

BikeLinks - ECCE App Challenge 2026

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Statement of Characteristics

BikeLinks was created to fill a gap in readily available information regarding bike-transit commuting in Metro Vancouver. It provides detailed information for each SkyTrain and SeaBus station in the TransLink network, including a bike integration rating, which was created to critically observe the quality of bike-transit integration at each station on a scale of one to five. This bike integration rating is calculated using four unique criteria, specifically selected to reward the ease of and options available for transitioning from transit to biking or biking to transit at each SkyTrain station.

As a user, BikeLinks ultimately acts as a decision support tool, providing a unified resource to aid commuters choose the best stations for a seamless travel experience across Metro Vancouver. With our app, we hope to encourage more transit users to incorporate bikes, and cyclists to incorporate transit into their journeys. Simultaneously, the app also serves as a platform to encourage TransLink and Metro Vancouver municipalities to provide better integration between cycling and transit in the region.