

## Welcome to today's Technology Breakfast Presentation

### Using Technology to Transform into the New Reality and Beyond

Presented by FEI Dallas Chapter

December 8, 2020

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## Welcome and Opening Remarks



### **Elizabeth French Pospick**

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## **Polling Question 1**

Would you like to earn CPE credit for today's presentation?

Yes

No

### Today's speaker



Charles is a principal in KPMG's Advisory Services practice and has over 28 years of experience advising clients on strategic global initiatives, organizational alignment, and complex technology implementations. He has deep industry expertise having worked in the Telecommunications, High Technology, Industrial Manufacturing, and Automotive sectors.

Over his career, he has lived a total of 11 years in the Asia Pacific region, including postings in Tokyo, Sydney, and Shanghai and has experience working on strategic cross border and cross cultural initiatives for North American and Asian clients. Prior to joining KPMG he has served in a number of executive roles focused on global business operations.



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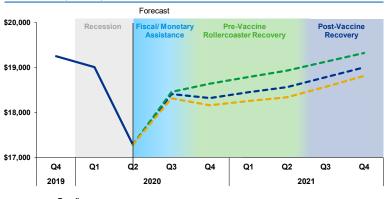
### Agenda

- The Impact of COVID and the outlook for the future
- Industry by Industry Impacts
- Example of shift in Operating Model (Automotive Industry)
- COVID and the CFO Agenda
- Questions



### Shape of recovery depends on future fiscal relief and COVID

#### U.S. Growth Forecast Real GDP Growth (Bil. 2012 \$)



Baseline

Upside Scenario - Fiscal stimulus, unemployment benefits extended to 70 wks or more

-- Downside Scenario - Surge in cases, fall in employment

Note: Forecasts are inherently time sensitive and projections are dated as of September 10<sup>th</sup>, 2020. Source: KPMG Economics, BEA (Q2 2020), Haver Analytics, Moody's

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COVID-19's social, economic, and market impact already exceeds that of previous crises, including the 2008 Global Financial Crisis

KPMG's forecast foresees a swoosh-shaped recovery

- Negative GDP growth of (4.4)% in 2020
- U.S. job losses total 14 million as of August 2020
- CARES Act prevented economic depression but not recession
- Additional fiscal relief could be necessary as the \$600/week of enhanced unemployment benefits expired at the end of July

The OECD's Sept. 17 forecast predicts a recession for 2020 for all G20 countries except for China

	Pre-crisis	Now
Global	2.3%	-4.5%
Japan	0.6%	-5.8%
China	5.9%	1.8%
Germany	0.9%	-5.4%
Italy	0.4%	-10.5%
UK	1.1%	-10.1%
Brazil	2.4%	-6.5%

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## **Polling Question 2**

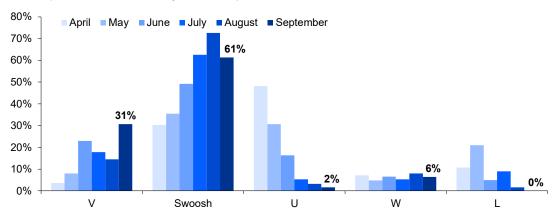
What shape recovery do you think will happen?

- 1. V
- 2. Swoosh (solid steady recovery over time)
- 3. U (Undefined length at bottom)
- 4. W
- 5. L

### U.S. economists forecasts converge around a swoosh shape

#### **Recovery Shape of Economist Forecasts**

WSJ September Economist Survey, KPMG Shape Classification



Source: KPMG Economics, WSJ September 2020 Survey 62 responses

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# The COVID crisis has created unprecedented disruption in the markets

### The Four "R"s of COVID-19 Response



#### Most companies are currently here

- Initiate crisis response plan
- Close "non-essential" stores and pivot to e-commerce
- Furlough or lay off employees
- Enable remote work
- Enact measures to preserve cash
- Initiate recovery plan
- Turnaround planning and execution
- Realize quick wins around cost takeout or tax savings
- Project / workforce acceleration
- Complete transformation planning
- Aggressive program management
- Build internal capabilities
- Strategy development and innovation
- Transition to the "New Reality"
- Initiate workforce and digital transformation
- Accelerated digital technology deployment
- Pursue organic and inorganic (M&A) growth

