



Greening the Rural Economy

How District Energy Can Work

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FVB Energy Inc



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CDEA

The CDEA is an industry association representing owners, operators and suppliers to over 120 Canadian district energy systems

The CDEA Mission:

CDEA will support the creation of a shared understanding of DE systems, increased community receptivity, and expanded industry capacity so that District Energy (DE) project implementation will be accelerated across Canada



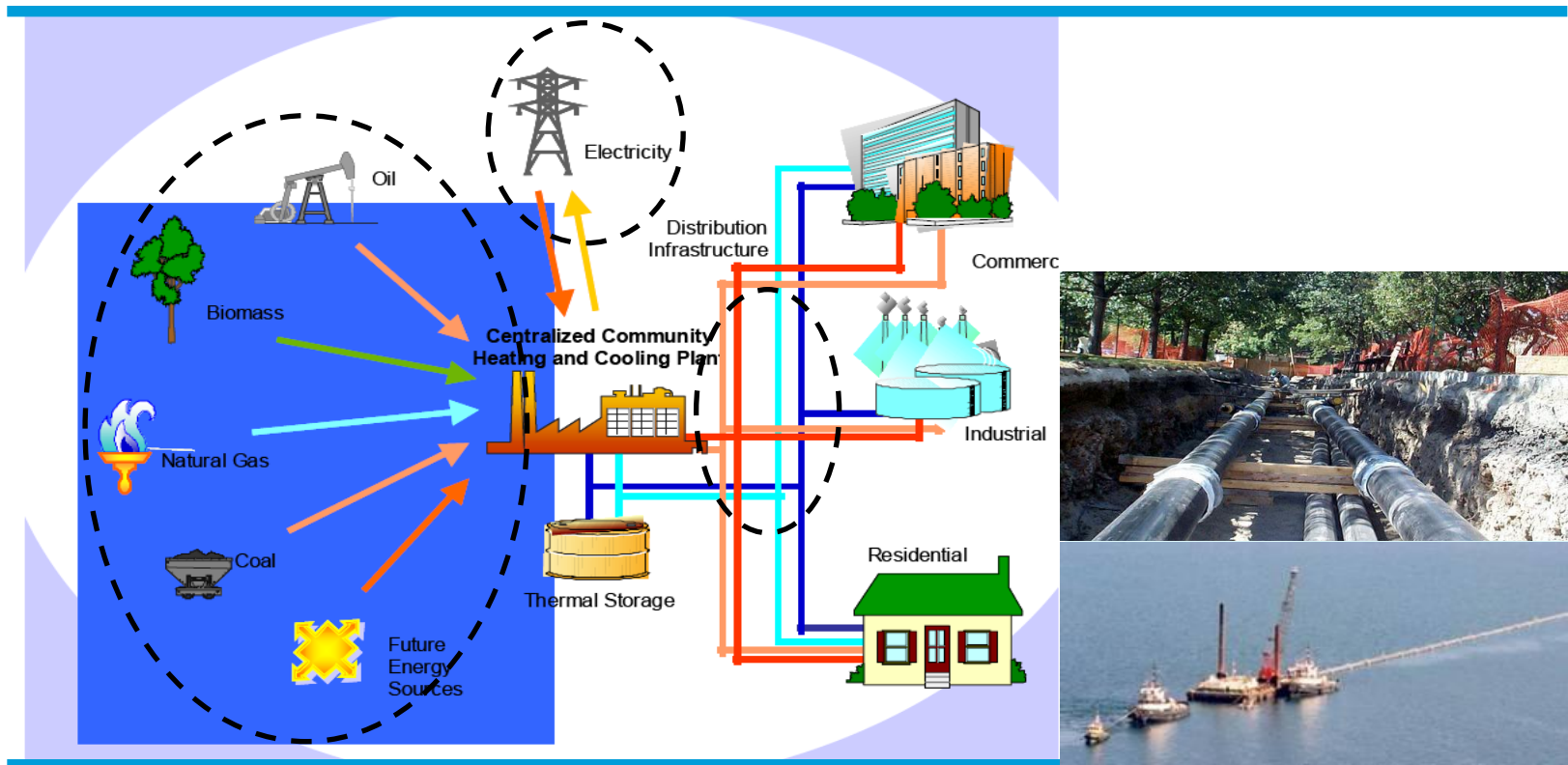
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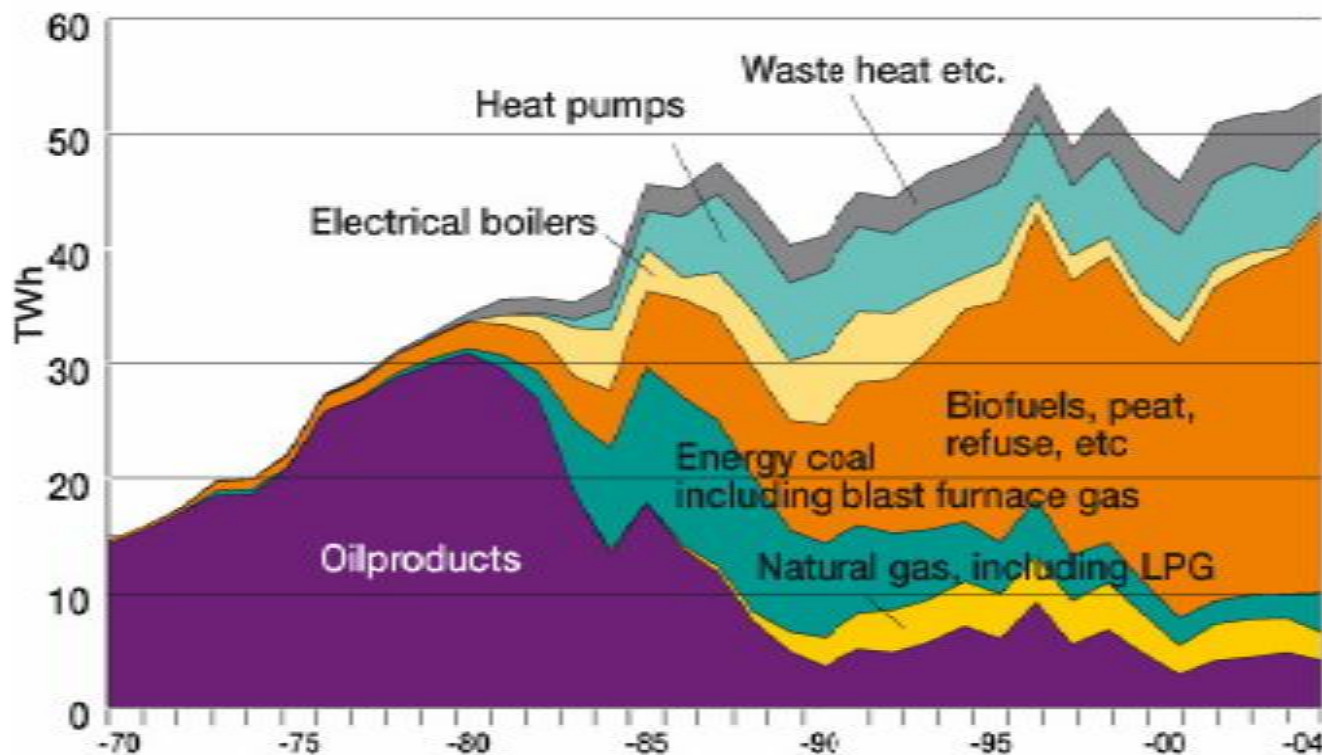
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District Energy – the “thermal grid”

