Būvniecība

Stan	Standarts		V-i45-iii	Pūvniecības fāzs, veids	Vamantāra	Dissignība
Stan	uaris I	Saite	Kritëriji Management (Project brief and design; Life cycle cost and service life planning)	Būvniecības fāze, veids	Komentārs	Pieejamība
BREEAM	New construction	https://breeam.com/standards/new -construction/	Responsible construction practices; Commissioning and handover; Aftercare); Health and wellbeing (Visual comfort; Indoor air quality; Safe containment in laboratories; Thermal comfort; Acoustic performance; Accessibility; Hazards; Private space; Water quality); Energy (Reduction of energy use and carbon emissions; Energy monitoring; External lighting; Low carbon design; Energy efficient cold storage; Energy efficient transport systems; Energy efficient laboratory systems; Energy efficient equipment; Drying space; Flexible demand side response); Transport (Public transport accessibility; Proximity to amenities; Alternative modes of transport; Maximum car parking capacity; Travel plan; Home office); Water (Water consumption; Water monitoring; Water leak detection; Water efficient equipment); Materials (Life cycle impacts; Hard landscaping and boundary protection; Responsible sourcing of materials; Insulation; Designing for durability and resilience; Material efficiency); Waste (Construction waste management; Recycled aggregates; Operational waste; Speculative floor and ceiling finishes; Adaptation to climate change; Functional adaptability); Land use and ecology (Site selection; Ecological value of site and protection of ecological features; Minimising impact on existing site ecology; Enhancing site ecology; Long term impact on biodiversity); Pollution (Impact of refrigerants; NOx emissions; Surface water run-off; Reduction of night time light pollution; Reduction of noise innovation.	Ēku būvniecība.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Pieejama rokasgrāmata, reģistrējoties mājaslapā.
BREEAM	Refurbishment and fit-out	https://breeam.com/standards/refurbishment/	Management (Project brief and design; Life cycle cost and service life planning; Responsible construction practices; Commissioning and handover; Aftercare); Health and wellbeing (Visual comfort; Indoor air quality; Safe containment in laboratories; Thermal comfort; Acoustic performance; Hazards); Energy (Reduction of energy use and carbon emissions; Energy efficient expressions; Energy efficient cold storage; Energy efficient transport systems; Energy efficient laboratory systems; Energy efficient equipment; Drying space); Transport (Sustainable transport solutions; Proximity to amenities; Maximum car parking capacity; Travel plan); Water (Water consumption; Water monitoring; Water leakdetection; Water efficient equipment); Materials (Environmental impact of materials; Responsible sourcing of materials; Designing for durability and resilience; Material efficiency); Waste (Project waste management; Recycled aggregates; Operational waste; Speculative floor and ceiling finishes; Adaptation to climate change; Functional adaptability); Land use and ecology (Protection of ecological features; Enhancing site ecology; Long term impact on biodiversity); Pollution (Impact of refrigerants; NOx emissions; Flood risk management and reducing surface water run-off; Reduction of night time light pollution; Reduction of noise pollution); Innovation.	Ēku renovācija un aprīkošana.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Pieejama rokasgrāmata, reģistrējoties mājaslapā.
BREEAM	Infrastructure	https://breeam.com/breeam- infrastructure/	Landscape and historic environment; Land use and ecology; Pollution; Communities and stakeholders; Resilience; Management; Resources; Transport.	Infrastruktūras būvniecība.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Pieejama rokasgrāmata, reģistrējoties mājaslapā.

BREEAM	Communities	https://breeam.com/standards/com munities	Establishing the principle of development (Consultation plan; Economic impact; Demographic needs and priorities; Flood risk assessment; Noise pollution; Energy strategy; Existing buildings and infrastructure; Water strategy; Ecology strategy; Land use; Transport assessment); Determining the layout of the development (Consultation and engagement; Design review; Housing provision; Delivery of services facilities and amenities; Public realm; Microclimate; Utilities; Adapting to climate change; Green infrastructure; Local parking; Flood risk management; Water pollution; Enhancement of ecological value; Landscape; Safe and appealing streets; Cycling network; Access to public transport); Designing the details (Community management of facilities; Local vernacular; Inclusive design; Light pollution; Training and skills; Sustainable buildings; Low impact materials; Resource efficiency; Transport carbon emissions; Rainwater harvesting; Cycling facilities;	Kopienu plānošana.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Pieejama rokasgrāmata, reģistrējoties mājaslapā.
