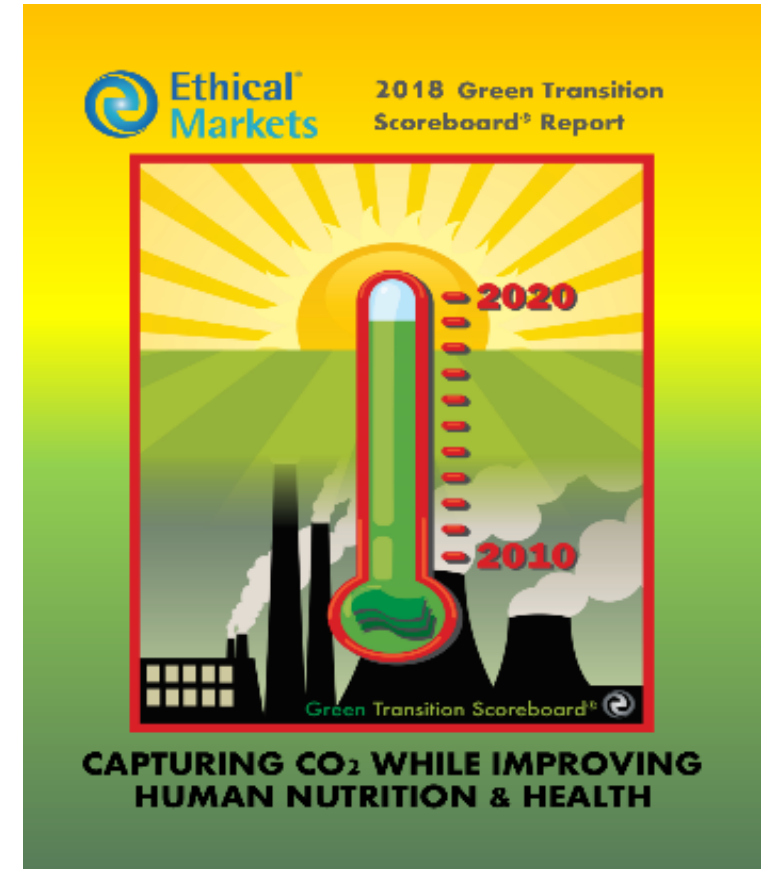


The Green Economy is Bigger Than You Realize

November 19, 2019



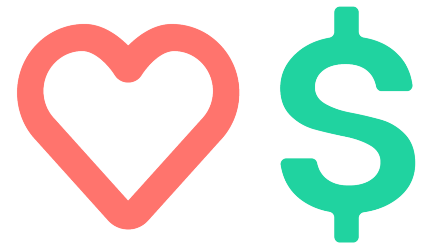
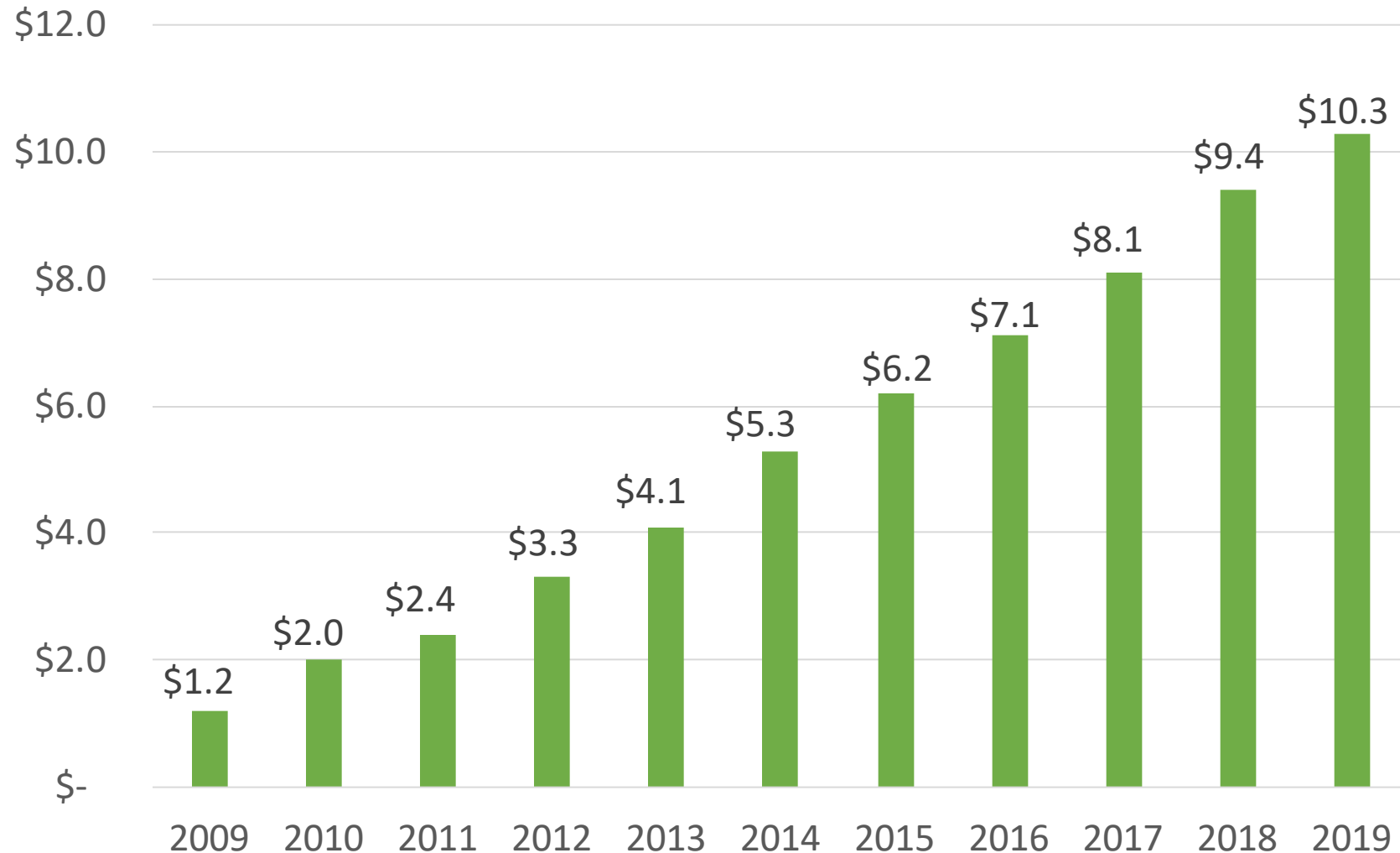
Sector	Amount US \$
Renewable Energy	\$4,419,326,835,848
Energy Efficiency	\$2,172,353,867,074
Life Systems	\$1,948,093,945,462
Green Construction	\$1,265,705,544,757
Corporate Green R&D	\$527,201,861,657
Grand Total	\$10,332,682,054,800



