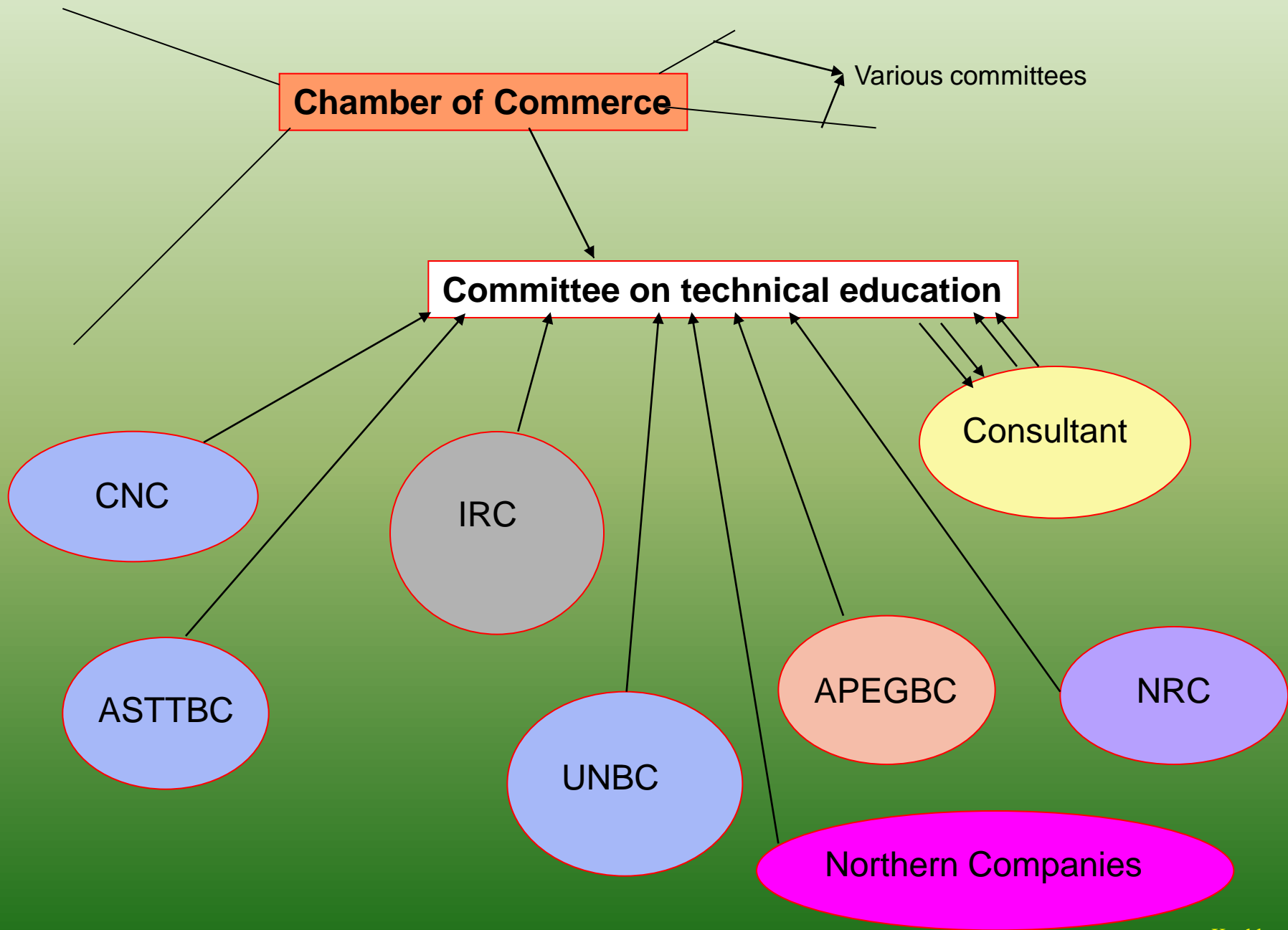




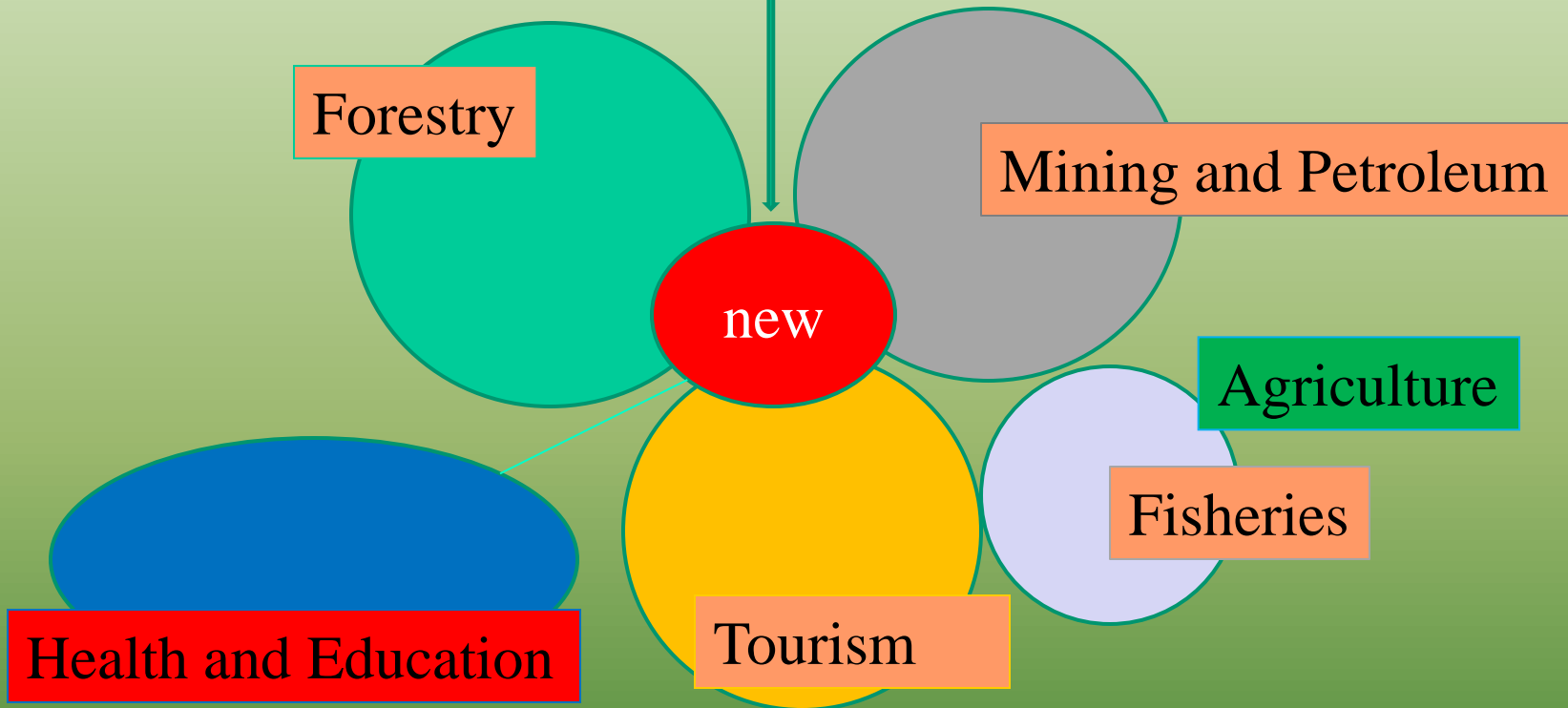
# ***NTES***

Northern Technology & Engineering  
Society of British Columbia

**Membership Meeting**  
**November 17, 2010**



# Technology and Knowledge based Economy



Let us develop more from within, based on knowledge and education.

