HUB IS MAKING PUBLIC DOMAINS MORE FUNCTIONAL FOR PEOPLE TO USE

HUB is driven by good, beautiful and functional design. For over 16 years, the HUB team have been dedicated to delivering the highest quality street equipment solutions to the public domain.

Delivering on your project design vision is what we are about. HUB understands that a unique suite of street equipment should be sensitive to the local influences while making a particular precinct unique and recognisable. We believe that street equipment should engage with its context rather than compete with it.

HUB designs and delivers street equipment based on five main product categories: Street Furniture, Multi-Function Poles, Shelters, LED and Public Art.

Whether we are asked to offer a unique design solution or simply realise our client’s vision, HUB has the proven experience and capability to deliver.

Design is our passion. It is from where we strive to lead. Delivery is the realisation of our vision.
> FUNCTIONAL
> DURABLE
> ELEGANT
PRODUCTS
MULTI-FUNCTION POLES

HUB’s Urban Pole Solutions represent a broadly capable range of product options that can be adapted to suit the needs of your project. With a range of different urban pole solutions, HUB definitely has a solution that would be well suited to your needs. Whether it’s the versatility of a Multi-Functional Pole system (MFP), the simplicity of an elegantly unique HUB.Pole, or a customized MFP, HUB’s Urban Pole Solutions will deliver.
REVOLUTIONARY 4 TRACK SYSTEM
HUB has been designing and manufacturing the Smart.Pole® under exclusive authority of the City of Sydney since 2010. Furthermore, HUB was re-appointed through an open tender process as the current designer and supplier of the entire Smart.Pole® System (S1, S2 and S3) on behalf of the City of Sydney for a further 14 years.

There are 3 categories of products within the family known as The Smart.Pole®. These are:

> S1 CBD Smart.Pole®
> S2 VILLAGES Smart.Pole®
> S3 LIGHT RAIL Smart.Pole®

HUB was also appointed as the exclusive designer and supplier of the Smart.Pole® to the City of Parramatta through an open tender process completed in late 2017. The contract secured will run for 5 years.

SMART.POLE BACKGROUND
The Smart.Pole® was conceived by the City of Sydney in 1997 as part of the ambitious streetscape upgrade program that was planned in preparation for the Sydney Olympics in 2000. The simple intent was to develop a pole system that would allow multiple pole mounted accessories to be accommodated on a single pole, thus reducing the clutter from the public domain that typically accumulates in any busy and growing city. The Smart.Pole® is the original Multi-Functional Pole system and has won an Australian Design Award in recognition of its originality and novelty of this new product category.

Since its inception, the Smart.Pole® continues to be successfully rolled out throughout the City of Sydney and many other councils around Australia and internationally. It continues to meet the evolving needs demanded of a truly Multi-Functional Pole system in contemporary urban environments.

S1
CBD Smart.Pole®
Original CBD System that uses a 220mm diameter upper pole

S2
VILLAGES Smart.Pole®
Smaller scale using a 166mm upper pole extrusion

S3
LIGHT RAIL Smart.Pole®
Larger scale, more structurally capable while retaining all of the Smart.Pole multi-functionality
CBD Smart.Pole®

S1A 12M TYPE A
Estimated total load weight: 890kg

S1A 9.6M TYPE AB
Estimated total load weight: 850kg
SIB 9.6M TYPE B
Estimated total load weight: 380kg

ZONE 3 / 5-10m
Streetlight
Outreach
Traffic Lantern
Outreach
Solar
Antenna
Feature Lighting

ZONE 2 / 2-5m
Outreach
Sign
Kerbside
Multi
Audio Unit
Wayfinding

ZONE 1 / 0-2m
Traffic Terminal
Board
Access Hatch
Pedestrian
Push Button
Traffic Monitoring
Technology
Terminal
Board

ZONE 0 / Underground
Anchor Bolts
Conduits
Concrete Reinforced
Footings

SIB 7.2M TYPE C
Estimated total load weight: 344kg

SIB 4.8M TYPE D
Estimated total load weight: 280kg

PRODUCTS / MULTI-FUNCTION POLES / SMART POLE® / S1

Accessories
S2B 7.2M
Estimated total load weight: 330kg

S2C 7.2M
Estimated total load weight: 285kg
S2

**Accessories**

**ZONE 3 / 5-10m**
- Streetlight Outreach
- CCTV
- Antenna
- Banner

**ZONE 2 / 2-5m**
- Street Name Sign
- Kerbside Multi
- Kerbside Single
- Audio Unit
- Pedestrian Lantern
- Flower Basket Outreach