LEED	Building Design and Construction	https://www.usgbc.org/leed/rating- systems/new-buildings	Integrative process (Integrative Project Planning and Design; Integrative Process); Location and transportation (LEED for Neighborhood Development Location; Sensitive Land Protection; High-Priority Site and Equitable Development; Surrounding Density and Diverse Uses; Access to Quality Transit; Bicycle Facilities; Reduced Parking Footprint; Electric Vehicles); Sustainable sites (Construction Activity Pollution Prevention; Environmental Site Assessment; Credit Site Assessment; Protect or Restore Habitat; Open Space; Rainwater Management; Heat Island Reduction; Light Pollution Reduction; Site Master Plan; Tenant Design and Construction Guidelines; Places of Respite; Direct Exterior Access; Joint Use of Facilities); Water efficiency (Outdoor Water Use Reduction; Indoor Water Use Reduction; Building-Level Water Metering; Outdoor Water Use Reduction; Indoor Water Use Reduction; Optimize Process Water Use; Water Metering); Energy and atmosphere (Fundamental Commissioning and Verification; Minimum Energy Performance; Building-Level Energy Metering; Fundamental Refrigerant Management; Enhanced Commissioning; Optimize Energy Performance; Advanced Energy Metering; Grid Harmonization; Renewable Energy; Enhanced Refrigerant Management); Materials and resources (Storage and Collection of Recyclables; PBT Source Reduction—Mercury; Building Life-Cycle Impact Reduction; Environmental Product Declarations; Sourcing of Raw Materials; Material Ingredients; PBT Source Reduction—Mercury; PBT Source Reduction—Lead, Cadmium, and Copper; Furniture and Medical Furnishings; Design for Flexibility; Construction and Demolition; Waste Management); Indoor environmental quality (Minimum Indoor Air Quality Performance; Environmental Tobacco Smoke Control; Minimum Acoustic Performance; Enhanced Indoor Air Quality Strategies; Low-Emitting Materials; Construction Indoor Air Quality Management Plan; Indoor Air Quality Assessment; Thermal Comfort; Interior Lighting; Daylight; Quality Views; Acoustic Performance); Innovation; Regional priority.	Ēku būvniecība un renovācija.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41
LEED	Interior Design and Construction	https://www.usgbc.org/leed/rating- systems/new-interiors	Integrative process (Integrative Process); Location and transportation (LEED for Neighborhood Development Location; Surrounding Density and Diverse Uses; Access to Quality Transit; Bicycle Facilities; Reduced Parking Footprint); Water efficiency (Indoor Water Use Reduction); Energy and atmosphere (Fundamental Commissioning and Verification; Minimum Energy Performance; Fundamental Refrigerant Management; Enhanced Commissioning; Optimize Energy Performance; Advanced Energy Metering; Renewable Energy; Enhanced Refrigerant Management); Materials and resources (Storage and Collection of Recyclables; Long-Term Commitment; Interiors Life-Cycle Impact Reduction; Environmental Product Declarations; Sourcing of Raw Materials; Material Ingredients; Construction and Demolition Waste Management); Indoor environmental quality (Minimum Indoor Air Quality Performance; Environmental Tobacco Smoke Control; Enhanced Indoor Air Quality Strategies; Low-Emitting Materials; Construction Indoor Air Quality Management Plan; Indoor Air Quality Assessment; Thermal Comfort; Interior Lighting; Daylight; Quality Views; Acoustic Performance); Innovation; Regional priority.	Interjera dizains un būvdarbi.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41

			Multifamily. Integrative process (Integrative Process); Location and transportation (LEED for Neighborhood Development Location; Sensitive Land Protection; High-Priority Site; Surrounding Density and Diverse Uses; Access to Quality Transit; Bicycle Facilities; Reduced Parking Footprint; Electric Vehicles); Sustainable sites (Construction Activity Pollution Prevention; Site Assessment; Protect or Restore Habitat; Open Space; Rainwater Management; Heat Island Reduction; Light Pollution Reduction); Water efficiency (Water Use Reduction; Building-Level Water Metering; Water Use Reduction; Water Metering); Energy and atmosphere (Fundamental Systems Testing and Verification; Minimum Energy Performance; Energy Metering; Fundamental Refrigerant Management; Enhanced Commissioning; Optimize Energy Performance; Whole Building Energy Monitoring and Reporting; Grid Harmonization; Renewable Energy; Enhanced Refrigerant Management; Efficient Hot Water Distribution Systems); Materials and resources (Storage and Collection of Recyclables; Construction and Demolition Waste Management Planning; Building Life-Cycle Impact Reduction; Environmentally Preferable Products; Construction and Demolition Waste Management); Indoor environmental quality (Minimum Indoor Air Quality Performance; Combustion Venting; Garage Pollutant Protection; Radon-Resistant Construction; Interior Moisture Management; Environmental Tobacco Smoke Control; Compartmentalization; Enhanced Compartmentalization; No Environmental Tobacco Smoke; Enhanced Indoor Air Quality Strategies; Low-Emitting Materials; Indoor Air Quality Assessment; Thermal Comfort; Daylight and Quality Views; Acoustic Performance); Innovation;		Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41