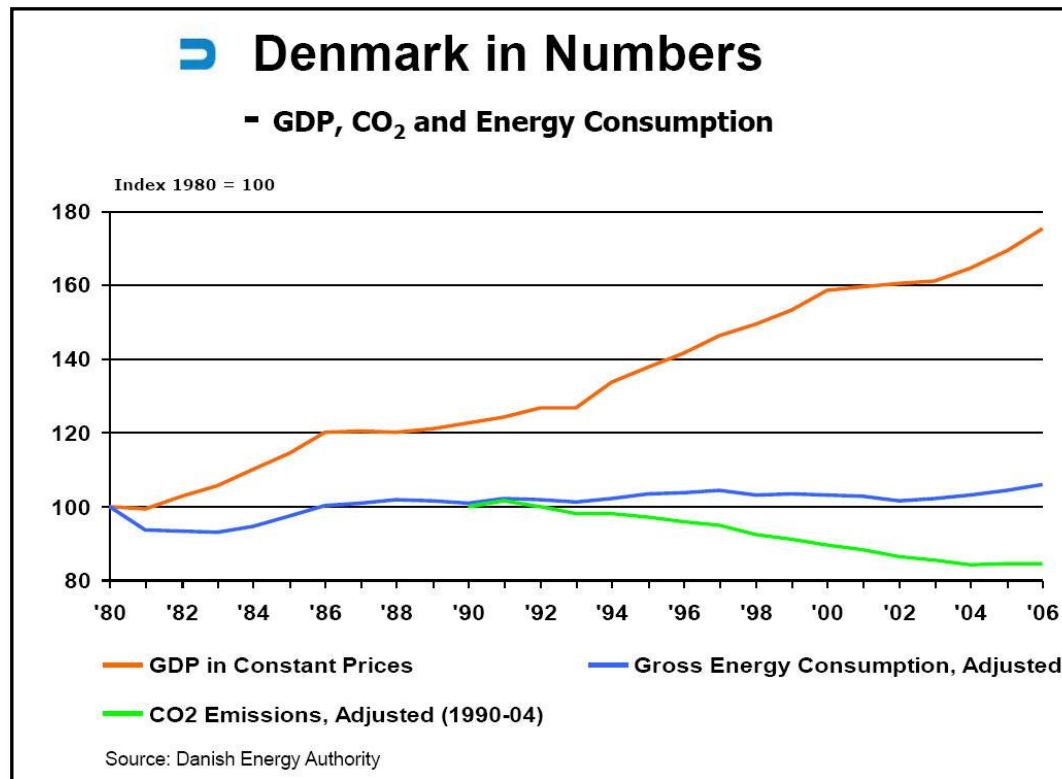


Sweden District Energy

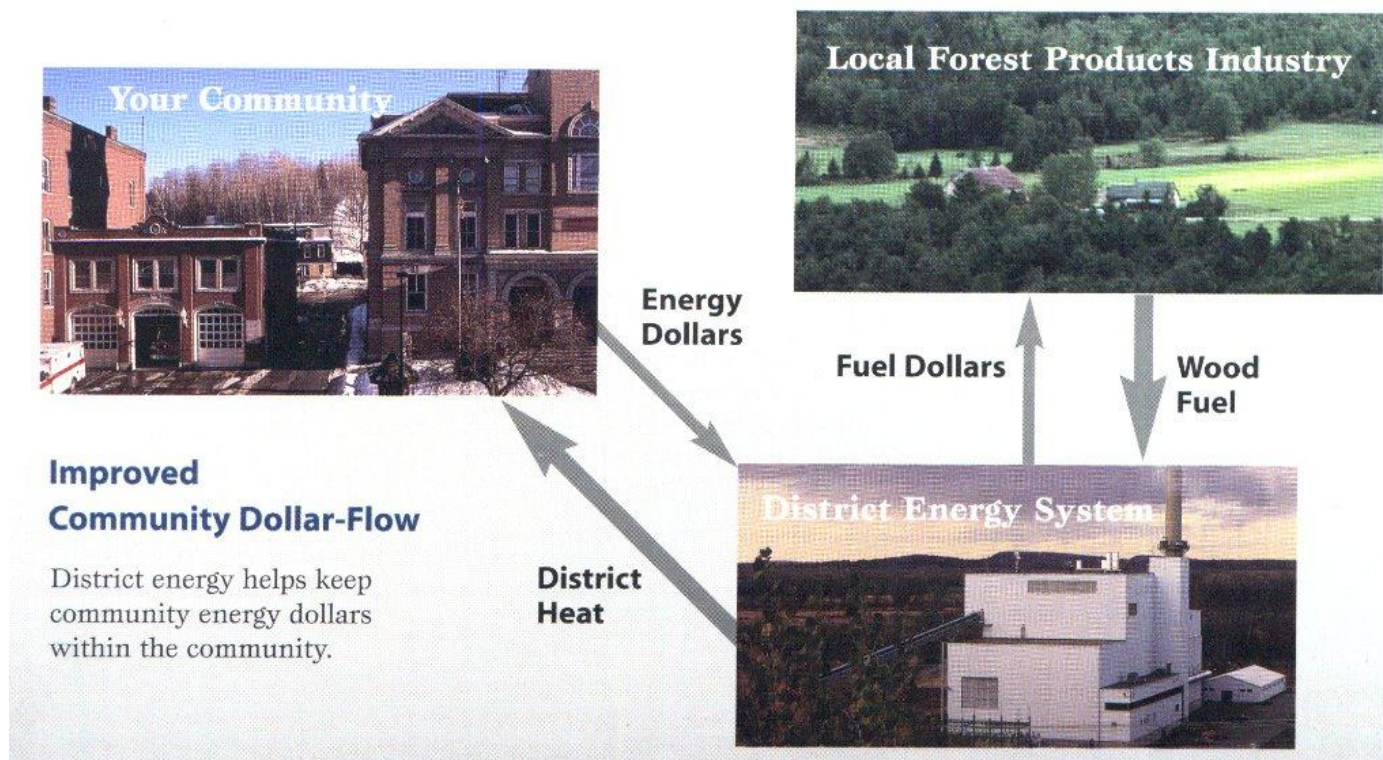




Danish District Energy



Why District Energy?