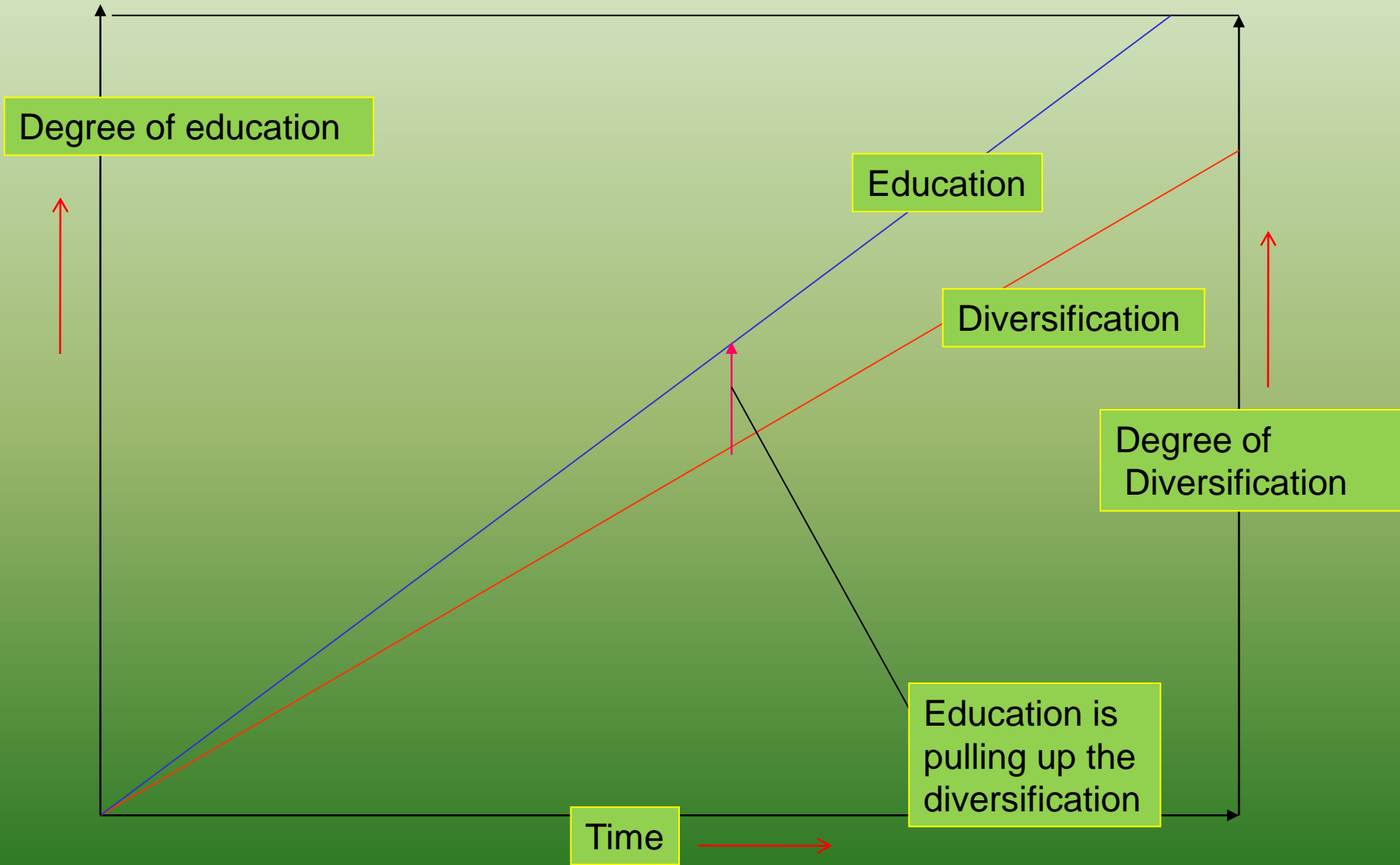
# Applied Technical and Engineering Education Consortium

**Mission Statement:** To explore and advocate technical education, as well as to assist with it's implementation in the North for the North

**A TE EC**, [www.ateec.ca](http://www.ateec.ca)

# Member Organizations

- **Telus, BC Hydro, Wolftek, Noratek, Del-Tech Manufacturing**
- **Canfor Pulp Ltd., All North Consultants, McElhanney Consulting**
- **Terra Cognita Software**
- **GLC Controls Inc. and many others**
- **Prince George Chamber of Commerce**
- **PG Construction Association**
- **PG Airport Authority**
- **Association of Professional Engineers and Geoscientists**
- **Association of Science Technologists and Technicians of BC**
- **National Research Council**
- **Innovation Resource Center**
- **Ministry of Transportation**
- **School Districts 28, 57 & 9**
- **North East Native Advancing Society**
- **First Nations Technology Council**
- **Northern Lights College and Northwest Community College**
- **College of New Caledonia**
- **University of Northern BC**