LEED	Residential Design and Construction	https://www.usgbc.org/leed/rating- systems/residential	Multifamily Core and shell. Integrative process; Location and transportation (LEED for Neighborhood Development Location; Sensitive Land Protection; High Priority Site; Surrounding Density and Diverse Uses; Access to Quality Transit; Bicycle Facilities; Reduced Parking Footprint; Electric Vehicles); Sustainable sites (Construction Activity Pollution Prevention; Site Assessment; Protect or Restore Habitat; Open Space; Rainwater Management; Heat Island Reduction; Light Pollution Reduction; Tenant Design and Construction Guidelines); Water efficiency (Water Use Reduction; Building-Level Water Metering; Water Use Reduction; Water Metering); Energy and atmosphere (Fundamental Systems Testing and Verification; Minimum Energy Performance; Energy Metering; Fundamental Refrigerant Management; Enhanced Commissioning; Optimize Energy Performance; Whole Building Energy Monitoring and Reporting; Grid Harmonization; Renewable Energy); Materials and resources (Storage and Collection of Recyclables; Construction and Demolition Waste Management Planning; Building Life-Cycle Impact Reduction; Environmentally Preferable Products; Construction and Demolition Waste Management); Indoor environmental quality (Minimum Indoor Air Quality Performance; Combustion Venting; Garage Pollutant Protection; Radon-Resistant Construction; Interior Moisture Management; Environmental Tobacco Smoke Control; Compartmentalization; Enhanced Compartmentalization; No Environmental Tobacco Smoke; Enhanced Indoor Air Quality Strategies; Low-Emitting Materials; Thermal Comfort; Daylight and Quality Views; Acoustic Performance); Innovation; Regional priority.	Dzīvojamo ēku būvniecība un renovācija (līdz 4 stāvu augstumam) (Multifamily; Multifamily Core and Shell; Single Family Homes).	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41

			Single family. Integrative process; Location and transportation (Floodplain Avoidance; LEED for Neighborhood Development; Site Selection; Compact Development; Community Resources; Access to Transit); Sustainable sites (Construction Activity Pollution Prevention; Heat Island Reduction; Rainwater Management; Nontoxic Pest Control); Water efficiency (Water Use; Water Metering; Total Water Use; Indoor Water Use; Outdoor Water Use; Benergy and atmosphere (Minimum Energy Performance; Energy Metering; Education of Homeowner, Tenant, or Building Manager; Annual Energy Use; Efficient Hot Water Distribution System; HVAC Start-Up Credentialing; Refrigerant Management); Materials and resources (Certified Tropical Wood; Durability Management; Durability Management Verification; Environmentally Preferable Products; Construction Waste Management; Material-Efficient Framing); Indoor environmental quality (Ventilation; Combustion Venting; Garage Pollutant Protection; Radon-Resistant Construction; Air Filtering; Compartmentalization; Enhanced Ventilation; Contaminant Control; Balancing of Heating and Cooling Distribution Systems; Low-Emitting Products); Innovation; Regional priority.		Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41
		https://www.usabc.org/leed/rating-	Plan and Design Communities. Integrative process (Integrative Planning and Design Process; Green Building Policy and Incentives); Natural systems and ecology (Ecosystem Assessment; Construction Activity Pollution Prevention; Green Spaces; Natural Resources Conservation and Restoration; Light Pollution Reduction; Resilience Planning); Transportation and land use (Compact, Mixed Use and Transit Oriented Development; Walkability and Bikeability; Access to Quality Transit; Clean Transportation; Mobility Management; Priority Sites); Water efficiency (Integrated Water Management; Water Access and Quality; Stormwater Management; Wastewater Management; Smart Water Systems); Energy and greenhouse gas emissions (Power Access, Reliability and Resiliency; Energy and Greenhouse Gas Emissions Management; Energy Efficiency; Renewable Energy; Grid Harmonization); Materials and resources (Construction and Demolition Waste Management; Solid Waste Management; Organic Waste Treatment; Recycling Infrastructure; Responsible Sourcing; Smart Waste Management Systems); Quality of life (Demographic Assessment; Social Infrastructure; Affordable Housing; Public Health and Wellbeing; Emergency Management and Response); Innovation; Regional priority.	Esošu un jaunu kopienu	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41
