



NAENAE
OLYMPIC
POOL

**WHAKATUPU
NGAENGAE**

NAENAE POOL & FITNESS CENTRE

**Demand Analysis and
Brief Review
June 2021**



Prepared for:

PURPOSE AND OUTLINE

Purpose:

- Review key elements which will be important for the success of Naenae Pool and Fitness Centre.
- Discuss conclusions which will have bearing on the project brief.

Outline:

- Strategic context
- Demographic context
- Historical context
- Catchment assessment
- Function assessment
- Utilisation assessment
- Community engagement
- Conclusions about project elements.

STRATEGIC CONTEXT

Draft Long Term Plan 2021-2031 “Lower Hutt, a city where everyone thrives”



Hei Āhuru Mōwai mō te Katoa Increasing housing supply

Effectively planning for growth in our city, ensuring an increase in housing supply and working with organisations to ensure our people have warm, safe, dry homes to live in



Whakangao i ngā poupou hapori Investing in infrastructure

Investing in high-quality infrastructure that supports our people to move around, receive basic services (like water) and enjoy our community facilities.



Tūhono Hapori Connecting communities

Investing to connect and empower neighbourhoods and communities so they can thrive and remain safe, connected, healthy, inclusive and resilient



Tiaki Taiao Caring for and protecting our environment

Working with our communities to meet the challenges of climate change and our goal to become carbon zero by 2050



Taunaki Ōhanga Auaha, Tāone Whakapoapoa Supporting an innovative, agile economy and attractive city

Investing to drive economic growth, and harnessing the talents of business, education, research and science communities in Te Awa Kairangi Lower Hutt to make our city an attractive place to work and invest



Whakauka Ahumoni Financial sustainability

Investing in a financially sustainable and prudent way that ensures we are carefully managing our finances to deliver on our community's expectations

How the Naenae Pool and Fitness Centre can respond:

Provision of quality community facilities contributes to local neighbourhoods being more attractive.

Improved community facility provision support increased housing density.

Contribute to improving social and community well-being.

Fit for purpose aquatic facility to meet community and sector needs.

Safe walkways and cycleways and amenities to support active transport.

Minimise the risk of natural hazards.

Build community ownership and involvement in development.

Grow community participation.

Support children and young people to achieve their potential.

Provide for diverse communities.

Low impact urban design.

Reduce energy use.

Maximise recycling and diversion from landfill.

Reduce emissions at council facilities. By 50% by 2030.
Decarbonise all facilities and no natural gas heating.

Contribute to Naenae town-centre rejuvenation.

Improve community safety in and around the aquatic facility.

Employ local community in the development

Fit for purpose design which supports sustainable operational model.

POPULATION

Naenae community 13,794 – 13%

Pool catchment 28,599 – 27%

Recent population growth of 6%

Current growth forecasts - slight growth
(may change with Plan Changes)

DEMOGRAPHIC CONTEXT

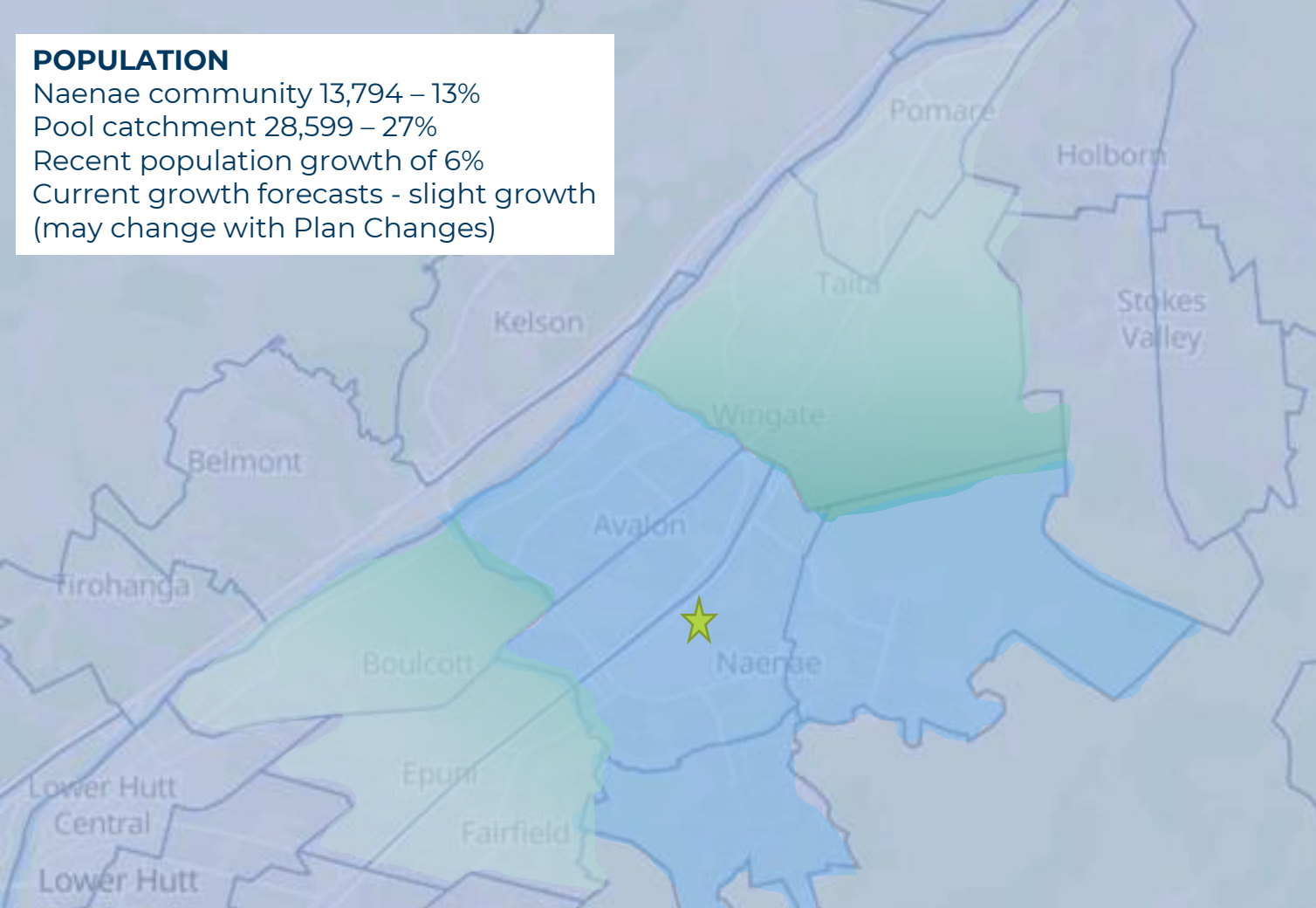
- Children, under 10 years.
- Young adults (20-29 yrs).
- Seniors over 70 years.

Age Projection:
Growing older population.

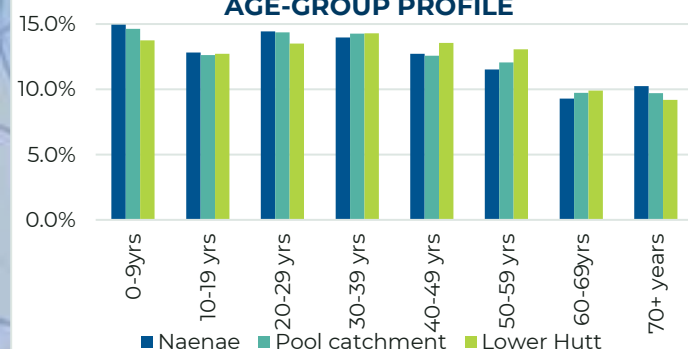
Ethnically, most diverse
community:

- Māori and Pacific Island residents.
- Wider catchment Asian residents.

