

BGIS | **hfm**

ENERGY AND SUSTAINABILITY SOLUTIONS



Making sustainability real

We are not your typical facilities management company. We are leaders in building efficiency. We offer tailored engineering solutions to improve the efficiency of any building anywhere in Australia.

From strategic advisory services to practical solutions, our people have the technical excellence to support clients achieve sustainability and net zero goals.

BGIS provides Australia and our international neighbours with a blend of building performance management, sustainability and utility consultancy, along with traditional facility management to improve an asset's performance, lifecycle and bottom line.



Asset management

Optimise asset efficiency and minimise risk.



Building Improvements | Energy & Water

Transform your property into a high-performance asset with optimal resource management.



Solar & Renewables

Engineering cost-effective solutions for a sustainable future.



Facility Advisory

We make sites work.

Journey to Net Zero

A facilities management approach to setting a net zero target for your building or organisation should include these key steps.

Step 1

Selection of a baseline year



Step 2

Prepare a carbon inventory



Step 3

Choose target reduction and year



Step 4

Calculate reductions needed to achieve targets



Step 5

Prepare and implement a decarbonisation strategy



Step 6

Track progress



Step 7

Disclose target progress annually





Asset management

Optimise asset efficiency and minimise risk.

Take control of your risk and compliance issues with the support of a skilled and experienced team of asset management engineers and building improvement professionals.

Our services include:

- Consulting and design - bespoke strategies to improve your assets' performance while minimising risk.
- Meter network review - fix electricity on-charge issues, identify energy savings and energy on-sell profit improvements.
- Project management - any size or scale including mechanical, electrical, lighting, renewables, refurbishments, defects and upgrades.

Asset management for NSW Department of Communities and Justice



Client:
Department of Justice



Location:
New South Wales



Sector:
Government

Highlights: Develop site operations manuals | Asset data capture | Security service asset validation | Facilities audit | Conservation management plans administration support.

Asset management solutions for Silver Chain portfolio of properties



Client:
Silver Chain



Location:
Australia



Sector:
Aged care

Highlights: Detailed plant and equipment asset register | Holistic building condition assessment | Audit (incl. CAPEX) | Risk identification | myBuildingsTM software.

Sailing club achieves significant savings and improved efficiency



Client:
Confidential



Location:
Western Australia



Sector:
Sport and recreation

Highlights: Life cycle cost analysis | Condition inspection | Recommended actions and budget estimate | 21% reduced electricity costs | 68% reduced gas costs.

Northlands Shopping Centre in WA forges a pathway to energy efficiency



Client:
Primewest

Location:
Western Australia

Sector:
Commercial

Highlights: Project management of a commercial-sized solar PV installation utilising rooftop | 11,661kg A/C units lifted onto roof platform | 958.4kW cooling capacity installed | 327.7m walkways laid | 365.5m² unit platforms erected

Comprehensive sustainability plan for Murdoch University



Client:
Murdoch University

Location:
Western Australia

Sector:
Education

Highlights: Maintenance specs plan | Assets review | Documentation review and feedback on mechanical, automatic doors, electrical, lifts, fire services, grease trap, BMS, hydraulic and stormwater.

Building audits and asset management plans for 11 sporting facilities



Client:
VenuesWest

Location:
Western Australia

Sector:
Sport and recreation

Highlights: Audits and plans for WA Athletics Stadium, RAC Arena, HBF Stadium, Champion Lakes Regatta Centre, Speed Dome, Bendat Stadium, WA Institute of Sport, Gold Netball Centre and WA Rugby Centre.

Building audits and asset management plans for local government facilities



Client:
Shire of Capel

Location:
Western Australia

Sector:
Local Government

Highlights: Audits and plans for Shire of Capel, Jack & Mary Kitchen, Boyanup Kilpatrick Hall, Gelorup, Dalyellup and Peppermint Grove Beach Community Centres.

Social housing benefit from annual property condition reports



Client:
Foundation Housing

Location:
Western Australia

Sector:
Social housing

Highlights: Property condition surveys and reports | +12,000 residential housing property condition reports annually.



Building Improvements | Energy & Water

Transform your property into a high-performance asset with optimal resource management.

We'll help you maximise the efficiency of your existing assets, formulate recommendations for future upgrades and implement renewable energy systems at your site to reduce costs and your reliance on grid supplied electricity. With our in-house engineering, experience and market-leading technology; we measure, improve and monitor the environmental performance of assets, companies and processes across Australia to make them more efficient.

Our services include:

- Energy procurement - secure the best energy rates, negotiate key terms and save money.
- Energy and water audit - allocate your resources to save energy and water costs.
- Water and energy consulting - customised solutions to improve building performance, optimise efficiency and reduce costs.
- Energy management plan - customised to reduce energy consumption and achieve targets.
- Utilities monitoring platform - monitor utilities and CO2 via a powerful cloud-based monitoring and reporting platform.