Triage and crisis management

Tailored response to industry/company specific requirements

Focus on permanent changes

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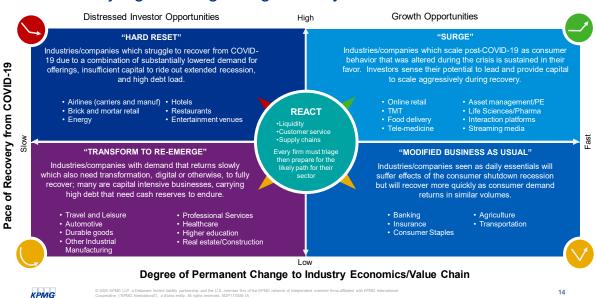


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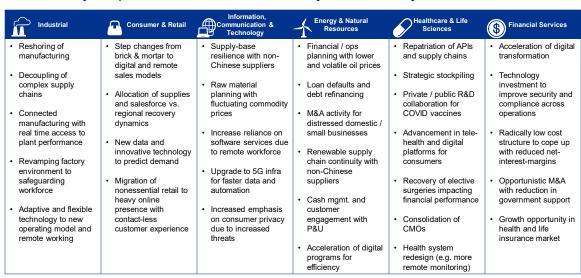
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### Informed judgment regarding industry resilience



### Industry Impacts on the New Reality Caused by COVID



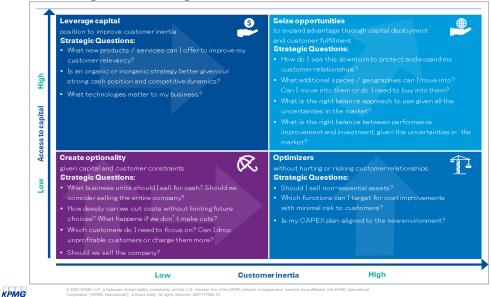
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### A wide range of strategic considerations for CEOs to consider



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## **Polling Question 3**

Which Industry is best positioned to transform due to COVID?

- 1. E-Commerce
- 2. Air Travel
- 3. Hospitality
- 4. Agriculture

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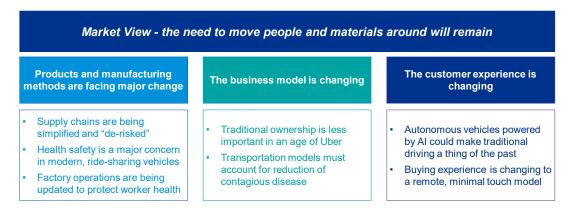
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### COVID is accelerating transformation

Example: Disruption and Transformation Agenda for Automotive OEMs



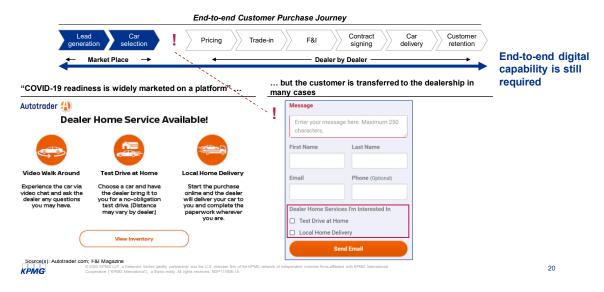
Automotive companies are already facing tremendous market disruption and reactions to COVID-19 can be built into an enterprise transformation

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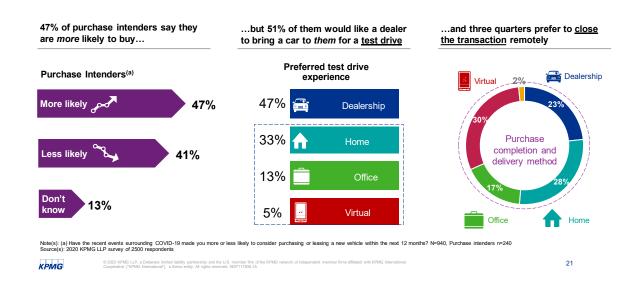
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### Fundamental shifts in operating model is required for the New Reality