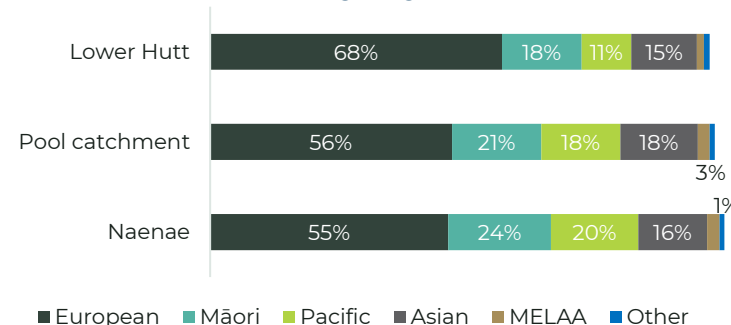
Ethnicity Projection:
Growing diversity with
increasing Māori, Pacific
and Asian residents.



AGE-GROUP PROFILE



ETHNIC PROFILE

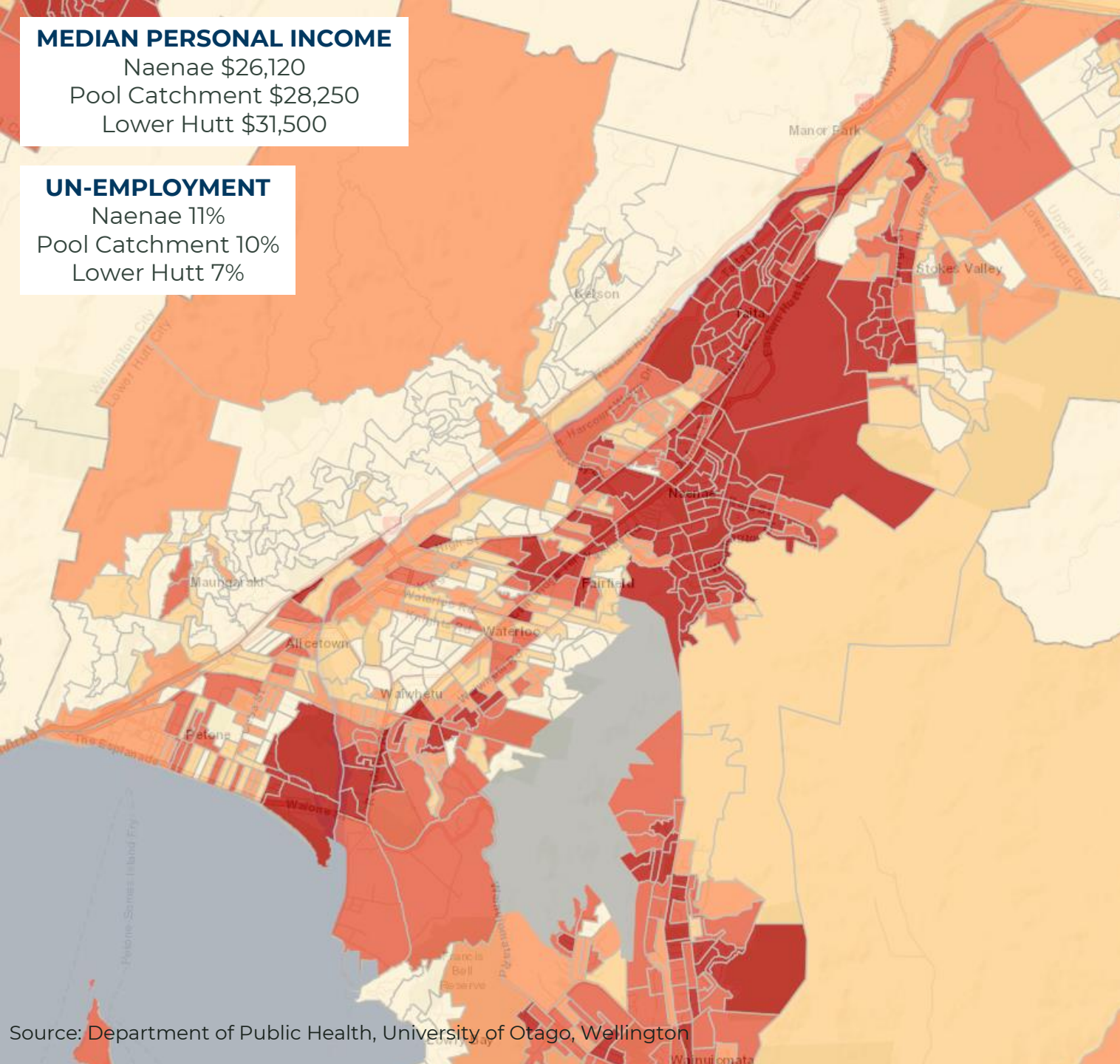


MEDIAN PERSONAL INCOME

Naenae \$26,120
Pool Catchment \$28,250
Lower Hutt \$31,500

UN-EMPLOYMENT

Naenae 11%
Pool Catchment 10%
Lower Hutt 7%



SOCIAL CONTEXT

The Naenae and the pool catchment exhibit:

- Lower income levels.
- Lower educational attainment.
- Lower employment
- Higher unemployment
- High renting and low home ownership.
- Poor health outcomes.

This has most relevance to the future operating model and pricing fees to provide affordable, equitable and accessible opportunities to the aquatic facility.

MĀORI & PACIFIC ISLAND COMMUNITIES



CONSIDERATIONS FOR THE BRIEF

- Māori and Pacific Island :
- Mimic the natural environment.
 - Preference for bombing, swinging, climbing experiences.
 - Zoom tube / hydroslide.
 - Casual play experiences.

YOUNG CHILDREN



- Younger age-groups:
- Learn to swim.
 - Play opportunities with variety of depths and experiences.
 - Modified age-group aquatic sports.

OTHER CONSIDERATIONS



- Other considerations:
- Older age-groups – water exercise and warm-water therapy. Ramp access.
 - Asian communities – a preference for warm experiences including spa, sauna, steam.

HISTORICAL CONTEXT

Developed over 1954-1958. Olympic sized - intention to host the Olympic Games or other swimming events.

Significant interest in the new facility. Visiting Australian swimmers (Ilsa Konrads and Dawn Fraser) and the legendary swim coach Don Talbot.

The pool was the “place to be seen” attracting large crowds for swimming, diving and hanging out.



1957 Naenae Pool



1957 Diving competition



HISTORICAL CONTEXT

In 1958, the children's pool, café and additional stand were added and expanded grassed area.

Potential Design Markers -
ambience and style of the
completed 1950s pool.



1958 Naenae Pool, following completion of children's pools and café and additional stand

HISTORICAL CONTEXT

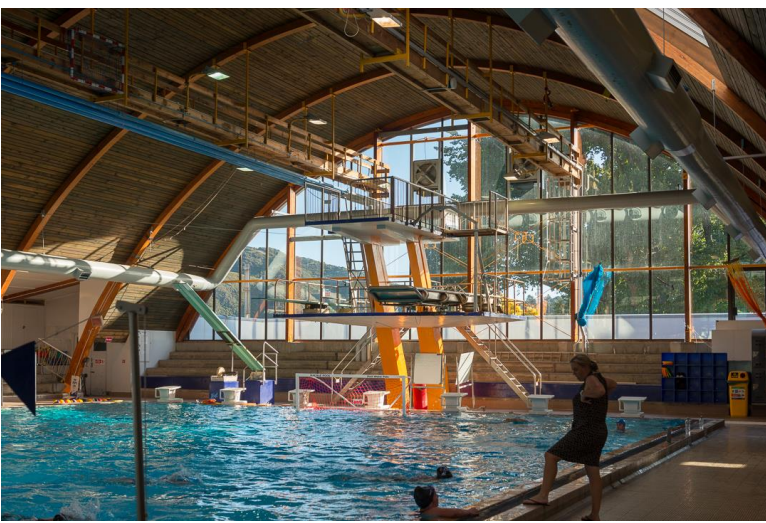
1972 - bulkhead added.

1987 - outdoor pool enclosed with a timber gulam structure plus installation of the zoom tube.

1998 - roofing added to children's and learner's pool.

2007 - fitness gym added.

