

Cycling New Zealand Track Endurance Development Pathway



Our Vision is for a Thriving New Zealand Track Endurance Cycling Community with Sustained Success at the Elite Level

We aim to achieve our vision by

1. Creating connection and community for all riders and coaches, at all levels, by being open with our knowledge and freely sharing through the community to develop strong grassroots.
2. Providing appropriate development opportunities for those aspiring to the highest level based on demonstrated performance and potential.

Creating Community and Sharing Knowledge:

We strive to provide a baseline level of support in the form of camps and workshops for all athletes, coaches, parents, and facilitators throughout the track endurance pathway.

Education: Develop and teach a curriculum for track endurance cycling at the development / grassroots level, which covers the physical, physiological, technical, tactical, and psychological components of sprint cycling. Provide learning opportunities for coaches, facilitators, and athletes through camps, guesting and competition.

Development Opportunities:

- Open Camps: Open to all with an interest / involvement in track endurance cycling within New Zealand (Juniors / Coaches / Parents / Facilitators). Aim is to grow connection and disseminate knowledge to the community.
- CNZ and HSPNZ Support: Athletes who are identified to have potential for future world class performances can access support from Cycling New Zealand and HPSNZ, outlined in the development pathway.
- Invited Track Endurance Development Camps and Campaigns: developing athletes and coaches within New Zealand based around competitions throughout the country.
- Invited Track Endurance Development Camps and Campaigns: developing athletes and coaches to trans-Tasman and other appropriate international competitions and campaigns.
- Guesting Into CNZ HP Daily Training Environment: A critical piece of the development pathway is for developing athletes and coaches ready to gain exposure opportunities to a high performance environment and behaviours.

Tailored Athlete Pathway Support (TAPS) supports the performance and wellbeing of athletes in the New Zealand high performance sport environment.

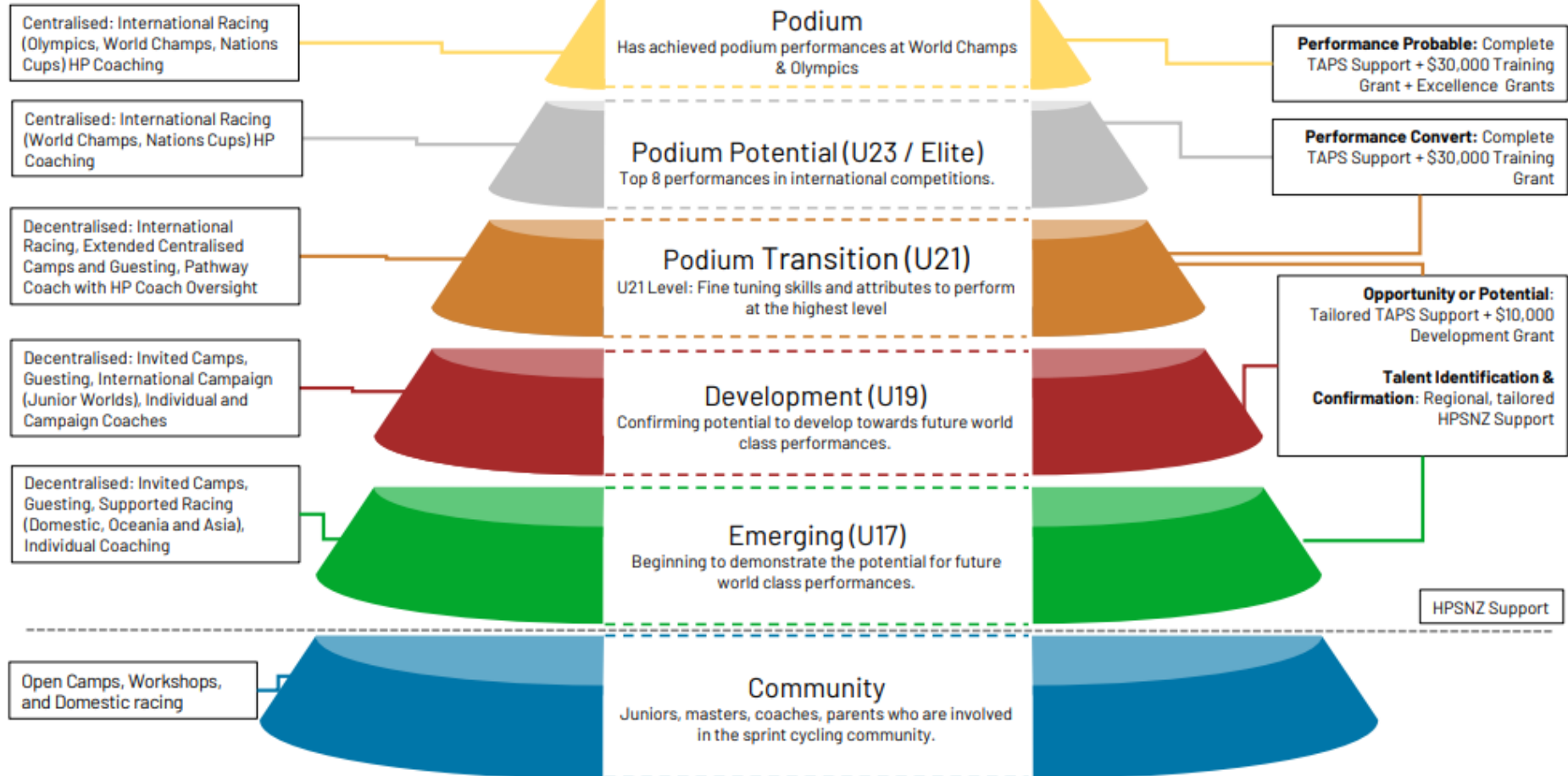
TAPS is designed to ensure athletes have the right resources at the right time relative to their stage in their respective sport's Performance Pathway.

