Basic Infrastructure Requirements

Facilities Workshop

Dion Gosling – Principal Architect
Hello

Why are we here?
To share a story about a little boy...
Athlete | Coach | Player | Sports Psychologist

BLACK STICK 1994-2005

2004 ATHENS OLYMPIC GAMES

COMMONWEALTH GAMES SILVER MEDALIST – MANCHESTER 2002

1998 + 2002 HOCKEY WORLD CUPS

... then
Thinking of How to Connect...

sport + architecture
Creating Opportunities to Connect...

people + organisations
Our Challenge?
To develop a hockey academy

Understand basic infrastructure
Create a Network of Sustainable Hockey Facilities + Infrastructure to Support People
The Idea

What is the basis for your New Opportunity?
Inspired by hockey

Imagine the place you **work**.

Imagine your **home**.

Imagine that **in-between place**...
The In-Between Place

The Third Place
Concept

The Hockey Facility as our Third Place...
Concept

The Hockey Academy as our Third Home...
The Idea

What is the Third Place

Somewhere I go to be *social*
Somewhere I go to *learn.*
Somewhere I can be *safe.*
Somewhere I can strive to *be better.*

Somewhere that is *accessible.*
The Idea – In a Nutshell

It is a place

… that creates us stories.

... is at the intersection of sport and our community...

Inspired by hockey
The Idea

... It’s about...

People + Place
Network
Facilities Development

_SHARED
_SOCIAL
_ORGANISED
_PLANNED + STRATEGIC
_HOCKEY INDIA LEDERSHIP
_FIH SUPPORTED
_COLLABORATIVE
Network
Facilities Development

What does your Third Place look like?
Network
Facilities Development

+ infrastructure

_Size
_Scale
_Model
_Delivery
_Local
What is Infrastructure

What is the Third Place made of?
Avondale learn-to-ride + masterplan?
commercial development?
+ integrated housing?
office?
+ field of play?
+ education spaces?
+ retail?
+ roads?
+ it is everything...
To develop a hockey academy

We require basic infrastructure

How did we get the Kiwi boy to play at the Olympic Games?
Basic Infrastructure Requirements

What is this for Hockey India?

Sport and academy projects are unique:

Where do your projects sit within your building types?
What are the challenges and options?
What have you learned so far?
Where do you think you can go to from here?
The Hierarchy - Where do projects sit?
The Impactors - Challenges and Options?
To Re-cap:

_Clear purpose
_Needs-based
_Reaches the audience
_Strong Governance
_Local delivery supported by national & international talent
_Sustainable funding sources

The social plan = sustainability
What are the basic components

Basic Development v Elite Centre of Excellence
soft_INFRASTRUCTURE
active_PARTICIPATION
help_DISPLACED GROUPS
social capital _PEOPLE
sharing_EFFICIENT USE
fit for purpose_FUNCTION
... CONNECTIONS
high performance vs grass-roots community
Creating an Olympic experience on the Community level
The Challenge

To develop a hockey academy

What is the social and financial balance between High Performance and Community?
How do we Scale it
How do we Design for it
How do we Get Best Value for Money
How do we Better Connect High Performance and Community
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Case Studies
Basic Infrastructure Requirements
Facilities Workshop

Nga Puna Wai

Regional Sports Hub_Christchurch_NZ
“The Olympic Park for the Community.”
The Story

Feb_2011

Sports lost their homes & identity, but didn’t lose traditions, values and ability to re-build.
Partners + Funders

Anchor Sports
• Athletics Canterbury
• Canterbury Hockey Assn.
• Canterbury Tennis
• Canterbury Ruby League

Key Organisations
• Canterbury A&P
• Sport Canterbury
• HPSNZ
• Ngai Tahu
• Canterbury Football
• Christchurch Metro Cricket
• Canterbury Rugby Union

Community
• Local Residents

Christchurch City Council
• Major Facilities Rebuild Unit
• Recreation & Sports Unit
• Planning & Strategy
• Transportation & Infrastructure
• City Environments
• Network Planning Greenspace
• Property & Leasing
hockey