Concrete dive tower has been a key feature throughout the facility life.

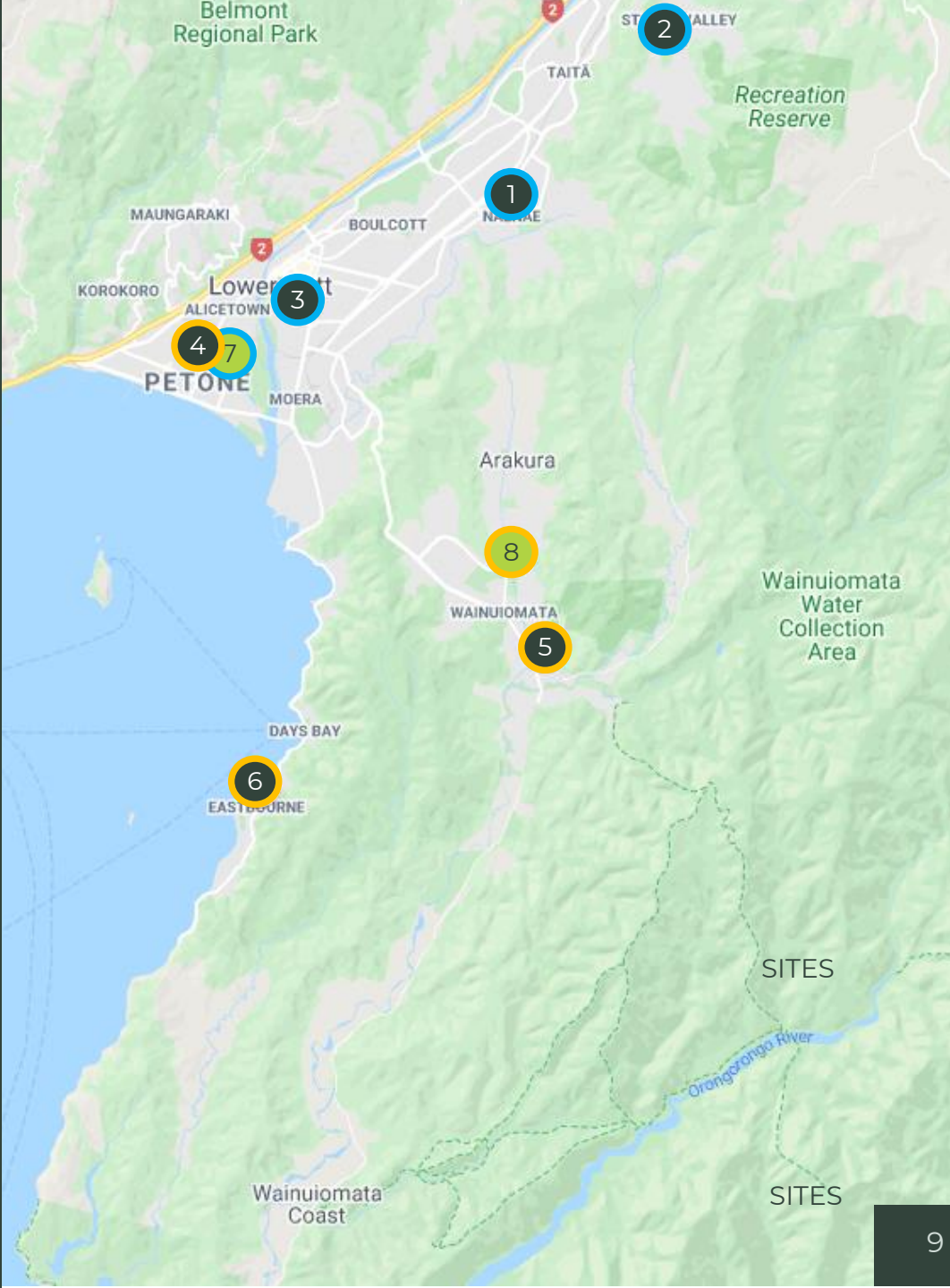
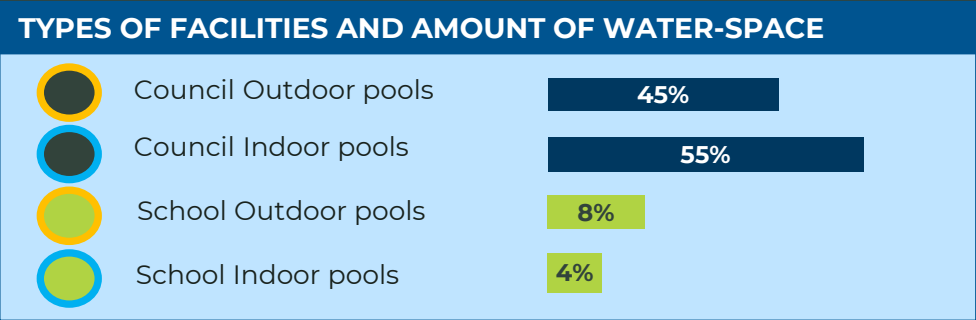


Images from Mark Tantrum Photography Ltd.

