



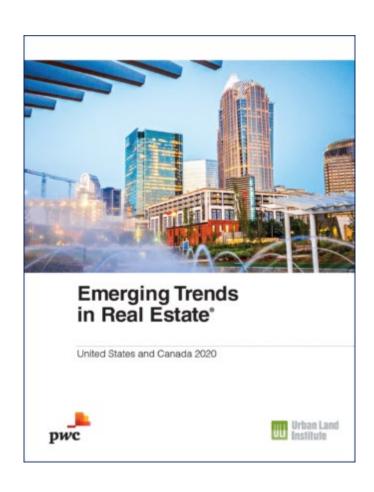
ULI/PwC Annual Real Estate Trends Forecast 2020 October 4, 2019







Emerging Trends in Real Estate 2020



- □ Predictive Industry publication now in it's 41st year
- ☐ 13th year for Canadian Outlook
- □ Sponsored jointly by ULI and PwC
- □ Input from over 2,200 industry leaders with over 400 covering Canada



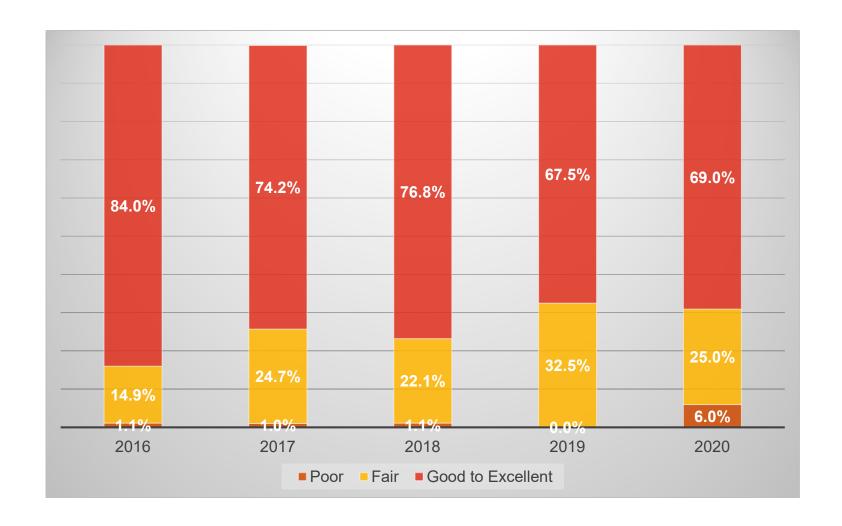
Market Sentiment; Still positive, but are we seeing some diversity in opinion?



2020 Expected Profitability

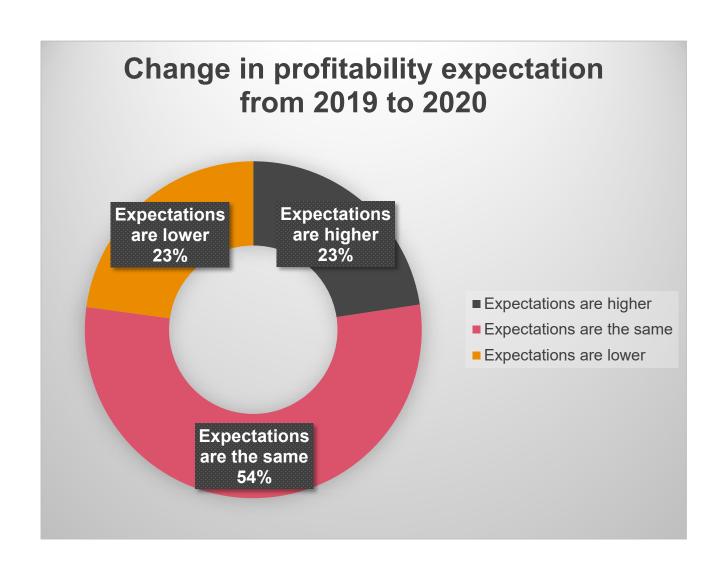
Is this what an extended expansion looks like?

