

Happy Capitalism!

Lou Schizas CIM, FCSI
March 24, 2023



Jasper Place Library, Edmonton, AB. Architect: HCMA Architecture + Design

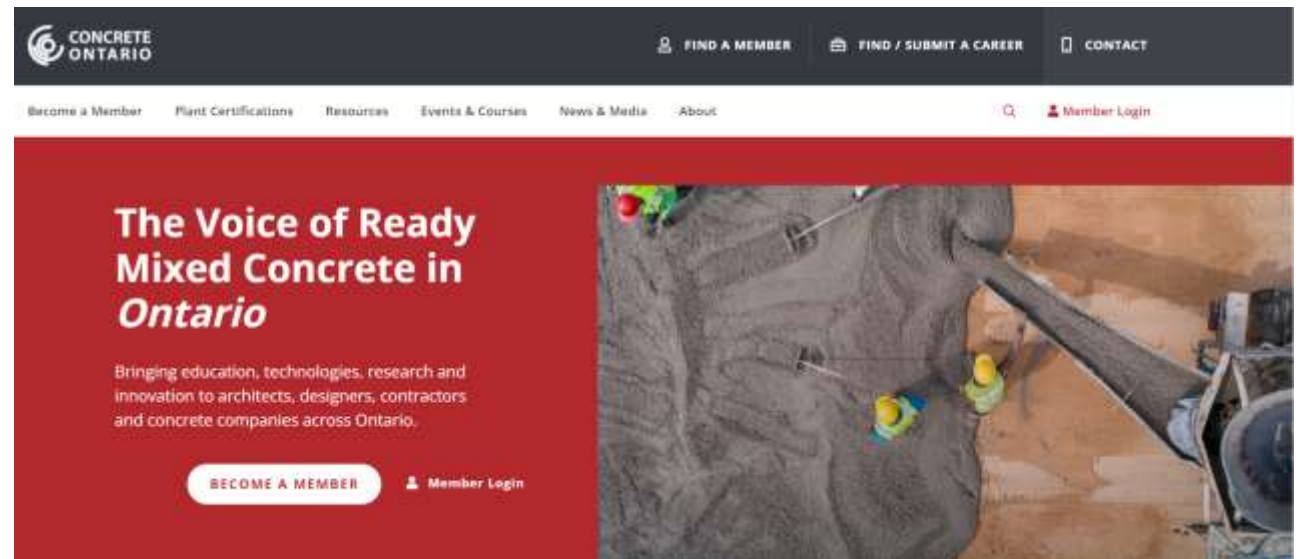


Thanks To :

Bart KanTERS

P.Eng, MBA

President



Thanks To :

Alen Keri

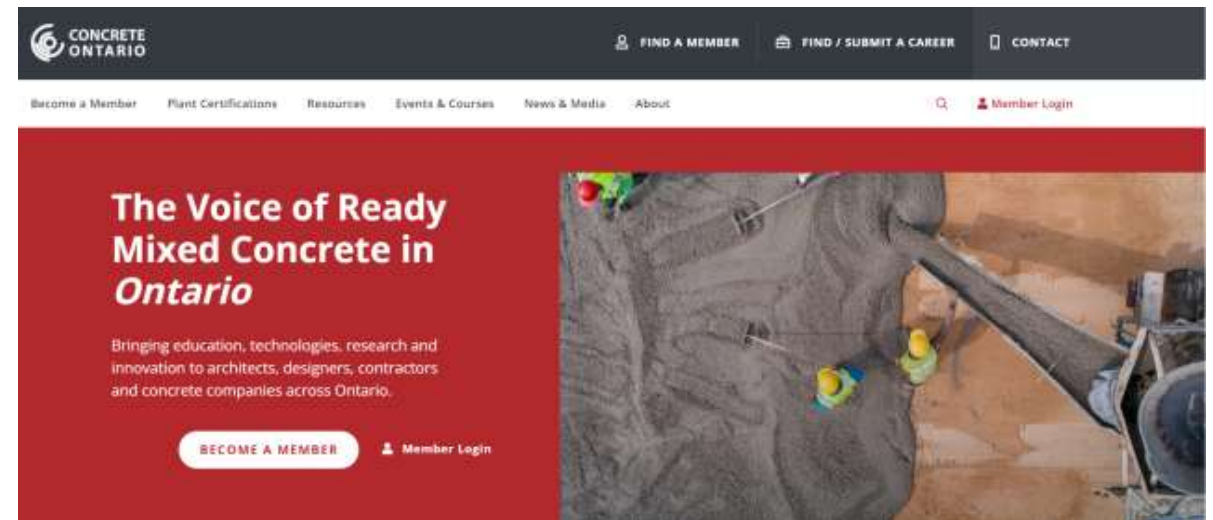
P.ENG.