Building improvements for NSW Department of Communities and Justice



Client:
Department of Justice



Location:
New South Wales



Sector:
Government

Highlights: Energy, water, waste management plans | Energy audit | Solar opportunities analysis and reports | Energy, water and waste monitoring | Dashboard reporting | GREP report.

Asset management solutions for Silver Chain portfolio of properties



Client:
IBM



Location:
Western Australia



Sector:
Commercial

Highlights: from 0-Star NABERS rating to 5.5-Star NABERS rating | emissions fell 47% in the 12 months following refurbishment | installed 185KW of renewables on the roof.

First WA commercial building to achieve a 6-star NABERS rating



Client:
Elanor / WorkZone West



Location:
Western Australia



Sector:
Commercial

Highlights: the first office building in WA to achieve a 6-star NABERS rating without greenpower | uses almost 3 times less electricity than an average Perth office building.

Hotel achieves 5-star NABERS energy rating and environmental award



Client: Confidential

Location: Western Australia

Sector: Hospitality

Highlights: Expenditure down \$161K | Electricity consumption down 37% | Gas consumption down 27% | Water consumption down 23%.

Healthcare provider saves over \$1.2 million per year in energy costs



Client: Confidential

Location: Western Australia

Sector: Health

Highlights: Energy costs reduced by \$1.2m per year | 89% cost savings in electricity | 11% cost savings in gas.

Australian university saves over \$1.7 million in electricity and gas



Client: Confidential

Location: Western Australia

Sector: Education

Highlights: A combined electricity and gas savings of \$1.7 million over three years.

Government building saves \$169K in energy by testing the market



Client: Confidential

Location: Australian Capital Territory

Sector: Government

Highlights: Energy charges reduced by approximately \$169K during the contracted period | gas charges reduced by \$6K per year | A combined saving of \$50K per year.

VenuesLive energy procurement at Optus Stadium



Client: VenuesLive / VenuesWest

Location: Western Australia

Sector: Hospitality

Highlights: Perth's biggest stadium now contracts energy transparently, allowing the venue to gain insights into the energy cost drivers and manage their load to achieve real savings.

NABERS energy rating program across national ISPT Portfolio



Client: ISPT

Location: Australia

Sector: Commercial

Highlights: NABERS energy, water and co-assess rating program across national ISPT portfolio | Retail Green Star performance and Industrial environmental ratings program.



Solar & Renewables

Engineering cost-effective solutions for a sustainable future.

Our cohesive blend of sustainability and engineering consultancy with asset management and facility advisory provides cost-effective renewable energy solutions to improve your site's performance and boost your bottom line.

We specialise in:

- Solar energy
- Battery storage
- Wind energy
- Electrical vehicle charging stations
- Heat recovery
- Geo-thermal

Forty percent of shopping centre's energy is now powered by solar



Client:
Confidential

Location:
New South Wales

Sector:
Retail

Highlights: Approximately 40% of the Shopping Centre's overall energy needs are now being delivered by solar-generated power.

Sixty four percent energy reduction at Karratha International Hotel



Client:
Prendiville Group

Location:
Western Australia

Sector:
Hospitality

Highlights: Annual electricity decreased by 64% (when compared to 2010) | The Hotel went from a 1.5-Star NABERS rating to 5-Star NABERS rating.

Solar carpark powers Primewest Broome Blvd Shopping Centre



Client:
Primewest

Location:
Western Australia

Sector:
Retail

Highlights: 3.6K solar panels across 8Ksqm supplying 45% of the centre's electricity (equivalent to 1,540 tonnes of CO2 pa) | Consumption dropped from 4.8m to 2.4m kWh consumed pa | Solar offset: 2,397,480 kWh (49%).



**Primewest Broome Boulevard Shopping
Centre Solar Carpark, WA – winner of the 2021
Royal Institute of Chartered Surveyors Awards
(sustainability category) and Australia’s largest
regional solar undercover carport (1.3MW).**





Facility Advisory

We make sites work.

We provide professional advice on what to do and what to avoid to achieve best operation. Protect your assets and increase capital growth while minimising risks.

Our services include:

- Facility management - strategies to improve the performance of your site and assistance to develop and implement systems best suited to your operations.
- Facilities support - office-based technical support with scheduled site visits.
- Building defect inspections - identify defects, record logging and manage rectification.

Luxury residential complex reduces their energy costs



Client:
Confidential

Location:
Western Australia

Sector:
Residential

Highlights: Approximately 6.2% energy cost reduction | 2% gas cost reduction.

