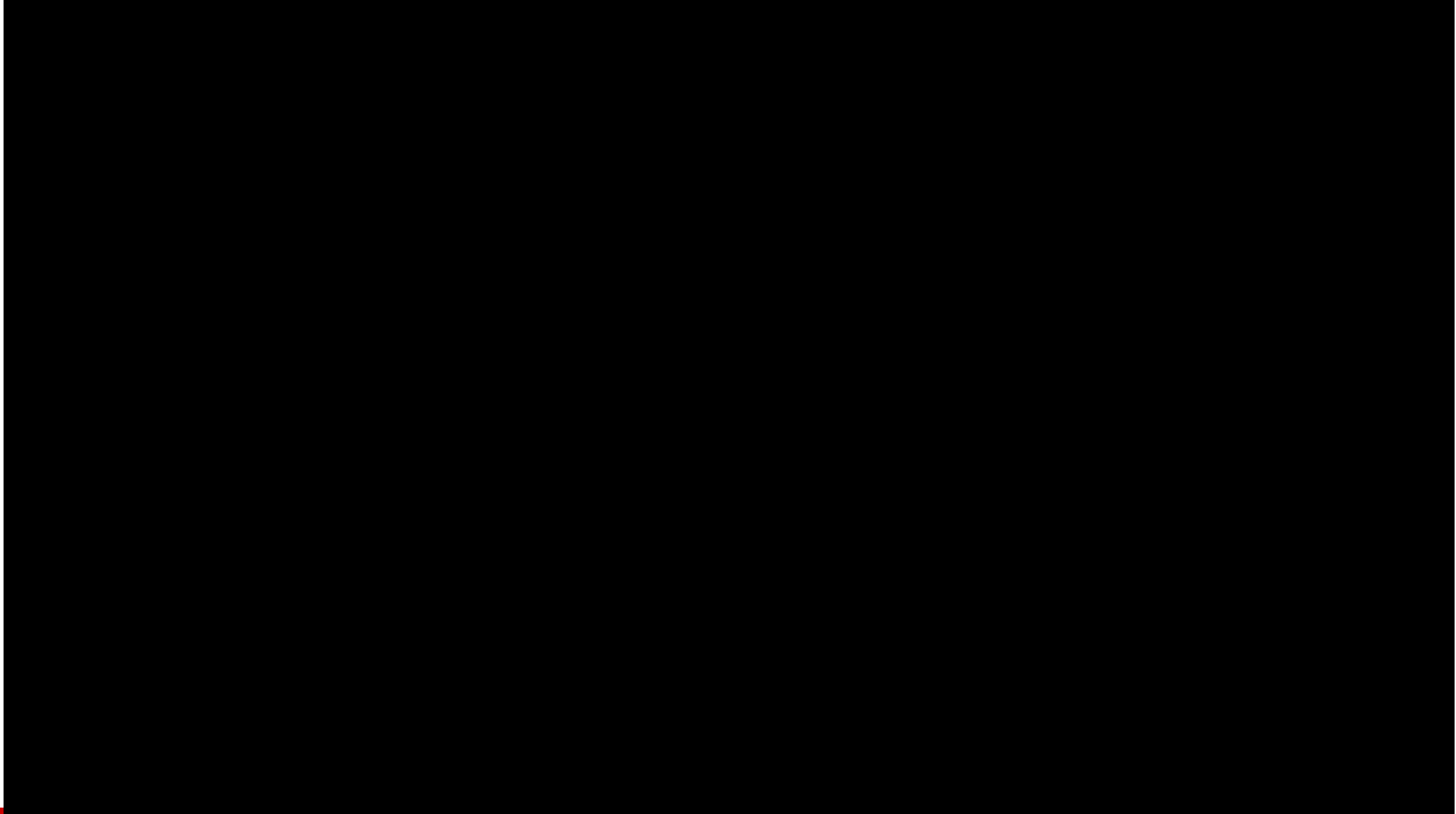


Source: *Airports Council International (ACI), North America*

What Are The Top Challenges In Project Delivery?