LEED	Cities and Communities	systems/leed-for-cities- communities	Existing Communities. Integrative process (Integrative Planning and Leadership; Green Building Policy and Incentives); Natural systems and ecology (Ecosystem Assessment; Green Spaces; Natural Resources Conservation and Restoration; Light Pollution Reduction; Resilience Planning); Transportation and land use (Transportation Performance; Compact, Mixed Use and Transit Oriented Development; Access to Quality Transit; Alternative Fuel Vehicles; Smart Mobility and Transportation Policy; High-Priority Site); Water efficiency (Water Access and Quality; Water Performance; Integrated Water Management; Stormwater Management; Smart Water Systems); Energy and Greenhouse Gas emissions (Power Access, Reliability and Resiliency; Energy and Greenhouse Gas Emissions Performance; Energy Efficiency; Renewable Energy; Grid Harmonization); Materials and resources (Solid Waste Management; Waste Performance; Special Waste Streams Management; Responsible Sourcing for Infrastructure; Smart Waste Management Systems); Quality of life (Demographic Assessment; Quality of Life Performance; Trend Improvements; Distributional Equity; Environmental Justice; Housing and Transportation Affordability; Civic and Community Engagement; Civil and Human Rights); Innovation; Regional	attīstības novērtēšana un plānošana.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41

LEED	Neighborhood Development	https://www.usgbc.org/leed/rating- systems/neighborhood- development	Smart location and linkage (Smart Location; Imperiled Species and Ecological Communities Conservation; Wetland and Water Body Conservation; Agricultural Land Conservation; Floodplain Avoidance; Preferred Locations; Brownfield Remediation; Access to Quality Transit; Bicycle Facilities; Housing and Jobs Proximity; Steep Slope Protection; Site Design for Habitat or Wetland and Water Body Conservation; Restoration of Habitat or Wetlands and Water Bodies); Long-Term Conservation Management of Habitat or Wetlands and Water Bodies); Neighborhood pattern and design (Walkable Streets; Compact Development; Connected and Open Community; Walkable Streets; Compact Development; Mixed-Use Neighborhoods; Housing Types and Affordability; Reduced Parking Footprint; Connected and Open Community; Transit Facilities; Transportation Demand Management; Access to Civic and Public Space; Access to Recreation Facilities; Visitability and Universal Design; Community Outreach and Involvement; Local Food Production; Tree-Lined and Shaded Streetscapes; Neighborhood Schools); Green infrastructure and buildings (Certified Green Building; Minimum Building Energy Performance; Indoor Water Use Reduction; Construction Activity Pollution Prevention; Certified Green Buildings; Optimize Building Energy Performance; Indoor Water Use Reduction; Building Reuse; Historic Resource Preservation and Adaptive Reuse; Minimized Site Disturbance; Rainwater Management; Heat Island Reduction; Solar Orientation; Renewable Energy Production; District Heating and Cooling; Infrastructure Energy Efficiency; Wastewater Management; Recycled and Reused Infrastructure; Solid Waste Management; Light Pollution Reduction); Innovation; Priority.	Apkārtnes attīstība, izvērtējot iesāktu un pabeigtu ēku integritāti kopienā un vidē.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija. Mājaslapā pieejamas katra standarta vadlīnijas: https://www.usgb c.org/leed/v41
GREEN GLOBES	New Construction	https://thegbi.org/greenglobes/new -construction/	Project management (Team and Owner planning; Environmental management during construction; Life cycle cost analysis or building service life planning; Moisture control analysis; commissioning or systems manual and training); Site (development atero; transportation; construction impacts; stormwater management; landscaping; light pollutior; safety); Energy (energy performance; non-modeled energy efficiency impacts; metering, monitoring and measurement; renewable sources of energy); Water efficiency (water consumption; cooling towers; boilers and hot water systems; water intensive applications; water treatment; alternate water sources; metering; leak detection; irrigation); Materials (whole building life cycle assessment; product life cycle; product risk assessment; sustainable materials attributes; resuse of existing structures and materials; waste; resource conservation); Indoor environment (air ventilation and quality; source control and measurement of indoor pollutants; lighting design and systems; thermal comfort; acoustical privacy	Ēku būvniecība un renovācija.		Maksas sertifikācija. Vadlīnijas pieejamas, reģistrējoties mājaslapā.