Director Of Technical Services

Lucas Bromerchenkel

E.I.T.

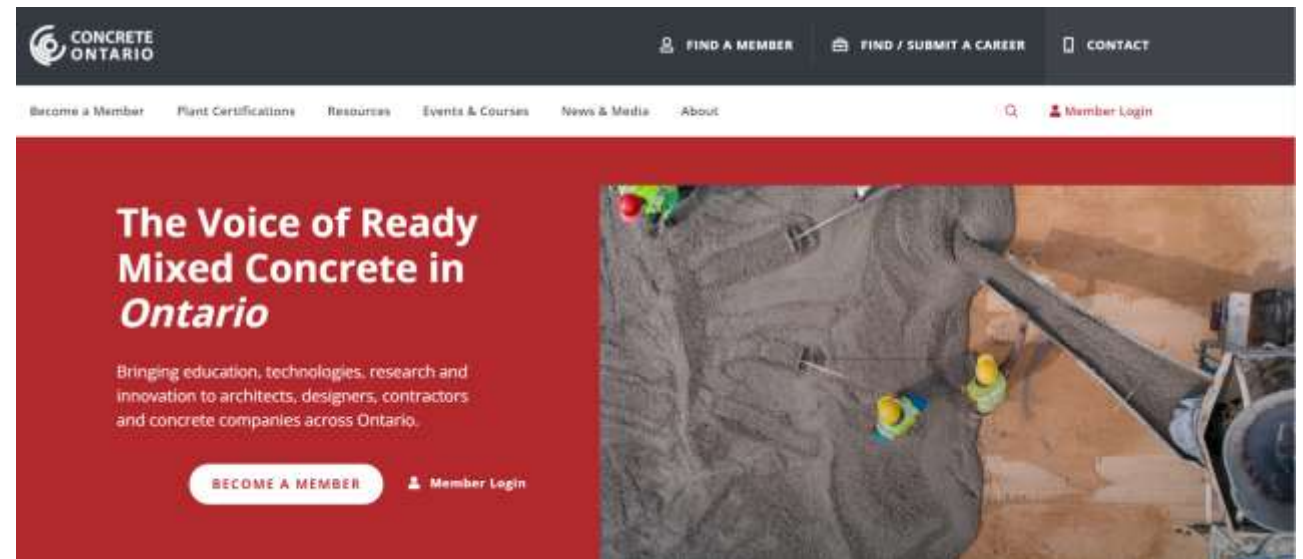
Technical Services Representative



Thanks To :

Camille Richer
Office Manager

Janelle Emanuel
Events Coordinator &
Administrative Assistant



Thanks To :

CONCRETE ONTARIO CONVENTION COMMITTEE

Convenor

Andy Wallgren



Thanks To :

CONCRETE ONTARIO CONVENTION COMMITTEE

Francis Brazeau

Kevin Hurley

Karl Rammier

Andy Unger

Harpreet Singh

Savio DeSouza

Thanks To :

**All The Volunteers Who
Contribute To The
Success of Concrete
Ontario**

Thanks To :

All Concrete Ontario Sponsors



Happy Capitalism!