Building An Airport – The Digital Twin



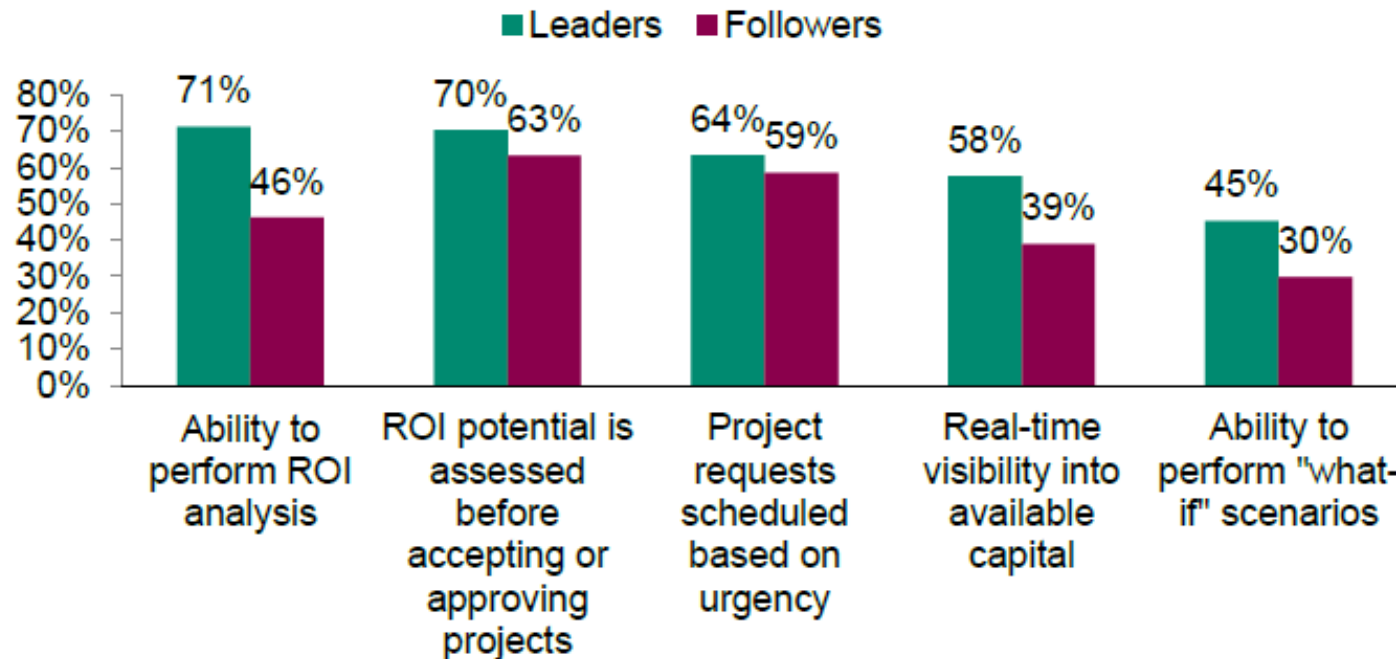
What Role Can Oracle Play

Transform the world by helping organizations **PLAN, BUILD, and OPERATE** critical assets

Cheaper Smarter
Faster **Better**
CEGBU
Bigger Safer



Top Performers in Transport Leverage Centralized Information & Automated Processes Enabled By PPM Solutions To Better Select & Execute Transformative Projects



Source: Aberdeen, April 2018

64% of Leaders have standardized project management best practices across the enterprise.

67% of Leaders have all project information stored in a centralized repository, in comparison to only 56% of Followers.



