



Vancouver 2040

Creating The Future

www.nikolasbadminton.com



An aerial photograph of the Vancouver city skyline at sunset. The sky is a mix of orange, yellow, and blue. The city is filled with numerous high-rise buildings, many of which have their lights on. The text "Technology Smart Cities Future Spaces Vancouver" is overlaid in white, bold, sans-serif font, centered on the image. The buildings are densely packed, and the streets below are visible with some traffic. In the background, the mountains and the water of the city are visible.

Technology
Smart Cities
Future Spaces
Vancouver



Technology





A close-up photograph of a person's hand holding a white smartphone. The person is wearing a bright orange garment and a silver bracelet with a green bead. The background is a blurred city street at night, with various lights and bokeh effects.

More people on earth have access to cell phones than toilets.

Out of the world's estimated 7 billion people, 6 billion have access to mobile phones.

2.87bn smart phones by 2020.

“The amount of data on the planet is set to grow 10-fold in the next six years to 2020 from around 4.4 zettabytes to 44ZB.”



Top 5 Publicly Traded Companies (by Market Cap)



Tech



Other





Smart Cities

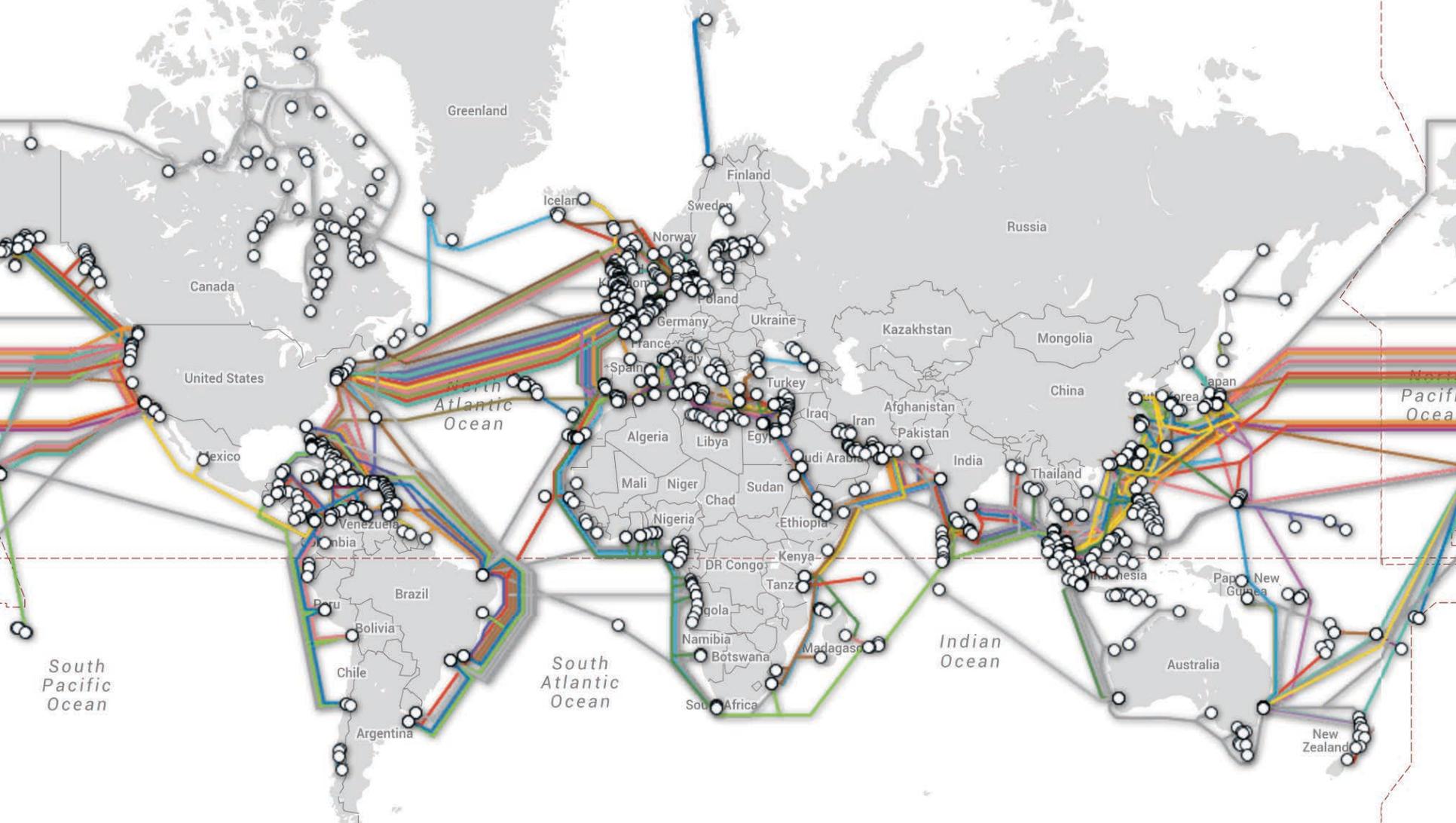
“86% of the people in the developed world will live in cities by 2050.”