Fighting Dragons since 2010



My, How Far We've Come



The green economy is here,
it's huge, and nothing will
stop it from growing.



Investors Are Catching On

Harvard Business Review

“Mounting evidence shows that sustainable companies deliver significant positive financial performance, and investors are beginning to value them more highly.”



Investors Are Catching On



**Global Asset
Management**

“Companies that score highly in terms of their approach to ESG factors tend to deliver higher cash returns on their investments than their sector peers.”



Investors Are Catching On



“We found that, over the last five years, companies with higher ESG Ratings exhibited higher average return on invested capital, compared to companies with lower ESG ratings.”



Investors Are Catching On

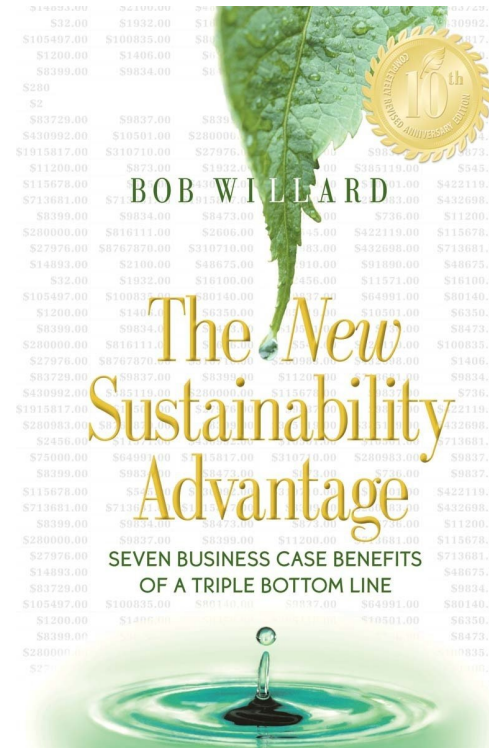
BLACKROCK®

“ESG investing is not just about doing good. A growing body of research points to a link with asset performance. Companies that manage sustainability risks and opportunities well tend to have stronger cash flows, lower borrowing costs and higher valuations.”



Business Case for Sustainability

1. More Efficient
2. More Productive
3. More Innovative



PERSONAL FOOTPRINT vs PIGGY BANK FOOTPRINT

Annual carbon footprint of...