Connecting Teams Project-wide

Plan

Bid

Design

Construct

Operate



Capital Planning



Document
Control



BIM
Collaboration



Workflows &
Approvals



Design Change



RFI & Change
Orders



Submittals



Cost
Management



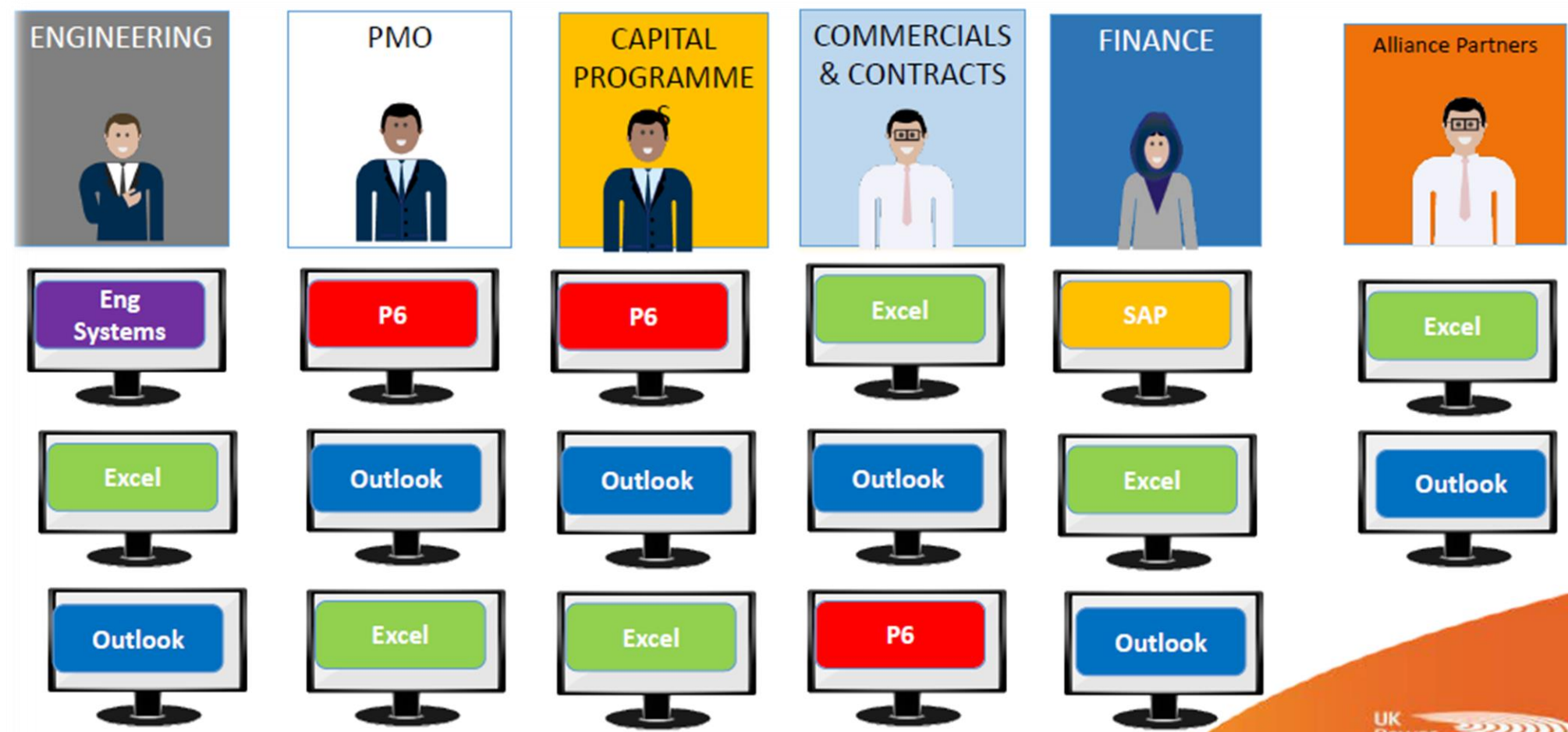
Field
Inspection



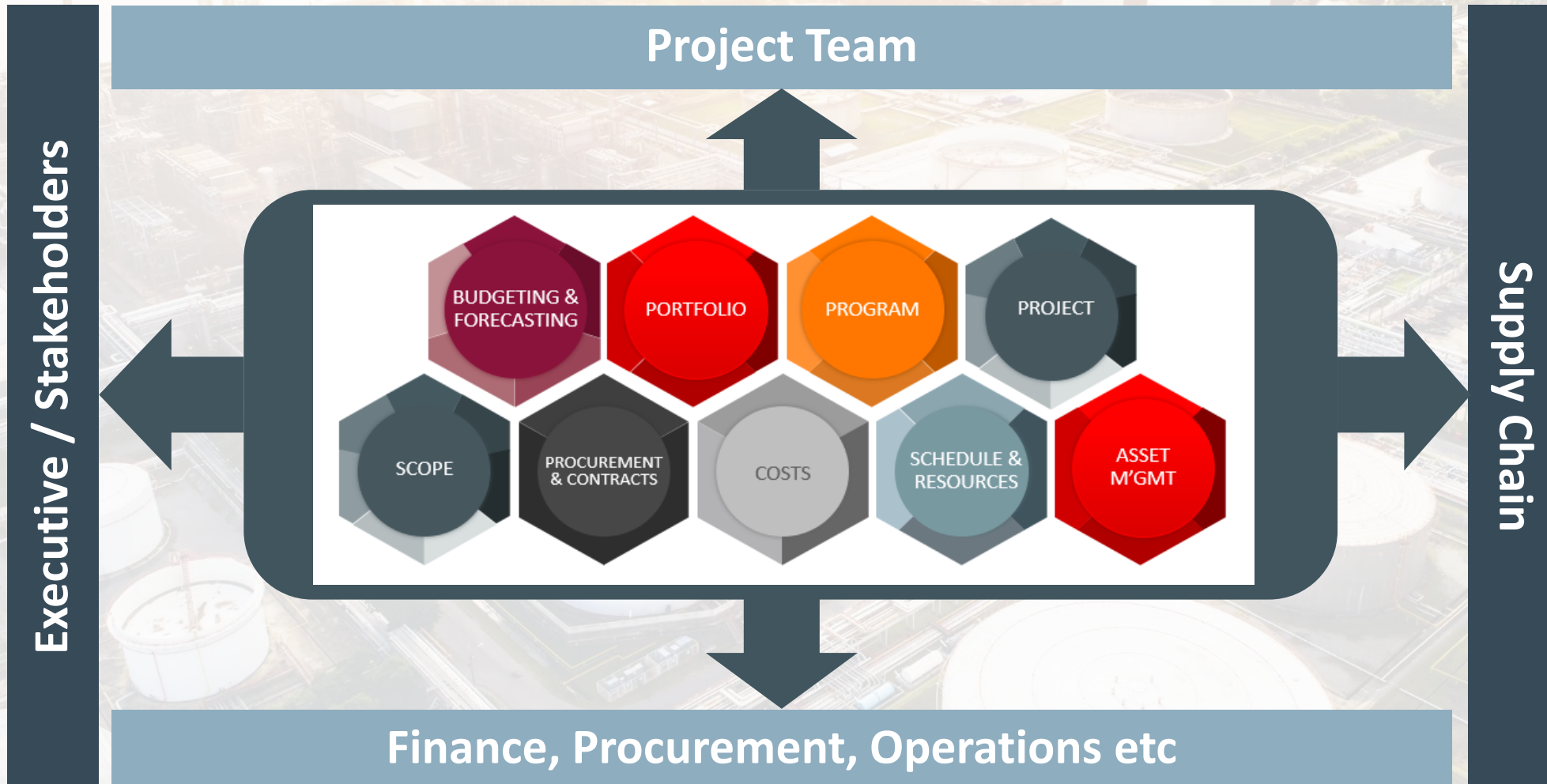
