

3 Sustainability

Summary of Proposals

This panel summarises the main elements of the sustainability strategy for East Fraserlands in relation to social, economic and environmental objectives. Some elements of the strategy are evident at this stage of the planning process while others will require more detailed work.



Economic Sustainability

- **Employment and Business opportunities:** Local job and business opportunities will be created through the office, commercial, retail, light industrial and institutional uses incorporated into the development. Close proximity to business/industrial areas in Burnaby also offers employment options.
- **Live/Work:** A range of live/work premises will provide opportunities for small businesses and reduce commuting.
- **Construction:** The construction of the development will provide Employment and skills training opportunities.



Social Sustainability

- **Housing diversity:** Provision of a wide range of housing types for people of all ages, incomes and abilities.
- **Affordable housing:** Provision of 20% of the housing as subsidised, non-market housing affordable to people on low incomes.
- **Seniors housing:** Opportunities for housing suitable for seniors to allow people to remain in the community as they age and their housing needs change.
- **Recreation:** Provision of a Community Centre for indoor recreation, cultural and educational opportunities and parks for outdoor recreation.
- **Education:** Provision of two school sites within East Fraserlands. A third school site exists in West Fraserlands.
- **Childcare:** Provision of childcare facilities within East Fraserlands.
- **Health:** Opportunities for local health facilities.
- **Local food:** Opportunities for local food production and community gardening.
- **Crime prevention:** The community will be designed according to the principles of Crime Prevention Through Environmental Design (CPTED).
- **Universal Design:** The public realm (streets, sidewalks, parks etc) will be designed to be accessible to people of all ages and abilities.
- **History and Continuity:** The architectural character of buildings and the public realm, as well as public art features, will celebrate The site's industrial history.



Environmental Sustainability

- **Compact, 'brownfield' development:** The development will clean up and reuse a contaminated 'brownfield' site in a compact and efficient way; reducing pressure for urban sprawl and conserving land for agriculture, forestry and wildlife in less central parts of the region.
- **Mixed land use:** The development provides opportunities to live, work, learn, shop and play on site; reducing the need to travel for day-to-day activities.
- **Transit:** The development will be served by transit facilities to reduce use of the private car.
- **Walking and Cycling:** The development is designed to encourage walking and cycling, and discourage driving for local trips.
- **Ecology:** A range of measures are proposed to restore and enhance wildlife habitat on the site and connections to the surrounding area.
- **Alternative energy generation:** A community-wide energy generation system based on renewable sources is being investigated.
- **Green Buildings:** All buildings will be required to meet the City's green building standards.
- **Energy and water efficiency:** Detailed strategies will be developed to minimise use of energy and water in buildings and landscaping.
- **Waste management:** Detailed strategies will be developed to reduce waste materials through reuse, recycling and composting.
- **Innovative Stormwater Management:** Stormwater will be collected and cleaned using a network of watercourses and wetlands prior to release into the Fraser River.