GREEN GLOBES	Multifamily for New Construction / Multifamily Performance Plus for New Construction	https://thegbi.org/greenglobes/mult family-nc/	Minimālie kritēriji papildus ēku būvniecības novērtējumam: Ventilation (Ventilation air quality; air handling quipment; Operations and maintenance plan); Energy (energy efficient design; energy efficient equipment and products; energy performance monitoring and tracking); Water (water consumption saving; water performance monitoring and tarcking).	Daudzdzīvokļu māju būvniecība.	Tiek sertificēts objekts, piešķirot tam kategoriju. Sertifikācija izveidota ASV,	Maksas sertifikācija. Vadlīnijas pieejamas, reģistrējoties mājaslapā ar Green Building Initiative kontu.
GREEN GLOBES	Sustainable Interiors	https://theqbi.org/greenglobes/sust ainable-interiors/	Project management (Integrated Design Process; Environmental Management During Construction; Environmental Purchasing; Commissioning); Energy (Energy Sub-metering; Building Envelope; Lighting; Daylighting; Plug Loads; HVAC System and Controls); Water (Plumbing Fixtures; Residential and Commercial Food Service Fixtures and Equipment; Water Intensive Applications); Materials and resources (Interior Fit-outs (Including Finishes and Furnishings); Minimized Use of Interior Materials; Deconstruction; Disassembly, and Reassembly; Waste; Building Service Life Plan; Reuse of Non-structural Elements); Emissions (Janitorial Equipment; Integrated Pest Management; Leak Decetion in Commercial Refrigeration); Indoor Environment (Ventilation; Source Control and Measurement of Indoor Pollutants; Lighting Design and Systems; Thermal Comfort; Acoustic	Interjera būvniecība un aprīkošana (nedzīvojamās ēkas).	kategoriju. Sertilikācija izveidota ASV, tāpēc galvenokārt sertificētie objekti atrodas ASV.	Maksas sertifikācija. Vadlīnijas pieejamas, reģistrējoties mājaslapā ar Green Building Initiative kontu.

GREEN GLOBES	Core & Shell	https://thegbi.org/greenglobes/core -shell/	Project management (Integrated Design Process; Environmental Management During Construction; Commissioning); Site (Ecological Impacts); Energy (Energy Demand; Metering, Measurement and Verification; Lighting; HVAC Systems and Controls; Other HVAC Systems and Controls; Other Energy Efficient Equipment and Measures; Renewable Energy); Water (Water Consumption; Cooling Towers; Boilers and Water Heaters; Water Intensive Applications; Water Treatment; Metering; Irrigation); Materials and resources (Interior Fit-out (including finishes and furnishings); Re-use of Existing Structures; Waste; Envelope — Foundation, Waterproofing; Envelope — Cladding; Envelope — Barriers); Emissions (Heating; Cooling; Janitorial Equipment); Indoor environment (Ventilation; Source Control and Measurement of Indoor Pollutants; Lighting Design and Systems; Thermal Comfort; Acoustic Comfort).	Core and/or shell; jaunu ēku būvnieciba.		Maksas sertifikācija. Vadlīnijas pieejamas, reģistrējoties mājaslapā.
Living Future Challenge	Living Building Challenge - Living Certification	https://living-future.org/lbc/	Place (Ecology of Place; Urban Agriculture; Habitat Exchange; Human-Scaled Living); Water (Responsible Water Use; Net Positive Water); Energy (Energy and Carbon Reduction; Net Positive Carbon); Health and happiness (Healthy Interior Environment; Healthy Interior Performance; Access to Nature); Materials (Responsible Materials; Red List; Responsible Sourcing; Living Economy Sourcing; Net Positive Waste); Equity (Universal Access; Inclusion); Beauty (Beauty and Biophilia; Education and Inspiration).	Ēku būvniecība; Ēku renovācija; Interjers; Ainava; Infrastruktūra.	Galvenokārt ASV.	Vadlīnijas pieejamas, reģistrējoties mājaslapā.
Living Future Challenge	Living Building Challenge - Core Certification	https://living-future.org/lbc/	Ecology of place; Human-scaled living; Responsible water use; Energy and carbon reduction; Healthy interior environment; Responsible materials; Universal access; Inclusion; Beauty and biophilia; Education and inspiration.	Ēku būvniecība; Ēku renovācija; Interjers; Ainava; Infrastruktūra.	Galvenokārt ASV.	Vadlīnijas pieejamas, reģistrējoties mājaslapā.
