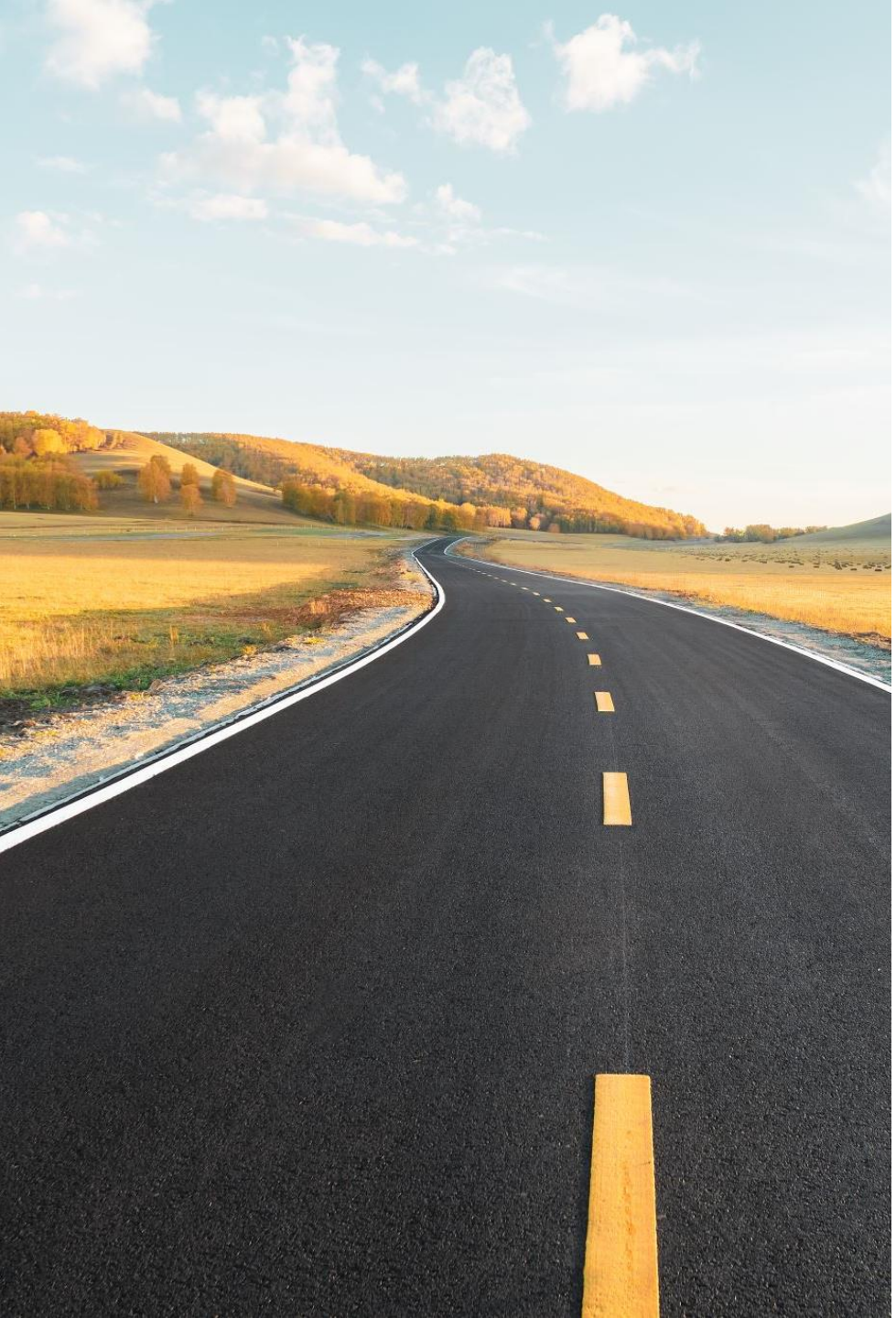


The Road to Net Zero runs through Canada

Bioindustrial Innovation Canada
A sustainable chemistry alliance.

Meaghan Seagrave
Executive Director, Bioindustrial Innovation Canada
CEO, Sustainable Chemistry Alliance
https://www.linkedin.com/in/meaghanseagrave/
mseagrave@bincanada.ca

BDOZ INITIATIVE



Who we are

Bioindustrial Innovation Canada
A sustainable chemistry alliance.

