



NZ TRANSPORT AGENCY
WAKA KOTAHI

Green Procurement

The New Zealand experience

Carl Reller, Environment & Urban Design Manager

Case study: Waterview Connection

largest construction project in NZ's history

\$2B

45 km western ring route

2x3 lane tunnel 4.8km

1.3M m³ earthworks



The Waterview Connection Application includes the work to extend SH20 and the capacity improvements to SH16 to Te Atatu.

Image 2 of 8

Green contractual incentives

Alliance contract

0.5% non-cost performance remuneration (\$5M)

Key Result Areas (5)



The Western Ring Route RoNS project connects SH20 with SH16 at the Great North Road Interchange and includes capacity improvements along SH16 from St Luke to Westgate.

Image 3 of 8

KRA 1

ASPECT

stakeholder relations

WEIGHTING

25%

OUTCOME

satisfied, informed, no obstacles

WHO/WHAT

local government, local transport authority, utilities

KRA 2

ASPECT

neighbourhood interaction

WEIGHTING

25%

OUTCOME

satisfied, informed, no obstacles

WHO/WHAT

business, schools, private individuals

KRA 3

ASPECT

traffic management

WEIGHTING

20%

OUTCOME

minimum delays, journey times, peak congestion management, suite traffic management, safety for all modes

WHO/WHAT

local arterial roads, vehicle road users, pedestrians, cyclists

KRA 4

ASPECT

environmental

WEIGHTING

15%

OUTCOME

environmental protection, judgement of regulatory authority, leaving environmental legacy, enhancing environment

WHO/WHAT

water courses, coastal marine area, air quality, noise

KRA 5

ASPECT

visual

WEIGHTING

15%

OUTCOME

cost effective implementation of urban design framework

WHO/WHAT

noise walls, aesthetics, landscaping, architectural structural design



New Zealand Transport Agency

Carl Reller
carl.reller@nzta.govt.nz