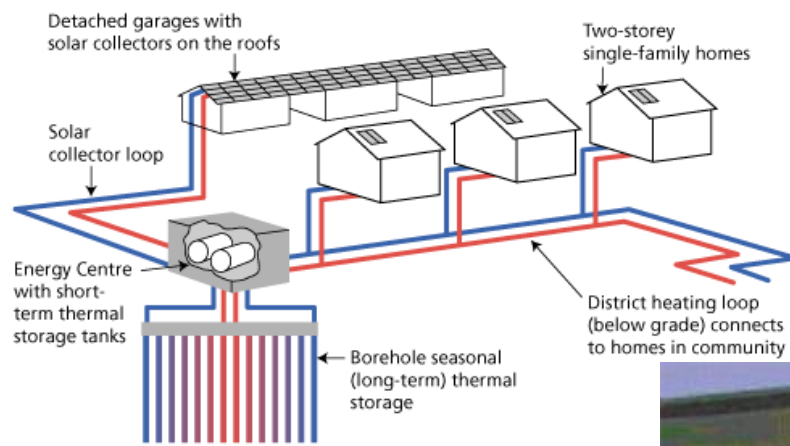




Leverage what you have!

- Residues
 - (forest, agricultural, municipal)
- Waste heat from local industry
- Geothermal
- Solar