- Canada's National Sustainable Chemistry Accelerator
- National Not for Profit Founded in 2008
- 2 companies in 1
  - Bioindustrial Innovation Canada (acceleration)
  - Sustainable Chemistry Alliance (venture capital)

Let us help connect you to regions of opportunity

BDO Zone ***Sarnia-Lambton, Ontario – Corn Stover*** ‘A;

BDO Zone ***Trois-Rivieres, Quebec – Woody Biomass*** ‘A;

BD OZ INITIATIVE

What we do

- Build bioeconomy clusters: the two you will hear from today
- Work cross-sectors to identify and validate technologies
- Collaborate nationally and internationally to build opportunities
- Leverage our knowledge and relationships to link opportunities coast to coast to leverage Canada's advantage









How we do it

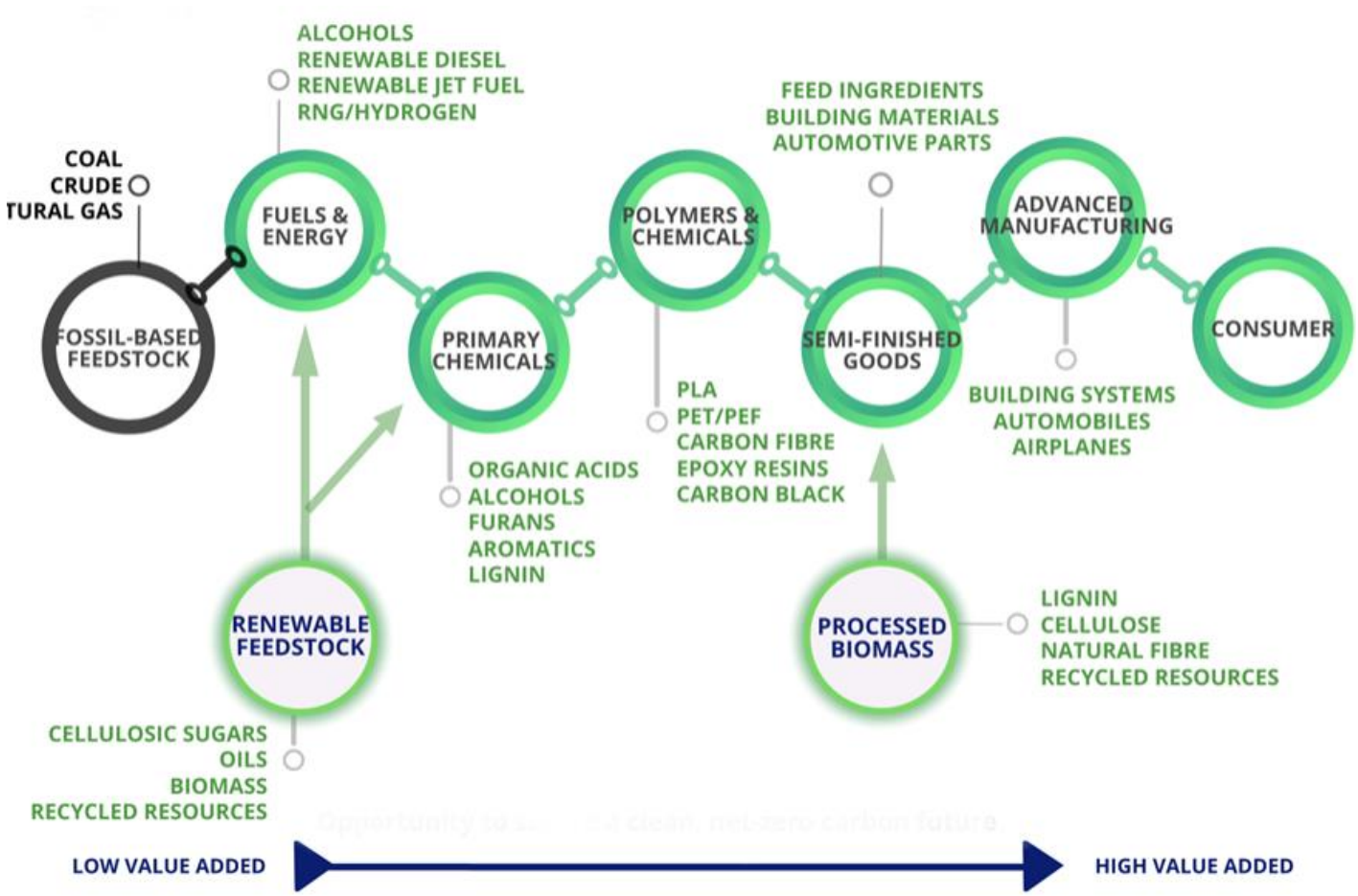
We build networks to support inward investment into regions of opportunity, then deploy teams to provide:

- Critical business acceleration
- Critical business investment
- Technical expertise
- Policy development