Over the years we have covered a number of areas in the universe of business including:

- **Marketing**
- **Corporate Communications**
- **Working From Home Protocols**
- **Decoding The Business Phrasebook**

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This Year:

**I Will Take A Random Walk
Through Topics That Have
Been Hard To Ignore**

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Artificial Intelligence

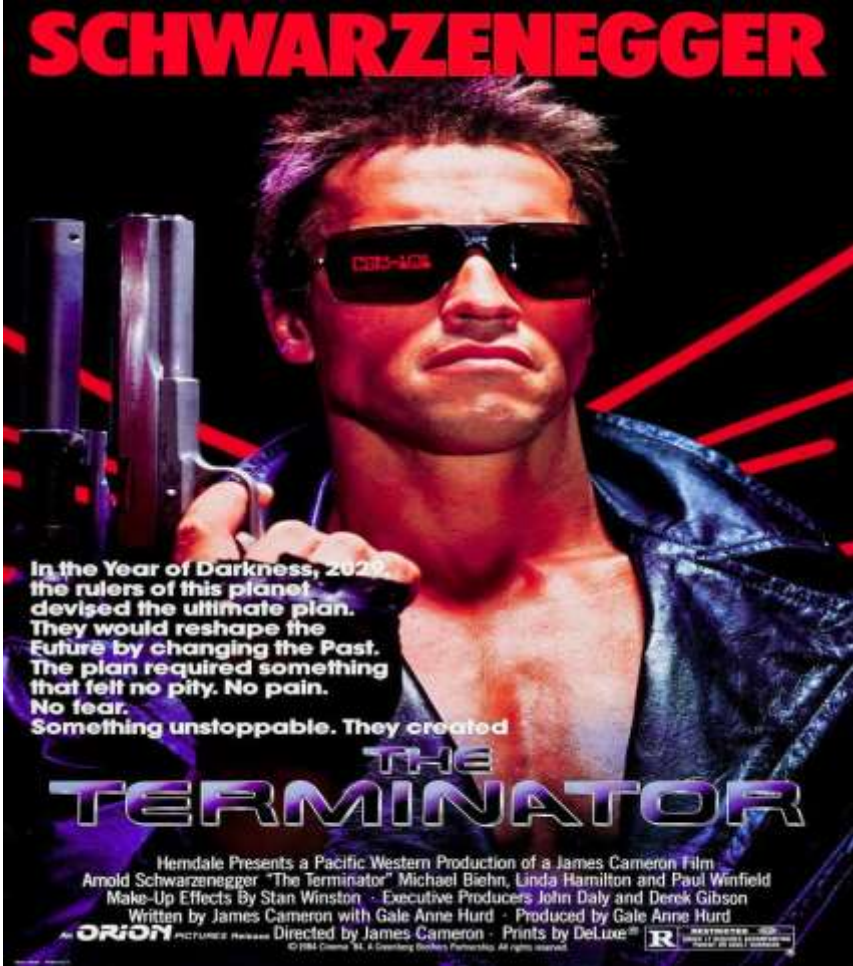
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**There Is A Lot Of Fear
Around
Artificial Intelligence**

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**But There Is A Much
Greater Threat**