## Technologist and Engineers for the future

- To sustain current development
- To be available for future development
- New mines and mine expansions
- Exploration, oil and gas, etc.
- Prince Rupert Port (expansion, etc.)
- Bio-energy projects
- New technology, forestry and pulp & paper
- Transportation, roads, surveying, etc.
- **New developments and innovation**

## Quotes out of Magazines, as well as from Individuals

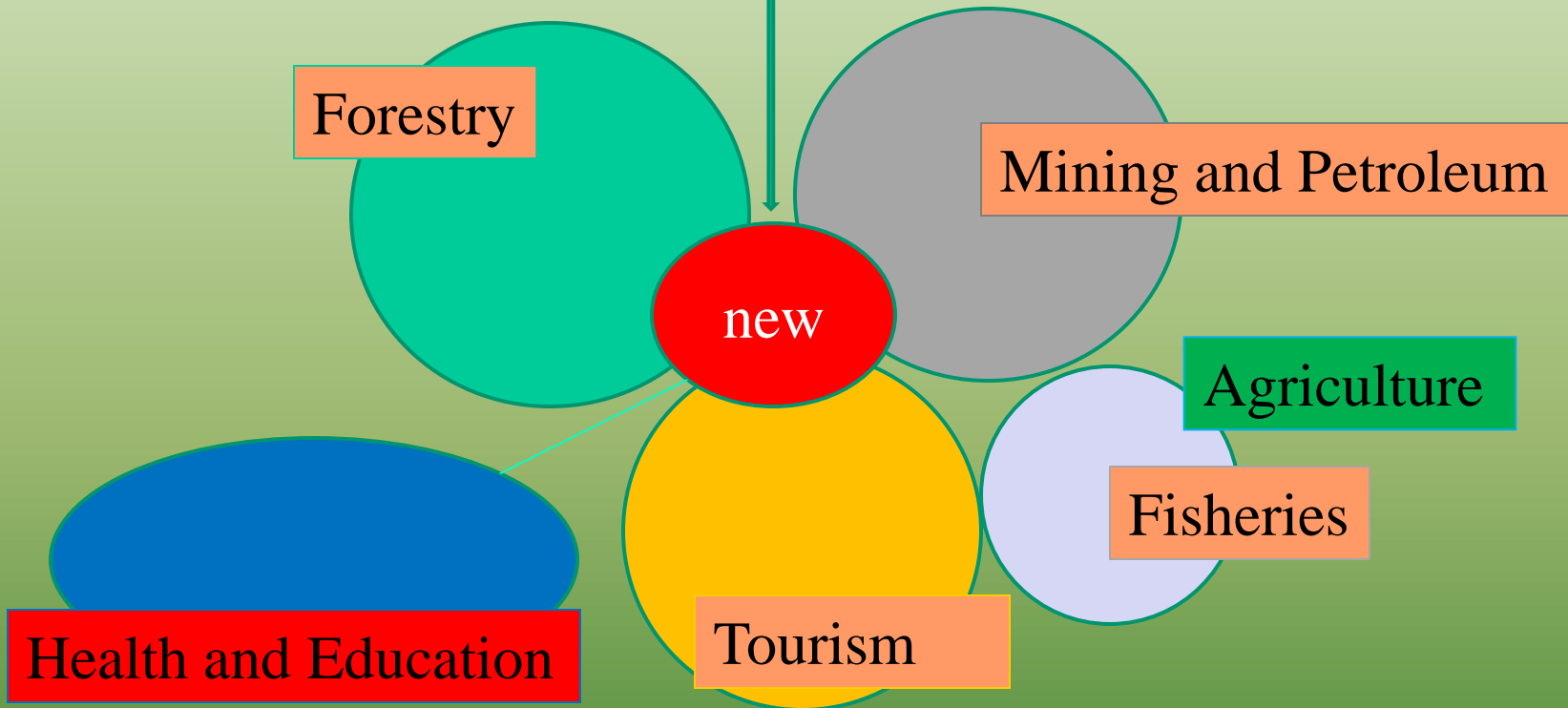
- **To remain competitive, education and worker training strategies must be at the top of the national priority list (BC Business).**
- **Establish a High School and Technical Education Partnership Initiative (BC Business).**
- **Education is not a cost center, it is an investment.**
- **Premier of BC: Education is the key to our economic future.**  
**Let us add value to our products (Feb. 20, 2008 in Vancouver)**
- **Our resources should be one side of it (the economy), and we should be developing new and different things for the other side of it (Mayor of Quesnel).**
- **Our goal should be to have a higher or better educated work force. Diversification follows education, so does health (ATEEC).**



