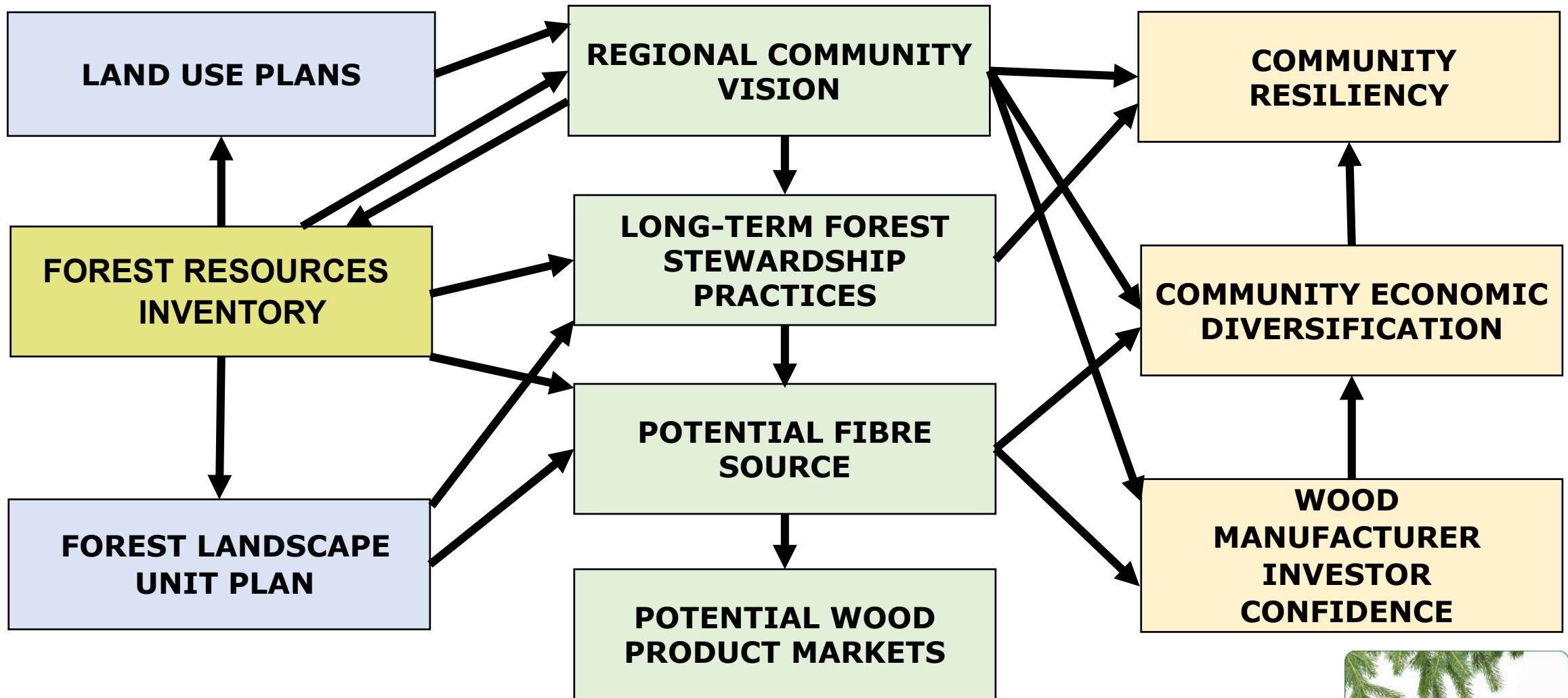


**MOVING TOWARD FOREST
DEPENDENT COMMUNITY
RESILIENCY**

**Enhanced Forest Inventory
B. Bourgeois and I. Moss**



IMPORTANT RELATIONSHIPS OF FOREST RESOURCES INVENTORY



WHAT ARE STAND AND STOCK TABLES

- S&ST are a means of classifying the structure of the stand.
- Included in the data are, distribution of trees, species, volume of wood and diameter of the stems (potential logs).
- S&ST data and classification can be enhanced through the use of satellite imagery (LiDAR) to extend the data over large areas (e.g., Forest Landscape Plan area) and through the use of stand projection Growth and Yield modelling to estimate the various stand factors over time.
- S&ST classification is a technical exercise with major benefits to moving toward community resiliency. **It is critical for communities!**