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Natural Human Stupidity

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ChatGPT

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A Query To ChatGPT

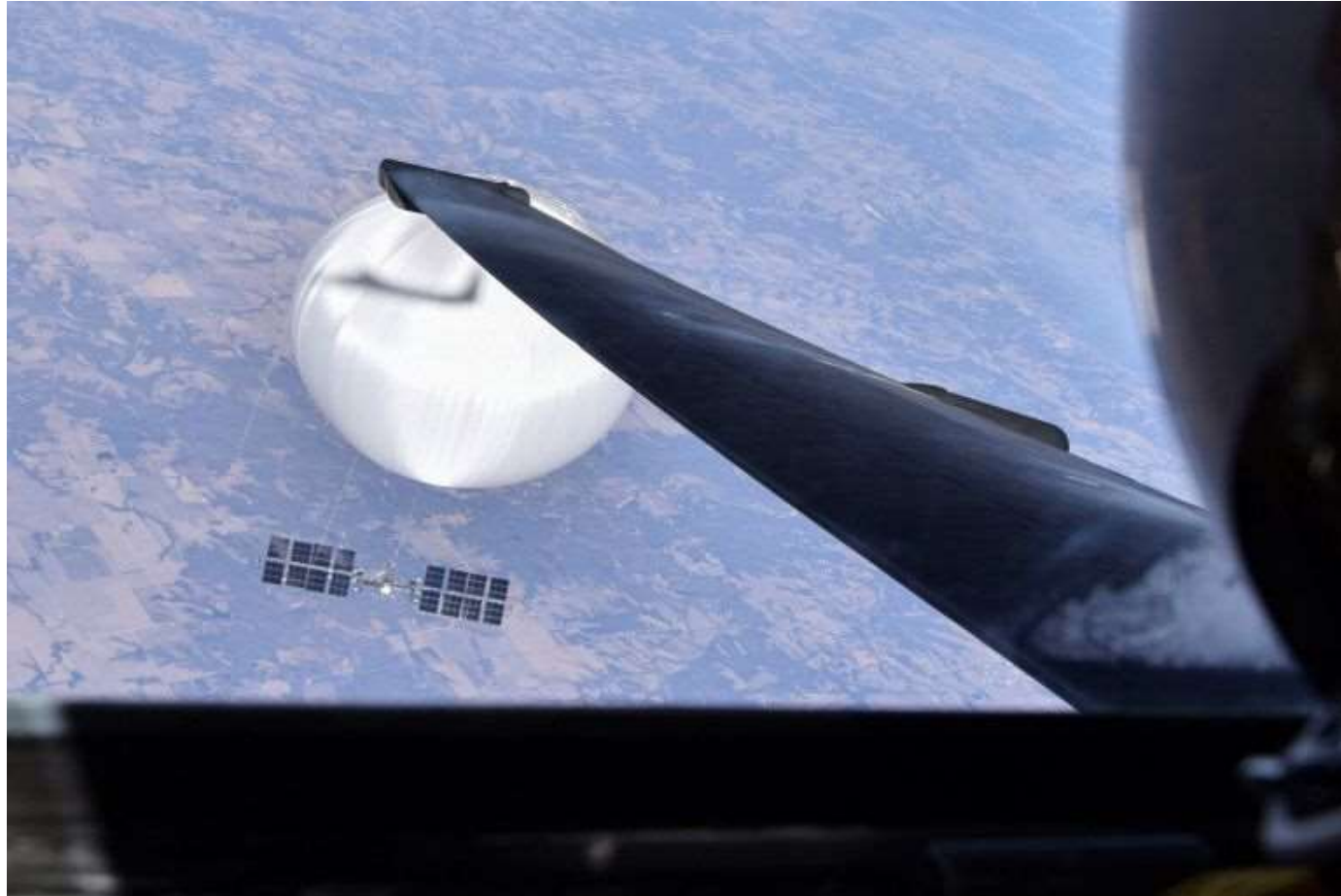
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**Budget : An Estimate of
Income And Expenditures
Over A Set Period Of Time**

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Budgets Balance Themselves

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What About NORAD?

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MAJOR ISSUES FOR THE ECONOMY

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THE BIG PICTURE

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**INTEREST RATES
INFLATION
WAR IN EUROPE / THREATS IN ASIA
ENERGY
LABOUR MARKET**

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INTEREST RATES

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INTEREST RATES

Date	Target %.	Change %
22/01/26	0.25	-----
22/03/02	0.50	0.25
22/04/13	1.00	0.50
22/06/01	1.50	0.50

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INTEREST RATES

Date	Target %.	Change %
22/07/13	2.50	1.00
22/09/07	3.25	0.75
22/10/26	3.75	0.50
22/12/07	4.25	0.50

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INTEREST RATES

Date	Target %.	Change %
23/01/25	4.50	0.25
23/03/07	4.50	-----

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Interest Rates Affect Everything In The Economy

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There Are Three Things That Could Happen To Interest Rates In 2023

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Worse Case

**Bank Of Canada Could
Continue To Raise Rates**

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Best Case

**Bank Of Canada Could
Start To Cut Rates**

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Neutral Case

**Bank Of Canada Could
Leave Rates Unchanged**

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**The Collapse of Silicon Valley
Bank & Signature Bank Call
Into Question How Central
Banks Will Act**

INFLATION

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THE SILENT THIEF

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MONETARY POLICY

FISCAL POLICY

ENERGY PRICES

WAGE EXPECTATIONS

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Inflation

2020	0.7%
2021	3.4%
2022	6.8%

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Inflation

June	2022	8.1%
December	2022	6.3%
January	2023	5.9%

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WAR IN EUROPE

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**COMBATANTS SUPPLY
THE GLOBAL ECONOMY
WITH STRATEGIC
MATERIALS**

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**In 2022 The United States
Spent Over \$120 Billion In Military &
Humanitarian Aid To Ukraine**

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How Long Can That Go On?