**ZONE 1 / 0-2m**
- Terminal Board
- Push Button
- Bike Ring
- Traffic Monitoring Technology

**ZONE 0 / Underground**
- Access Bolts
- Conduits
- Concrete Reinforced

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**S2C 4.8M**
- Estimated total load weight: 230kg

**S2D 5.0M PT**
- Estimated total load weight: 130kg

**PRODUCTS / MULTI-FUNCTION POLES / SMART.POLE ® / S2**

**Estimated total load weight: 230kg**

**Estimated total load weight: 130kg**

**S2C 4.8M**

**S2D 5.0M PT**
S3A-1
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 4.54kN

S3A-2
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 7.71kN

S3A-3
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 12.87kN

S3C-2
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 12.87kN

S3C-4
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 28.5kN
## S3 Accessories

### Products / Multi-Function Poles / Smart.Pole® / S3

#### S3A-4
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 12.87kN

#### S3C-1
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 4.54kN

#### S3C-2
3.5m/5.5m traffic outreach
Load at 8.5m mast height: 7.63kN

### ZONE 3 / 5-10m
- Streetlight Outreach
- Microrail
- VMS
- Outreach Sign
- Kerbside Sign
- Traffic Lantern
- Outreach Lantern
- CCTV
- Feature Lighting
- Beacon
- Antenna
- Banner
- Pedestrian Lighting

### ZONE 2 / 2-5m
- Street Name Sign
- Outreach Sign
- Kerbside Sign
- Traffic Lantern
- Long Arm Sing
- Audio Unit
- Feature Lighting
- Pedestrian Lantern
- Speaker
- Flower Basket Outreach

### ZONE 1 / 0-2m
- Traffic Terminal Board
- Access Hatch
- Pedestrian Push Button
- Bike Ring
- Traffic Monitoring Technology
- Opal Card
- Power Term Board

### ZONE 0 / Underground
- Anchor Bolts
- Conduit
- Concrete Reinforced Footing
> BEAUTIFUL
> SIMPLE
> TRACKLESS
MULTI FUNCTION POLE
The HUB.Pole is a modular system that starts as an elegant and inexpensive column which, via the addition of the unique HUB Universal Mounting System (UMS), becomes a fully capable, MFP System, that can accommodate all current and future urban pole mounted accessories.

The HUB.Pole accommodates Lighting, Traffic signals, Signage, Banner, CCTV, Solar and Telecommunication accessories and can be custom modified to suit the needs of your project.

The HUB.Pole Multi-Functional Pole System combines a multitude of street pole functions onto a single, beautifully designed structural urban element.

The HUB.Pole system is a fully modular system that can be adapted to the needs of any modern city, both now and in the future. It is fully flexible in terms of:

> Pole Height
> Pole Diameter
> Accessories accommodated immediately
> Accessories accommodated in the future
> Ability to customise the aesthetics to suit the character of each city

**SYSTEM**

The heart of the HUB.Pole system is the UMS, or Universal Mounting System.

The HUB UMS is a patented and easy to install mounting hub which gives the system its multi-functionality. This represents a distinct advancement away from the traditional track based system and the inherent flaws associated with this design approach.

The HUB UMS has allowed HUB to provide a more cost effective, functional, flexible and universal solution to those seeking the distinct advantage offered by this type of public domain infrastructure.

The HUB UMS is only applied when needed and can be added or removed at any time.

The HUB UMS accommodates lighting, traffic, signage and telecommunication accessories. The HUB UMS is a structurally capable and easy to install element that provides maximum flexibility in terms of the broad range of accessories available, mounting height and orientation.

**ACCESSORIES**

The HUB.Pole system is designed to accommodate the complete range of pole mounted accessories typically found in the modern public domain. In addition, the HUB.Pole can be modified to accommodate an even greater range of accessories that may be required now, or in the future.

Please contact us to discuss your specific requirements and we would be happy to work with you to find the solution you are after.

**VARIATIONS**

The HUB.Pole can be customised to ensure it becomes a unique expression of your project.

The HUB.Pole can provide a strong opportunity for any Authority or Council seeking to create a unique sense of place in any public development or City.

