# Bi-directional: the good, bad and glorious

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| Retrofitting cycleways into existing streets requires a delicate composition of the street environment. The Christchurch Major Cycleway Routes have been expanding and introducing a range of cycle facility typologies into a design toolkit. These tools have been used in various contexts across the cycleway network. To successfully retrofit a high-quality facility, we need to make bold moves and tell a strong story in order to achieve a great outcome with minimal compromise.  Bi-directional cycleways are often a controversial tool in the optioneering of cycleway design. These facilities are thought to be unknown, unsafe and of a lower quality. After studying in the Netherlands and being a part of the development of cycleways in Christchurch I have watched closely how these facilities are used. Through observations and experience in both contexts I have a new appreciation for the benefits that they offer.  I will bring my experiences of using these facilities in the Netherlands as well as at home in Christchurch to the presentation. I will discuss the benefits of using these types of cycle facilities and demonstrate reasons why the bi-directional facility should be in our cycle facility tool kit. |