Example: Automotive Retail Experience

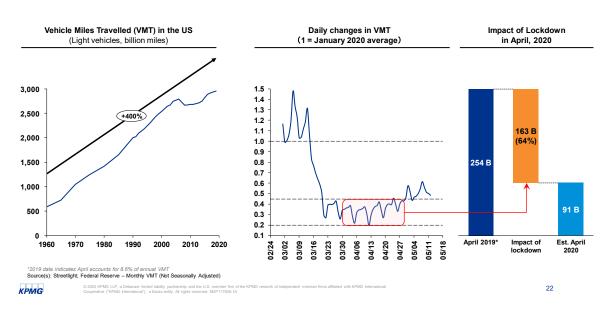


### One Example: Automotive retail experience is changing

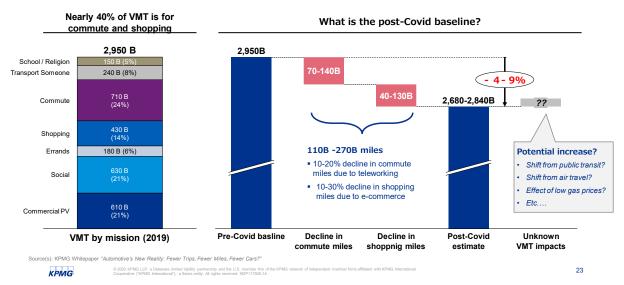


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## Is declined demand fully recoverable post-COVID?

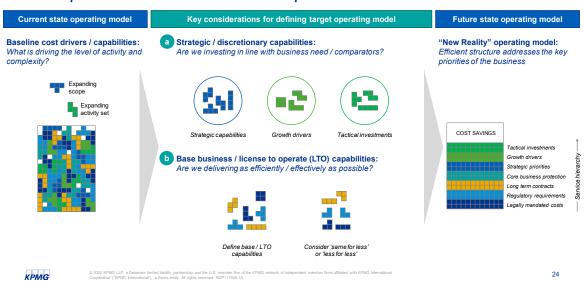


# New baseline is emerging because of lifestyle changes during lockdown that can be permanent



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### When developing a new operating model, both strategic alignment and operational excellence are important factors to consider



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## **Polling Question 4**

COVID is a catalyst for change across most industries

- 1. True
- 2. False

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# With disruption comes opportunity – Management must embrace it or be left behind

The competitive landscape was reset during the "Great Recession"

48.3% Moved up

Position in Fortune 500

19% Stayed put

CEOs have a wide range of strategic actions to consider. *Waiting* is not one of them...

"CEO Mission: Lean into the unknown"



ttps://advisory.kpmg.us/articles/2020/ceo-mission-lean-ii the-unknown.html

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## Agenda

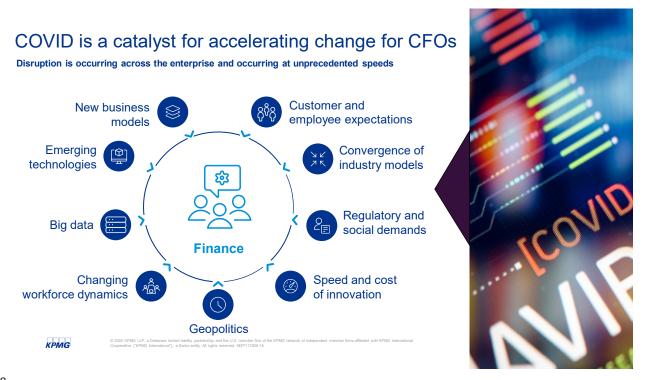
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### The CFO agenda

Leading finance organizations have developed an agenda to deal with disruption



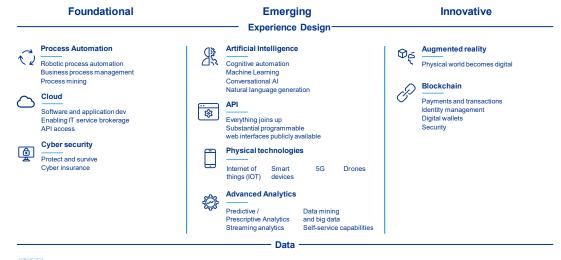
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## Extreme automation