EXAMPLES OF STANDS USING STOCK AND STAND TABLES DATA

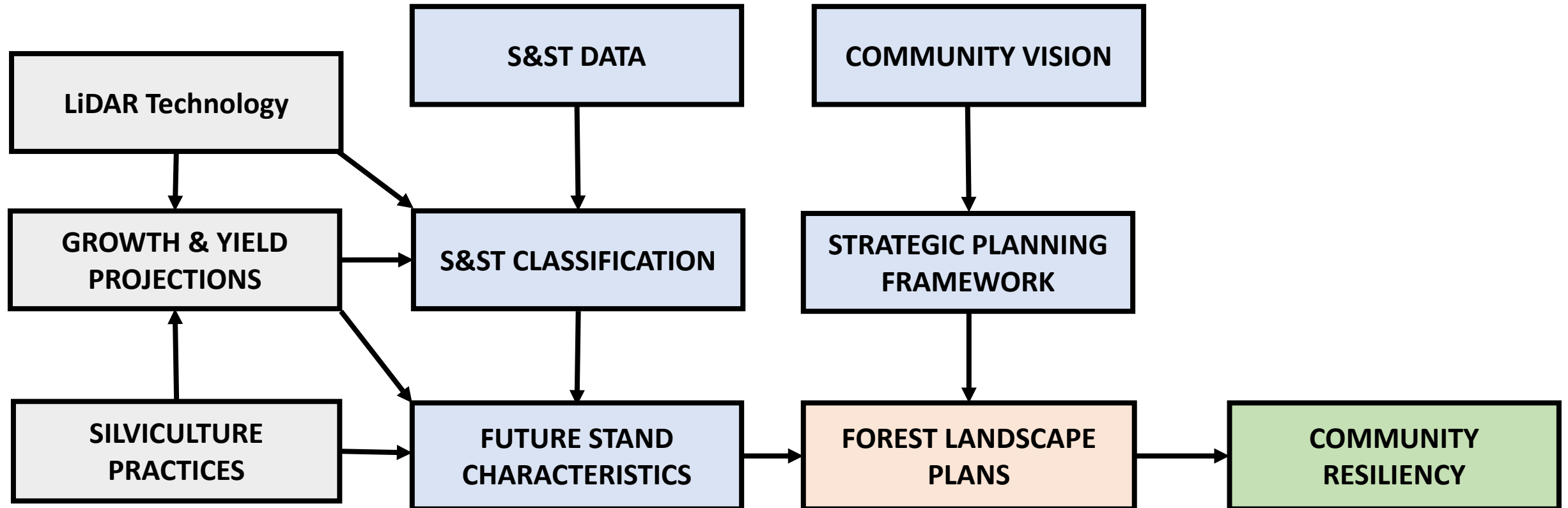


WHY AN ENHANCED BC FOREST INVENTORY

- One of the greatest contributions to achieving Government's *Modernization of Forest Policy* vision and goals is enhancing the BC forest resources inventory. The current inventory is structured to focus on timber volume from stands.
- "Government's [current] vision for the forest sector is a more diverse, competitive, focused on a sustainability sector that puts people and communities first."
- Government and community goals are to achieve community resiliency by:
 - Increasing forest sector diversification.
 - Achieving full utilization of available fibre.
 - Maintaining ecological integrity.
 - Maintaining wildlife habitat.
 - Enhancing wildfire protection.
- **Stand and stock table classification, would be a major enhancement to the current BC forest inventory and subsequently the delivery of Government and community visions and goals.**