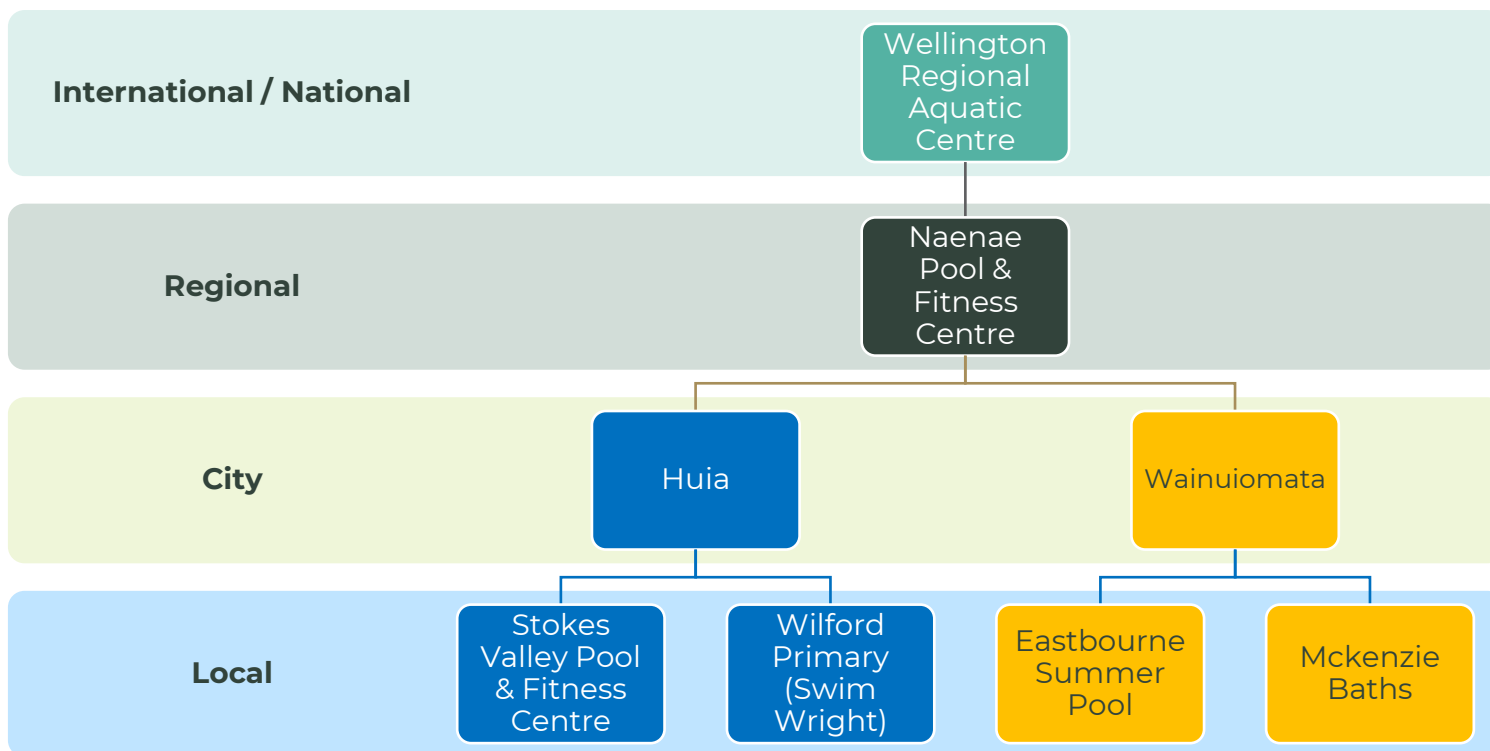


AQUATIC NETWORK

FACILITIES	OWNER	TYPE	DESCRIPTION
1 – Naenae Pool & Fitness Centre	Council	Indoor	50m pool Learners / Play pool Hydroslide
2 – Stokes Valley Pool & Fitness Centre	Council	Indoor	25m pool Learners pool
3 – Huia Pool & Fitness Centre	Council	Indoor	25m (deep-water) pool Leisure pool 25m Learners pool 25m Hydrotherapy pool
4 – Mckenzie Baths	Council	Outdoor	25m pool Learners pool Splashpad
5 – Wainuiomata Summer Pool	Council	Outdoor	50m pool Learners pool Toddlers pool Hydroslide
6 – Eastbourne Summer Pool	Council	Outdoor	25m pool Learners pool Toddlers pool
7 – Wilford Primary School (Swim Wright)	School	Indoor	20m learners pool
8 – Pukeutea School	School	Outdoor	25m pool



WELLINGTON / LOWER HUTT AQUATIC HIERARCHY



REGIONAL AQUATIC SPORT NETWORK HIERARCHY

WELLINGTON REGIONAL SPACES AND PLACES PLAN

Wellington Regional Aquatic Centre is the identified national / international standard facility serving the Wellington Region.

Naenae Pool is identified as the regional facility to serve for regional activity and events. The Strategy specifies it is important not to duplicate functionality of WRAC.

All other aquatic facilities serve city and local catchments and functions.

AQUATIC PROVISION

GEOGRAPHIC DISTRIBUTION

Drive-time catchments:

- 10 minutes local facilities,
- 30 minutes district facilities,
- 40 minutes regional facilities.

Central area of Lower Hutt - relatively well served for aquatic provision. Wainuiomata and Eastbourne - outdoor pools.

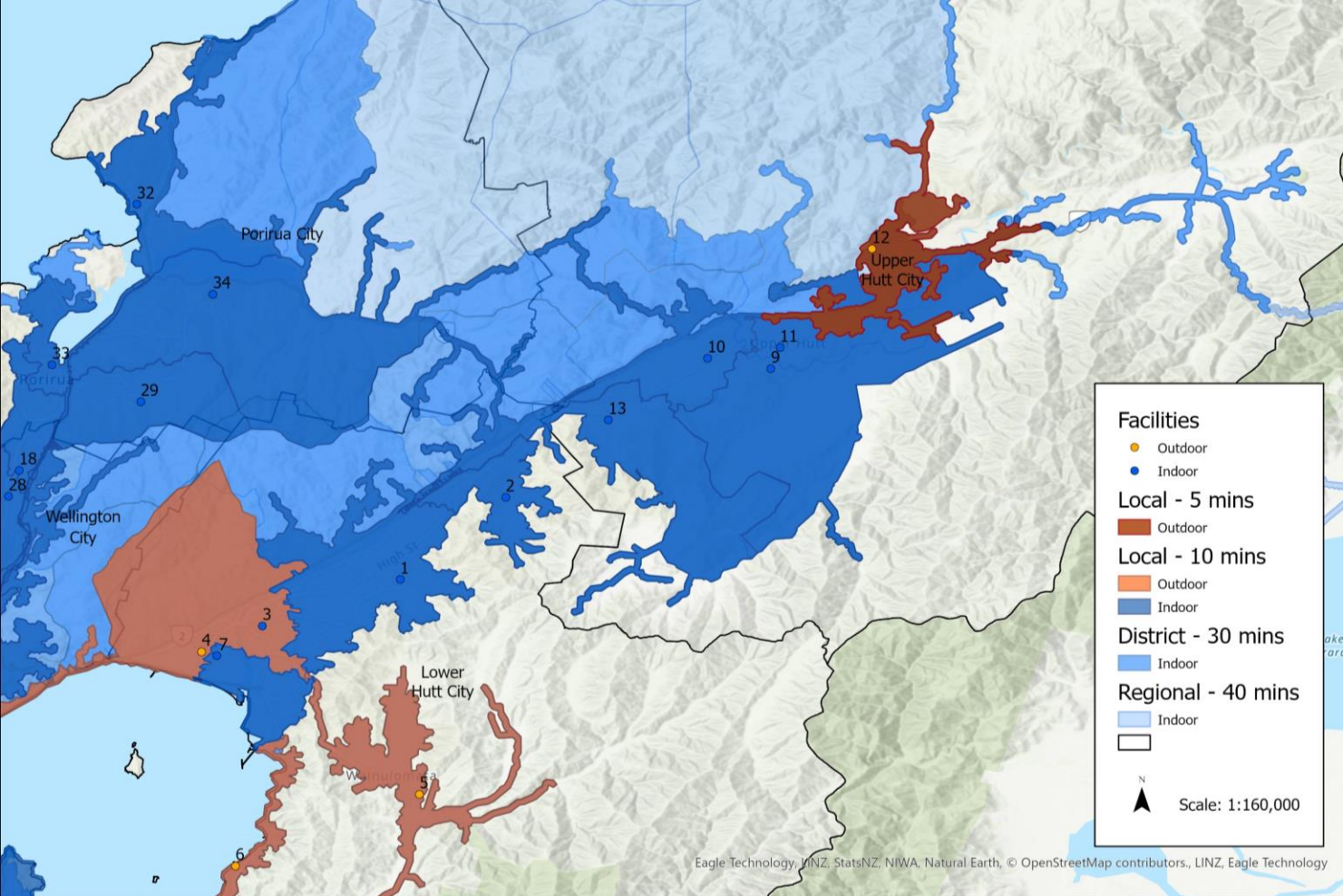
AMOUNT OF WATER SPACE

Standard benchmarks - 45 people per square-metre.

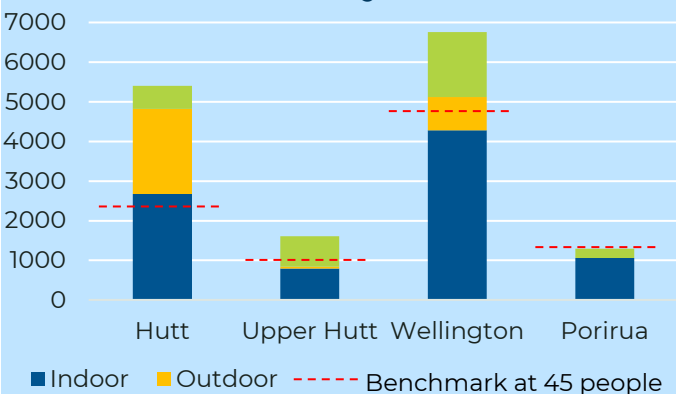
Chart 1 – regional water-space comparison. Lower Hutt and Wellington are slightly above benchmark for all-year water-space.