Handover to
Operations

ORACLE®

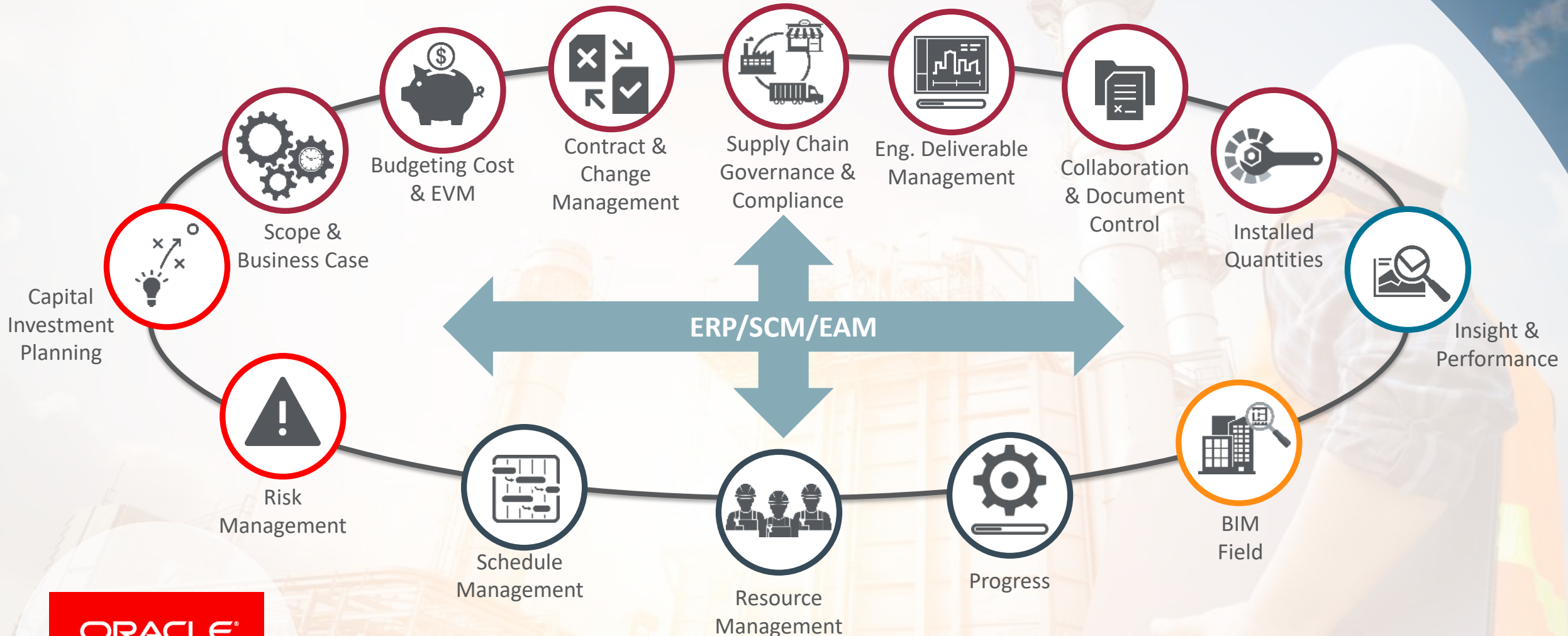
Pre-Integrated Project Controls



Common Data Environment



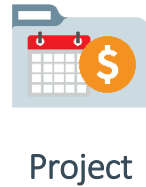
Comprehensive Project Controls Solution



Capture & Connect All Your Data

For Better Insights & Continuous Improvement

Visibility
& Control
at every level for leaders



