

A photograph of a crowd of people, likely at a conference or meeting, with their hands raised in a show of support or agreement. The image is overlaid with a semi-transparent dark filter. The text is centered and reads: "Enabling communities to tap into the trillion-dollar bioeconomy market".

Enabling communities to tap
into the trillion-dollar
bioeconomy market

Show of Hands

WHO ARE WE?

Bioindustrial Innovation Canada

The logo for Bioindustrial Innovation Canada features a stylized graphic of three curved, overlapping shapes in green, blue, and purple, resembling a leaf or a flame.

A sustainable chemistry alliance.

Meaghan Seagrave

Executive Director, Bioindustrial Innovation Canada:
Sustainable Chemistry Accelerator

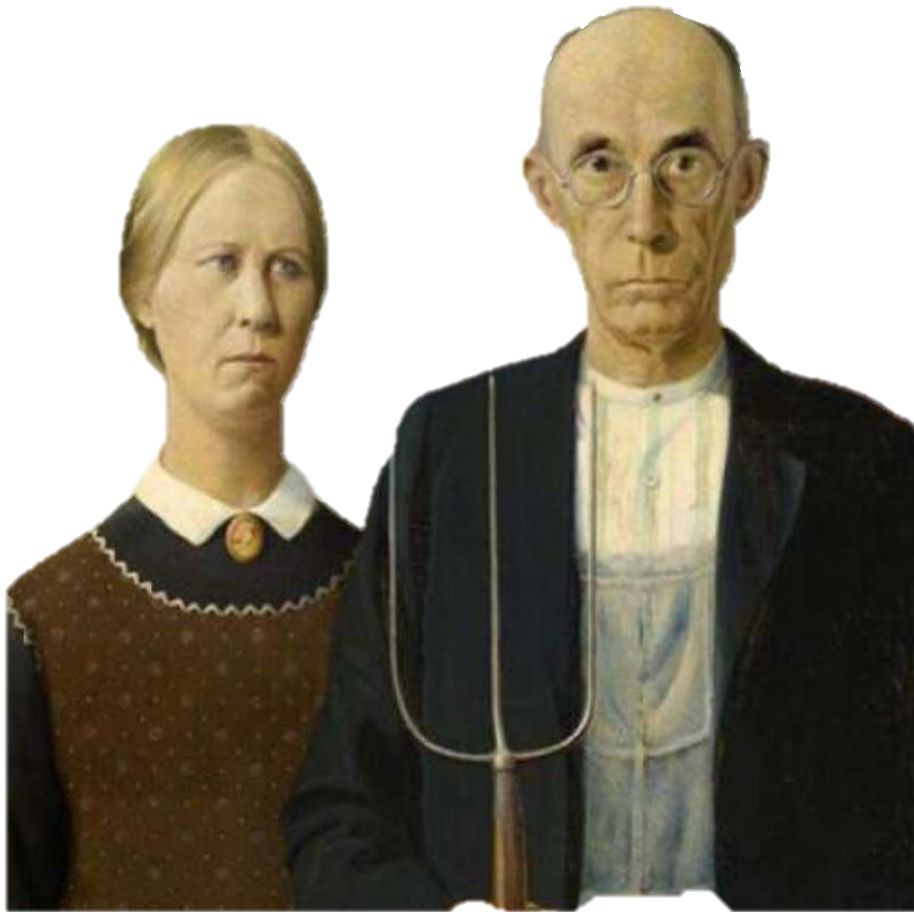
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CEO, Sustainable Chemistry Alliance: Portfolio
Investment Company

Canada's National Sustainable Chemistry Accelerator

Founded in 2008 to Provide:

- Critical business acceleration support and services to developers of clean, green, and sustainable technologies
- Critical strategic investment to early-stage companies
- Employ and deploy teams of technical experts in sustainable chemistry to provide added value to start-ups
- Support Canada's Net-Zero targets



BDO Zones

This wasn't your
Grandparents
investment strategy

or
Was it?



Take a Step Back

Covered

- What is a BDO Zone?
- The community or regional opportunity it represents.

BDO Zones are one tool in the toolkit to:

- Build a catalogue of bioregional readiness.
- Highlight regions of biomanufacturing readiness.
- Focus on Canadian leadership in the bioeconomy.



BDO Zones are about Financing a Sustainable Future

- If we understand the scale of the problem, we can act on it.
- Globally we are **ALL** facing the same crisis.
- We all need to save our environment and our economies.
- **IT'S A RACE** to see who will get to the technology first.
- Climate finance is expected to increase more than 10x faster than current trends to stay on track with climate goals.