Key elements of the system include feature lighting, base cladding, finishes and light outreaches.
HUB has been designing bespoke LED’s for many years. HUB is proud of its leadership and experience in this exciting new market area.

HUB’s LED products are designed and manufactured to exacting quality standards and are proven for use in some of the harshest environments on earth.

HUB’s suite of LED products utilise patented technologies to ensure robustness and longevity.
CUSTOM DESIGNED AUSTRALIAN OPTICS
LOWEST ENERGY COMPLIANT PEDESTRIAN LUMINAIRE IN AUSTRALIA
The NOVA by HUB is a high performance Australian standard compliant residential luminaire. The NOVA utilises the latest in high efficiency Cree LEDs with optics designed specifically for Australian streets. Manufactured and tested to the highest international standards. Both optical and gear compartment comply with IP66 and with an overall weight of less than 4kg. With the lowest power consumption in Australia, this residential street light has been developed to ensure maximum compliance for the lowest cost both capital and operational.

Key features
- CREE High Efficiency chips > 180lm/W
- Custom designed Optics providing full AS1158
- Lowest Power Pedestrian Light in Australia
- Smart control ready
- Manufactured to European and Australian standards

Construction
- Cast aluminium
- Stainless 316 grade stainless
- Gaskets neutral cured extruded silicone
- Corrosion resistant polyester powder coat available

Dimensions
<table>
<thead>
<tr>
<th>HUB.Nova</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (mm)</td>
<td>599.5</td>
<td>120.4</td>
<td>69.5</td>
<td>4 kg</td>
</tr>
</tbody>
</table>

Electrical and Gear
- Total System Wattage <15W, 133 lm/W
- Class I, 220-240V, AC, 50/60Hz

Maintenance
- Long life (70,000-100,000hrs) L80 B10
- High operating temperatures (-30º to 50ºC)
- Replaceable/upgradeable Modules

Compliance
- AS/NZS 1158.3.1
- AS/NZS 1158.6
- IEC 60598
- IK 08
- IP66

Control option
- No PE control
- D2 PE control
- 3 pin, 5 pin, 7 pin Nema Control (Smart City compatible)
INTEGRATED
UNIQUE
REVOLUTIONARY
LED LIGHTING
The HUB.LED is a revolutionary LED Light Fitting that separates differentiates itself from all other LED Street Light fittings by:

> Integrating the LED light fitting into the pole – NO OUTREACH!
> Achieving V Category light levels from 9m mounting height
> Delivering a truly unique aesthetic outcome for urban designers

The HUB.LED utilises the highest efficiency LED’s delivering unprecedented light output, whilst making the light fitting itself virtually invisible. The HUB.LED challenges the established ‘norms’ of lighting by providing a previously unavailable lighting solution for the discerning and innovative lighting or Urban Design Professional.

The benefits of LED Street Lighting are now inarguable:
> 45% Reduction in energy consumption
> 55% Reduction in maintenance
> Significantly reduced carbon emissions
> Full compliance to Australian Lighting Standards

The LED lighting portfolio that HUB offers is innovative and designed for Australian standards.

Top view  Bottom view
The 20/20 Smart.Bin offers public authorities the safest option for waste disposal for use within busy public spaces. The HUB ‘Safer by Design’ 20/20 Bin is a government endorsed product that was designed and developed with the NSW Police Force, University of Technology, Sydney, as well as Sydney Trains and Transport for New South Wales (TfNSW), the largest public transport operator in Australia.
20/20 SMART.BIN

Within an environment characterised by a heightened awareness of security conditions, the bin design used in the public domain must respond to a brief defined by a broad scope of stakeholder expectations. The 20/20 Smart.Bin has successfully achieved compliance to this brief with a focus on offering a solution that provides a high level of visual access to ensure suspicious objects can be detected without obstruction. The deceptively robust design is elegant and simple and is made from stainless steel, clear polycarbonate and cast aluminium.

The 20/20 Smart.Bin can be configured in multiples to provide recycling options as required. The design process for this product took every possible scenario into account, as accessibility for the police bomb detection robot was essential. The lock for the front panel of the bin is at a certain height to allow the robot to easily open the bin to investigate and dispose of any IED’s (Improvised Explosive Devices) or suspicious objects that may have been placed inside. The rear of the bin houses an "X-Ray carrier". This is a slot into which an x-ray panel can be slid so that a detailed x-ray image can be made of any suspicious item held, or thought to be held within the bin.