Over \$590K of combined savings across 12 hotels



Client:
Confidential

Location:
NSW, VIC and WA

Sector:
Hospitality

Highlights: \$590K saved per year across 12 hotels | Maintenance practice improvement program for more than 46 hotels and growing.

Melbourne Convention and Exhibition Centre (MCEC)



Client:
MCEC

Location:
Victoria

Sector:
Hospitality

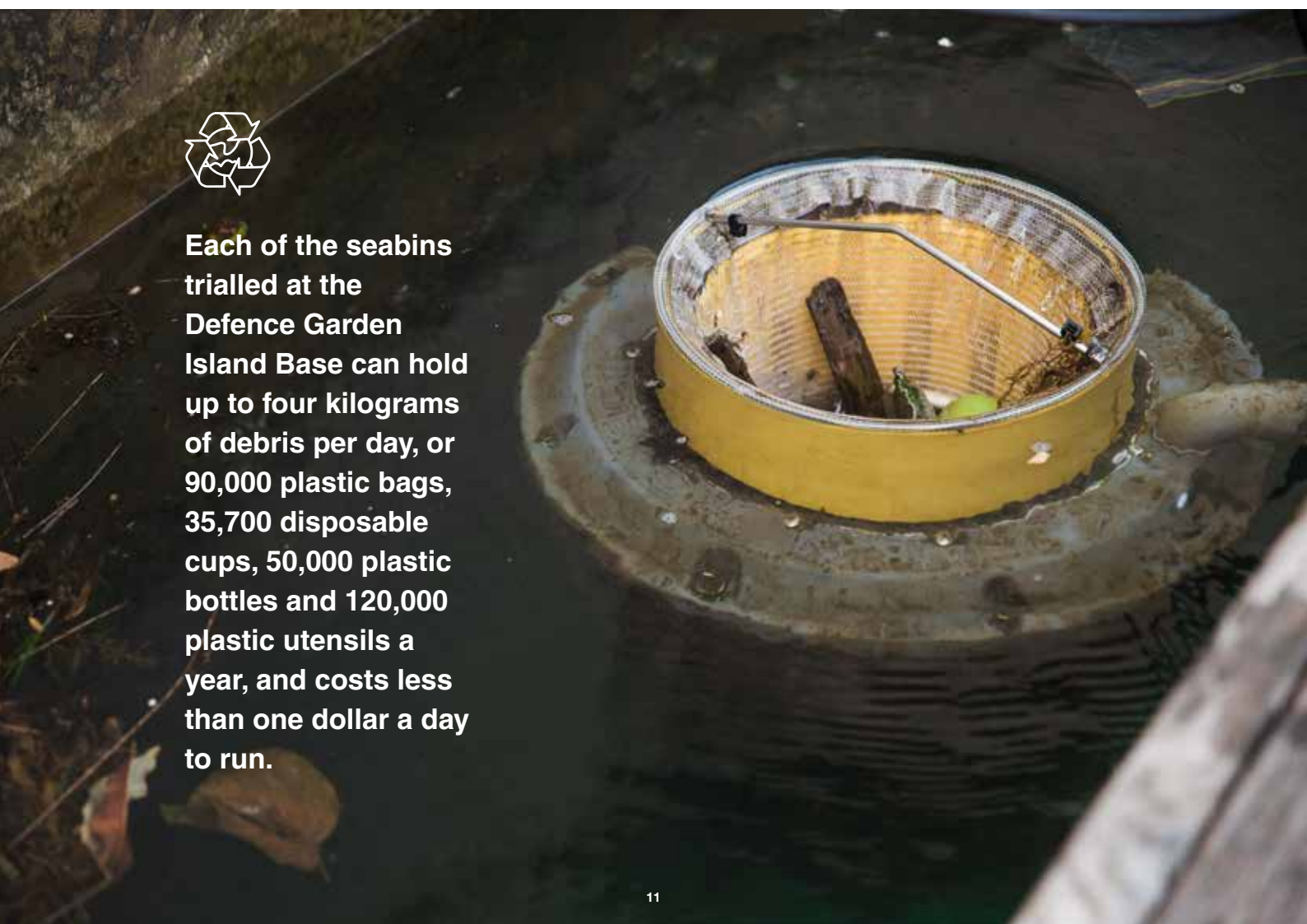
Highlights: Feasibility study | Solar energy | System modelling and analysis | Maintenance and end-of-life solutions | innovations.



Our feasibility study for the NSW Department of Communities and Justice enabled a transition to solar power and provided them with a critical infrastructure review.



Each of the seabins trialled at the Defence Garden Island Base can hold up to four kilograms of debris per day, or 90,000 plastic bags, 35,700 disposable cups, 50,000 plastic bottles and 120,000 plastic utensils a year, and costs less than one dollar a day to run.





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