Chart 2 Scenarios for future aquatic provision:

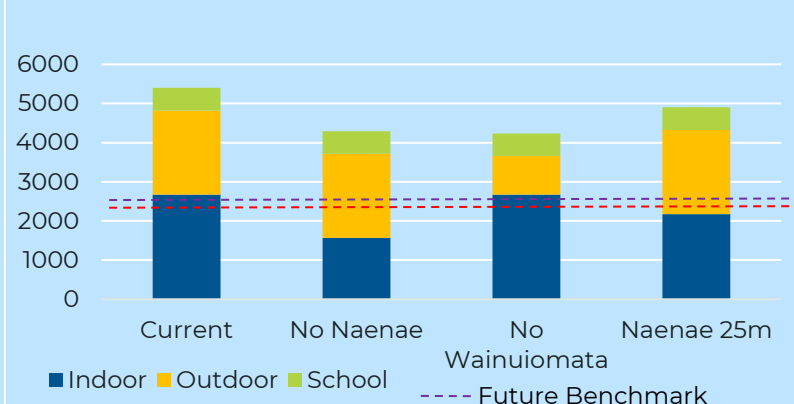
- No Naenae Pool – District under-served for indoor all-year water-space.
- No Wainuiomata – overall district provision but indoor provision is sufficient.
- Naenae is 25m pool – District under-served for indoor all-year water space.



1 - REGIONAL AQUATIC PROVISION



2 - HUTT AQUATIC SCENARIOS



AQUATIC FUNCTION ASSESSMENT

STRUCTURED

- 3,614m² (67%) of Hutt's network is in structured water, with 46% indoor, 43% outdoor and 10% in schools.

LEARNING

- 956m² (18%) of Hutt's network is in learner pools, with 37% indoor, 42% outdoor and 21% in schools.

PLAY

- 562m² (10%) of Hutt's network is in leisure water-space, with 68% indoor and 32% outdoor.

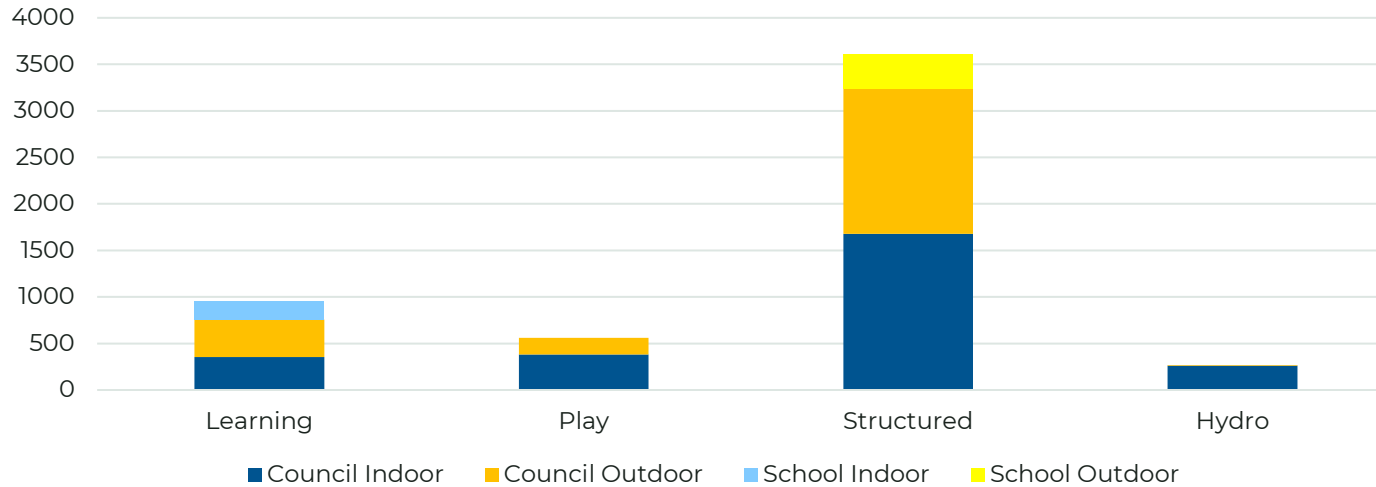
HYDROTHERAPY

- 270m² (5%) of Hutt's aquatic network is in hydrotherapy water-space, with 97% indoor and 3% outdoor.

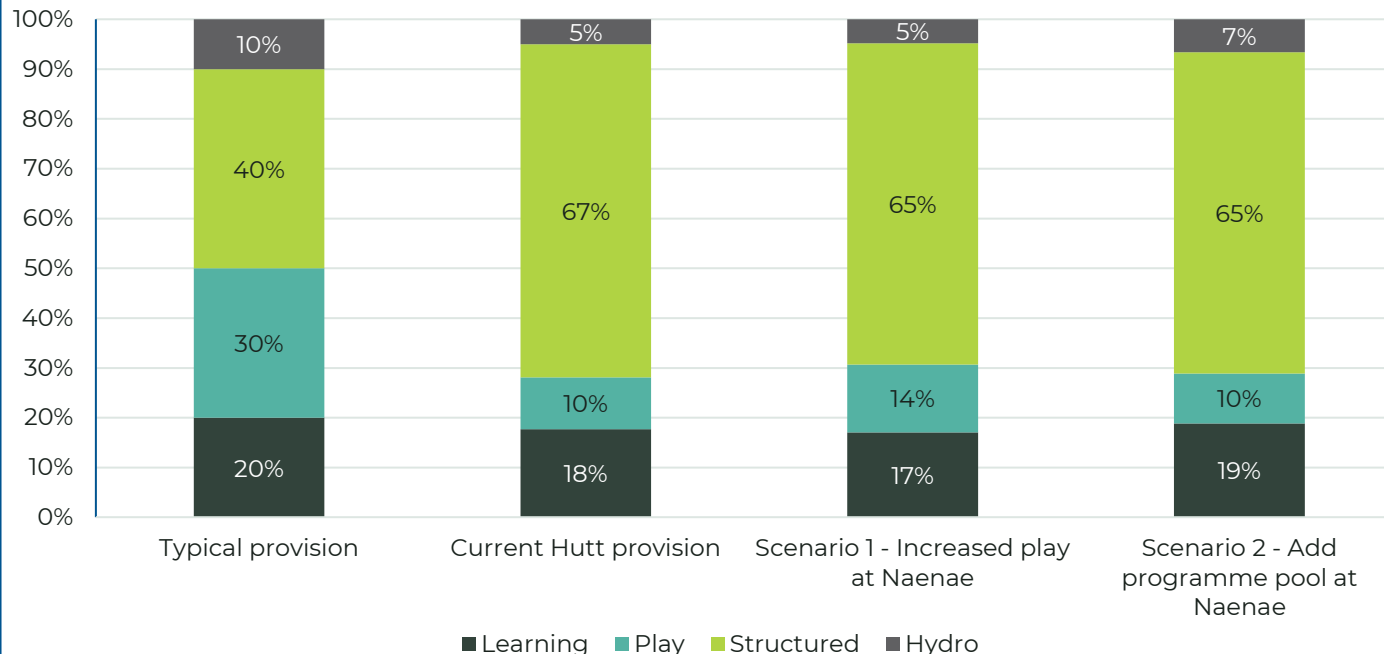
Chart 2:

- Current Hutt provision
- Typical or ideal provision (from National Aquatic Facility Strategy).
- Scenario 1 increased play
- Scenario 2 addition of programme pool.

