

Projekt: PHN, Marina Office, Gdynia

BREEAM International New Construction 2016, C&S	Szacowany wynik:		VERY GOOD
	Punkty MAX	Kryteria wymagane na Very Good	Kryteria aplikowane
MANAGEMENT			
Man 01 Project brief and design			
Stakeholder consultation (project delivery)	1		0
Stakeholder consultation (third party)	1		1
Sustainability champion (design)	1		0
Sustainability champion (monitoring progress)	1		0
Man 02 Life cycle cost and service life planning			
Elemental life cycle cost (LCC)	2		2
Component level LCC options appraisal	1		0
Capital cost reporting	1		1
Man 03 Responsible construction practices			
Prerequisite - Legally harvested and traded timber	ok		ok
Prerequisite - National health and safety legislation	ok	ok	ok
Environmental management	1		
Sustainability champion (construction)	1		
Considerate construction	2		2
Monitoring site impacts - Utility consumption	1		1
Monitoring site impacts - Transport of construction materials and waste	1		1
Exemplary level criteria	1		
Man 04 Commissioning and handover			
Commissioning and testing schedule and responsibilities	1		1
Commissioning building services	1		1
Testing and inspecting building fabric	1		
Handover	1		1
Man 05 Aftercare			
Aftercare support	N/A		
Seasonal commissioning	N/A		
Post-occupancy evaluation (POE)	N/A		
Exemplary level criteria	N/A		
HEALTH AND WELLBEING			
Hea 01 Visual comfort			
Prerequisite - High frequency ballasts	N/A		
Glare control	N/A		
Daylighting	1		1
View out	1		0
Internal and external lighting levels, zoning and control - Internal lighting	N/A		

Internal and external lighting levels, zoning and control - External lighting	1		1
Internal and external lighting levels, zoning and control - Zoning and occupant control	N/A		
Hea 02 Indoor air quality			
Prerequisite - Asbestos prohibition	ok	ok	ok
Minimising sources of air pollution - Indoor air quality (IAQ) plan	N/A		
Minimising sources of air pollution - Ventilation	1		1
Minimising sources of air pollution - Emissions from building products	N/A		
Minimising sources of air pollution - Post construction indoor air quality measures	N/A		
Adaptability - Potential for natural ventilation	1		0
Exemplary level criteria	N/A		
Hea 03 Safe containment in laboratories			
Laboratory containment devices and containment areas	N/A		
Buildings with containment level 2 and 3 laboratory facilities	N/A		
Hea 04 Thermal comfort			
Thermal modelling	1		1
Adaptability - for a projected climate change scenario	1		1
Thermal zoning and controls	N/A		
Hea 05 Acoustic performance			
Prerequisite - A Suitably Qualified Acoustician	ok		ok
Indoor ambient noise and sound insulation	1		1
Reverberation times	N/A		
Hea 06 Accessibility			
Safe access	1		1
Inclusive and accessible design	1		0
Hea 07 Hazards			
Risk assessment	N/A		
Hea 09 Water quality			
Minimising risk of contamination	1	kryterium 1	1
Provision of fresh drinking water	N/A		
ENERGY			
Ene 01 Reduction of energy use and carbon emissions			
Energy performance	up to 15		14
Exemplary level criteria	up to 5		
Ene 02 Energy monitoring			
Sub-metering of major energy-consuming systems	1	1	1
Sub-metering of high energy load and tenancy areas	1		
Ene03 External lighting			
External lighting efficiency	1		1
Ene 04 Low carbon design			
Passive design - Passive design analysis	1		
Passive design - Free cooling	1		
Low and zero carbon technologies - Low zero carbon feasibility study	1		1

Ene 05 Energy efficient cold storage			
Energy efficient design, installation and commissioning	N/A		
Energy efficient criteria	N/A		
Indirect greenhouse gas emissions	N/A		
Ene 06 Energy efficient transport systems			
Energy consumption	1		1
Energy efficient features	2		2
Ene 07 Energy efficient laboratory systems			
Prerequisite	N/A		
Design specification	N/A		
Best practice energy efficient measures	N/A		
Ene 08 Energy efficient equipment			
Energy efficient equipment	N/A		
TRANSPORT			
Tra 01 Public transport accessibility			
Accessibility Index	up to 3		3
Tra 02 Proximity to amenities			
Proximity to amenities	1		1
Tra 03 Alternative modes of transport			
Alternative modes of transport	2		2
Exemplary level criteria	1		1
Tra 04 Maximum car parking capacity			
Car parking capacity	up to 2		2
Tra 05 Travel Plan			
Travel Plan	1		1
WATER			
Wat 01 Water consumption			
Water consumption	up to 5	1	5
Exemplary level criteria	1		
Wat 02 Water monitoring			
Water monitoring	1	kryterium 1	1
Wat 03 Water leak detection and prevention			
Leak detection system	1		1
Flow control devices	1		
Leak isolation	N/A		
Wat 04 Water efficient equipment			
Water efficient equipment	1		1
MATERIALS			
Mat 01 Life cycle impacts			
Life cycle impacts	up to 5		0

Environmental Product Declaration (EPD)	1		1
Exemplary level criteria	1		
Mat 03 Responsible sourcing of construction products			
Prerequisite - Legally harvested and traded timber	ok	ok	ok
Sustainable procurement plan	1		
Responsible sourcing of construction materials	up to 3		
Exemplary level criteria	1		
Mat 05 Designing for durability and resilience			
Designing for durability and resilience	1		1
Mat 06 Material efficiency			
Material efficiency	1		
WASTE			
Wst 01 Construction waste management			
Construction waste reduction	2		2
Diversion of resources from landfill	1		1
Diversion of resources from landfill - Exemplary level criteria	1		1
Wst 02 Recycled aggregates			
Recycled aggregates	1		0
Exemplary level criteria	1		0
Wst 03a Operational waste			
Operational waste	1		1
Wst 04 Speculative finishes			
Speculative finishes	N/A		
Wst 05 Adaptation to climate change			
Adaptation to climate change - structural and fabric resilience	1		0
Exemplary credit - Responding to adaptation to climate change	1		0
Wst 06 Functional adaptability			
Functional adaptability	1		1
LAND USE AND ECOLOGY			
LE 01 Site selection			
Previously occupied land	up to 2		2
Contaminated land	1		0
LE 02 Ecological value of site and protection of ecological features			
Ecological value of site	1		0
Protection of ecological features	1		1
LE 04 Enhancing site ecology			
Ecologist's report and recommendations	1		1
Increase in ecological value	up to 2		2
LE 05 Long term impact on biodiversity			
Long term impact on biodiversity	ok		ok
	up to 2		2

POLLUTION

Pol 01 Impact of refrigerants

Prerequisite - appropriate regulation fulfilled	ok		
Impact of refrigerant	2		0
Leak detection	1		0

Pol 02 NOx emissions

NOx emissions	up to 2		0
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Pol 03 Surface water run-off

Flood resilience	up to 2		0
Surface water run-off	2		0
Minimising watercourse pollution	1		0

Pol 04 Reduction of night time light pollution

Reduction of night time light pollution	1		1
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Pol 05 Reduction of noise pollution

Reduction of noise pollution	1		1
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