

The inclusive cycling game!

MRCagney

Experience the world from the perspective of a disabled person who cycles.

The cyclists are travelling from home to the medical centre via the café. Along the way, they face issues that impact them differently depending on their disability and type of cycle.

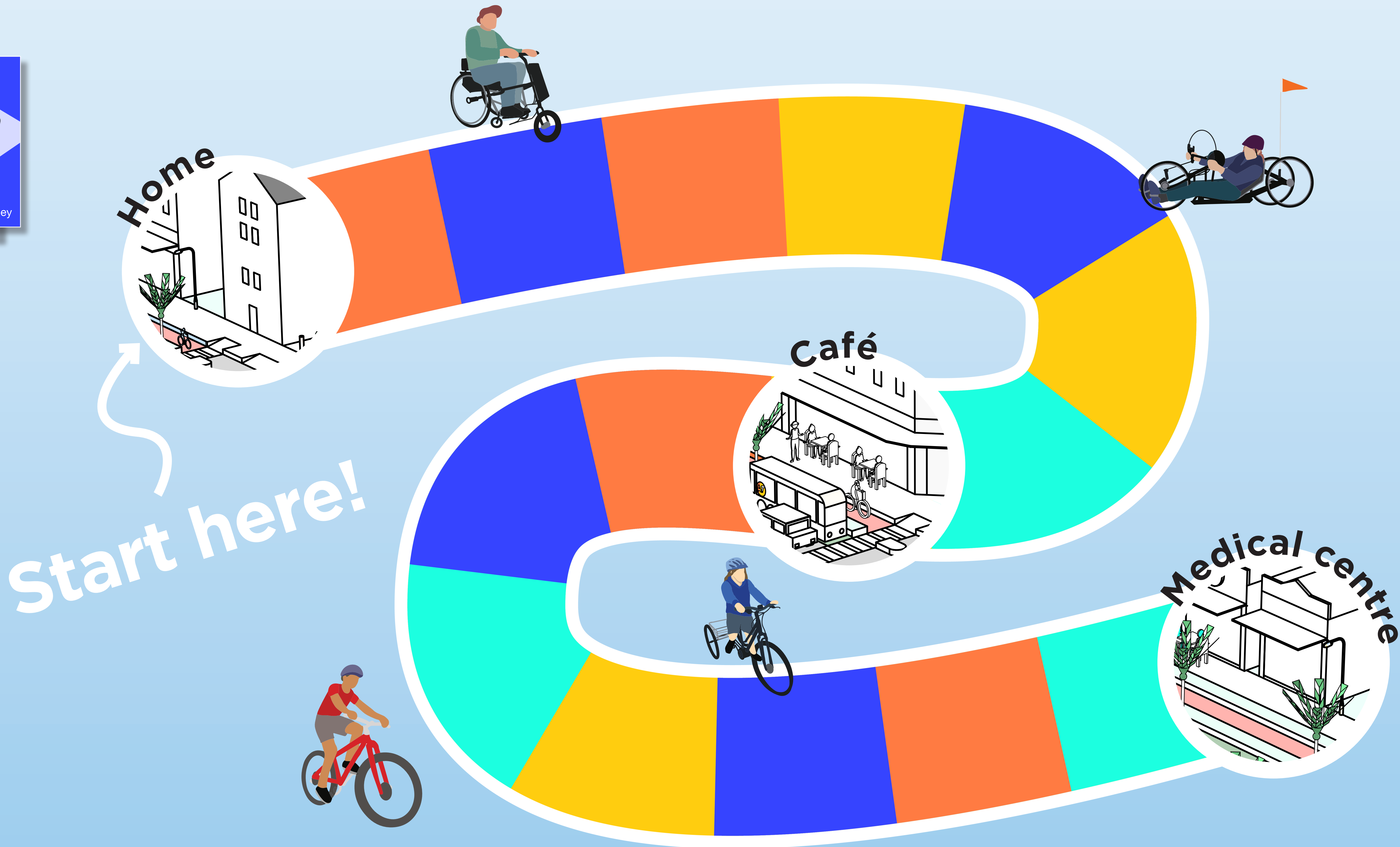
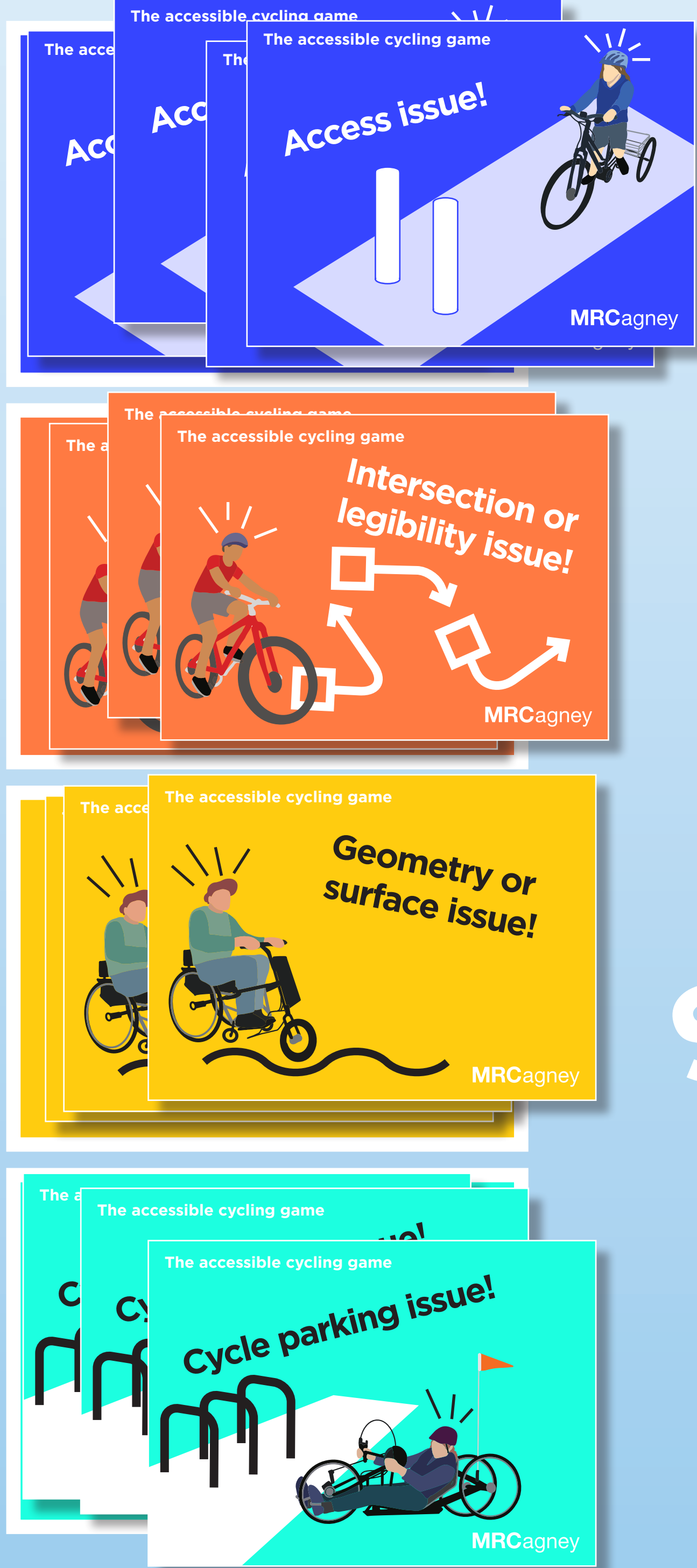
How to play:

Get to know your persona. What are their mobility needs?

Roll the dice to move along the game board.

Take an issue card from the stack that is the same colour as the space you landed on. Can your character navigate the issue they've come across?

Issue cards



Start here!

Legibility issue!
Temporary cycleway closure! There is a detour marked, but it looks convoluted. Do you think you can find your way?

If so, you continue on toward your destination.
If not, sit out one turn while you call a friend to ask how to get around the obstacle.

Access issue!
There is a protected cycleway ahead but it's just 1.1m wide. Can you squeeze through?

If so, continue on unimpeded.
If not, go back two spaces. You'll need to take a detour on quieter streets.

Cycle parking issue!
You have arrived to find standard Sheffield stand cycle parking, with just one spot in the middle free. Can you get your cycle in there and lock it securely?

If not, sit out one turn as you're delayed by taking a trip around the block looking for a better place to park.

Surface issue!
There's a severe 5% crossfall on the path ahead. Will it tip you over?

If you can stay upright, keep going.
If you tip over, you crash and need medical attention. Go back home to rest up.

"When I cycle, I know I need to follow the white line on the side of the road. If that line is gone I get confused about where I should be"

Meet Tara.
Tara has Down syndrome. Some of her verbal communication skills and comprehension skills are limited. She has difficulty with balance. Tara cycles along the highway to get to and from her art classes, as well as to visit her friends. This involves crossing the busy highway at several points. Tara cannot drive, so cycling gives her some freedom to travel alone.

Personal Information
Age: 29
Type of Cycle: Electric tricycle

Capabilities
Physical abilities: 2/5
Sight: 3/5
Hearing: 4/5
Mental cognitive: 4/5

Daily Statistics
Physical wellbeing: 2/5
Mental Wellbeing: 3/5
Energy: 4/5

Transport Dislikes
No shoulder along busy roads
Cars and trucks honking as they go past
Missing lane markings

Wishlist
Safe crossing points
Clear lane markings
Space specifically for cyclists

Income
NZ median income \$52,000

"I can speed down the road to pick up something at the shops. It's quick, and I can go places that my wheelchair alone wouldn't let me."

Meet Richard.
Richard is paralysed from the waist down, as a result of a spinal injury. He uses a wheelchair. Richard uses a clip-on electric handbike attachment to his wheelchair. He uses this for running errands, visiting friends, and other activities. He uses his clip-on on cycle lanes, roads, and footpaths, depending on what feels safe.

Personal Information
Age: 55
Type of Cycle: Clip-on electric handbike for wheelchair

Capabilities
Physical abilities: 3/5
Sight: 4/5
Hearing: 5/5
Mental cognitive: 5/5

Daily Statistics
Physical wellbeing: 3/5
Mental Wellbeing: 4/5
Energy: 5/5

Transport Dislikes
Dangerous car drivers
Steep slopes
Roads without shoulders

Wishlist
Culture shift to support cyclists
Financial support for disabled cyclists
Separated cycle lanes

Income
NZ median income \$52,000

"I can only see one small spot at once, so I have to choose to look out for traffic, or look at the path in front of me"

Meet Rawiri.
Rawiri has no vision in one eye, and only peripheral vision in his other eye. He cycles when he is visiting friends, if there is a separated cycle path. He would like to cycle to school, but the streets are too busy and it is easy for him to miss cars and other hazards. Rawiri relies on his hearing and his knowledge of the different paths to stay safe as he cycles.

Personal Information
Age: 15
Type of Cycle: Standard mountain bike

Capabilities
Physical abilities: 4/5
Sight: 2/5
Hearing: 5/5
Mental cognitive: 5/5

Daily Statistics
Physical wellbeing: 4/5
Mental Wellbeing: 5/5
Energy: 5/5

Transport Dislikes
Nowhere to lock my bike
Uneven surfaces
Road works

Wishlist
Smooth paths without holes or cracks
Quiet places to cycle
More protected cycle lanes

Income
NZ median income \$22,000

"My wheelchair doesn't let me get out into the forests or the hills. Being able to cycle lets me see the beautiful views and be outdoors"

Meet Marie.
Marie has weakness in her lower body, and often has severe pain in her legs. She uses a wheelchair to get around. Marie uses her recumbent hand-cycle to exercise and get into nature. She enjoys cycling with her friends. Marie often has to stop her rides and return home because she encounters a barrier she can't pass, such as a squeeze gate or a fence.

Personal Information
Age: 64
Type of Cycle: Recumbent hand-cycle (electric assist)

Capabilities
Physical abilities: 2/5
Sight: 4/5
Hearing: 5/5
Mental cognitive: 5/5

Daily Statistics
Physical wellbeing: 2/5
Mental Wellbeing: 4/5
Energy: 5/5

Transport Dislikes
Squeeze gates
Gates and fences on cycle trails
Tight turns

Wishlist
Information about the accessibility of cycle paths and trails
Smooth cycling paths through nature

Income
NZ median income \$22,000