DATA TO DRIVE
PERFORMANCE

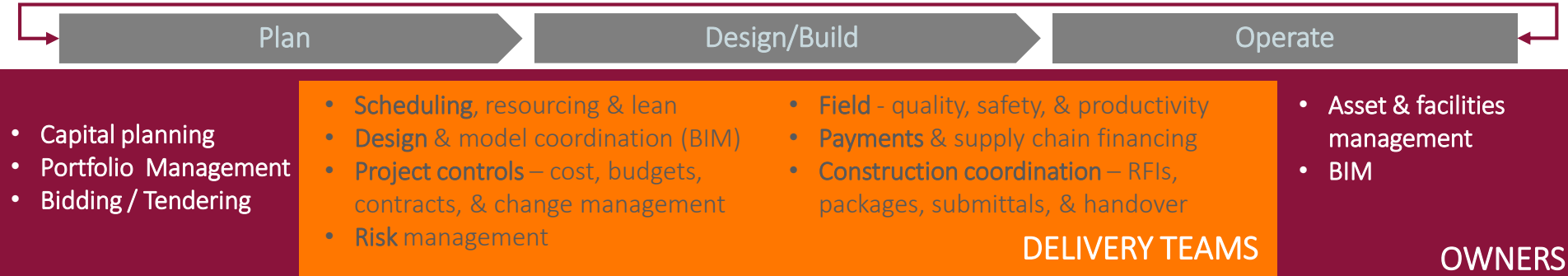


Supply Chain



Asset

Connected
Processes
for owners & project
teams who:



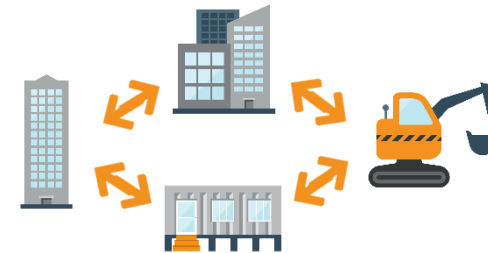
Cloud &
Collaborative
Model

CONNECTED Supply Chain & Project Team Network
Neutral platform for communications, processes, documents & models