# AITEEC Time Line

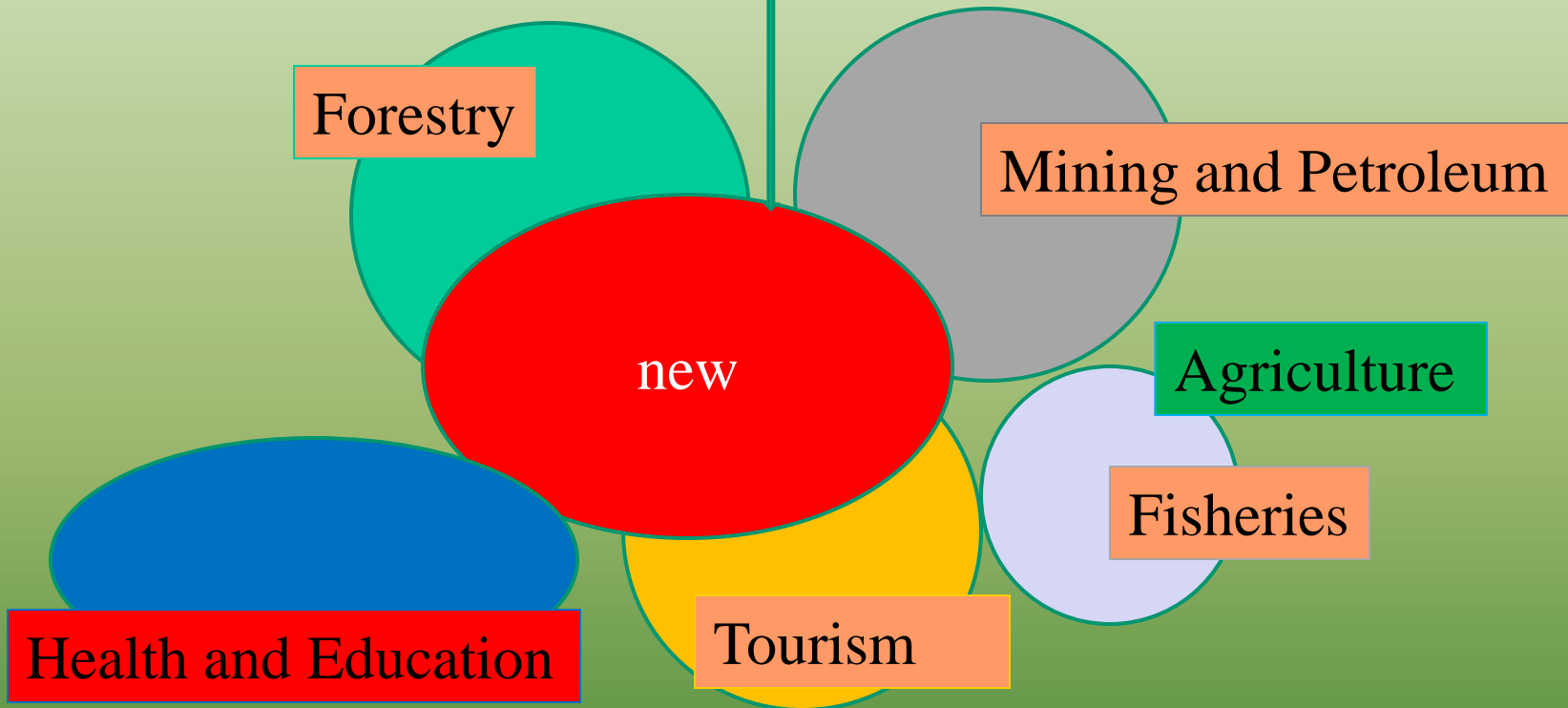
- Mid to End of July: Presentation to elected officials
- Fall 2008: Labour needs report available
- Establish sub-committee to study type of technology/engineering to be delivered
- Work with CNC and UNBC regarding program implementation