Sprint Development Pathway

Cycling New Zealand Support

Stage of Development

HPSNZ Support (TAPS)



Seeking Support:

Athletes seeking support will be assessed whether they are within the minimum performance benchmark of their relative world performance benchmarks, and their potential to develop towards future world class performances. This assessment will be conducted using a performance / potential matrix, with potential having a greater weighting than performance. Potential is rated by collecting relevant information from the athlete, their coaches and facilitators involved in the pathway. This includes access to training facilities, coaching and equipment, as well as performance behaviours, training age and physical development. Talent transfer and late developing athletes will be assessed on a case-by-case basis. Regardless of age, these athletes would enter at the Emerging stage and generally progress through the pathway at a greater rate than their peers.

You will have demonstrated realistic (future) winning capabilities against these benchmarks, together with the required attributes, attitude, and motivation for internal success as confirmed by Cycling New Zealand as determined by this evidence-based HP pathways.

Progression into and through the High-Performance stages of the TAPS pathway, performance, and especially performance that demonstrates the potential to achieve repeated podium success at pinnacle events in the future. Also considered will be how the resources available through the TAPS system is able to both influence and positively impact current and future performances.



Benchmarking:

Age and stage appropriate, world performance benchmarks are based on what it takes to podium at relative international world class competitions. The purpose of these benchmarks is to support discussions on where athletes are at, and how they can progress towards future world class performances in both timed and key bunch events. These are not entry or exclusion criteria for support from Cycling New Zealand or HPSNZ.

World Performance Benchmarks (To podium at relative world class competitions)

Category (Likely age of development)	Male: Individual Pursuit		Male: Time Trial		Female: Individual Pursuit		Female: Time Trial	
	WPB	Min	WPB	Min	WPB	Min	WPB	Min
Podium	4:07.5	4:12.4	1:00.6	1:01.8	3:22.0	3:26.0	33.8	34.5
Podium Potential	4:10.0	4:15.0	1:01.4	1:02.6	3:24.0	3:28.1	34.2	34.9
Podium Transition (U23)	4:18.5	4:23.7	1:02.5	1:03.8	3:28.5	3:32.7	34.6	35.3
Podium Transition (U21)	4:21.8	4:27.0	1:03.0	1:04.3	3:34.0	3:38.8	34.8	35.5
Development (2 nd Year U19)	3:15.5	3:19.4	1:03.4	1:04.7	2:23.0	2:25.9	35.0	35.7
Development (1 st Year U19)	3:18.1	3:22.1	1:04.4	1:05.7	2:25.2	2:28.1	36.0	36.7
Emerging (2 nd Year U17)	2:17.6	2:20.4	34.4	35.1	2:29.7	2:32.7	37.4	38.1
Emerging (1 st Year U17)	2:19.6	2:22.4	35.3	36.0	2:32.0	2:35.0	38.2	39.0

Benchmarking against key performance attributes, including results and performances in Madison and Omnium (incl. the individual events making up the Omnium) is important to ensure rounded athletes are able to perform across all endurance disciplines.