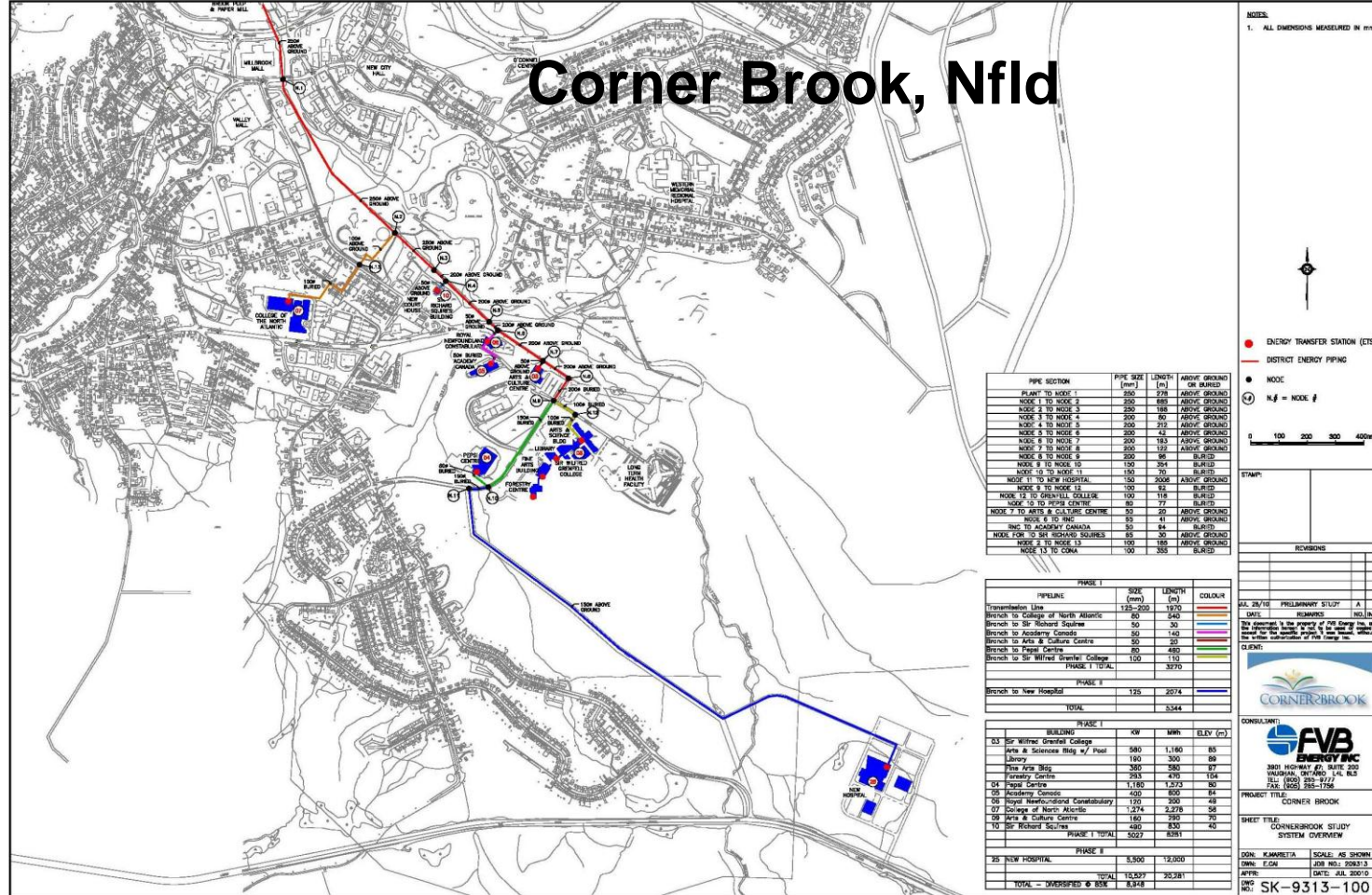
Okotoks DES (Drakes Landing)





Ouje-Bougoumou, Que





Fort MacPherson, NWT





Revelstoke, BC



Why Revelstoke Did This Project



- Residue + Propane =
 - ✓ Opportunity
 - ✓ Cleaner Air
 - ✓ GHG Reductions
 - ✓ Revenue
 - ✓ Reduced Propane

Value Proposition

- Lower Heating Costs (life cycle)
- Improved quality and reliability of service
- Improved environmental performance
- Fuel risk mitigation for the community



Lessons Learned

- Need strong leadership (Project Champion!)
- Sell the vision
- Find your Anchor Customers
- Keep it simple and get started!





Thanks!

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Canadian District Energy
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