ARRANGEMENTS

Single Wall Mount
Double Wall Mount
Back to Back Free Standing

RUBBISH REMOVAL

1 Unlock and open door, allowing access to garbage bag hoop
2 Garbage bag hoop tips forward to allow removal and replacement of a new bag. Drip tray slides out to clean excess waste
3 When closed, all edges are protected and drip tray is secured

DECOMMISSIONING

1 Decommission panel held in place with heavy duty spring loaded latch
2 To release decommissioning panel, open bin door and manually release latch
3 Decommissioning panel in open state directs rubbish into rubbish bag below

CHUTE OPTIONS

Angled top prohibits placement of bags
Colour coded garbage chute
Security bi-lock (90° turn)
Standardised signage
Security fasteners allow ease of panel and door replacement
Clear polycarbonate or toughened glass door and side panels
Narrow bin depth
Removable drip tray
Smooth surfaces reduce graffiti
Cast aluminium frame 2 pack paint finish
Standardised signage
> UNIQUE
> SMART
> LEADING
> PROJECTS
FURNITURE

HUB specialises in designing, fabricating and delivering high quality unique suites of furniture to local government areas. HUB acknowledges that a unique suite of street furniture can be sensitive to the local influences while making a particular precinct unique and recognisable. Street furniture plays a vital part in the streetscapes we interact with and a unique suite of furniture unites the landscape giving it a common design language.
CENTRAL PARK SEAT

Central Park is described by Frasers, the developer, as “the missing piece of the puzzle that completes Sydney’s colourful inner-city landscape”. HUB Group was invited by Frasers to contribute to this vision. Taking Ateliers Jean Nouvel concept for a floating blade seat to echo the thrill of the Sky Garden, cantilevered 20 stories overhead. HUB refined the concept, detailed designed, prototyped and fabricated the unique stainless steel seat. Located in the central sunken courtyard, the seats offer refuge and a place for people to meet in a space that connects high end retail and food outlets to the surrounding park and open spaces.
PARK SEAT
Bead - Blasted sandcastings
Oiled Hardwood, with armrests

PARK SEAT2
Bead - Blasted sandcastings
Modwood, without armrests

PARK BENCH
Bead - Blasted sandcastings
Oiled Hardwood, with armrests

PARK BENCH2
Bead - Blasted sandcastings
Modwood, without armrests

PARK PICNIC SET
Bead - Blasted sandcastings
Oiled Hardwood

PARK PICNIC SET2
Bead - Blasted sandcastings
Modwood
PARK SUITE

The Park Suite gives the parklands of the Blacktown local government area a robust and functional suite of furniture elements. The suite is a modern and aesthetically pleasing design that meets the detailed brief set out by Blacktown City Council. The suite is offered in both ‘Spotted Gum’ hardwood and a sustainable alternative of ‘Modwood’. The Park Suite will unify all outdoor furniture elements across the numerous and growing amount of recreational spaces in Blacktown local government area.
URBAN SEAT 1800
Bead - Blasted sandcastings
Oiled Hardwood, with armrests

URBAN SEAT 720
Bead - Blasted sandcastings
Oiled Hardwood, with armrests

URBAN BENCH
Bead - Blasted sandcastings
Oiled Hardwood, with armrests

URBAN DRINKING FOUNTAIN
Powdercoated cast aluminium body
stainless steel drainage system

URBAN BIN
Powdercoated Aluminium chute and roof
Powdercoated galvanized steel panels, with ashtray
URBAN SUITE

This unique suite of street furnishings will be located on the streetscapes of the Blacktown local government area over the next 20/25 years. The Urban Suite combines a modern sleek design with functionality and unity between the seven different elements within the suite. The suite is offered in both ‘Spotted Gum’ hardwood and a sustainable alternative of ‘Modwood’. The Blacktown Urban Suite will uplift the streetscapes in which it inhabits, breathing life into the streets of this ever-growing Sydney suburb.
SYDNEY FOOTBALL STADIUM

The Sydney Football Stadium has seen some of Australia’s biggest sporting and entertainment events. The forecourt area was upgraded to coincide with capital works upgrades to the stadium itself. HUB worked closely with Webb Australia to adapt the HUB.Pole to meet specific lighting and functional requirements of this project. The design intent was to create a high impact entrance concourse to reflect the significance of the venue. HUB’s Multi-Functional Poles, furniture and bronze statues combine to successfully achieve this design vision.
CANBERRA CITY CENTRE