United Nations

1. Trends in workspace configurations.
2. Large and diverse talent pools.
3. Ecosystems of advisers and services.
4. Maintaining a competitive edge.



Smart Cities



“The amount of data on the planet is set to grow 10-fold in the next six years to 2020 from around 4.4 zettabytes to 44ZB.”

MOGO
#FinancesWithBenefits

Borrow up to \$35K with rates starting as low as 5.9%*.
*See website for details.

CHECK YOUR RATE
It takes just 3 minutes!

You're pre-approved for \$15,000 at 5.9% with no fees!



VANCOUVER WHITECAPS
Photos: Toronto FC down Vancouver Whitecaps 1-0

1/5 >

New Westminster to build city-owned fibreoptic network



RANDY SHORE

[More from Randy Shore](#)

Published on: June 20, 2016 | Last Updated: June 20, 2016 1:55 PM PDT



What would you do if your invoices were paid in 24 hours?

New faster upload speeds

Get 60 Mbps download speed for \$79.95
with Business Internet

View offer

Shaw Business

Download box sets in the blink of an eye: Record-breaking superfast broadband is 50,000 TIMES faster than current speeds

- Scientists used fibre optic cables to send data at 1.125 terabits per second
- That's 50,000 times faster than 'superfast' rate of 24 megabits per second
- It could download a HD Game of Thrones box set in less than a second

By [Colin Fernandez](#) For The Daily Mail

PUBLISHED: 11:42 GMT, 11 February 2016 | UPDATED: 17:18 GMT, 11 February 2016



113
View comments

Having to wait an age for a film or television programmes to download is one of the minor peeves of modern life.

But snails' pace internet could become a thing of the past as British researchers have found a way to make sending information 50,000 times faster.

Site Web Enter your search Search

Like
Daily Mail

Follow
@dailymailtech

Follow
Daily Mail

+1
Daily Mail

Download our
iPhone app

Download our
Android app

Today's headlines

Most Read

 Does Pluto have an ocean that holds alien life? Dwarf planet could still have liquid water lurking under its...

 We may NEVER know if we are living in a computer simulation, warns Bill Nye

 How city life even toughens BIRDS up: Urban sparrows are found to be thugs compared to their country peers

 Why the long face? Bizarre 'cone-headed' skull of woman from 2,000-year-old ancient Silla culture discovered...

 Strawberry moon spotted from SPACE: Astronaut takes breathtaking photo of rare phenomenon from the ISS

“To give an example, the data rate we have achieved would allow the entire HD Game of Thrones series to be downloaded within one second.”

*Dr Robert Maher
University College London*



“This technology will be everywhere in 10 to 15 years, it will be incorporated into every light and every device.”