CONNECTED Organization
*standardized business
processes & reports*



FIREWALL

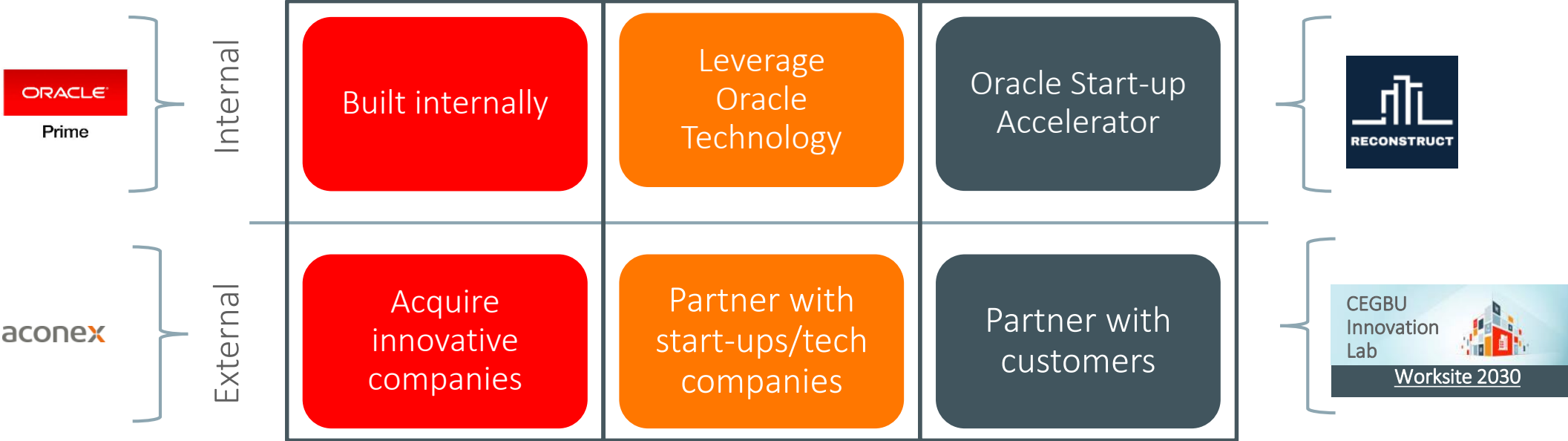


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Common Data
Environment (CDE)

Product & Innovation Strategy

ORACLE®
INTERNET OF THINGS
CLOUD SERVICE



- Existing Strategy
- New Strategy for later stage tech