1 - HUTT CURRENT PROVISION FOR AQUATIC FUNCTIONS (WITH NAENAE)



2 - AQUATIC FUNCTIONS COMPARISON AND NAENAE SCENARIOS



UTILISATION ASSESSMENT

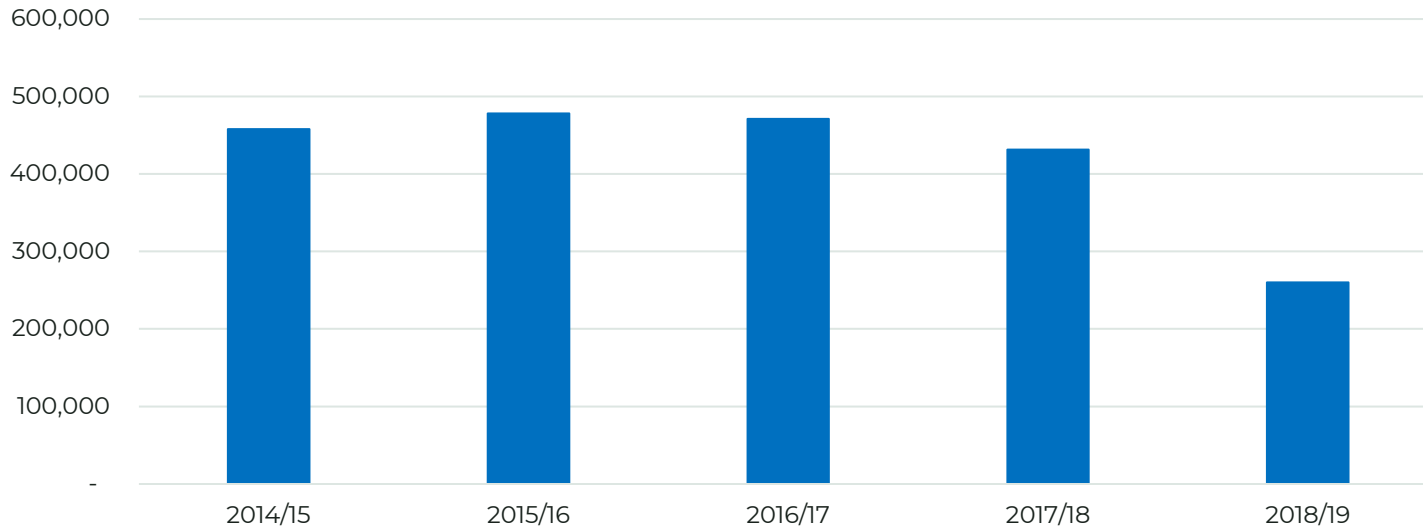
Total annual visits was relatively consistent on average 460,000.

Chart 2:

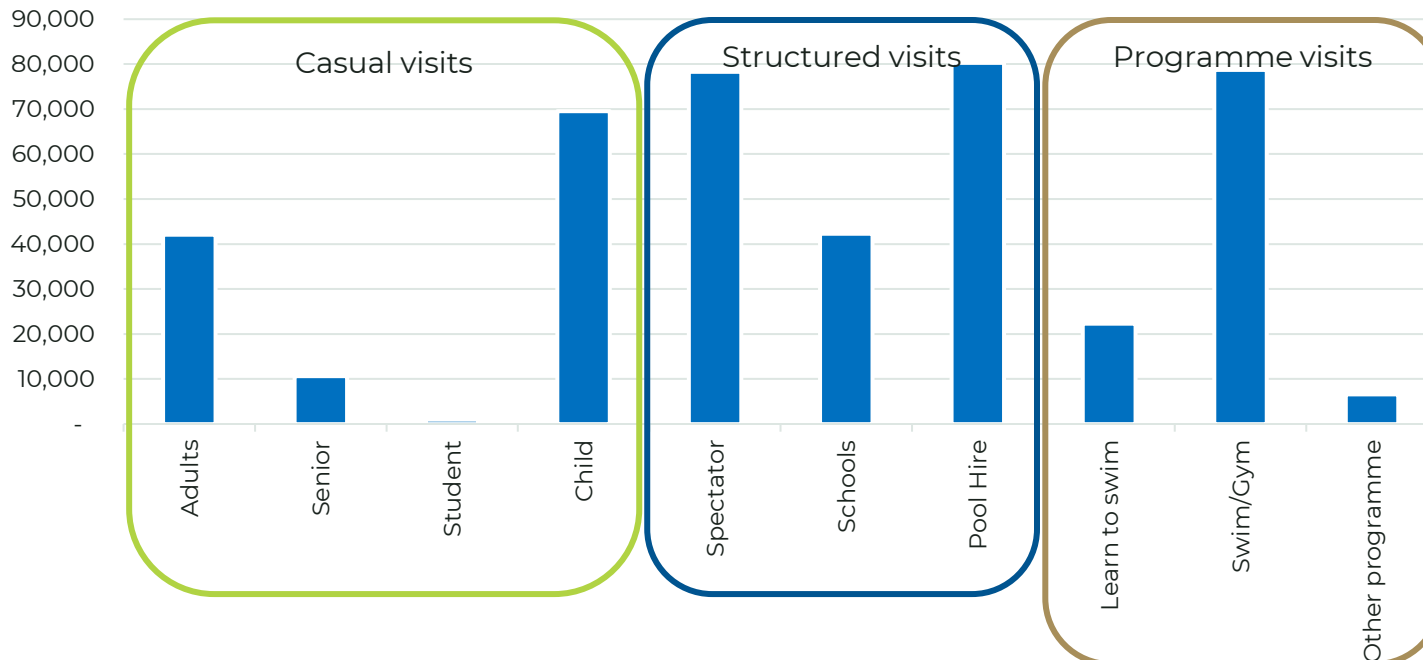
- Casual visits by children, students, seniors and adults, 29% of total visits.
- Structured visits by schools and sports groups and spectators, 47% of visits.
- Programme visits attending learn to swim, swim/gym and other programmes, 25% of total visits.

Spectators linked to aquatic sports an partly related to casual visits.