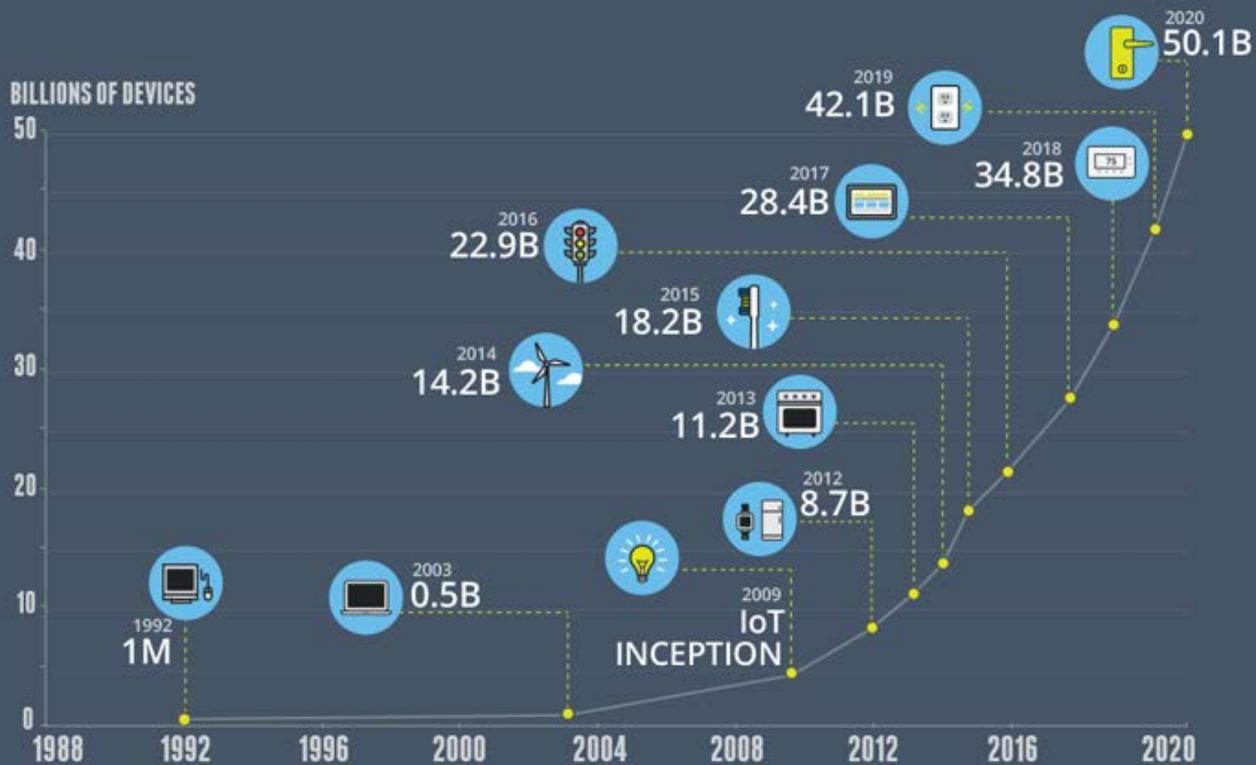
Harald Burchardt, PureLi-Fi COO



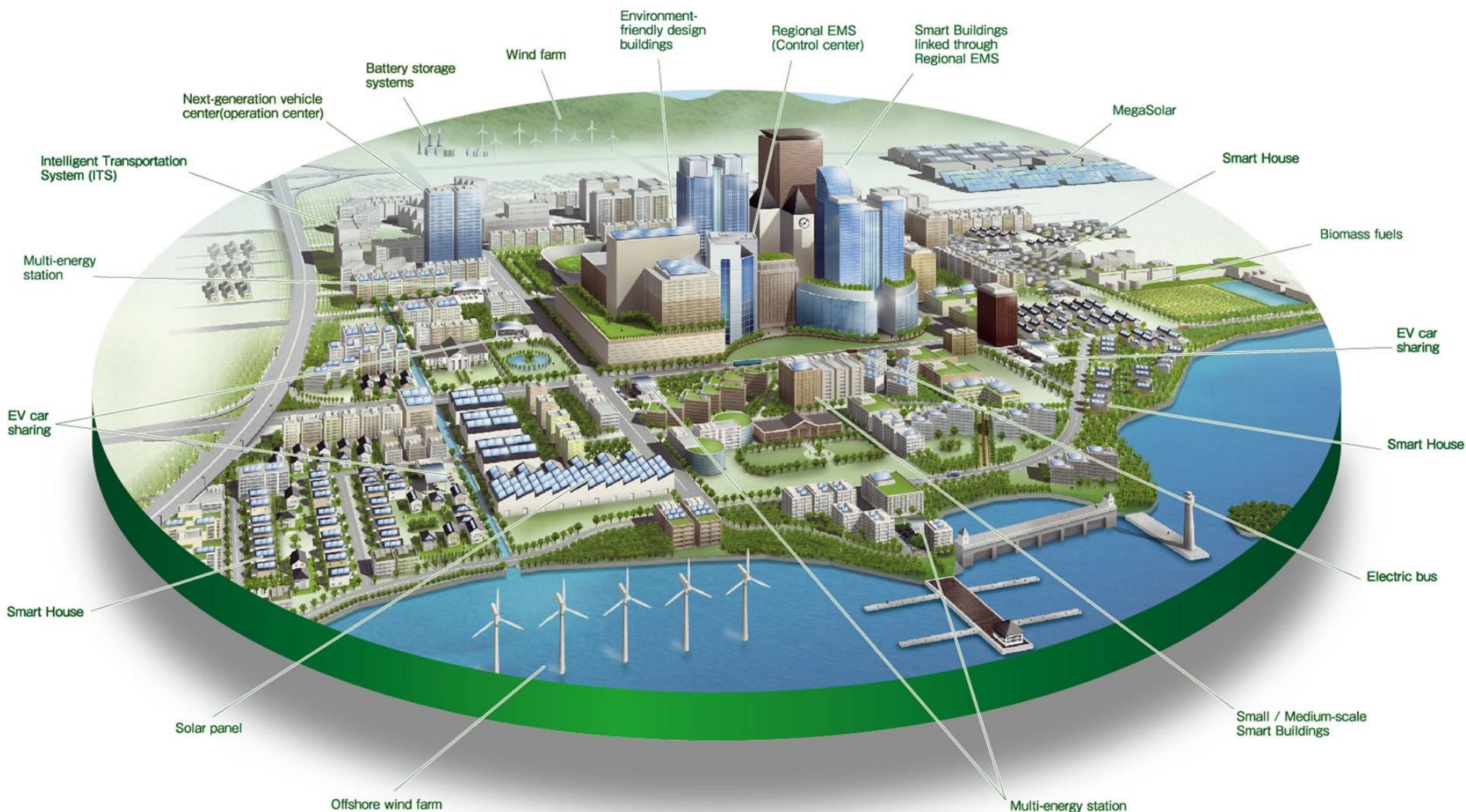
Smart Cities

GROWTH IN THE INTERNET OF THINGS

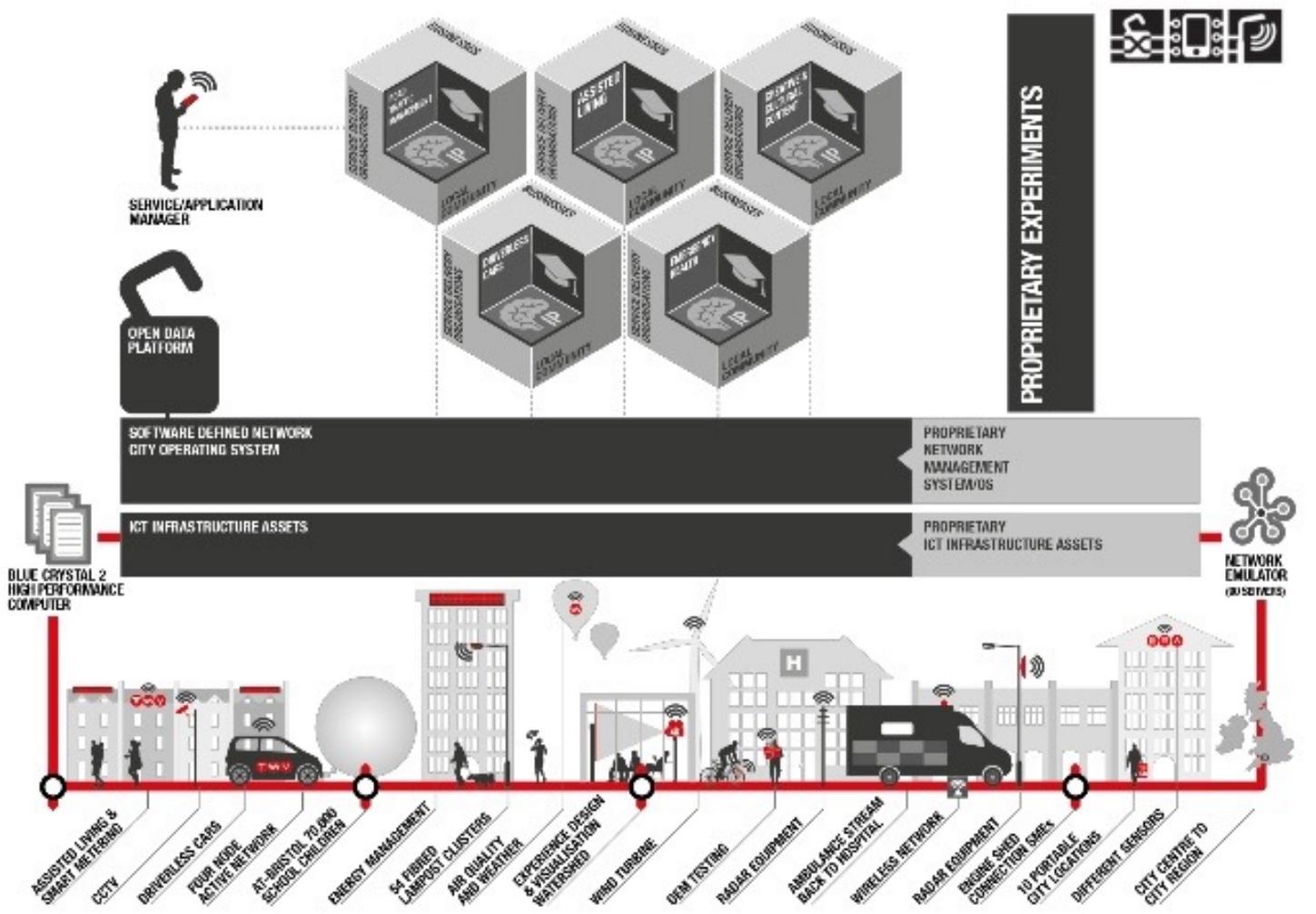
THE NUMBER OF CONNECTED DEVICES WILL EXCEED **50 BILLION** BY 2020



Source: Cisco









Chicago

A photograph of a modern, multi-story building with a large glass atrium. The building features a curved glass facade and a prominent white text overlay that reads "Smart Buildings". The architecture is characterized by a grid of glass panels and a series of white, cantilevered balconies or walkways. The sky is visible through the glass, and the overall scene is brightly lit.