Extreme automation is the speed and convergence of multiple technologies

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### Data strategy and governance

Finance needs to establish the foundational data strategy and culture to drive and deliver desired business outcomes



## Integrated Data Strategy

## Cement the foundation for success

Data strategy charged with driving business outcomes

Enterprise-wide view of information

Common data definitions across operational and financial data

Scalable data model for growing quantities and evolving applications



#### Data Governance Model

## Finance-led data control framework

Governing body spans data model, procedures, business rules, and stewardship responsibilities

New ways for managing data for an evolving data ecosystem

Al-enabled processing, validation, cleansing and augmentation

Rule-based governance protocols and ingestion criteria

Controlled data definitions

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## Transparent Ownership

#### **Drivers of accountability**

Finance as the data gatekeepers with clear roles and responsibilities

Champion a cultural shift around data

Architect how data can be used to inform deeper insights

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Shift from data aggregators to business partners

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### Insights and analysis

Finance is utilizing technology to ingest, transform and deliver data driven insights



#### Data Ingestion

## Enterprise-wide data ecosystem integrating multiple sources

Financial data

- Actuals

Plan and Forecasts

External data

Signals RepositoryUnstructured data

Internal non-financial data

Point of sale

consumption



#### Data & Analytics Transformation

## Extreme automation increases speed and quality of insights

Intelligent forecasting - Al enabled

Predictive / Prescriptive analytics

Eliminate human biases

Al enabled hypothesis generation

Convergence of finance and operations



## Data Consumption

## Tailored to optimize employee and customer experience

Digital delivery

Mobile capabilities

Seamless integration across platforms

Intelligent Assistants

Augmented visualizations



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Extreme automation is radically changing the finance service catalogue and delivery model



## Disruptors and Enablers...

Marketplace demands

Globalization & digitization

Everything as a service

Data as a commodity

Al & cognitive platforms

Language neutralization



## Are changing the role of finance...

New approaches and channels to raise and deploy capital

Data management & monetization

Management of digital workforce and service providers

Sophisticated modeling and visualization

Increased speed and quality of decision making



## Where borders matter less...

Labor arbitrage not a primary driver

Automate vs. offshore vs. as-a-

Virtual delivery centers / "no shore"

Reduced need for co-location

NLG and NLP neutralizes language
Technology enabled collaboration



## And skills matter more.

Transactional layer marginalized

Evolving technology landscape

Higher skilled, specialized labor

Outsourcers as partners vs. doers

Gig-economy; contingent workforce

Cross-functional delivery integrating front, middle and back-office



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### Skills and talent

There's a war for talent, and finance needs to actively manage its talent strategies to effectively deliver evolving requirements



of working



Customer and employee expectations
Changing workforce demographics
Regulatory and social demands
Extreme Automation, platform stickiness
Data, analytics, and workforce Insights
Speed, decision cycles, and agility



## Modern skills and competencies

Cloud enterprise architecture
Robotics, Automation, and Al
Data Science / Engineering / Modelling
Strategic thinking, innovative, visionary
Critical problem solving
Impactful storytelling



## Redefine talent management strategies

**Redeploy:** enable new ways of working by re-aligning workforce and business strategies

**Rent:** identify roles that enable short-term and long-term goals

**Reskill:** upskill the workforce through L&D investments and targeted workforce shaping

**Reimagine:** innovate and invest for the future through tailored employee value propositions and employee experiences



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Change management

Empathy and collaboration



### Strategy & value creation

Finance will utilize an agile approach to enable innovation and turn disruption into opportunity





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## Portfolio enables the business to make smarter bets

Finance at the helm to embed a value-based management system

Innovation at the core by driving value creation from future trends

Incentives that align with investment horizons and outcomes instead of budget variance

Business-specific approach to reserve funds

Sufficient contingency to allow for mid-cycle capital needs

## Strategic framework with a disciplined process

Clear process, with decision-making roles, responsibilities, and escalation protocols

Consistent, granular business cases that allow for different project types

Robust process to address / shut down underperforming project

Consistent, frequent performance monitoring and inclusion of learnings in the decision-making process