..... and a lot more



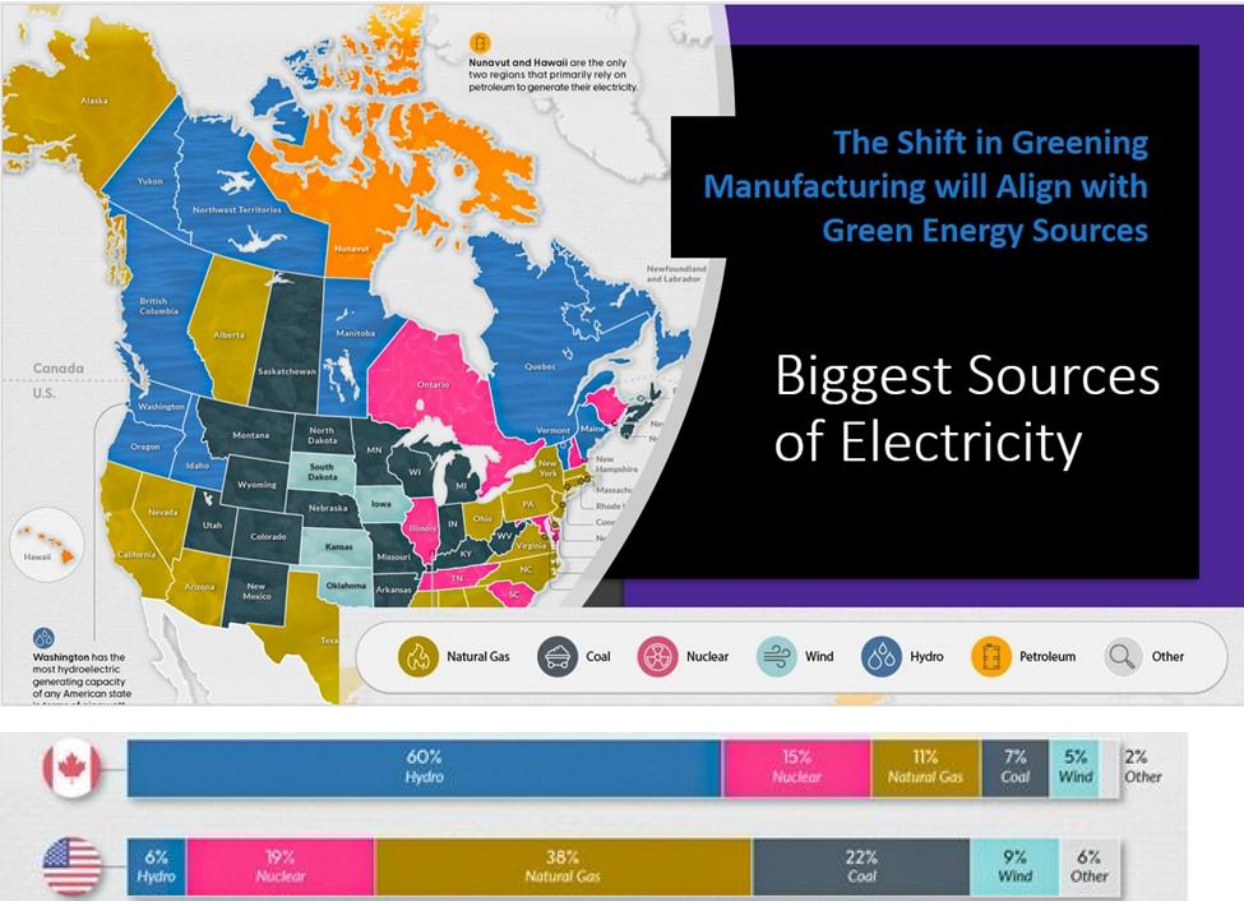
Where we play



Along the hybrid-chemistry value chain where:

- Feedstock conversion through transformational technologies
- Green inputs displacing fossil inputs
- Industry decarbonization
- Creation of novel high value goods

Canada’s offer



Source: Visual Capitalist

Canada’s Assets:

- Feedstock suppliers to the world (Forestry, Agriculture, Marine)
- 75% green & clean energy grid
- Substantial sustainable resource endowments, i.e., 9% of the world’s sustainable forests and significant agriculture and water resources
- Low-cost land
- Existing value-chain players
- Coast-to-coast greenfield and brownfield sites from previous industrial development
- 550 Port facilities with over a dozen strategic port authorities (breakbulk and container) – many connected to brownfield sites
- Existing hybrid chemistry clusters

Canada’s Actors:

- Primary producers and processors of: Food, Energy, Fuels, Chemicals
- Technology developers, and thousands of processing production and manufacturing companies



Where we see opportunity

- Increased international investment interests across Canada
- Pressure to decarbonize a multitude of sectors (adv. manufacturing, construction, etc.)
- Not just a cleantech conversation anymore
- Prioritization of clean/green energy and green-tech projects provincially and federally
- Value chain players looking to increase productivity and competitiveness through decarbonization
- Resource endowments that are foundational to attracting technologies and investments
- Cross-sectoral programming & support available regionally and nationally

BD OZ INITIATIVE

Let’s hear from a few of our clusters

- Trois-Rivières, Quebec: *BDO Zone for woody biomass - rated ‘A’*
  - Significant quantities of pulpwood and forest residue available from public forests with a likely supply guarantee.
  - A robust forest industry can provide a reliable supply chain.
- Sarnia-Lambton County, Ontario: *BDO Zone for corn stover - rated ‘A’*
  - The long-term outlook on feedstock quantity is deemed stable.
  - Key supply chain risks can be addressed with reasonable mitigation measures.