Smart Buildings



- 12,000+ employees.
- An underground auditorium that can seat 1,000 people.
- 80% of the site will be green space.
- Some of the trees will even be harvested and served in the on site cafeteria.
- It will run on 100% renewable energy
- A natural ventilation system will enable the main building to go without air conditioning or heating for 75% of the year

A vibrant display of fresh produce in woven baskets. The scene is filled with a variety of fruits and vegetables, including tomatoes, lemons, apples, grapes, and various types of beans and peppers. The produce is arranged in neat rows, creating a colorful and appetizing display. The text "Really Smart Buildings" is overlaid in the center of the image.

Really Smart Buildings

“Food production must increase with 60% to be able to feed the growing population expected to hit 9 billion in 2050.”

United Nations



"We're growing in 16 days what otherwise takes 30 days in a field - using 95% less water, about 50% less fertilizers, zero pesticides, herbicides, fungicides"

David Rosenberg, CEO, AeroFarms





Future Spaces

A modern, dark blue modular building with a grid of windows and balconies. The building is illuminated from within, and the sky is a deep twilight blue. In the foreground, there are stylized, curved light poles and a few silhouetted figures of people walking. To the right, a portion of a traditional white building with arched windows is visible. The word "Modular" is written in large, white, sans-serif font across the center of the image.