Performances in Omnium will be considered by:

- Sub Total points will confirm performance and results in Scratch, Tempo & Elimination Races.
- Points and number of sprints contributing points in Points race
- Total points across all disciplines of the Omnium.
- The ability to take laps on the field where required.

Performances in Madison will be considered by:

- Points and number of sprints contributing points and final result in the Madison.
- The ability to take laps on the field where required.

Expressions of interest (EOI):

A step-by-step process:

1. Athletes and their coaches can submit their EOI and feedback for support through an online form (link is on the development webpage) which will include recent performances and self-assessment of potential factors.
2. CNZ coaches will then meet to discuss with the athlete, coach, and parents around their eligibility for support based on their potential, performance, and stage of development.
3. Athletes who are considered eligible can access the relevant HPSNZ TAPS level and support from CNZ. Athletes who do not yet meet a minimum standard are encouraged to seek advice from regional coaches or reach out to CNZ to receive guidance around bridging the gaps towards performance.

HPSNZ TAPS (Tailored Athlete Pathway Support)

HPSNZ	Post HP	LIFE AFTER COMPETITION	Supporting athletes and coaches to continue to contribute to New Zealand through what they do post their competitive careers	Perform	Cycling New Zealand	
	HIGH PERFORMANCE	TRANSITION	Retirement from sport to future aspirations in life, career, and relationships.		Podium	
		ELITE PERFORMANCE - PROBABLE	Elite performance athletes that have achieved repeated podia success at Pinnacle event/s (Olympic/Paralympic Games or World Championships) and continue to polish their proven international performances.			
		TRANSITION	Ready to perform under pressure, adapt and refine performance to performance, lead themselves and others. Deliver medals.			Podium Potential
		PERFORMANCE - CONVERT	Future performance athletes that have demonstrated realistic medal winning capabilities and are refining performances for podia success at next Pinnacle events/s (Olympic/Paralympic Games or World Championships)			
		TRANSITION	Stable platforms, performance routines and skills evolving, learning to perform under pressure. Performance not yet consistent.			
		FOUNDATION PERFORMANCE - OPPORTUNITY	Foundation performance athletes confirmed to transition to high performance, they are learning how to operate within a world class environment and meet the demands of Pinnacle event performances, graduating within 4 years.			Podium Transition
		TRANSITION	Fundamentals and a learning environment focused on critical personal performance and wellbeing requirements are a priority.			
		PERFORMANCE - POTENTIAL	Athletes that have demonstrated realistic (future) winning capabilities against sport benchmarks, together with the required attributes, attitude, and motivation for internal success as confirmed by their National Sporting Organisation as determined by their evidence-based HP pathways.			
		PRE-HP	TRANSITION			Planning/life skills to manage multiple commitments, challenge/change and to develop support networks and learning processes for success.
TALENT IDENTIFICATION & CONFIRMATION	Athletes that have demonstrated realistic (future) winning capabilities against sport benchmarks developing and confirming the required attributes, attitude, and motivation for international success.					

Sport NZ	DEVELOPMENT	<p>TALENT DEVELOPMENT</p>	<p>Talent development is developing athletes to realise their potential in sport and in life. These processes ensure that people and organisations are working with the "right attributes" at the "right time".</p>	Participate	Emerging
		<p>BALANCE IS BETTER</p>	<p>Athletes need balance, development programmes have to be holistic, recognise and cater for all four physical literacy quadrants while developing the person as well as the athlete, encourage them to play, to explore a range of sports, to develop a range of skills, creativity and decision making.</p>		Foundation
		<p>PRINCIPLES OF PLAY</p>	<p>Play is the foundation of physical literacy, as a child's earliest physical experiences are through play, and vitally important for a young person's resilience and wellbeing development. It is vital in ensuring young people have the best possible start in life and develop a lifelong love of community sport and being physically active.</p>	Play	