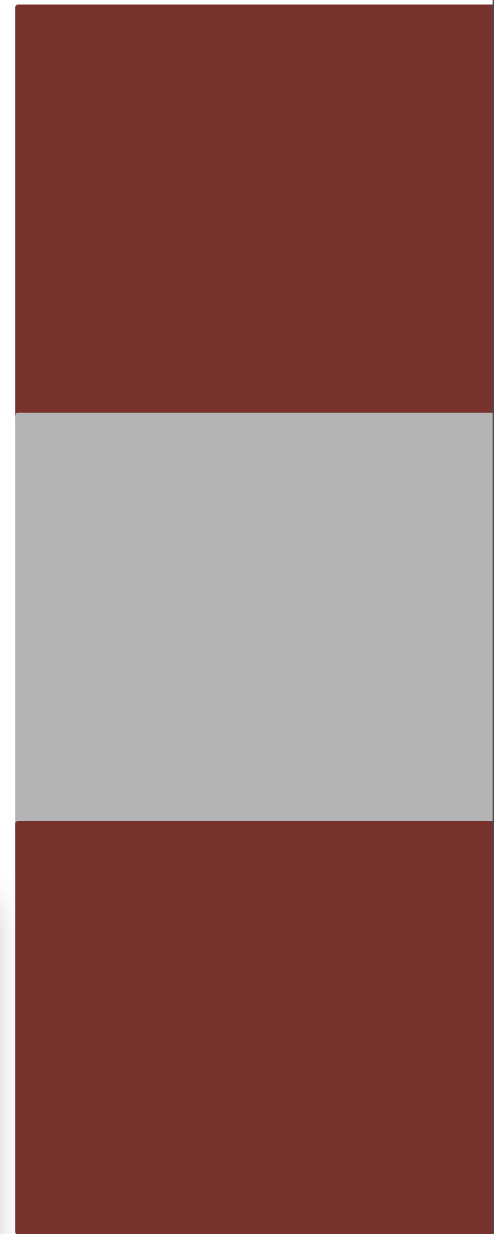


SKILLED TRADES EMPLOYMENT PROGRAM



# 1<sup>st</sup> View/ Economic Forecasting

January 20, 2011



# 2006 – The wake up call

Shortages of skilled construction workers impacting:

Productivity

Build Quality

Deadlines

Safety

SKILLED TRADES EMPLOYMENT PROGRAM



# Projected Demand 2011-2017

- For British Columbia 33,000 - 35,000
- For VI (20%) 6,600 - 7,000
- In the pipeline on VI – 4,034 apprentices  
minus 43% attrition

2,299

---

projected demand by 2017

$$6,600 - 2,299 =$$

4,301

SKILLED TRADES EMPLOYMENT PROGRAM



# Apprenticeship Revisited

## Canadian Apprenticeship Forum Research:

### Costs and Benefits

1000 employers across Canada

18 trades

Small employers and large



# Research Outcomes

## Costs

- Wages and benefits
- Opportunity costs
  - journeyman time
  - material wastage
- Disbursements
  - training
  - wages during training
- Administration

## Benefits

- Required support decreases over time
- Journeymen are more productive when they have apprentices
- Charge out rates increase over time
- Homegrown trades people were 29% more productive



1000 employers across Canada

ROI = \$1.56