- An uptick in the percentage of respondents who are less than positive about 2020
- The fair, or consistent outlook is also down from 2019
- Good to excellent still strong



Any change of heart from last year?

- The majority of respondents, 54%, have not changed their expectations for 2020 from 2019
- The same percentage of respondents, 23%, have lowered and raised their expectations from 2019 to 2020



What is behind the change of heart?

Reasons given for change in expectations from 2019

23%

Expectations are lower

- 1. Economy 36%
- 2. Fundamentals 29%
- 3. Government 14%
- 4. Capital markets 11%
- 5. Strategy shift 5%

23%

Expectations are higher

- 1. Strategy shift 28%
- 2. Fundamentals 28%
- 3. Internal changes 22%
- 4. Economy 16%
- 5. Capital markets 6%



The common theme in office, retail, and residential is that it is no longer about **space**. It's about the **services** you offer.



Emerging Trends in Real Estate 2020

Laying the Foundation for a Customer-Driven Future



Putting customers at the heart of reimagined spaces

- Real estate as a service
- Blurring the lines between property types



Powering digital transformation through Proptech

- Proptech practices and possibilities
- A growing appetite for data and analytics



Navigating policy and geopolitical uncertainty

- Black swans and "Legislation by Twitter"
- What is the path forward



Tackling emerging business issues

- Securing skills and talent
- The urgent issue of cyber security

66

Putting customers at the heart of reimagined spaces

While cash flows, cap rates, and NPV calculations are always important in real estate, focusing on the customer experience has become a significant priority.



Remember when it was just work space?



1960's interpretation of the open office concept



1980's interpretation of a private office concept



Today's interpretation of collaboration space

It is all about work process

One work space does not fit all work

Tenants want space to address different goals

- Collaboration in formal and informal settings
- Quiet space for individualized work
- Available space for hotelling workers
- Flexible space that can be utilized to house staff on a temporary basis
- Space where employees can relax, eat, socialize



Blurring the lines between property types



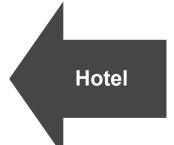
Ecommerce is replacing existing retail space, but retail space is also becoming a new form of distribution/fulfillment space

Technology is making it possible for everyone to become a hotel by simply renting out a room or their home to short-term tenants

Retail Hotel

Where office work is conducted is changing. Hotels are providing coworking space and unused retail can be utilized as an office suite or co-working location









Powering digital transformation through proptech

The ultimate goal of implementing technology is to make the whole equal more than the sum of the parts



We continue to generate more data every year!



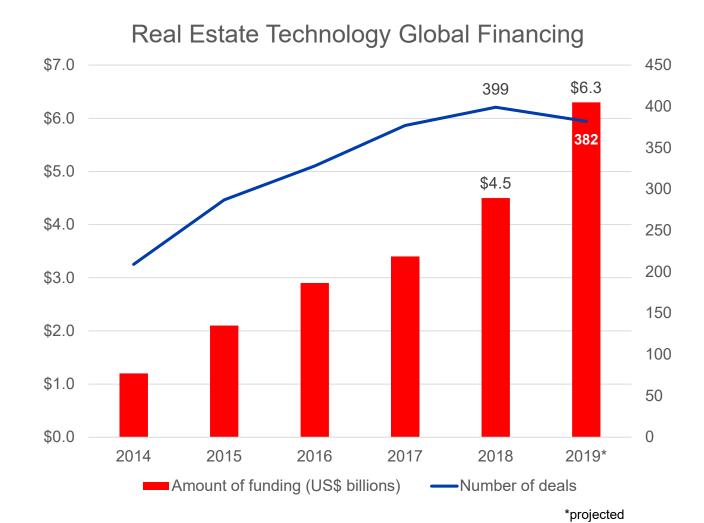
2019 This Is What Happens In An Internet Minute