HUB has designed a unique suite of street furniture elements that now feature in the Canberra Central Design Manual. These elements evolved from their original design specification in the Canberra Arts Precinct showcase that is the Childers Street redevelopment. Working closely with AECOM (EDAW), HUB responded with a unique suite of elements that complimented the original design vision for this award winning public domain project.
VICTORIA SQUARE

Victoria Square, Adelaide, was open to the public early November 2015. The park was designed by Taylor Cullity Lethlean, a landscape architectural practice based in Adelaide that has won multiple local and international awards. A feature of the park design are the 2-off custom designed seating, decking and overhead canopies. The decks consist of a number of sections with seats, ottomans, sand filled play pits and bench platforms, all seamlessly rising out of and tying back into the deck.
AUCKLAND CBD

Auckland’s ambitious Streetscape Upgrade Programme, initiated well in advance of the 2011 Rugby World Cup, nominated HUB as the preferred designer and supplier of street furniture to Auckland City Council from its commencement. Since then, working with a number of New Zealand’s best landscape architects, HUB has continued to supply world class street furniture and Multi-Functional Poles to the many exciting projects being undertaken in Auckland.
AUCKLAND, QUEEN STREET

Auckland is undertaking an upgrade of the public spaces in its CBD in order to re-establish itself as the “Capital of the Pacific”. As the preferred supplier of street furniture to Auckland City Council, HUB has developed a unique suite of key furniture elements for the entire CBD of Auckland City. At the centre of this suite is a range of seating options utilising investment cast stainless steel that has raised the bar of what public domain seating can be.
AUCKLAND, JELLICOE STREET

As part of Auckland’s ambitious Streetscape Upgrade Programme, initiated well in advance of the 2011 Rugby World Cup, Auckland City Council nominated HUB as the preferred designer and supplier of the street furniture from the commencement of the project. HUB designed a bespoke suite of street elements that are located on Auckland’s Jellico Street. HUB have continued to supply world class street furniture and Multi-Function Poles to many exciting projects being undertaken in Auckland.
NEW ZEALAND,
FEDERAL STREET

Federal Street Auckland is the key entry street to the Sky Tower, Sky Casino and Sky Grand Hotel, all major attractions in Auckland. The Boffa Miskell custom designed space and furniture of two toned polished stone seats contrasting with the dark stone pavement, thus delineating traffic and pedestrian spaces. A ceiling of fairy lights stretched across the street gives the sense of a bizarre, the light then reflects off the pavement and seating, heightening the sense of entertainment and excitement. HUB also designed and supplied the 15m high sculptural tower hiding the bank of flood lights aimed at the Sky Tower base. This new shared zone has attracted a new level of high end restaurants and entertainment adding to the popularity of Auckland’s gateway street.
CHRISTCHURCH, BOTANIC GARDENS

Christchurch City Council selected HUB’s bench to complement the architecture of the new Botanic Gardens Information and Convention Centre. The seating is used to highlight the entry of the new building and flanks the length of the building and public forecourt. To accentuate this linear form, HUB modified and extended the length of the S1 bench to reflect this architectural aesthetic. The stainless steel frame and rod slats of the seat reflect the clean, crisp look the glass and white steel of the building, most evident after a sun shower so common in Christchurch, producing each time a unique and natural sparkle at the heart of the Christchurch’s Botanic Gardens.
LUSAIL CITY, MARINA SUITE

Lusail City situated in the north of Doha in Qatar, is a 38 sq. km development described as a “City of the Future”. After an exhaustive international selection process, HUB was selected as a preferred supplier having presented 6 suites of furniture which included complimentary suites of multi-functional poles, unique paving designs and pedestrian shelters. In the initial roll-out, featuring 2 of the 6 suites, the quality of the design has already been recognised through the receipt of an Australian International Design Award. This development will continue towards the 2022 World Cup, with additional suites being introduced as required.
LUSAIL CITY, QETAIIFAN SEAT

The focal point of the Lusail site, Island Resort has a unique suite of furniture designed for it which aims to capture the essence of the “water is life” theme. The elements are modern in form and display a level of attention to material use and finish that promotes the highest level of quality. The forms and materials reflect the aquatic lifestyle seen both above and below the surrounding waters. The pieces are slick and high end with reference to an elegance displayed by the watercraft and sea creatures of the region. Inspired by the simple beauty and harmony expressed in the form of the nautilus shell.
In addition to our award winning Multi-Function Pole range, HUB can also provide unique, customised solutions designed specifically around your project. HUB can realise your concepts or can create concepts from a clean sheet of paper, the choice is yours. Our team of in-house industrial designers are always on hand to answer any technical questions you may have.
HUB-Group were engaged by North Sydney Council to design, fabricate and deliver our HUB.Pole into the North Sydney Council area. North Sydney Council wanted to make this suite of Multi-Function Poles unique and recognisable to this area.