- NZD$120M Masterplan | $50M + Stage I
- 32 hectares of reserve – best use of space
- Co-location & multi-use with other sports
- A Sports Hub for sporting codes
- Playing surfaces as priority
- Cater for the day-to-day needs of the recreational & educational communities
- Overlay national & international events
- 3 FIH Global Elite turf surfaces
- Hockey 1 arena capacity - 3,500 spectators
- Permanent seating for 500
- Temporary seating for further 800
- Video analysis towers & facilities
- Balance of spectators on boulevard
- Hosting of regional + national + international events
- Administration Offices - shared
- Double-sided covered seating with athletics
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Colin Maiden Park

Local Hockey Turf_Auckland_NZ
The Story

2010

Club wanting to “Go Home” to grow hockey in the local community, and provide for local elite player development.
The Vision

Local Club + Regional Elite Academy with Community Programmes
Support from Regional Hockey + Local Council
The Data

- Hockey turfs were a **strategic priority for the region** to meet demand – there was a Regional Facility Plan developed

- **Feasibility report** for CMP established the current and future need

- Hockey **partnership funding** with Council for DC contribution to 55% based on growth – hockey grown 24% nationally in 3 years

- Hockey is regarded as a **leader in facility development** – for playing surfaces development & renewals

- **Endorsement** under the Council Precinct Plan & Projects Works Plan for facility

- **Engagement with local schools** into the facility in partnership with rugby - 6,000 participants for hockey in Auckland – junior / secondary / open grades
The Infrastructure

- Two new artificial hockey turfs – FIH Global Standard
- Two turf training areas – 64m x 15m
- Temporary seating areas – 500 capacity
- Muster area between turfs – safe zone
- Carparking – 35 spaces
- Field lighting – 500 lux
- Video analysis – dugouts - fencing
- Hosting club/community – regional – international fixtures
Project Cost

- New turfs - $4.23M (includes lighting, fencing & irrigation)
- Warm Up / Training Areas - $450k (includes lighting & fencing)
- Circulation - $100k
- Carpark - $1.0M
- Professional fees and consenting (10%) - $500k
- General contingency (10%) - $545k

$7.0M
Funding Plan

- Auckland Council – Development Contributions - $2M
- Community grants: $750k - $1.9M
- Club and Regional Sports Trust: $120k
- Development components to suit funders

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<th>Mid - Best Case</th>
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Structure

- Regional Turf Trust Entity has lease & funding agreement with Council
- Club has access agreement
- Use of adjacent rugby clubrooms as social & admin. centre
- Coaching & Development Director to be appointed
- Revenue to be generated by all users, incl. Hockey NZ & other sports
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Wans Smol Bag

Local Hockey Turf_Port Vila_Vanuatu
The Story

Basic Development

Hockey-friendly film production company connects sport, education, theatre, health, and nutrition in a less-resourced Pacific Island nation.
The Bits - Seed Idea to Final Delivery

Hockey Priority with Other Useful Stuff added around the edges

- Utilise existing infrastructure
- Funding partners split costs
- Hockey5s spectacular to grow numbers
- Strong Governance & Partners
- Sustainable funding sources
The Site
“Academy”

- Contracted International Coaching w/ Local Volunteer – Skillsets Increased & Retained
- Mix of activities
  - 1hr physical + 1hr numeracy + 1hr literacy
- 8-12yrs kids a.m. | 12-16yrs kids p.m.
- Lunch served up – made by locals in Nutrition Centre
- Acting + Drama + Film = Fun stuff kids are into
How Does it Happen

- Private Funding + Australian Government + OHF (FIH) + ONOC
- Can’t leave all admin. & funding tasks up to Academy Coach
- ‘MOU’ required – ROLES | RESPONSIBILITIES | ACCOUNTABILITY
- HOCKEY priority – local access is free
- Other users (Futsal etc) pay - Equipment via other grant

Hockey Funding + External Funding Sources
1-3yrs Contracts = Sustainability
Build the Momentum

Hockey India Leadership w/ Regional Support
FIH Knowledge Networks – National | Regional | Local Governance

Small Steps to Help Conversations
The Process - Typical Development Phases

- Masterplan
- Event Plan
- Legacy Plan
- Social Plan

The social plan
Find Your Stories

“The world is moving so fast that the person who says it can’t be done is generally interrupted by someone doing it”

– Elbert Hubbard –