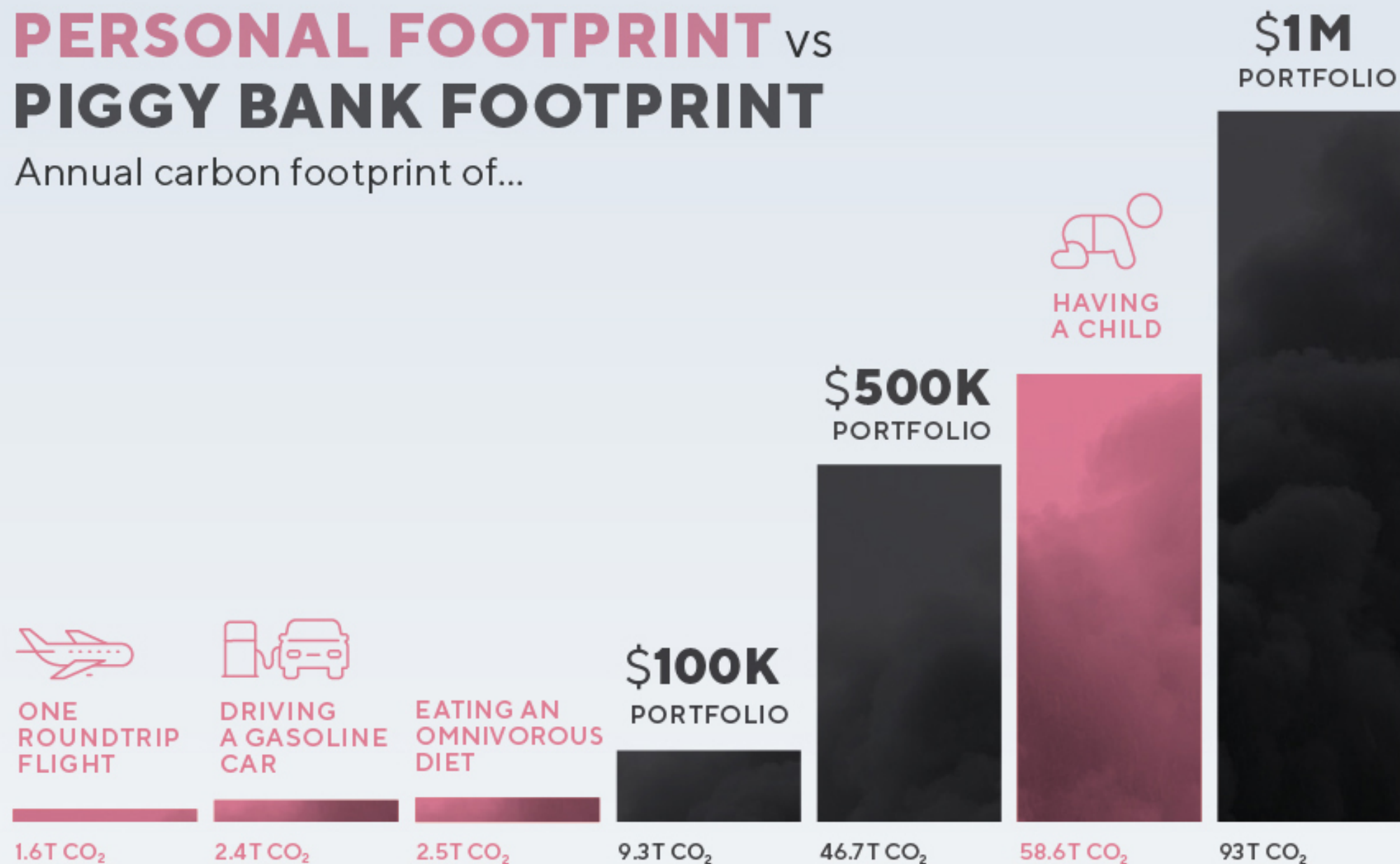
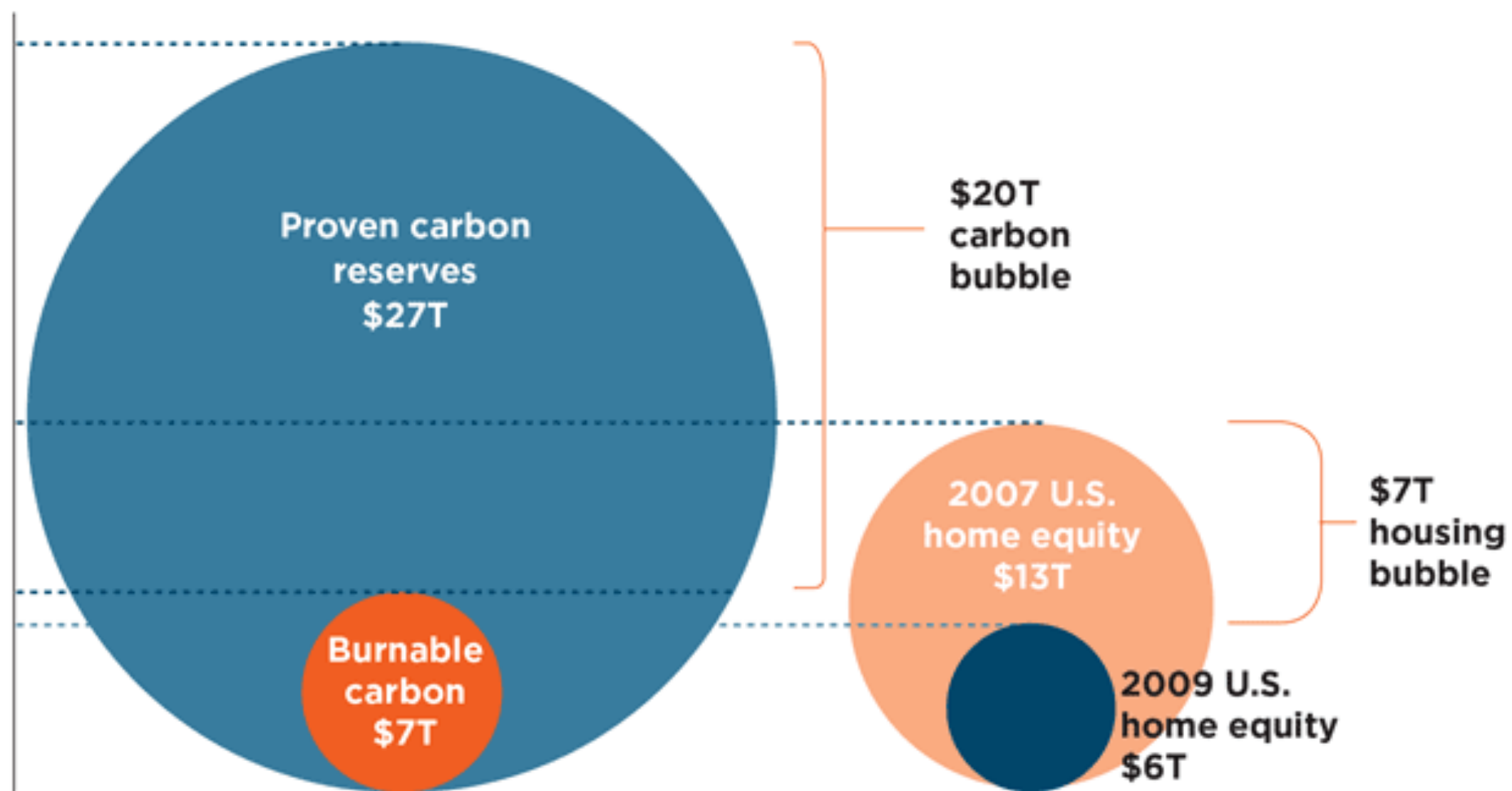