Working with HUB’s inhouse Industrial Designers, a semi-bespoke solution was created. The North Sydney HUB.Pole has a bespoke stainless steel rose gold cladding which sets it apart from other Multi-Function Poles in the Sydney Area. To date, HUB have supplied approximately 200 HUB.Poles into the North Sydney Council Area.
Since 2010, HUB have been the incumbent supplier of Smart.Poles to the City of Sydney. Since then HUB have been designing and developing the Smart.Poles to be up to date with current trends. Presently there are three different suites, each serving a different purpose, be it design or capability.

HUB, through an open tender process again won the tender to supply the Smart.Pole for another 14 years, till the year 2029.
SYDNEY LIGHT RAIL

As part of HUB’s previous contract with the City of Sydney and under the terms of that contract, HUB was engaged to design the next generation Smart.Pole® for the Sydney Light Rail project – The S3 Smart.Pole® suite. To date HUB have delivered three quarters of the Sydney Light Rail poles to this major infrastructure project. The S3 Smart.Pole® has also been structurally engineered and certified to support the centenary loads in place allowing the light rail trams to run, as well as this the S3 range of Smart.Poles have been designed to internally house smart city functions. Transit card readers, CCTV, integrated LED pedestrian and road light, Smart controlled LED lighting system, decorative beacon, speaker and help button are just some of the Smart City functions the S3 Smart.Pole is capable of housing. With new technologies converging on our urban spaces all the time, HUB will continue to develop the design of the S3 Suite.
LUSAIL CITY

HUB has designed six completely unique suites of furniture including light poles for Lusail City in Doha’s north. One of the most ambitious developments in the Middle East, HUB’s product compliments the key design and performance objectives set for this world class development.
HAMAD INTERNATIONAL AIRPORT

HUB worked closely with LDP to develop a series of unique lighting poles for the main access thoroughfare to the Hamad International Airport, Ras Abu Abboud Road. The client wanted a strong and unique visual element to feature along the main approach of this world class development. The arabesque patterning of the cladding of these 28m high mast poles is back lit with colour changing RGD LEDs to create a dramatic and memorable night time experience for visitors arriving or departing Doha. HUB has also designed a complementary set of street light poles, flag poles and series of street furniture elements for use throughout the Hamad International Airport.
HUB was engaged by TDIC, Master Developer and Strategic Partner for the Saadiyat Island Project, to design and supply a custom street light pole for the Saadiyat Island Bridge and Expressways Project in Abu Dhabi.

The Saadiyat Island development has engaged some of the world’s leading architects in order to establish the island as an internationally recognised cultural hub.

The highest design standards have been set for Saadiyat and HUB is honoured to be selected to contribute our services to such an important project.
SHELTERS

HUB has applied its core design principles to the exciting area of pedestrian shelter systems for the public domain. To cater to this market HUB has developed two systems that represent the ‘catalogue’ options on offer: the HUB.Stop and HUB.Shelter both have been successfully installed at busy transport interchanges. Both systems have been designed to be adaptable to various different streetscape design scenarios.
LANE COVE PLAZA

Lane Cove shopping centre is experiencing a revitalisation as new developments continue in and around Lane Cove Plaza. The new custom designed shelter system for diners responds to this change and was based on a concept by the BN Group. The shelter is highly adaptable to changing environmental conditions and patronage demand. In concert with the existing mature trees, the delicate leaf pattern in the 6m wide glass roof creates a dappled light and shade effect. The operable roof and wall screens control sun/shade and wind. The planter boxes with vines introduce visual interest, scent and delineate space. The otherwise heavy steel structure is softened with the use of hardwood timber cladding and detailing, further homage to the existing trees.
SUTHERLAND INTERCHANGE