MAKE NO MISTAKE



This is a competition...we are in it to win

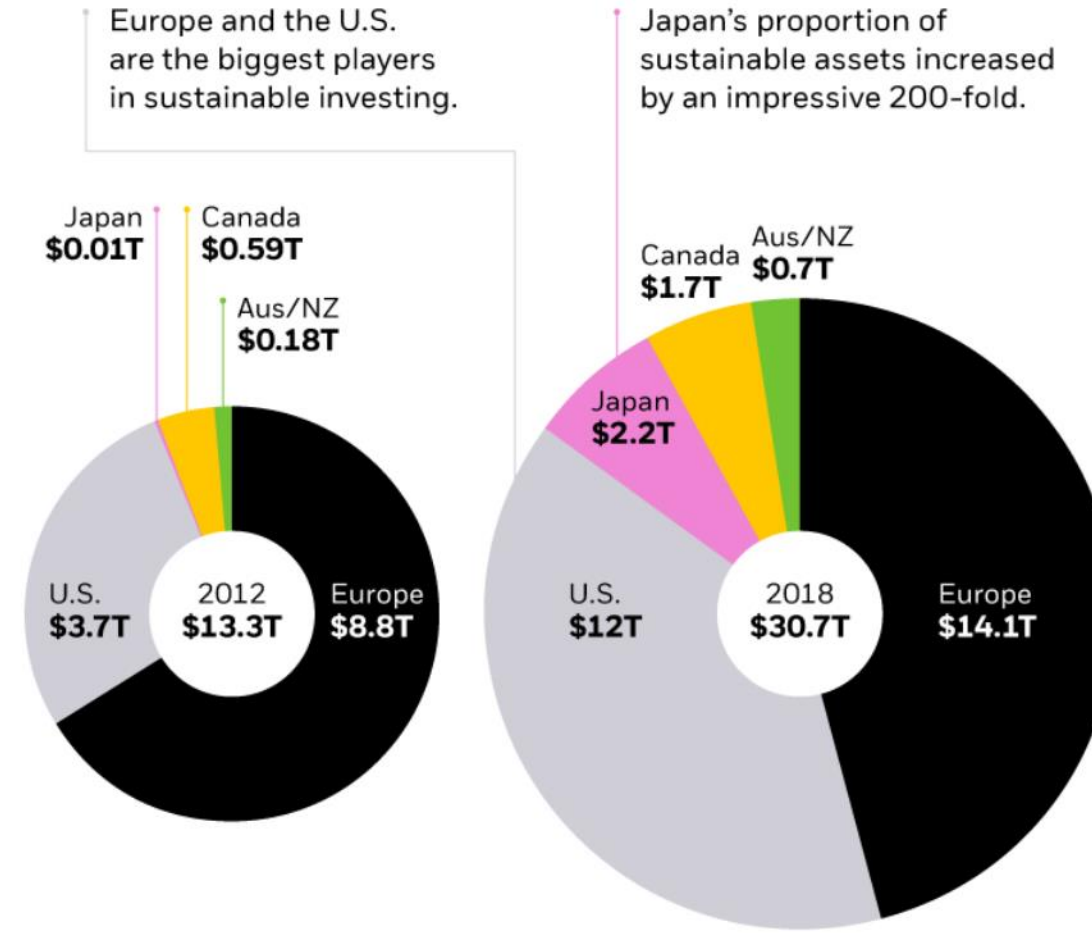
- Countries and regions are **competing for investment**.
- With investment comes jobs – the future workforce.
- $\frac{1}{2}$ to $\frac{3}{4}$ of the financing required for climate tech projects will come from private sources (traditionally it has been $\frac{1}{4}$ to $\frac{1}{2}$).
- Investors are also aligning their investment allocations (in assets) to net-zero targets.
- **The pool of capital aligned with net-zero targets will only grow** as investors increasingly realize that sustainable business practices not only result in more competitive and resilient firms but also align with profitable financial returns.

The Realities

- Corporations, financial institutions and regulators must have access to information and a clear understanding of the risks and opportunities to target investments that advance sustainable transformations of their businesses.
- These investments are essential to research and scale new low-carbon technologies, **to substitute the existing capital stock** with sustainable alternatives and shift business models away from detrimental inputs and outputs.
- Estimates suggest around **\$5 trillion of capital will be needed every year** by 2050 to meet climate goals.

Today, sustainable investing is an unstoppable force, with total assets more than doubling over the past seven years.

Global growth in sustainable investments (USD\$ Trillion)



Europe is well ahead of the sustainable investing curve, and specific legislation is fundamentally shaping the industry.

BDO Zones are a tactic to achieving GHG emission targets

- **Fast** identification of the optimal areas for new bio-project development.
- **Faster** investment decision-making.
- **Faster** capital flow to biobased projects.

