



UI GreenMetric Questionnaire

University : Baku State University
 Country : Azerbaijan
 Web Address : <http://bsu.edu.az/en>
 SDG Focused Web Adress: <https://sdg.bsu.edu.az/>

[2] Energy and Climate Change (EC)

[2.9] Elements of Green Building Implementation as Reflected in All Buildings (EC.6)

GBI Non-Residential Existing Building	Buildi ng 1	Buildi ng 2	Buildi ng 3	Buildi ng 4	Buildi ng 5
Element 1. Energy Efficiency	V	V	V	V	V
Design & Performance	V	V	V	V	V
Minimum EE Performance					
Lighting Zoning	V	V	V	V	V
Electrical Sub-metering		V		V	
Renewable Energy	V	V	V	V	V
Advanced or Improved EE Performance - BEI		V		V	
Commissioning	V	V	V	V	
Enhanced or Re-commissioning	V	V		V	
On-going Post Occupancy Commissioning		V	V	V	
Monitoring, Improvement & Maintenance	V	V	V	V	V
EE Monitoring & Improvement	V	V	V	V	V
Sustainable Maintenance	V	V	V	V	V
Element 2. Indoor Environmental Quality	V	V	V	V	V
Air Quality	V	V	V	V	V
Minimum IAQ Performance					
Environmental Tobacco Smoke (ETS) Control	V	V	V	V	V



Carbon Dioxide Monitoring and Control	V			V	
Indoor Air Pollutants	V		V		V
Mould Prevention	V	V	V	V	V
Thermal Comfort	V	V	V	V	V
Thermal Comfort: Controllability of Systems	V	V	V	V	V
Air Change Effectiveness	V	V	V	V	V
Lighting, Visual & Acoustic Comfort	V	V	V	V	V
Daylighting	V	V	V	V	V
Daylight Glare Control	V	V	V	V	V
Electric Lighting Levels	V			V	
High Frequency Ballasts	V	V	V	V	V
External Views	V		V		V
Internal Noise Levels	V	V	V	V	V
Verification	V	V	V	V	V
IAQ Before/During Occupancy					
Occupancy Comfort Survey: Verification	V	V	V	V	V
Element 3. Sustainable Site Planning & Management	V	V	V	V	V
Facility Management	V	V	V	V	V
GBI Rated Design & Construction					
Building Exterior Management	V	V	V	V	V
Integrated Pest Management, Erosion Control & Landscape Management	V	V	V	V	V
Transportation					
Green Vehicle Priority - Low Emitting & Fuel Efficient Vehicles		V			V
Parking Capacity	V	V	V	V	V



Reduce Heat Island Effect					
Greenery & Roof	V	V	V	V	V
Building User Manual	V	V	V	V	V
Element 4. Materials & Resources	V	V	V	V	V
Reused & Recycled Materials	V	V	V	V	V
Materials Reuse and Selection	V	V	V	V	V
Recycled Content Materials	V	V	V	V	V
Sustainable Materials & Resources and Policy	V	V	V	V	V
Sustainable Timber		V		V	
Sustainable Purchasing Policy	V	V	V	V	V
Waste Management	V	V	V	V	V
Storage, Collection & Disposal of Recyclables	V	V	V	V	V
Green Products	V	V	V	V	V
Refrigerants & Clean Agents	V	V	V	V	V
Element 5. Water Efficiency	V	V	V	V	V
Water Harvesting & Recycling	V	V	V	V	V
Rainwater Harvesting	V	V	V	V	V
Water Recycling		V		V	V
Increased Efficiency	V	V	V	V	V
Water Efficient - Irrigation/Landscaping	V		V		V
Water Efficient Fittings		V	V	V	
Metering & Leak Detection System	V	V	V	V	V
Element 6. Innovation		V		V	
Innovation & Environmental Initiatives		V		V	



Green Building Index Facilitator		V		V	
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Description:

All buildings on campus incorporate multiple green building principles aimed at improving energy efficiency, reducing environmental impact, and enhancing occupant well-being. The implementation includes more than three core elements, as outlined below:

1. Energy Efficiency Measures: Buildings are designed and retrofitted to reduce overall energy consumption through:

- Use of energy-efficient lighting systems (e.g., LED lighting)
- Installation of motion and daylight sensors
- Energy-efficient HVAC systems with optimized control mechanisms

2. Water Efficiency Systems : Sustainable water management practices are integrated into building operations:

- Installation of low-flow faucets and sanitary fixtures
- Water-saving technologies in restrooms and laboratories
- Systems supporting reduced water leakage and monitoring consumption

3. Sustainable Materials and Construction : Green principles are applied in construction and renovation processes:

- Use of environmentally friendly and locally sourced building materials
- Incorporation of recyclable and low-impact materials
- Reduced use of hazardous substances in construction

4. Indoor Environmental Quality : Buildings are designed to ensure healthy and comfortable indoor environments:

- Improved natural ventilation and air circulation systems
- Maximized natural daylight in classrooms and offices
- Use of low-VOC (volatile organic compound) paints and finishes

5. Waste Management Infrastructure : Operational systems support sustainable waste handling:

- Segregated waste collection points inside buildings
- Recycling facilities for paper, plastic, and electronic waste
- Awareness signage promoting responsible waste disposal

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

- <http://sdg.bsu.edu.az/allnews>
- <http://sdg.bsu.edu.az/university-policies>
- <http://sdg.bsu.edu.az/bsu%60s-commitment-to-sdgs>
- <http://sdg.bsu.edu.az/>
- <http://sdg.bsu.edu.az/climate-action-plan-action>
- <http://sdg.bsu.edu.az/report-on-sdg-7-affordable-and-clean-energy>
- <http://sdg.bsu.edu.az/uploads/files/Report%20on%20SDG%207.pdf>
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- <http://sdg.bsu.edu.az/news/bsu-represented-at-baku-energy-week>
- <http://sdg.bsu.edu.az/news/new-specialization-at-bsu-environmental-engineering>
- <http://sdg.bsu.edu.az/sustainable-investment-policy>
- <http://sdg.bsu.edu.az/news/a-scientific-seminar-will-be-held-organized-by-bsu-within-the-framework-of-the-baku-climate-action-week>
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- <http://sdg.bsu.edu.az/news/bsu-collaborates-with-ngos-for-sustainable-development-goals>
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- <http://sdg.bsu.edu.az/news/bsu-nano-research-laboratory-hosts-scientific-seminar-titled-nanomaterials-for-hybrid-solar-cells>
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- [http://sdg.bsu.edu.az/news/baku-state-university-\(bsu\)-participated-in-the-ev-charge-show--a-global-meeting-platform-for-manufacturers-of-electric-vehicle-charging-stations](http://sdg.bsu.edu.az/news/baku-state-university-(bsu)-participated-in-the-ev-charge-show--a-global-meeting-platform-for-manufacturers-of-electric-vehicle-charging-stations)
- <http://sdg.bsu.edu.az/news/systematic,-planned-and-thoughtful-measures-are-being-implemented-in-our-country-to-combat-climate-change--elchin-babayev>
- <http://sdg.bsu.edu.az/news/baku-state-universitys-disciplines-regarding-contribution-to-the-sdgs>
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