The HUB.Shelter System has also been successfully employed at the Sutherland Transit Interchange. Located at a key interchange between train and bus services in the Sutherland Shire, the shelter provides for the needs of the thousands of commuters that pass through this location every day. Incorporating lighting, seating, shelter and signage, the HUB.Shelter installed at the Sutherland Interchange provides the necessary safety and comfort in a simple and elegant design.
The Central Connector or Central Transit Corridor is a significant transit thoroughfare that serves the needs of commuters into Auckland City. The HUB.Shelter system has been deployed, in various configurations along key sectors of the CTC. The system needed to be flexible enough to adapt to the various site conditions, commuter types and densities, signage needs and shelter requirements at each unique location it was installed at. The HUB.Shelter System has successfully met all these performance requirements while also fitting within the client’s procurement and maintenance budget parameters.
Education City HUB.Stop

Education City in Doha, Qatar, has rolled out the HUB.Stop shelter system throughout this world class development. The system incorporates contemporary materials and finishes including extruded aluminium framing, laminated safety glass, LED lighting, solar panels and signage.

The HUB.Stop is an elegantly simple shelter system that can be arranged and finished in a wide variety of configurations. The HUB.Stop utilises contemporary manufacturing techniques and materials and can incorporate lighting, VMS, solar panels, seating, signage and a wide variety of roofing panels and is simple to install and maintain.

HUB.Stops are very sophisticated, small scale, engineered aluminium structures featuring built in drainage and cabling solutions. Using custom extrusions as the back bone of the manufacturing process, the shelter is a cost effective solution whilst providing maximum modularity, ease of assembly and a greatly reduced parts count. The shelter has been designed with humans in mind, be it the users, clients or maintenance personnel. Maintenance is minimal and easy.
HAMAD INTERNATIONAL AIRPORT SHELTERS

The HIA Shelter is a custom design, air conditioned shelter designed for use within the long term carpark of the Hamad International Airport. Featuring double automatic sliding doors and upholstered seating, these unique shelters provide travellers with a comfortable retreat from the heat while they wait for the courtesy bus to take them to the main terminal in this world class airport development.
HUB works cooperatively with artists and architects to turn visionary concepts into reality. Through design and research HUB can ensure that the artistic vision is retained while delivering a robust public solution.

Significant public projects demand impressive public art installations. Public art installations need to provide a bold visionary statement and withstand the rigours of the public environment.

HUB embraces the concept of going where no others have been. Typically Public Art will stretch the boundaries of materials and their application in the public domain.
SYDNEY OLYMPIC PARK, EVENTFUL PATH

Situated outside the train terminal at Sydney Olympic Park, An Eventful Path is an in-ground, illuminated glass walkway designed by Aspect and supplied and installed by the team at HUB. It commemorates the significant sporting events that have occurred at Sydney Olympic Park.
SYDNEY OLYMPIC PARK, BRICKPIT RING

The Brickpit Ring was a design & construct contract.

The contractor, CA&I, engaged HUB to design and supply the modular aluminium panel system that formed both the inner and outer walls of the structure.

HUB worked closely with the architect, Durbach Block and the team at SOPA to resolve this simple, elegant and visually consistent solution.
MULTI FUNCTION CANOPY POLE (MFCP)

The Childers Street project is the cultural heart of Canberra.

The architect’s bold vision has been realised by HUB and the HUB MFCP is the strongest and most colourful visual element in the site.

Significant technical and engineering issues were overcome in order to deliver this demanding yet inspirational and unique project.
Source Artwork

Integral to the overall CBD upgrade of Auckland City is a vibrant and enriching public art program. A central part of that program is the Civic Artwork – Source.

The intent of Source is to reflect the primordial landscape of Queen Street, Auckland when it was the Horotiu stream.

HUB has worked closely with the artist Elizabeth McClure, the architect Henry Crothers (Achitectus) and the team from Auckland City to design, evolve, sample, prototype, test and produce Source.
‘REO’ SEATING

Working with Architectus, HUB provided technical and fabrication expertise for the cast bronze REO word art sculpture. The cast REO letters are lit from underneath and ‘float’ at the Library entrance. The sculpture sits on shock absorbing mounts should a vehicle collide with a REO letter - given the number of dents in the cast letters, this system has proven successful.
DARBY STREET SEATING

The ‘floating’ custom stone seating designed by Architectus, was achieved after multiple prototypes exploring how to seamlessly cut and join the stone into its final sculptural ‘S’ form. Another challenge was to integrate hundreds of LED lights into the surface of the seat, but prototyping proved this idea unworkable and was replaced with lighting underneath the seat.