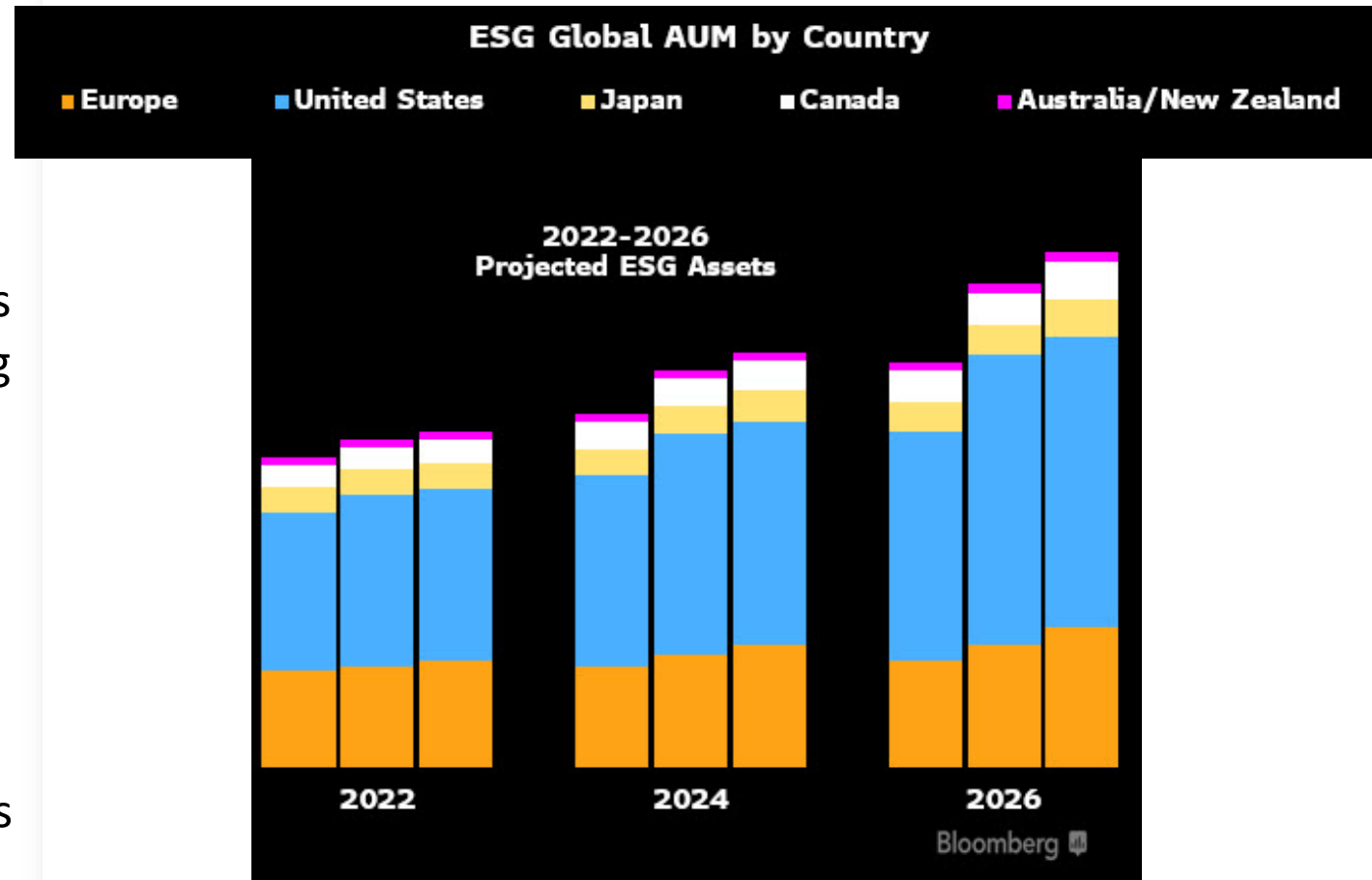
More accurate and less risky
deployment of capital for
all.



Scale Up Public Finance for Climate and Nature

- Governments are the biggest allocators of capital in most economies.
- Government investment are crucial in areas where private finance is unable or unwilling to take a leading role such as development of new, high-risk technologies.
- Reactions from the business community, especially the finance sector, have been positive, recognizing that policy and legislation is expected to dramatically increase the scale of business opportunities and investments in both mature and nascent climate solutions.

De-risk
De-risk
De-risk



Let's Rethink BDO Zones

- A catalogue of bioregional readiness.
- Highlighting regions of biomanufacturing readiness.
- Focused on regions of Canadian leadership in the bioeconomy .
- Attracting investment and technologies.
- Focused and faster investment decision-making.
- Accelerated capital flow.
- De-risking local investment and government investment.

The hurdle will not be the \$\$, but instead where to deploy it.



THANK YOU

Time for Q&A



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