# Technology and Knowledge based Economy

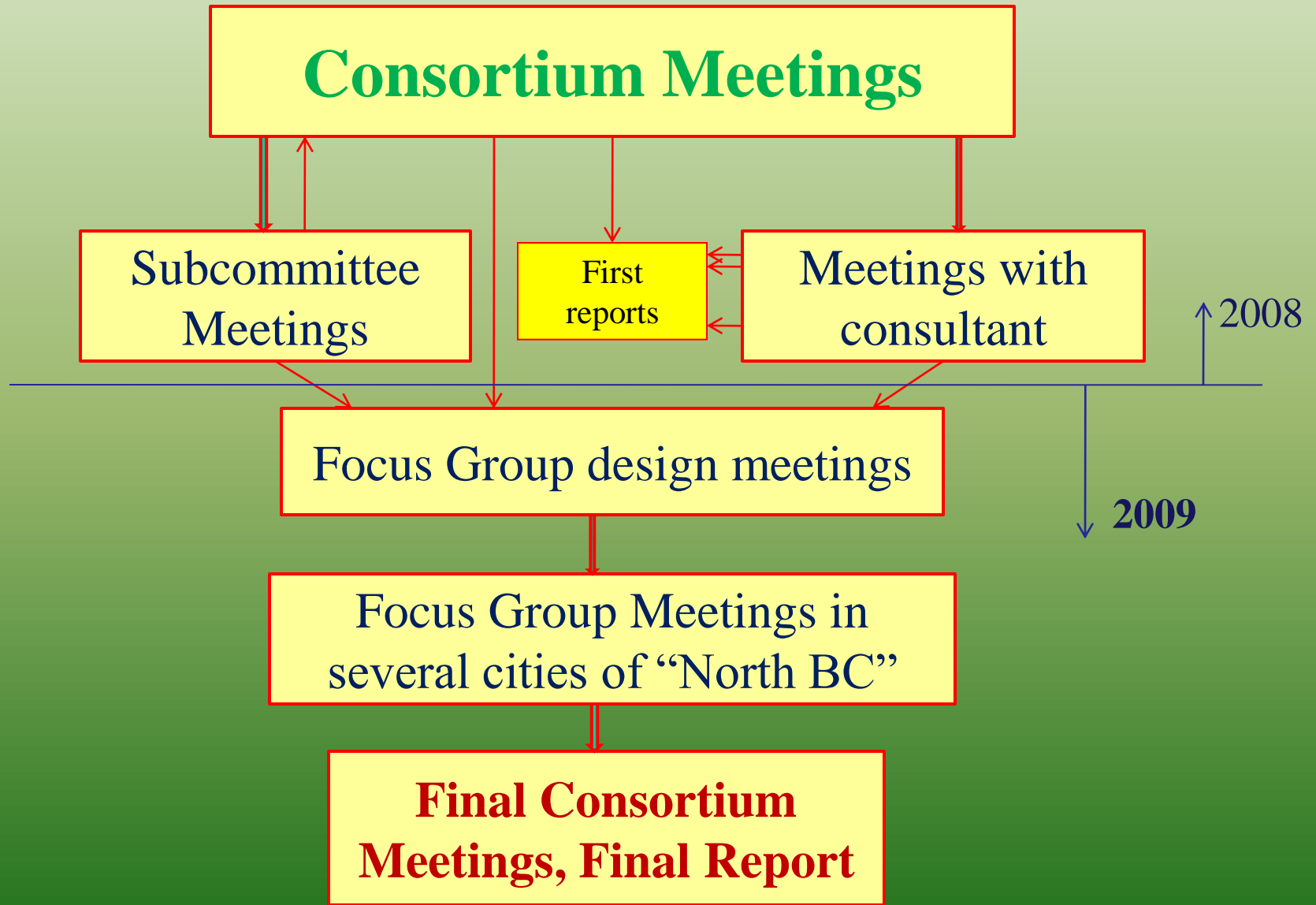


Let us develop more from within, based on knowledge and education.