FIGURE 2 Potential Carbon Bubble



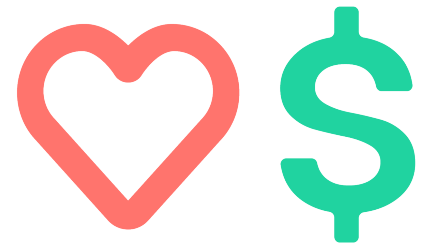
Sources: Carbon Tracker Initiative, Associated Press, Freddie Mac, and Federal Reserve Flow of Funds Report



BANK OF CANADA
BANQUE DU CANADA

“Climate change continues to pose risks to both the economy and the financial system. These include physical risks from disruptive weather events and transition risks from adapting to a lower-carbon global economy.”

“If some fossil fuel reserves remain unexploited, assets in this sector may become stranded, losing much of their value. At the same time, other sectors such as green technology and alternative energy will likely benefit.”

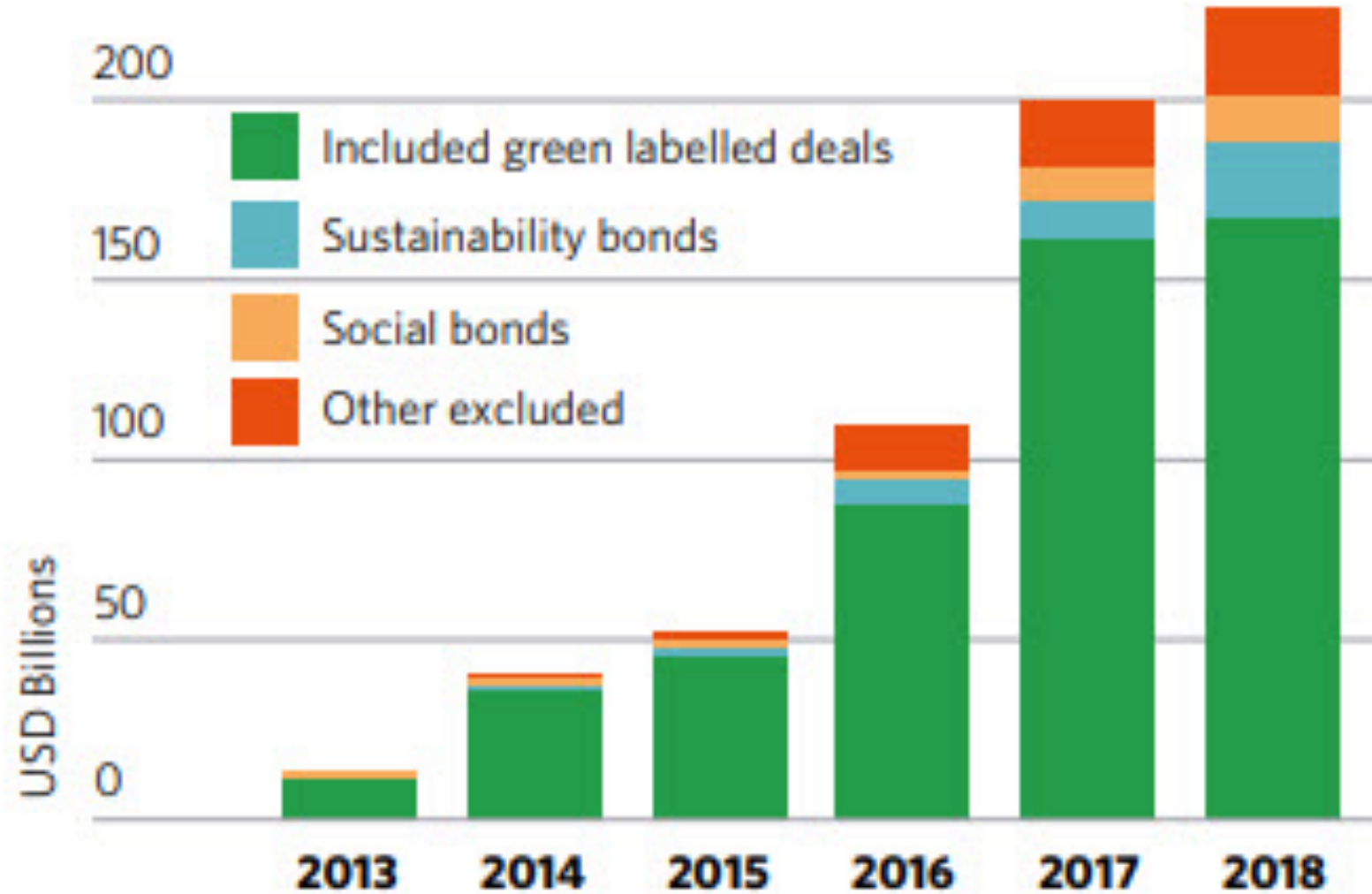


We have all the technology
we need.

It needs to be deployed!



Impact Bonds

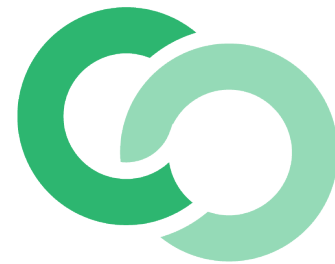


Green Bonds in Canada

Issuer	Bond Size
CPPIB	\$1.5 billion + €1 billion
Province of Ontario	\$4 billion
City of Ottawa	\$102 million
Scotiabank	\$500 million
TD Bank	\$1.5 billion



Impact Bonds in Canada

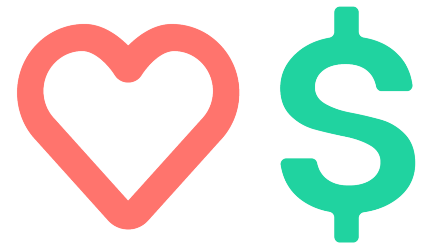


COPOWER

Put the planet in your portfolio

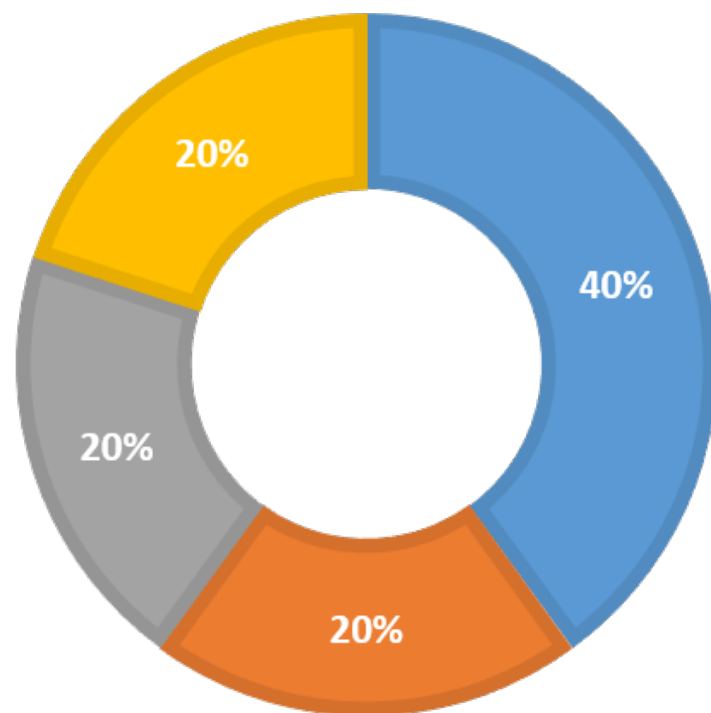
Tapestry

COMMUNITY CAPITAL





Canadian Couch Potato



■ Canadian Bonds	■ Canadian Stocks
■ US Stocks	■ International Stocks



Traditional Investing

Own Companies Like:

Exxon

Philip Morris

Lockheed Martin

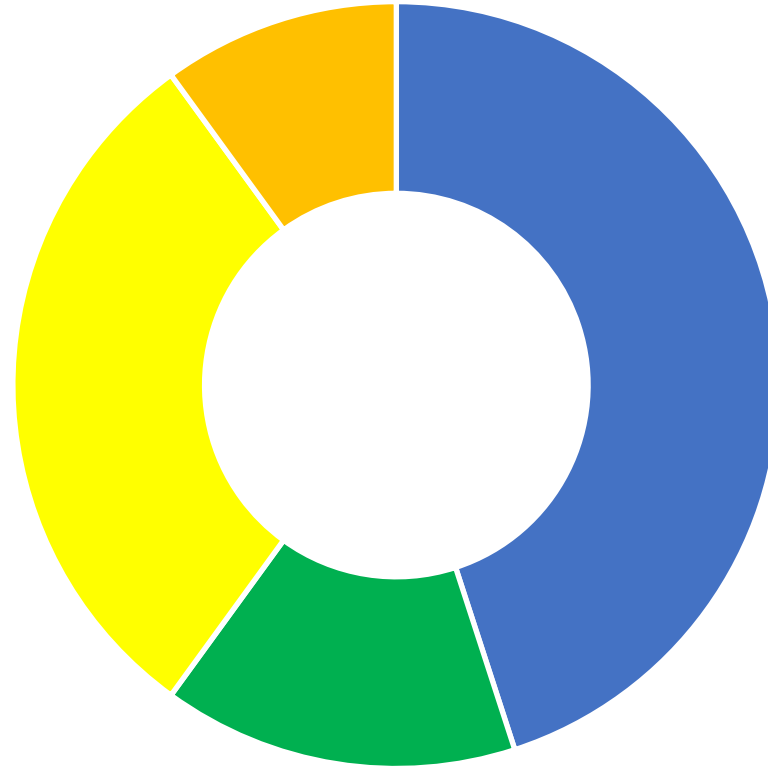
TransCanada

Barrick Gold

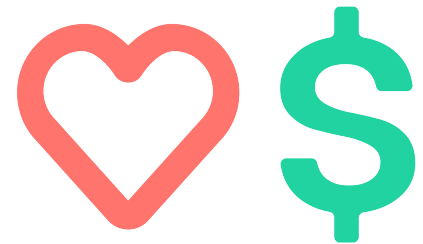
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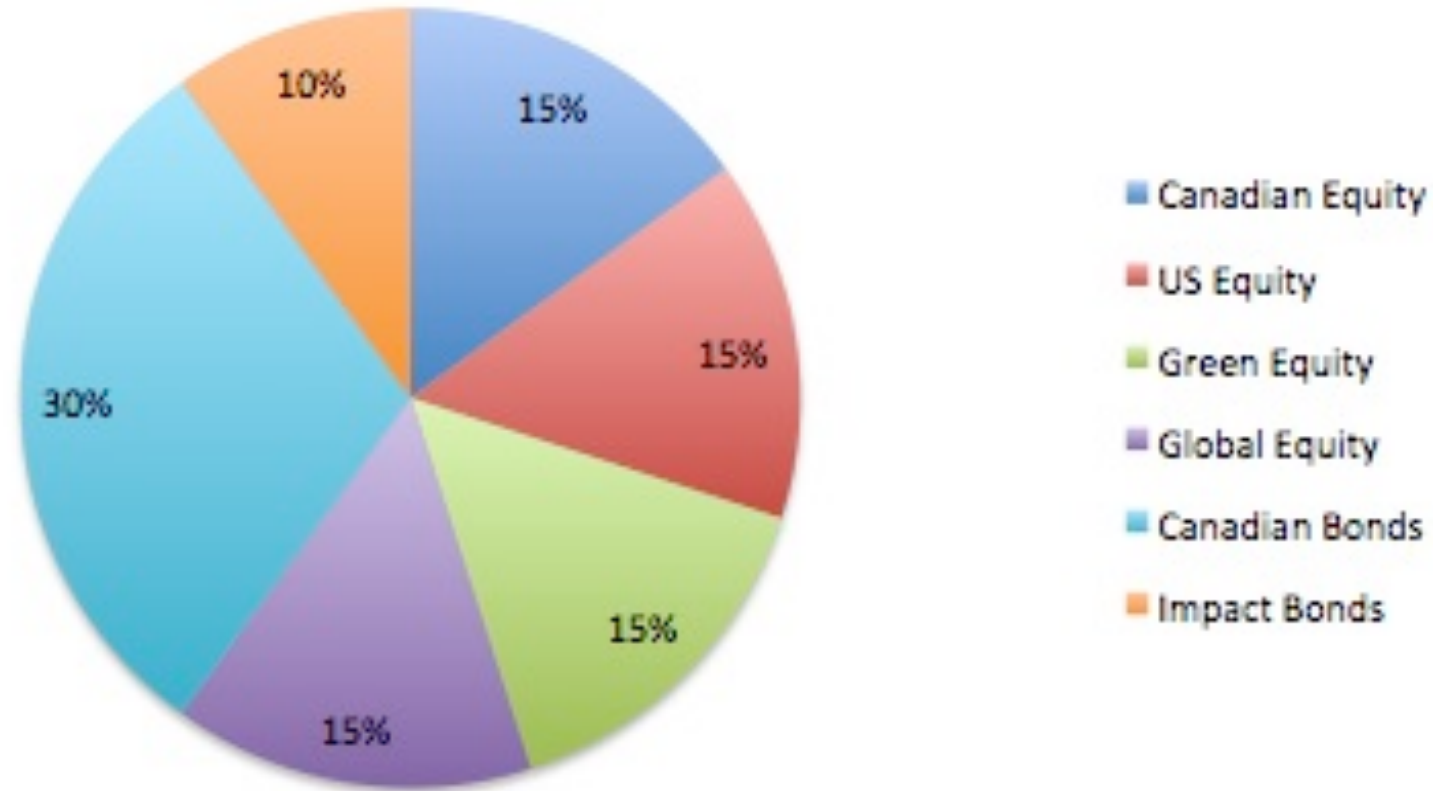
Sustainable Portfolios