1 - NAENAE POOL & FITNESS CENTRE – ANNUAL TOTALS

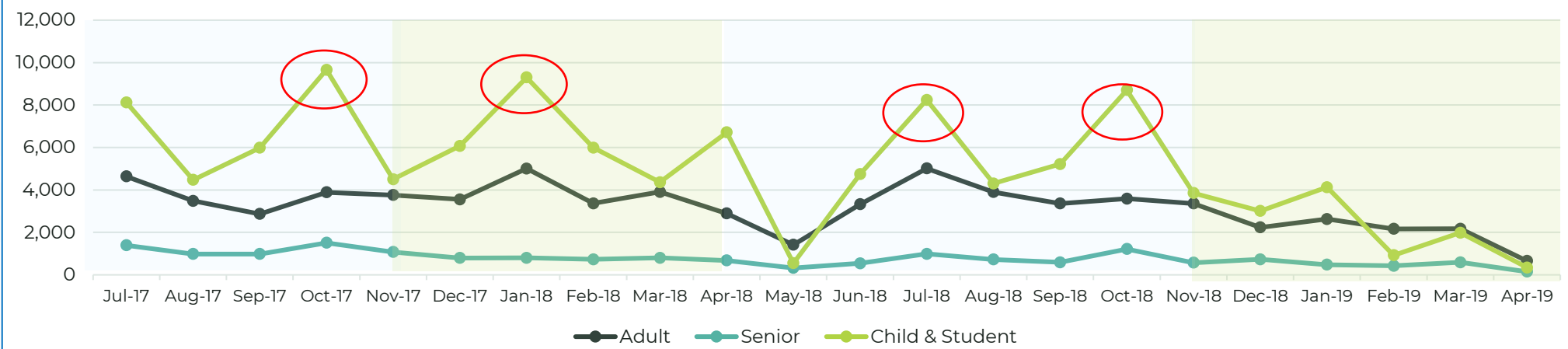


2 - NAENAE POOL & FITNESS CENTRE – ANNUAL TOTALS

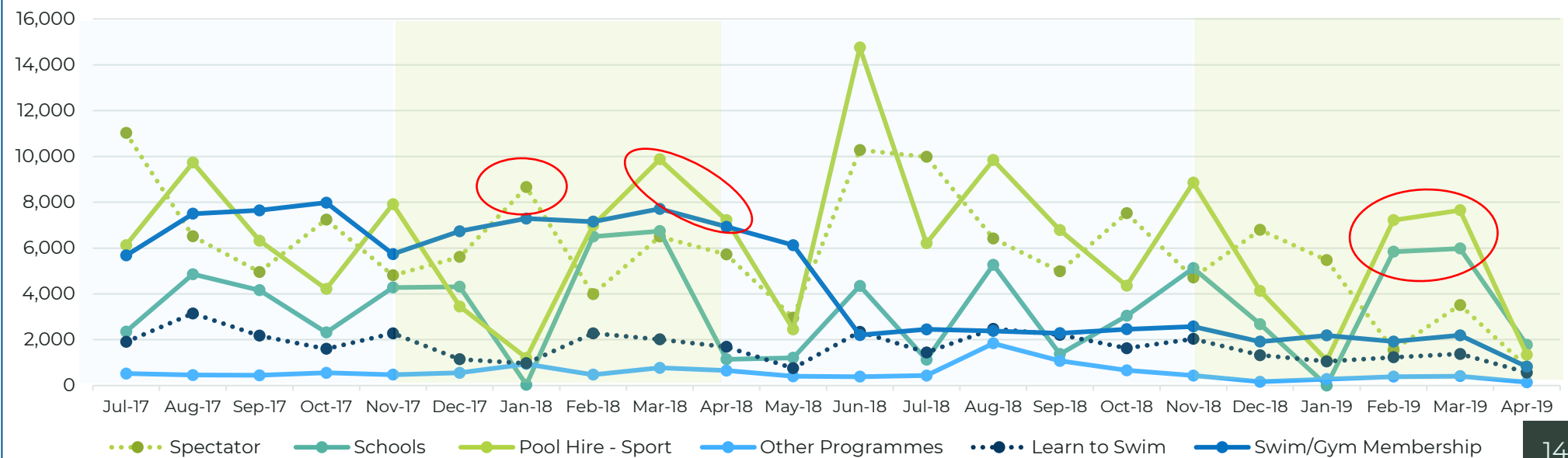


UTILISATION ANALYSIS

3 - NAENAE POOL – PATTERN OF CASUAL VISITS



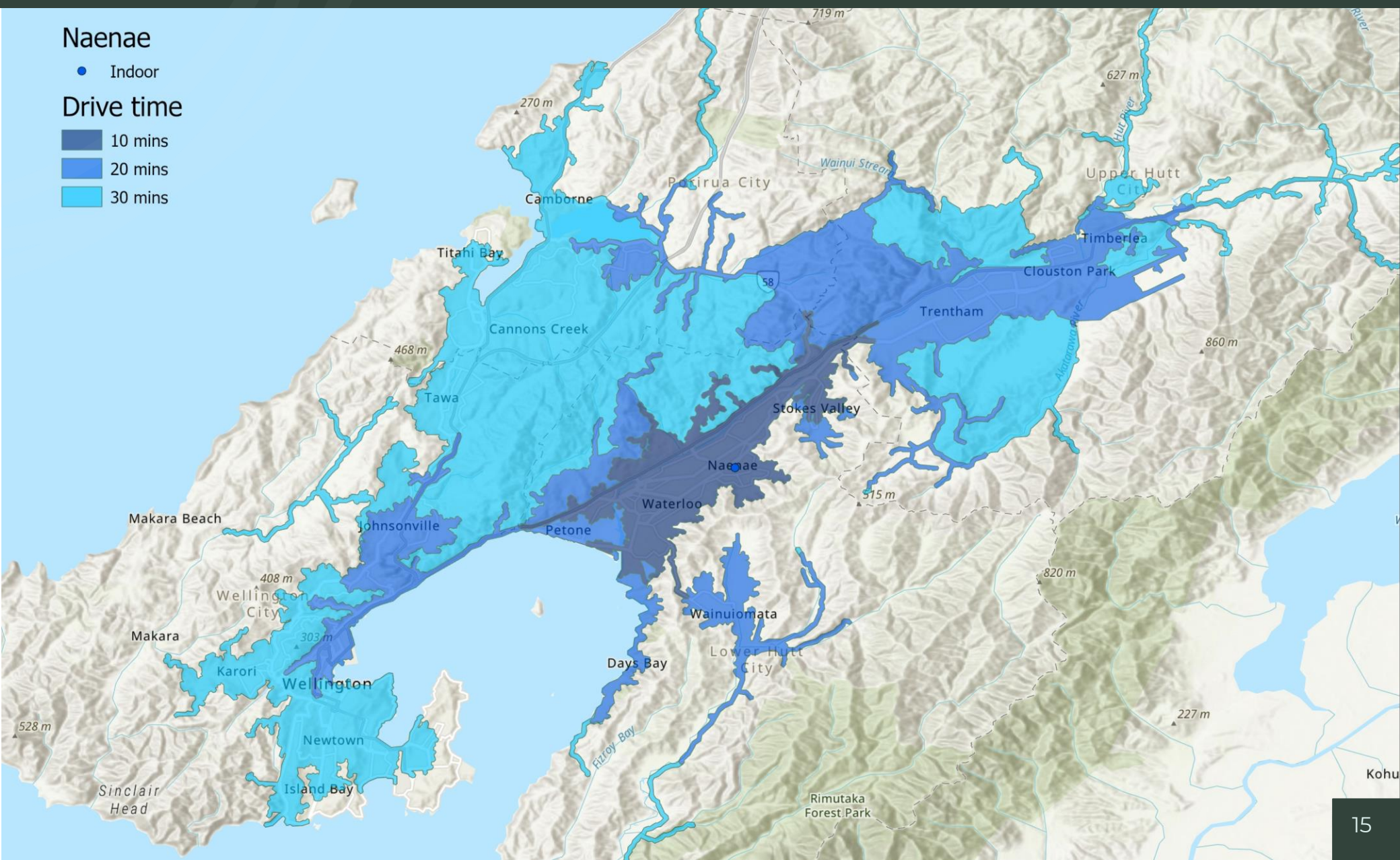
4 - NAENAE POOL – PATTERN OF STRUCTURED VISITS



ROLE OF NAENAE POOL IN THE NETWORK

ROLE OF NAENAE POOL IN THE NETWORK

- Local needs (10 minute catchment) for play, learning and hydrotherapy,
- Region needs (20-30 minute) catchment for aquatic sport and events.



KEY OUTCOMES FOR TOWN CENTRE & POOL WHERE PEOPLE CAN:

Do the basics
Stay active
Support local people
Connect regularly
Gather at meaningful times
Make memories
Come together as a community
Be safe and satisfied.

KEY PRINCIPLES TO CONSIDER IN DESIGN PROCESS:

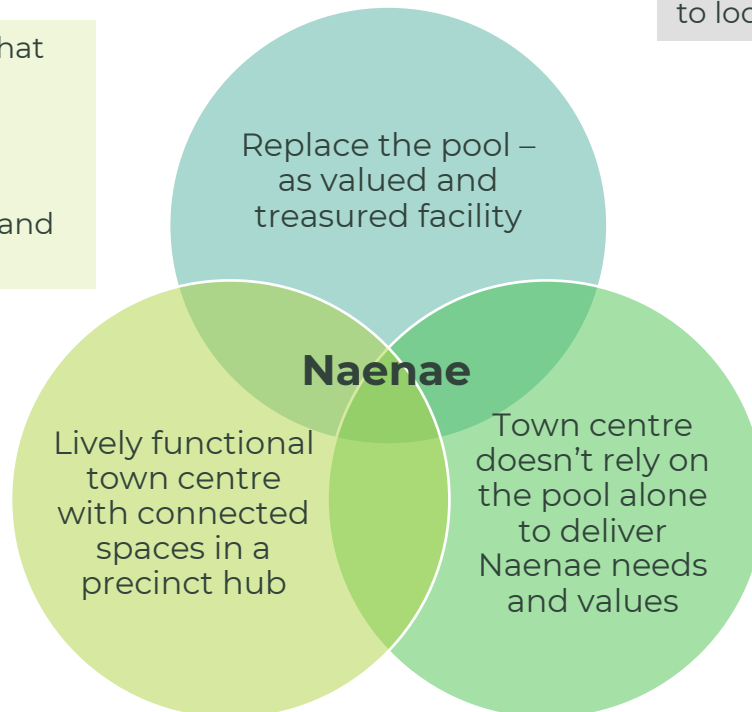
- Functional reasons for using different parts of town.
- Enable different generations, groups, cultures to mingle.
- Connect spaces and places.
- Open visible places.
- Accessible places – physical, emotional, financial.
- People choose how to use space.
- Cater for big families and groups.
- Access to technology.
- Support people in need / locals.
- Preserve heritage functionally.
- Reflect local iwi and history.
- Remember all senses.
- **Naenae way – partnership and regenerate.**

Activity is as diverse as Naenae. Needs to suits all ages and lifestyles and be affordable and accessible.