# Technology and Knowledge based Economy



Growing knowledge base, better educated work force,



# Focus Groups to Validate the Reports

Focus Group Meetings took place in: (2008)

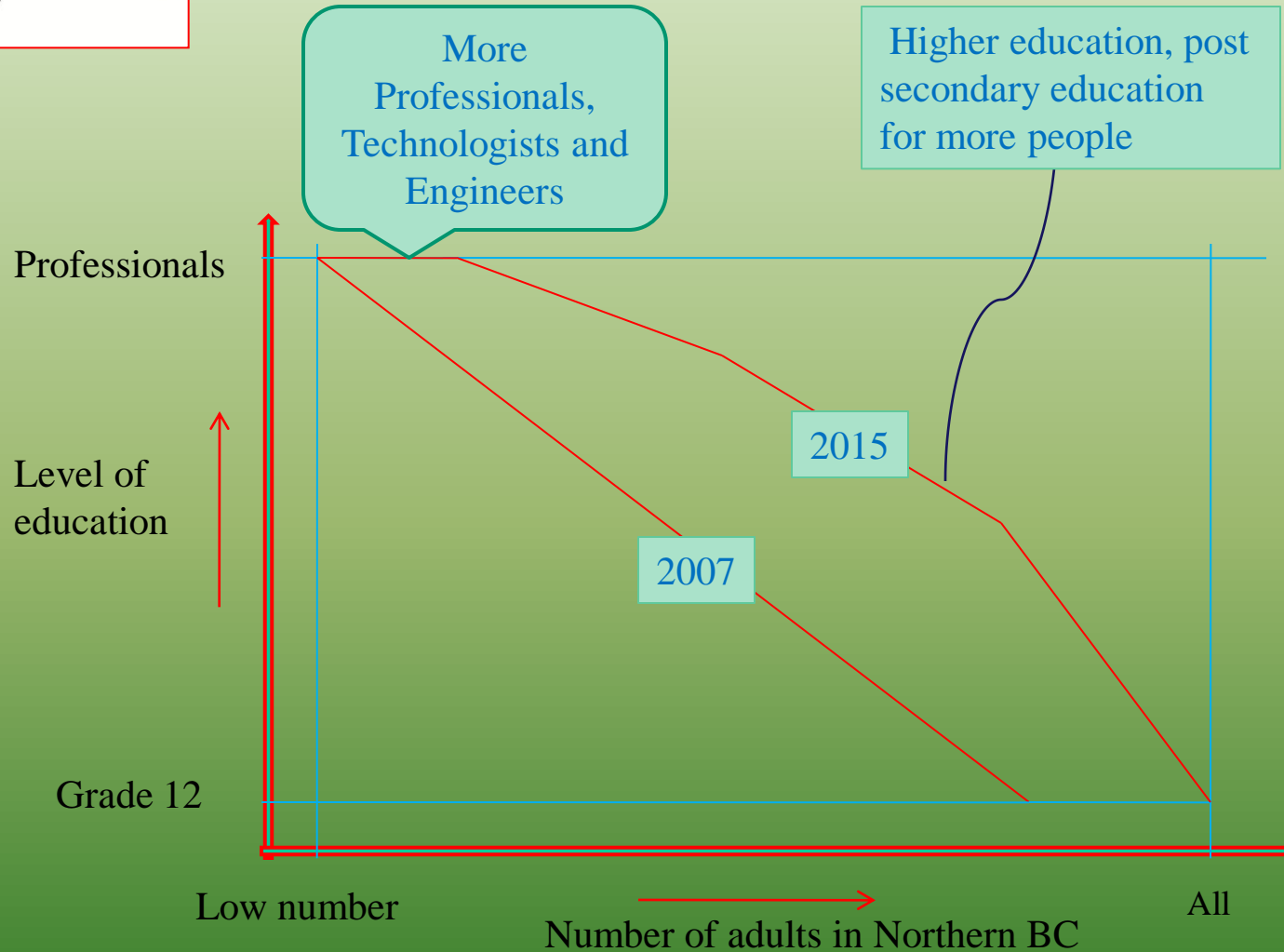
- Prince George (2 meetings)
- Burns Lake
- Smithers

Focus Group meetings are still scheduled in:

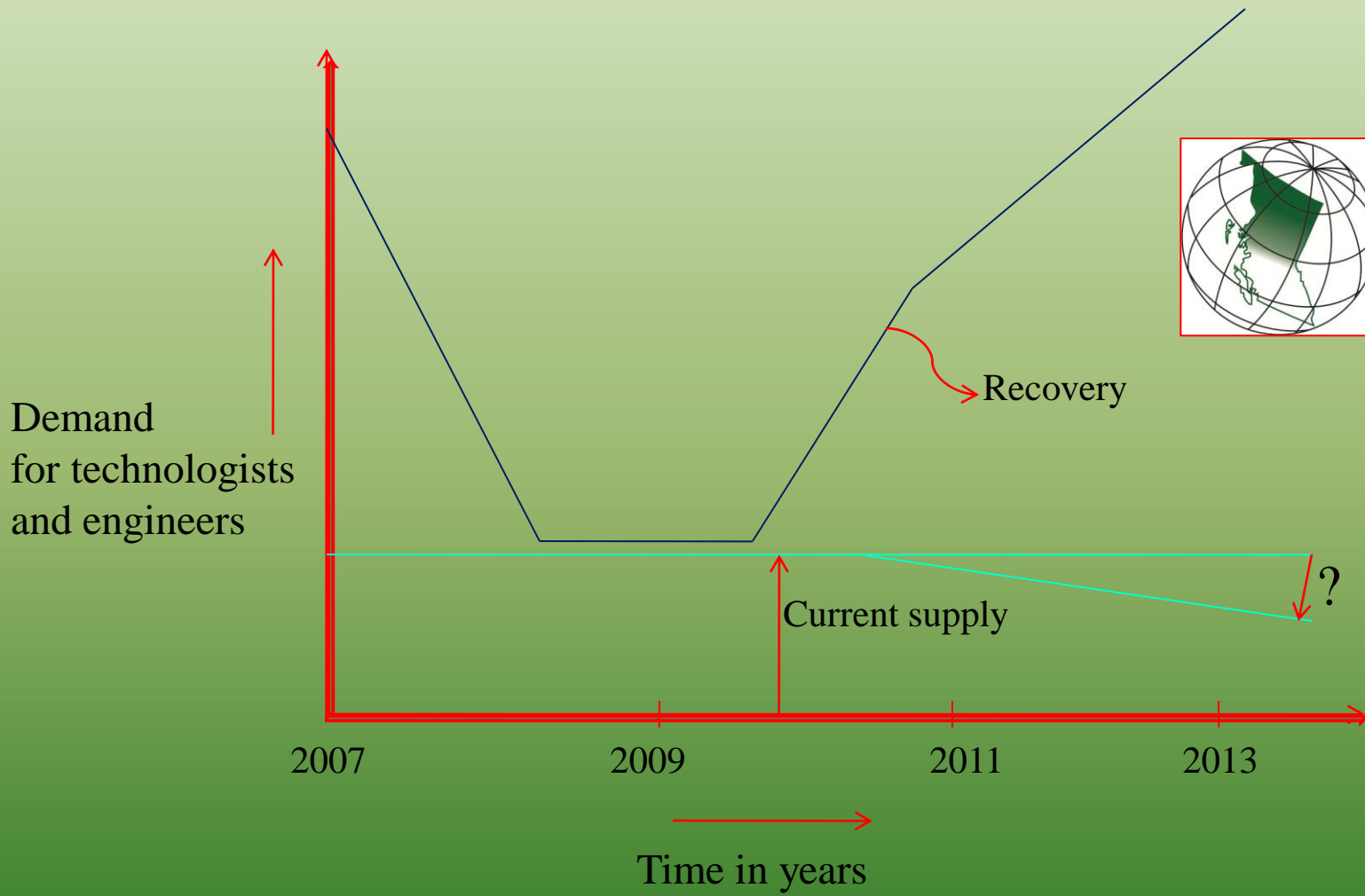
- Terrace (January 2009)
- Prince Rupert
- Dawson Creek
- Quesnel
- Fort St John
- Williams Lake

## Unedited Comments of participants who attended the focus groups

- Needs might be large because the North does not graduate certain occupations, while the labour market projection shows high demand of graduates for these occupations in the north
- Economic downturn may take only 2 years but to train an engineer, it takes many more years. The problem is not going away. When the economy picks up the need for these occupations will still be there
- Focus needs to be on engineers and technologists
- UNBC should look into a program that allows technologists to become engineers
- The college drafting program was well used in the Northern industry – now where it is gone there is a void that is being felt
- The cost of taking an education away from home makes it prohibitive for many people



# Demand for Engineers and Technologists





# Where is NTES and why