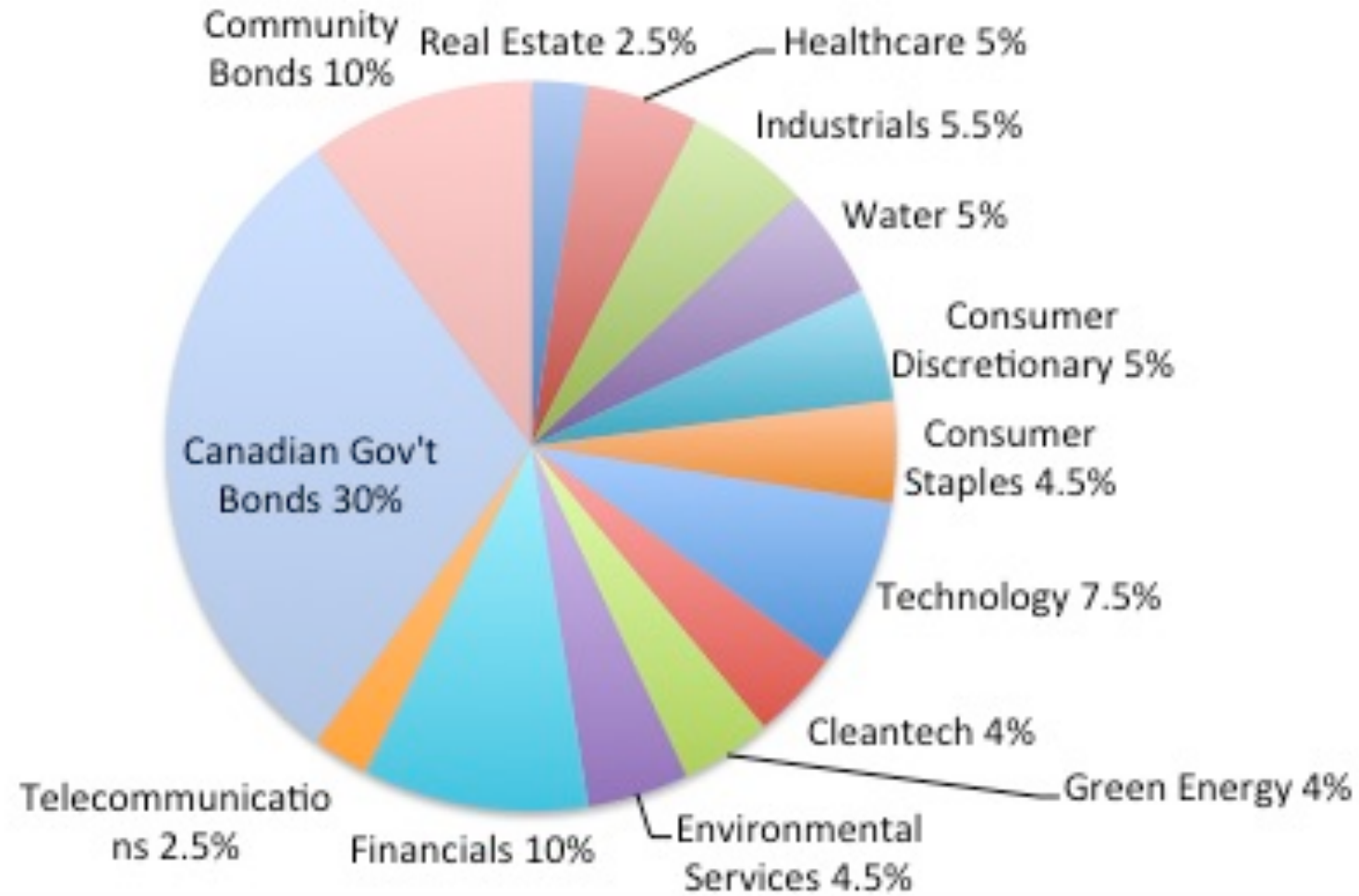
- Doing Less Evil Stocks
- Green Stocks
- Doing Less Evil Bonds
- Impact Bonds



