

Economic Development and Innovation Summit: Sustaining Growth in the Nuclear Industry
 Hosted by Bruce Power and the County of Bruce
 September 14, 2016

Nuclear Industry Investment Strategy
 Table Discussion Summary

VISION: What Key Elements Should be Included in a Vision Statement

Cluster Development	Timing / Outlook	Employment & Training Opportunities	Expanding sector base / supplier network	Regional Approach	Broader Economic Development
Centre of Excellence - A nexus / centre of expertise for nuclear	Use 10 year vision	Find a way to attract people back to the region - look at trades	Isotope manufacturing / leverage off multi-products	Adopt a regional approach	Educate local land owners
Incubators to generate ideas into new products	Meet short/medium and long term needs	Attracting employment	Local suppliers to support Bruce Power	Inclusion of all relevant stakeholders	Support for schools and community
Charlotte NC - energy hub, network, different colleges, sprang up in 10 years	Focus on 5 year benchmark	Multiple job opportunities due to spin offs - services, trades, recreation, education	Realize the potential for long term benefits and the supplier	Regional context / regional	Attractive for the whole family / opportunity for spouses / welcome package
Industry serves Bruce County but Bruce Power is positioned to be the world leader in nuclear - not just at the table - Bruce County is 'the table'	Living document / potential to regenerate itself	Regional Training centres	Business approach to an industrial opportunity		Holistic approach - educational, healthcare, live work, play context

Leader in the nuclear industry - nexus / cluster development; spin off opportunities; balance - socio-economic reality	Permanent vs. transitional / commercially and financially viable / sustainable			Partnerships and collaboration critical	Collaborative/ family focused /
Be a model of something great / best practices (partnerships, community development and Bruce Power success)	Incremental changes to support long term success			Inclusive	Infrastructure to support growth
Centre of innovation and Excellence (e.g. Silicon Valley of the Nuclear Sector)	Legacy - what we are doing - leaving behind (e.g. environmental footprint we're impacting)				
	Multi-generational				

GOALS: What are the main goals that the Strategy should include?

Sector development	Employee attraction / labour pool enhancements	Broader Economic Development	Training facilities	Regional approach	Infrastructure
Nuclear specific spin offs	Local employment focus a priority	Developing local resources	Supporting/ building local schools/ education system locally	Look at all communities in County	Financial support for Infrastructure development
Centre of excellence including education/ research	Quality and quantity	Diversification and opportunities - manufacturing, engineering, restaurants etc (broad range of opportunities for families moving to the area)	Education and opportunities for youth/ young workers	look at what do we have now - people, businesses, industry - get them on board, working, contributed and feeling connected then go out...	transportation
Centre of excellence - linked with education/ training/ skilled trades	Access to training locally	Promote quality of life	Training centre/ education, skilled trades	Long lasting, collaborative relationship with communities involved	Ensure community infrastructure is in place to support the strategy
Ensure long term success of Bruce Power	Focus on permanent relocation of residents	Build broader public/ private sector synergies	Regional training centre	Consideration of how to integrate OPG and Nuclear Waste	Ensuring and improving existing infrastructure throughout the county
Increased supplier investment locally	Increased local labour pool (skilled trades)	Increased awareness of sector/ opportunities		County investment	

Business retention/ succession planning	Appropriate skilled workforce to support the strategy	Ensuring necessary services are in place		Understanding what surrounding municipalities have to offer	
Build local businesses as nuclear suppliers	Youth/ young worker attraction	Population spending money locally		Benefits should encompass entire regional area	
Canadian Centre of Excellence - hub, nexus, technology centre	Employment attraction	Integrated into broader economic development strategy			
New nuclear build					
Nuclear is at the centre, there is much more around it					

KEY ACTIVITIES: How will we achieve our goals?

ONGOING: Advocacy, marketing, awareness, education, promotion, one-window coordinated approach, ongoing stakeholder/ community engagement

SHORT TERM

Engagement / Education	Infrastructure Development	Inventories & Needs Assessments
Get the right people engaged upfront	Compile information on available grants/ resources for regional development	Inventory of building, lands, infrastructure across County / how much of existing assets can be
Educating youth for trade skill opportunities	Regional broadband connectivity	Housing opportunities
Engage / collaborate with union representatives	Ensure basic infrastructure/ supports are in place / improved where required	Data collection up front - demographics etc.
Engage youth and aboriginal community	Explore options/ opportunities for existing infrastructure (e.g. Bruce Energy Centre)	Review/ revisit planning/ zoning
Engaging educational institutions and training centre	Review airport opportunities / how airport can support growth/ recognize local assets and build on them	Look at existing skill set of regional population; regional workforce - identify gaps
Engaging school boards; other educational facilities		Document supply and demand needs (and share this) - develop a targeted marketing plan for suppliers we want to attract / list of suppliers
		Identify potential risks/ concerns / barriers to success
		Develop local procurement policies to encourage location and ensure local support)
		plan out infrastructure needs and asks

MEDIUM TERM

Investments	Workforce Development	Infrastructure / Services	Broader Economic Development
Remain leader in the area - ongoing investments in technology	Focus on apprenticeship opportunities in the region	Needs documented/ plans ready to implement	Focus on quality of life
	Education systems in place for increased labour force	Residential developments ready to go	Managing employee relocations and spousal employment
	Establish regional training centre	Ensuring services are ready and available to support growth	
	Better align local educational curriculum with nuclear industry	Execution of Municipal Infrastructure Plans	
	Succession planning through education - understand long term workforce needs	local integration of supply chain (assembly, non-production)	
		Review and further develop local ports	

LONG TERM

sustainable, diverse economy

ready for 2064 and beyond - new build?

MEASURING SUCCESS: How will we know we have been successful?

- population increase
- youth retention
- increase housing
- increase small businesses
- Training facilities
- exit strategy completed
- increased income levels/ median income
- diverse businesses opened/ in operation
- spin off businesses created (multiplier effect)
- more Bruce Power suppliers with a local presence
- regional training centre located in the County
- 20% of workforce are apprentices
- there's a starbucks in the county
- retention of new employees (employees relocate and remain in the area)
- reduction in gap between low and high income classes
- increased literacy rate
- decrease in unemployment rate
- youth returning to Bruce County to work
- broader tax base
- a Centre of Excellence is in operation