Modular

Podshare

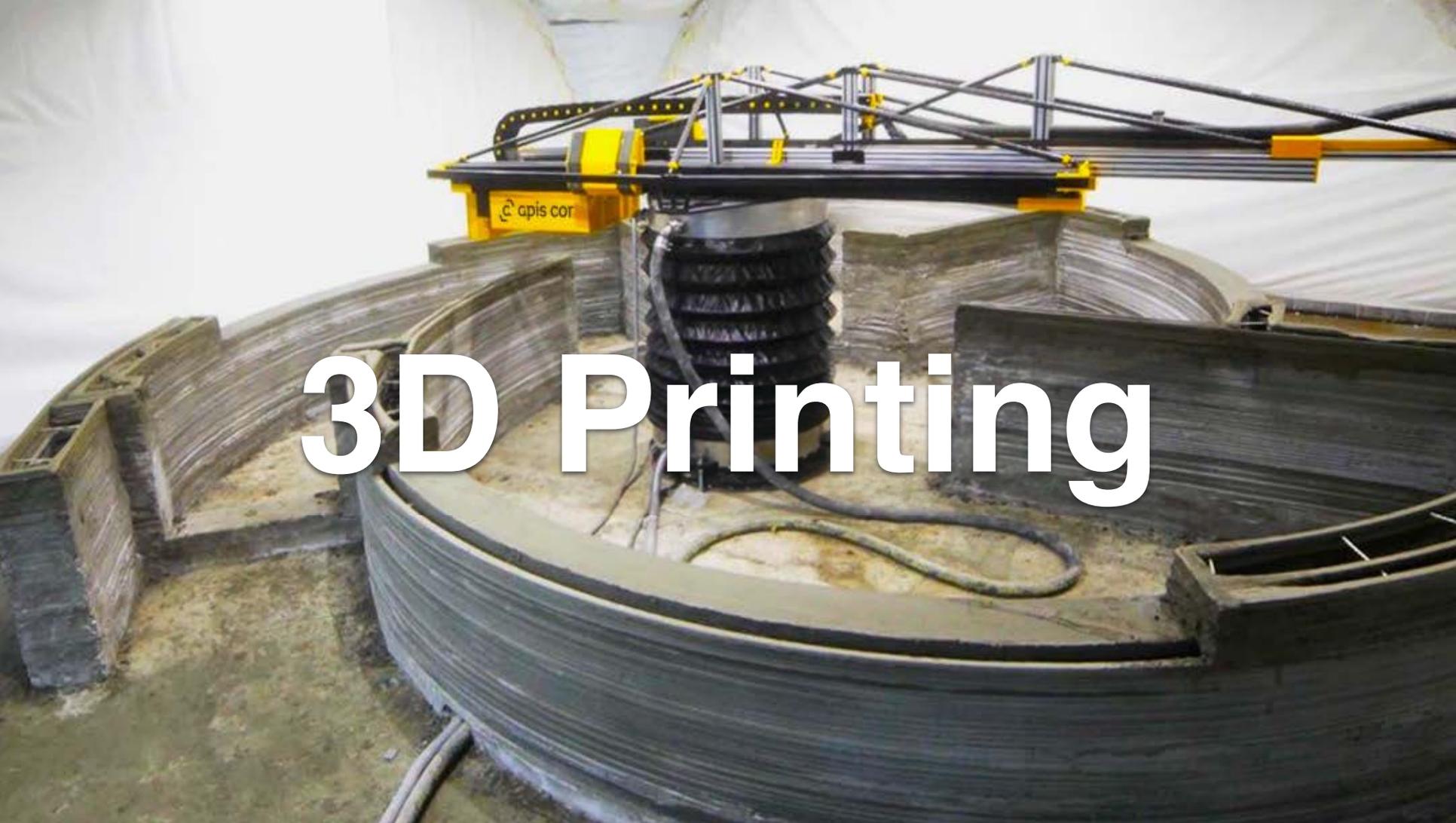




18%

Containerville

A photograph of a container yard. In the foreground, there are two levels of stacked shipping containers. The bottom level consists of orange containers with doors numbered 4, 5, 6, 7, 8, 9, 10, 11, and 12. The top level consists of purple and teal containers, with numbers 21 and 22 visible. A person in a blue shirt and dark pants is standing on the top level of the purple containers. To the left, there is a large, complex steel structure made of lattice beams, possibly a bridge or a large industrial building under construction. The ground is paved with light-colored wooden planks. The sky is blue with some white clouds.



3D Printing



«Тепло»
Теплоотдача
и энергоэффективность









Vancouver

I've never lived somewhere where the price of real estate is discussed so extensively.



BOOM TIME!

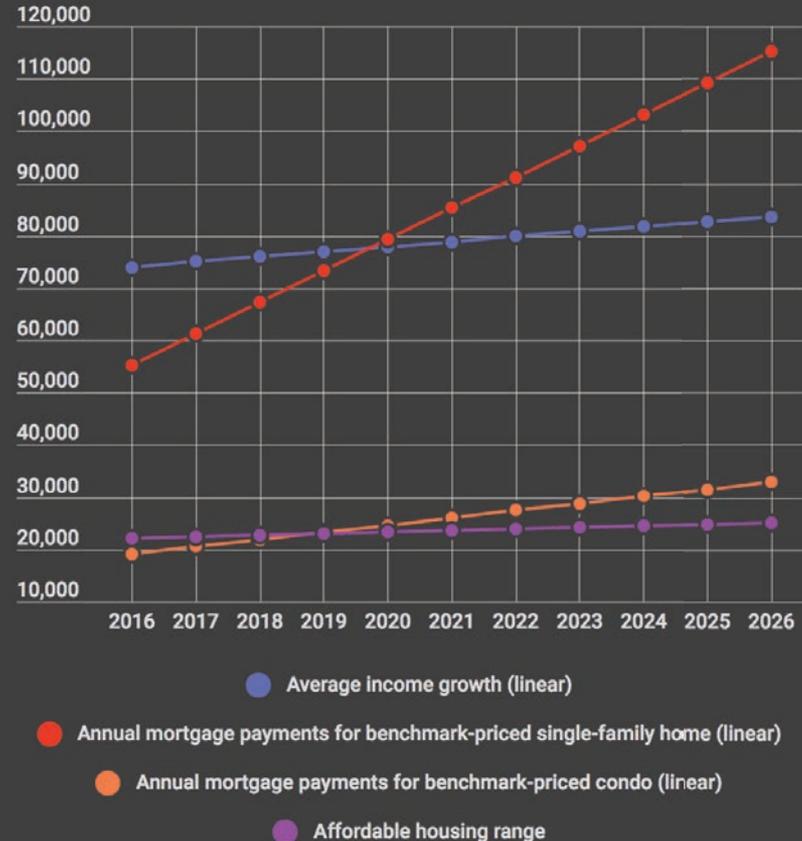


'Hedge City'

“A hedge city is a place where wealthy people in booming but unstable societies - think China, Russia, the Middle East, and similar areas - pile into local real-estate markets, driving up value and supporting a luxury-construction boom.”