Support local business to support local people.
The pool needs to contribute to local businesses doing well.

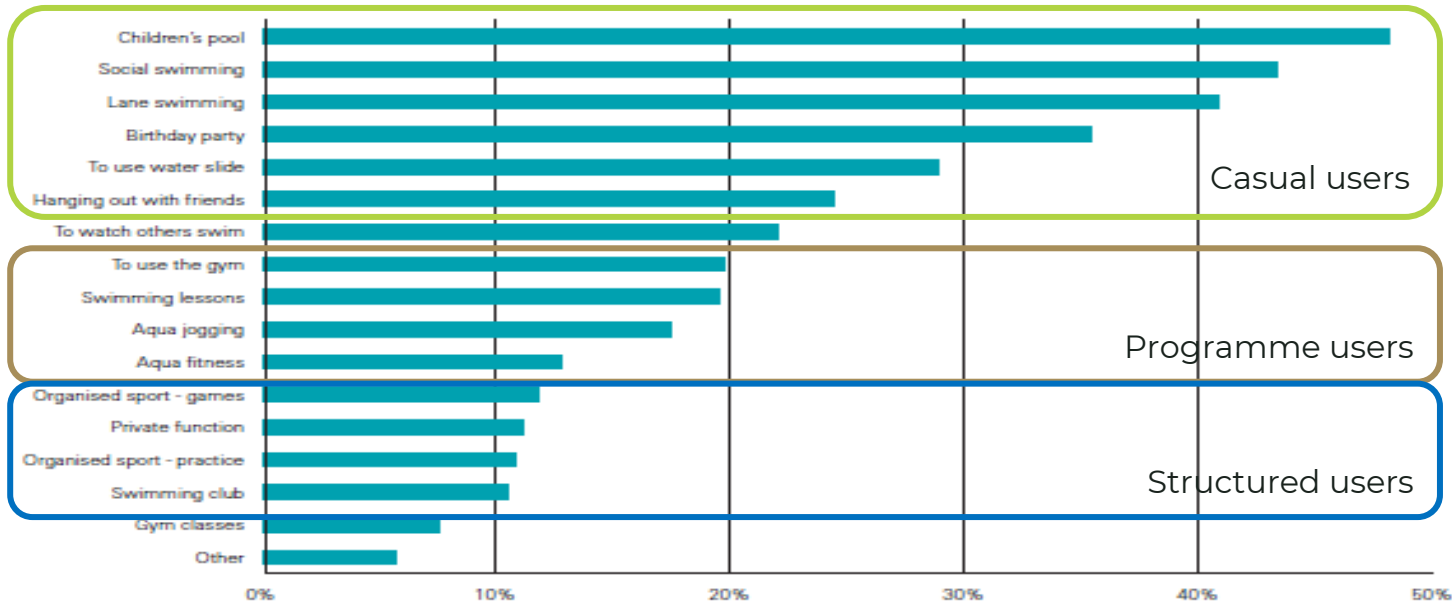
Events and spaces that build a sense of community - Naenae Festival and Naenae Markets. Celebrating culture and diversity.

Feeling safe. Encouraging more regular activity and liveliness.



Participating in activities and events builds a sense of familiarity and connections. The pool is a place for connections to occur – **need to emphasise the social connections** not just the physical activity. Providing for big groups to gather. Making memories.

LOWER HUTT SURVEY – USES OF NAENAE POOL



LIKE MOST ABOUT THE POOL

39% pool size/length/depth
 33% children's pool and activities
 26% slide / zoom tube
 22% location and convenience
 14% contribution to community
 12% experiences / atmosphere

PRIORITIES FOR THE POOL

Does not need to be state of the art.
 Want what they had with:
 Improved accessibility,
 More welcoming entrance,
 Easy flow to great outdoor spaces.

Keep the size of the pool and zoom tube
 and different areas for different activities.

IMPROVEMENTS

25% Changing rooms
 14% kids area and activities
 13% Make safe
 11% liked as is
 10% spa

RELATIONSHIP

An energetic, compact precinct that brings together
 what's most important to the community.
 Yearning for something to bring energy to their
 town-centre.

[illegible]

1	1.35m depth	2m depth	3m depth
2			
3			
4			
5			
6			
7			
8	10-15m length	25m length	10-15m length



ACTIVITY	DEPTH	SIZE
Swimming/Surf	2m	25m or 50m
Waterpolo	2-3m	20-25m x 10-20m
Flipperball	1.2m	20-25m x 10m
Diving/bombing	3-4.5m	Boards & Platforms
UW hockey	2-3m	25m x 15m
Canoe polo	-	35m length
School LTS	0.9-1.3m	25m or 50m
Aqua-jogging	2m	Any
Aquacise	1-1.3m	Any

Community value the 50 metre pool. Losing the 50m pool or converting to a 25m without increased provision would leave the District with insufficient all-year water-space Serves a large contingent of structured users. Therefore, conclusion 1 is retaining the 50m pool.

Considering demographic profile of local community, it is important to ensure 50m pool is flexible and can be used for aquatic play when not used for structured activity.

Options to consider include:

- 25m width – allows 25m lanes across the pool – multiple modes.
- 52m length – allows 2 bulkheads to designate 3 areas, different depths?
- 1.35m deep – school age learn to swim, water-walking and flipper-ball.
- 2m deep area – water-polo, swimming, aqua-jogging and
- 3m deep area – bombing and deep-water activities and preferred for under-water hockey.



CONCLUSION 2 PLAY PROVISION

Given the demographic profile, providing for casual swimming and play is important. Voice of Community – 4 of top 6 based on casual swimming (play), hanging out with friends, birthday parties, water slide.

Conclusion 2 - ensuring there is adequate and appropriate play provision.

Considerations include:

- Deep-water bombing or climbing structures – ? 50m pool.
- Multiple depths for young to older children to play.
- Variety of interactive play features.
- Large social gathering space with access to the outdoors.
- Potential aquatic provision outdoors.
- Hydroslide – reuse or build new?
- Large scale inflatables to transform the 50m pool.

DEDICATED PROGRAMME POOL



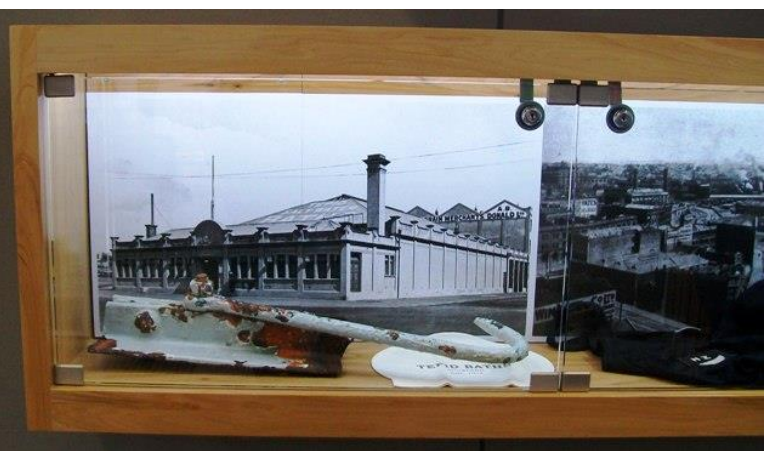
INVITING FACADE



COMMUNITY HANDPRINT



HONOURING THE HISTORY



**CONCLUSION 3
PROGRAMME POOL**

Given the demographic of the local community and high deprivation, provide accessible and equitable access to learn to swim and other aquatic exercise.

Dedicated programme pool provides a quality space for learn to swim and quiet space for gentle water exercise. A dedicated space means activities can occur even when the facility is “humming”.

**CONCLUSION 4
MORE THAN A POOL**

Build community ownership and contribution of the facility to the town-centre:

- Inviting façade.
- Opportunities for community handprint through community led artworks.
- Historical photographs and memorabilia.