- New Strategy for early stage tech

Airport Insights: What Are Other Customers Doing Globally

Challenges In Airport Investment Projects



Where to invest: Complex, long duration mega projects



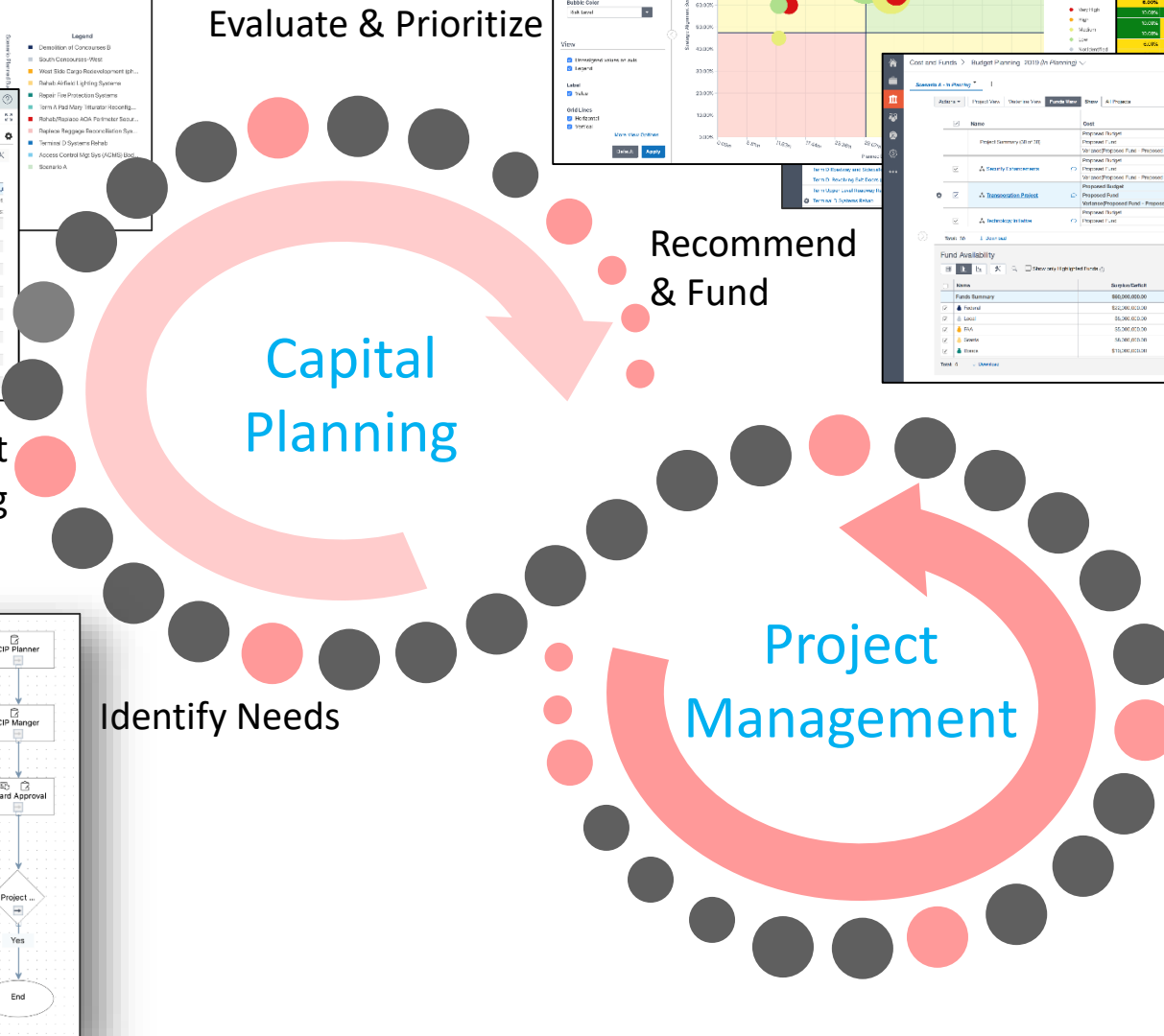
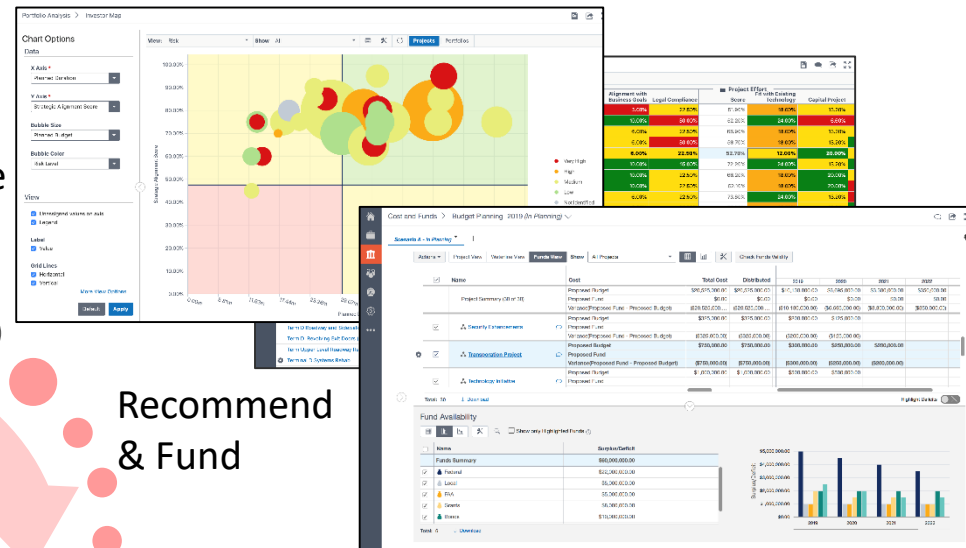
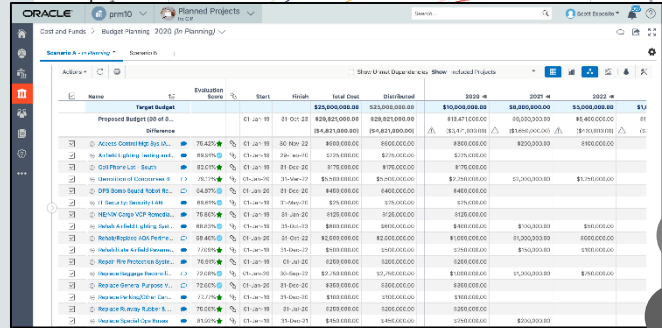
Multiple stakeholders in the projects