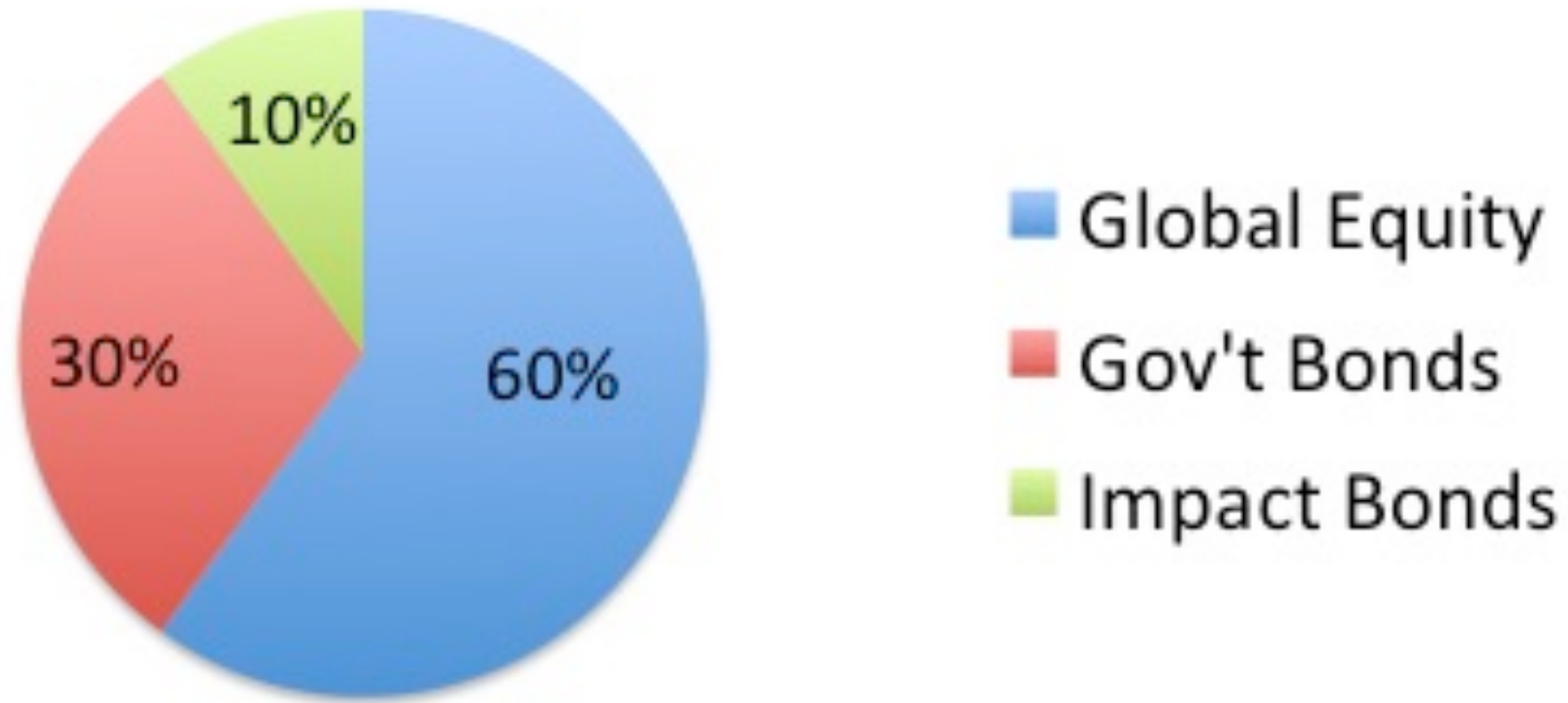
Organic Couch Potato Portfolio



Fossil Fuel Free Portfolio



Easy as Pie Portfolio (hold the fossil fuels)



Good Returns

As of November 6, 2019

Portfolio	1-Year	3-Year	5-Year	10-Year
Couch Potato	11.32%	7.69%	5.61%	6.73%
Organic Couch Potato	11.03%	8.54%	6.31%	6.36%
Fossil Fuel Free	12.79%	9.40%	6.59%	7.40%



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twitter: [@timenash](https://twitter.com/@timenash)