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Tension Between The United States And China

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Primarily Over Taiwan

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ENERGY :

**The Transition Away From Fossil Fuels
Towards Green Energy**

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Inflation Reduction Act

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**\$369 Billion Over 10 Years To
Support Green Energy,
Pollution Reduction,
Environmental Justice**

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Volkswagen To Build Battery Plant In St. Thomas, Ontario

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**Canadian Governments Did Not Disclose
How Much They
Kicked Into The Project**

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Labour Market

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**Labour Market Is Tight
Unemployment Is 5% Compared To The
Long Term
Average of 8.1%**

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**THE BOOMERS HAVE
LEFT THE BUILDING!**

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**EMPLOYERS
HOARDING STAFF**

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Ontario Economic Forecast

	2022	2023	2024
Real GDP	3.3%	0.3%	0.4%
Unemployment	5.7%	6.5%	7.0%
Housing Starts (000)	93	86.5	82.5

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Canadian Economic Forecast

	2022	2023	2024
Real GDP	3.5%	0.7%	0.4%
Consumer Expenditures	4.8%	0.8%	0.3%
Durable Goods	- 3.1%.	- 2.7%	- 0.5%

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Canadian Economic Forecast

	2022	2023	2024
Business Investment Non- Res Structures	11.6%	3.8%	1.8%.
Residential Investment	- 10.3%	- 7.6%	0.5%

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Canadian Economic Forecast

	2022	2023	2024
Government Expenditures	1.3%	2.2%	2.3%

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CANADIAN OVERNIGHT TARGET RATE

2022

2023

2024

2.4%

4.3%

2.7%.

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The Challenges

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Approval Of Wood Frame Construction Up To Twelve Stories Will Pose A Challenge

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**Mass Timber Buildings
Up 50%
1,300 Structures
July 2020 – December 2021**

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**Market For Mass Wood
Buildings Expected To Grow
13.6% Annually 2023 – 2028**

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**18 Manufacturing Plants
Built in the U.S. And
Canada Since 2014**

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Pressure On The Concrete Industry To Go Green

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**Greenhouse Gas Emissions
Attributed To Concrete Industry
Now 8% Of Total Up From A
Range Of 4% – 8%**

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**Sultan al-Jaber, CEO Of The
Abu Dhabi National Oil Co.**

“ Emissions Must Drop 7% Yearly”

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**Sultan al-Jaber Failed To Mention
Transportation But
Targeted Cement, Electricity,
And Aluminum For Clean Up**

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HEMPCRETE

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HEMPCRETE
Approved for U.S. Residential
Building Codes In
September 2022

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Prometheus Bio Cement

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**Uses An Algae Based Binder
90% Smaller Carbon Footprint**

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Using Concrete to Sequester Carbon Dioxide

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CarbonCure Technologies

CarbonQuest

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**Global Carbon Dioxide
Removal Market Expected
To Grow 18.2% Annually To
\$2.08 Billion by 2031**

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Global Debt

2017	\$230 Trillion
2021	\$303 Trillion
2022	\$300 Trillion

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Canadian Government Debt Federal & Provincial

\$2.1 Trillion

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Global Debt To GDP

2017	330%
2020	360%
2021	351%
2022	349%

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Global Debt To GDP

2030 366%

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Canadian National Debt To GDP Ratio.

2021	109.88 %
2022	102.00 %

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Ontario Debt To GDP Ratio

38.7%

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**Ontario Government
Debt Service Cost
\$14.5 Billion**

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How Do We Survive And Thrive In The Face Of These Challenges?

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FOCUS ON THE LONG TERM

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Look To Pharaonic Ambitions

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500 Condo Towers Could Be Built by 2028

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Embrace A Positive And Growth Mindset

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All Financial Crises Wars And Pandemics End

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The Only Question Is :

**Who Will You Be
When It Is Over?**

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Make It A Profitable Day

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Data Sources:

World Bank

Bank of Canada

Royal Bank Economics

BMO Economics

TD Economics

The Economist

WSJ

ROB

CNBC

Conference Board

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