Significant records and document management challenge



Difficult to meet cost, schedule and quality objectives



Project Request Form -

[Project Details](#) Location

Project Information

Name *

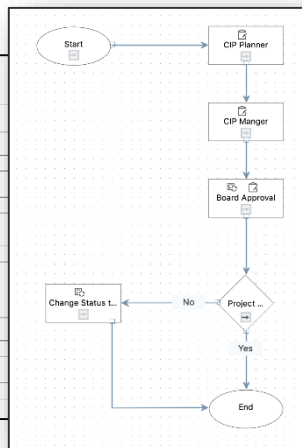
Project Type * US Region

Smart City Complexity

Project Details

Project Planned Start * Planned Budget *

Project Planned Finish * Funding Available?



Evaluate & Prioritize

Recommend
& Fund

Multi-year Budget
Forecasting

Monitor Performance

Identify Needs

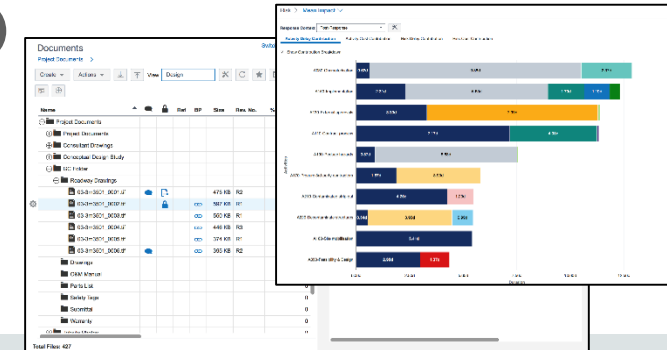
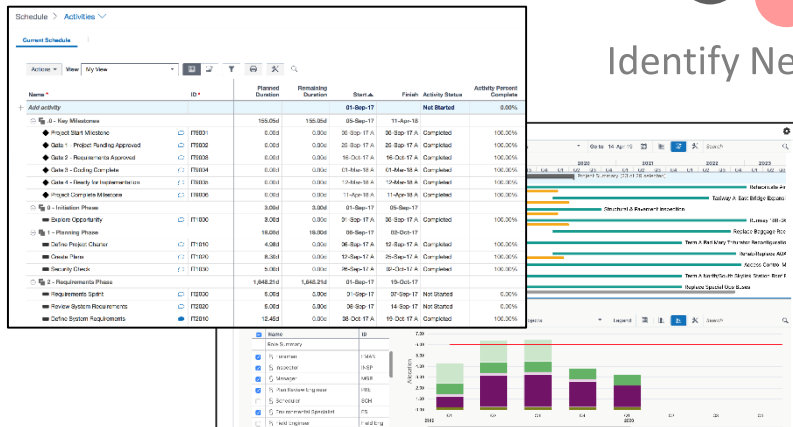
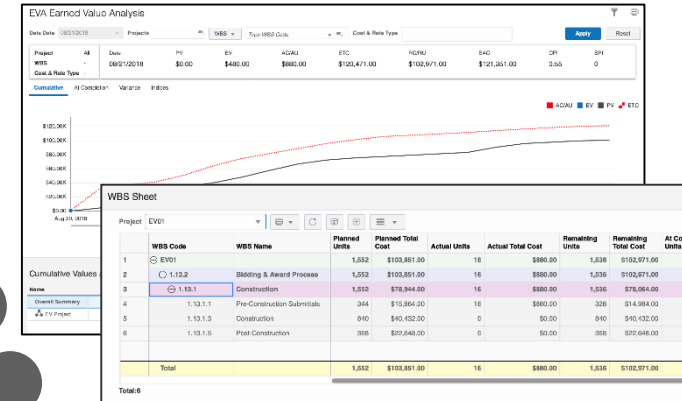
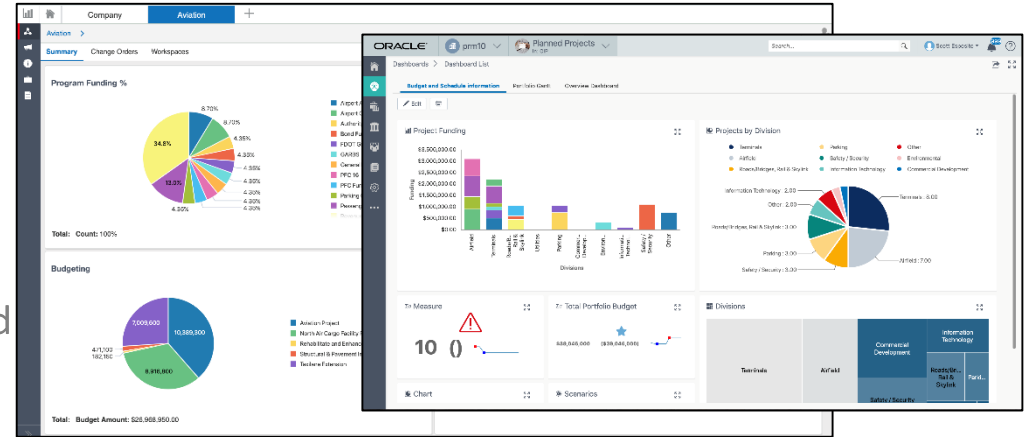
Project
Management

Change &
Cost Control

Plan & Schedule

Risk &
Documents

Capital
Planning



Major Airport Customers



Seattle-Tacoma
International Airport



PITTSBURGH
INTERNATIONAL AIRPORT



PHOENIX SKY HARBOR
INTERNATIONAL AIRPORT



Salt Lake City
International Airport



JOHN WAYNE
AIRPORT
ORANGE COUNTY



LIMA
AIRPORT PARTNERS



COLUMBUS
REGIONAL AIRPORT AUTHORITY



METROPOLITAN
WASHINGTON
AIRPORTS AUTHORITY



Tampa
International
Airport



Thank You

F. X. BUCKLEY.

STEAKHOUSES & BARS

OUR STORY OUR BEEF CONTACT US PRIVATE DINING

PEMBROKE ST.