## Proper metrics and models for evaluation

Robust process to track financial return, address underperforming projects, reallocate capital

Transparency with data, assumptions and decision-making

Integrated capital planning and business portfolio tracking systems



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### Risk and compliance

The CFO agenda demands a transformation of risk management that supports — rather than hinder — innovation, automation, and other organizational changes



## Adopt a Value Lens to Risk Management

New opportunities to manage risk, improve business performance and achieve sustained confidence

Predictive and prescriptive measures used to detect risks earlier

Broadening risk environment as internal and external signals and unstructured data drive business decisions

Arm with assurance against cyber risks as on-demand delivery solutions are adopted



# Automation enables an improved control environment

Reduced Internal Audit testing – 60-70% of manual controls performed today will be automated in the future

Real-time, continuous controls monitoring

Faster decisions at lower costs

Monitoring environment that mirrors the level of automation adopted by the business



#### Shifting Scope & Role of Internal Audit

Bolster skillsets to include end-to-end process knowledge, control and design thinking, and data analytics and technology

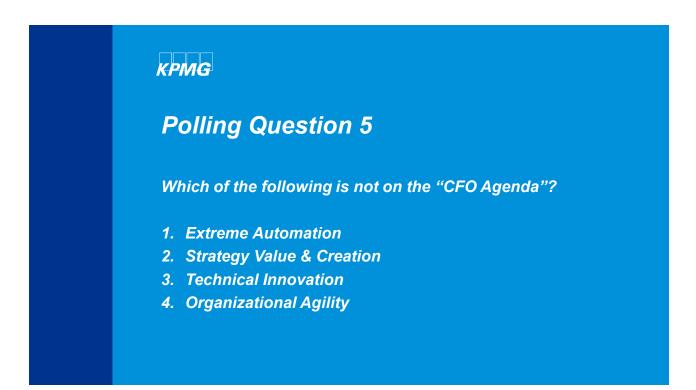
Internal Audit serves as business consultants

Build trust in the underlying data sets

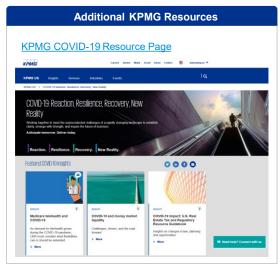
Continuous processes to assess the potential impacts of technological advancements on existing processes, systems, and controls.

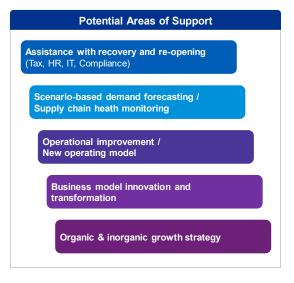


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## KPMG offers additional resources and support





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### Thank you for joining us

Please feel free to reach out to our presenter with questions about today's presentation.

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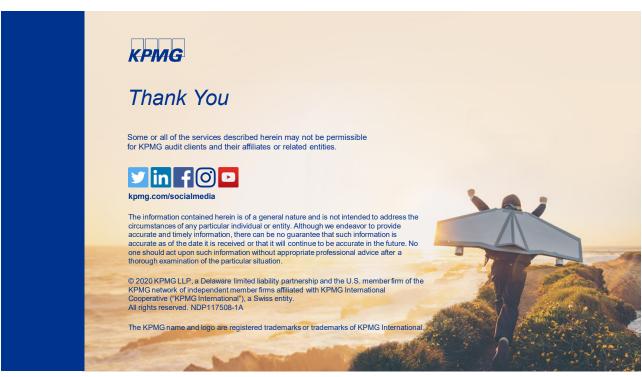
## Summary

- 1. There is considerable variability in the economic recovery pattern from COVID-19
  - 2. Ironically, this is accelerating transformation
    - 3. This disruption requires businesses to define a resilient "New Reality" operating model
      - 4. The impact does not evenly affect industries; each should address a unique set of issues
        - 5. Now is an opportune time for management to be "bold"
          - 6. The transformation Journey starts from structured planning now is the time to start!

### **Questions?**

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## **Polling Question 6**

Have we provided what you need or do you need additional information?

Yes, answered all my questions.

No, I need more information.



## **Closing Remarks**



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