Investment in real estate technology continues to rise

Total dollar amount invested projected to rise again in 2019

- Includes only PropTech, does not include Fintech deals
- While number of deals may be down, investment dollars per deal is up from \$11.3 million in 2018 to a projected \$16.5 million in 2019
- Interest in the sector continues due to size of the real estate industry and continued adaption and implementation by major market participants



How technology is being used today

Visualization Facilitation Collaboration Efficiency

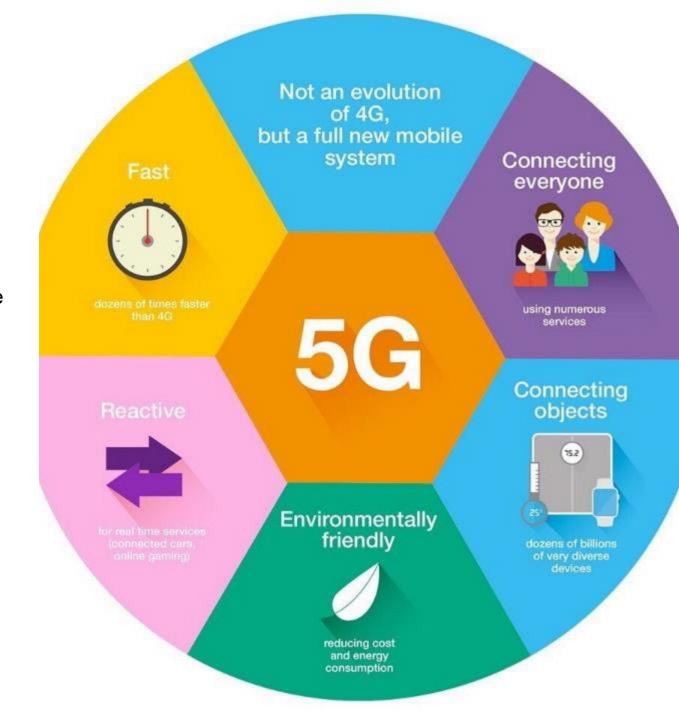
- Seeing how things are going to happen
- Making life easier for tenants
- Bringing people and processes together
- Improve operational processes
- Using data toenhance decision making

Will 5G allow current and existing technologies to have a real impact?

5G will enhance speed and reliability

The increased speed and latency provided by 5G will make a number of technologies viable

- Increased broadband access
- Autonomous vehicles/smart infrastructure
- Control of remote devices
- Quiet space for individualized work
- Machine learning and enhanced IOT (internet of things)





How does the public sector partner with the private sector to create social impact?

Navigating policy and geopolitical uncertainty



Interesting times and unintended consequences

THE WALL STREET JOURNAL.

ECONOMY

World Economy to Grow at

Lowest Rate Since Financial

Crisis: OECD

Financial Post

The mortgage 'stress test' has started harming Canadians more than it helps

THE WALL STREET JOURNAL.

OPINION BUSINESS WORLD

How Bad Can a Trade War Get?

A recurring question: How to improve housing affordability?



- ☐ Multiple solutions need to focus on both sides of the equation
- ☐ Unintended consequences can make the problem worse
- ☐ Populist sentiment makes it likely we could experience more market regulation
- ☐ Real estate industry will need to take a position of leadership

Black Swans and "Legislation through Twitter"

















If your not the learner you're the lesson

Tackling emerging business issues



Major issues for 2020



Economic/financial

- Job and income growth
- Regulations
- Qualified labor availability



Social/political

- Housing costs and availability
- Political landscape
- Immigration



Real estate/development

- Construction costs
- Land costs
- Construction material costs

A lot to think about for 2020







Top Markets

- Vancouver
- **□** Toronto
- **□** Ottawa
- □ Halifax
- Montreal

Top Property Types

- □ Industrial
- ☐ For rent residential
- □ Senior Housing
- □ Office

Best Bets

- Warehousing/Fulfillment
- □ Senior housing
- □ Affordable apartments
- ☐ Transit oriented development

Thank you

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