**25,000 empty or under-utilized dwellings
in DT Vancouver and over 67,000 in
Metro Vancouver.**

Vancouver Housing Affordability, 2016-2026



**Sales involving commercial real estate
reached nearly \$13 billion last year
compared with \$8.8 billion in 2015**



IRONWORKS

An estimated 35 high-tech or service-oriented and professional businesses are projected to provide 500 permanent jobs at Ironworks when it opens.



Humans

Certainty

Variety

Significance

Connection/Love

Growth

Contribution

As realtors you have a HUGE
responsibility in weaving together the
fabric of communities, business and
otherwise, and the soul of the city.

1. Business community-focused and economy friendly
2. Sustainable, Configurable, and Extensible
3. Contextual and data-driven
4. Progressive, Configurable, and Connected
5. Secure

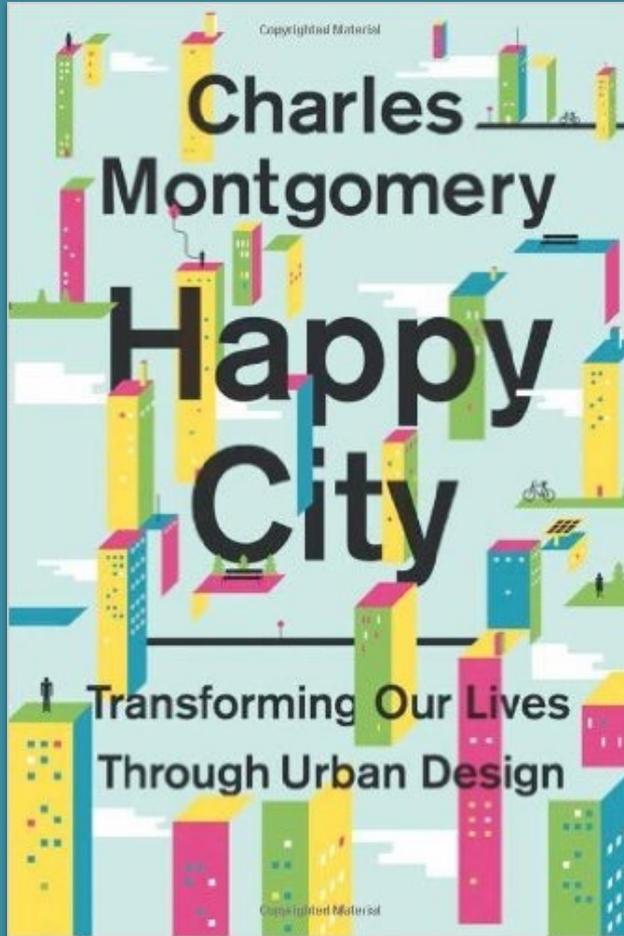
Copyrighted Material

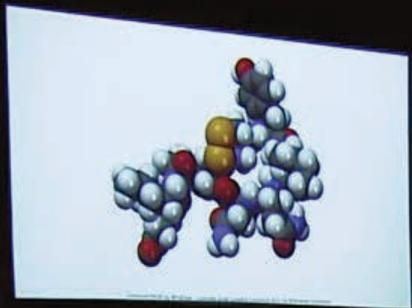
Charles
Montgomery

Happy City

Transforming Our Lives
Through Urban Design

Copyrighted Material





Vancouver



Create Communities & Social Connections





Vancouver 2040

Creating The Future

www.nikolasbadminton.com