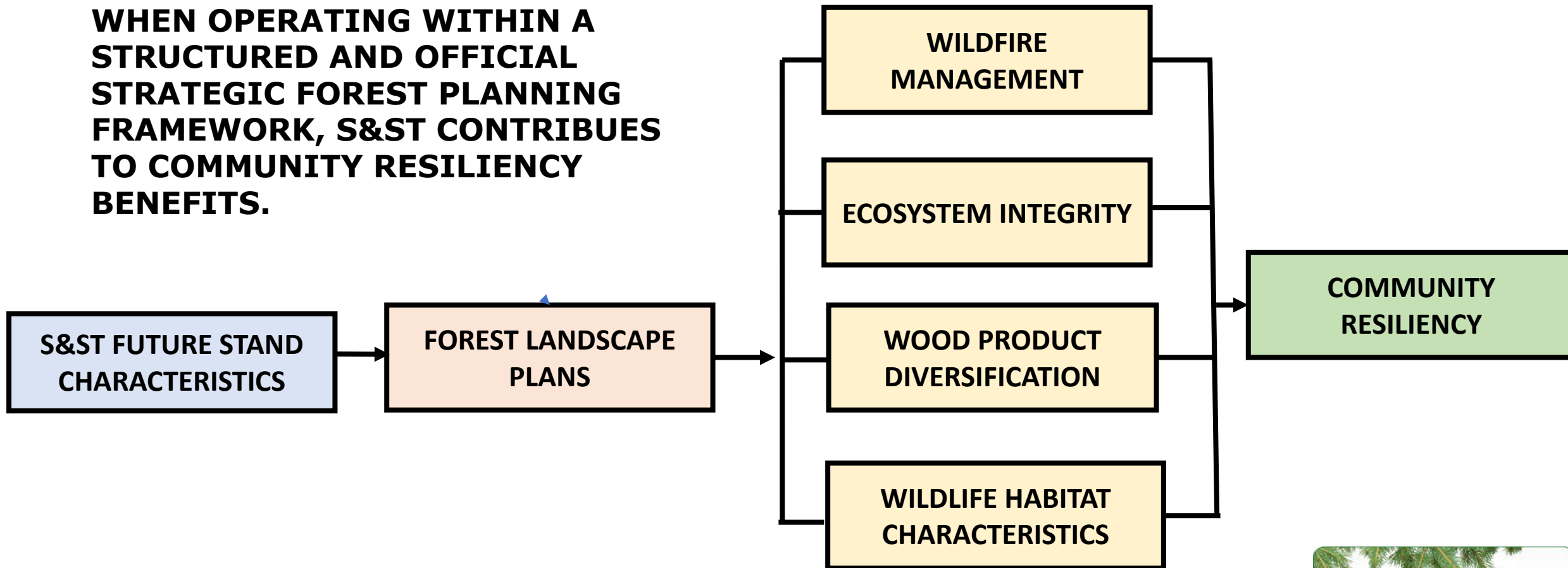
HOW STAND AND STOCK TABLES CONTRIBUTE TO COMMUNITY RESILIENCY



Application of S&ST classification & inputs must be done at the landscape level to be effective in achieving the goals.

HOW STAND AND STOCK TABLES CONTRIBUTE TO COMMUNITY RESILIENCY

WHEN OPERATING WITHIN A STRUCTURED AND OFFICIAL STRATEGIC FOREST PLANNING FRAMEWORK, S&ST CONTRIBUTES TO COMMUNITY RESILIENCY BENEFITS.



STRATEGIC FOREST PLANNING FRAMEWORK



PROVINCIAL LEGALLY BINDING PRINCIPLES, VISION & GOALS



OFFICIALLY ADOPT MANAGEMENT UNIT STRATEGIC FOREST PLANNING FRAMEWORK



Provincial land use plan

First Nation land use plan

Management Unit Vision

Community-local forest vision

Monitoring & Adaptive Management

Management Unit Goals

Scenario Modeling
(explicitly spatial & temporal)

Forest Landscape Plan

- **Resource data**
- Knowledge
- Strategies
- Ecosystem Management principles
- Regulations/policies
- Assumptions

Professional Governance Act

Operational Plans



OTHER REFERENCES REGARDING COMMUNITY RESILIENCY

- Forest inventory a foundation for community resiliency <https://www.bcforestconversation.com/wp-content/uploads/2021/01/Forest-inventory-foundation-for-community-resiliency.pdf>
- A strategic vision framework for forest stewardship <https://www.bcforestconversation.com/wp-content/uploads/2020/11/BC-forest-renewal-vision-framework-Nov-update.pdf>
- Importance of Forest Landscape Plans <https://www.bcforestconversation.com/wp-content/uploads/2022/10/FLP-Critical-to-21st-Century-Forest-Stewardship.pdf>
- Importance of community vision for local/regional strategic planning <https://www2.gov.bc.ca/gov/content/industry/forestry/managing-our-forest-resources/silviculture/silviculture-strategy-areas>
- Community influence through consultation <https://www.bcforestconversation.com/wp-content/uploads/2015/11/Influence-through-public-consultation.pdf>
- Building public confidence-A nested approach <https://www.bcforestconversation.com/wp-content/uploads/2017/11/Building-Public-Confidence-A-nested-approach.pdf>



OTHER REFERENCES REGARDING COMMUNITY RESILIENCY

- An approach to community diversification <https://www.bcforestconversation.com/wp-content/uploads/2018/01/An-approach-to-community-diversification.pdf>
- Developing an investment framework for BC forests <https://www.bcforestconversation.com/wp-content/uploads/Developing-a-Framework-for-Investing-in-British-Columbia-Forests-1.pdf>
- Building a value-added sector <https://www.bcforestconversation.com/wp-content/uploads/2017/04/Building-through-clusters-1.pdf>
- Building a value-added investment climate <https://www.bcforestconversation.com/wp-content/uploads/2022/04/Building-a-value-added-investment-climate.pdf>
- Increasing value-added wood products from BC trees <https://www.bcforestconversation.com/wp-content/uploads/2020/11/Increasing-V-A-products-from-BC-trees.pdf>
- Building knowledge about the BC forest sector <https://www.bcforestconversation.com/wp-content/uploads/2018/12/Forest-sector-video-description-links.pdf>