Living Future Challenge	Living Building Challenge - Petal Certification	https://living-future.org/lbc/	Ecology of place; Human-scaled living; Responsible water use; Energy and carbon reduction; Healthy interior environment; Responsible materials; Universal access; Inclusion; Beauty and biophilia; Education and inspiration; un papildus kritēriji vienā vai vairākās kategorijās (Water, Energy, Materials).	Ēku būvniecība; Ēku renovācija; Interjers; Ainava; Infrastruktūra.	Galvenokārt ASV.	Vadlīnijas pieejamas, reģistrējoties mājaslapā.
Living Future Challenge	Living Community Challenge	https://living-future.org/lcc/	Place; Water; Energy; Health and happiness; Materials; Equity; Beauty.	Apkārtnes attīstības plānošana un būvniecība.	Programai vairs nav iespējams reģistrēties, bet ir pieejami atbalsta materiāli iedvesmai.	Vadlīnijas pieejamas mājaslapā, reģistrācijā sniedzot informāciju par uzņēmumu.
DGNB System	New Construction of Buildings International	https://www.dgnb.de/en/certificatio n/buildings/new-construction	Environmental quality (Climate action and energy; Local environmental impact; Responsible resource extraction; Potable water demand and waste water volume; Land use; Biodiversity at the site); Economic quality (Life cycle cost; Value stability; Climate resilience; Documentation); Sociocultural and functional quality (Thermal comfort; Indoor air quality; Sound insulation and acoustic comfort; Visual comfort; Quality of indoor and outdoor spaces; Barrier-free design); Technical quality (Quality of the building envelope; Use and integration of building technology; Circular construction; Mobility infrastructure); Process quality (Quality of project preparation; Ensuring sustainability aspects in tendering and contracting; Procedure for urban and design planning; Construction site / construction process; Systematic commissioning; Preparation for sustainable use); Site quality (Local environment; Transport access; Access to amenities).	Ēku būvniecība.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Standarts pieejams reģistrētiem lietotājiem ar DGNB lietotāja kontu.

DGNB System	Renovation of Buildings International	https://www.dgnb.de/en/certification/buildings/renovation	Environmental quality (Building life cycle assessment; Local environmental impact; Sustainable resource extraction; Potable water demand and waste water volume; Land use; Biodiversity at the site); Economic quality (Life cycle cost; Flexibility and adaptability; Commercial viability); Sociocultural and functional quality (Thermal comfort; Indoor air quality; Acoustic comfort; Visual comfort; User control; Quality of indoor and outdoor spaces; Safety and security; Design for all); Technical quality (Fire safety; Sound insulation; Quality of the building envelope; Use and integration of building technology; Ease of cleaning building components; Ease of recovery and recycling; Immissions control; Mobility infrastructure); Process quality (Comprehensive project brief; Sustainability aspects in tender phase; Documentation for sustainable management; Procedure for urban and design planning; Construction site / construction process; Quality assurance of the construction; Systematic commissioning; User communication; FM-compliant planning); Site quality (Local environment; Influence on the district; Transport access; Access to amenities).	Ēku renovācija.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Standarts pieejams reģistrētiem lietotājiem ar DGNB lietotāja kontu.
DGNB System	Deconstruction of Buildings	https://www.dgnb.de/en/certification/buildings/deconstruction	Environmental quality (Material flow balance; Hazardous materials clean-up); Economical quality (Risk assessment and cost certainty; Values of expandable resources); Sociocultural and functional quality (Project communication; Safety); Technical quality (Recycling and disposal; Separation by type and recycling); Process quality (Deconstruction planning; Tendering; Quality assurance and documentation; Construction site and dismantling process).	Ēku nojaukšana.	Standarts atrodas pirlotfāzē, kritēriji pieejami tikai vācu valodā.	Maksas sertifikācija.
DGNB System	Construction Sites	https://www.dgnb.de/en/certificatio n/buildings/construction-site	Construction quality (construction site managmenet; quality assurance; maintenance, inspection, operation and care instructions); Communication (informing the public; informing the local residents and local businesses; integrating local businesses); Health and local aspects (health prevention; safety-risk assessment; project-internal communication; social factors); Construction site organisation (construction site planning; construction workflow plans and time schedules; measures to avoid pollution on the construction site and for the local area); Resource conservation (energy; resource saving and emissions reduction; construction materials: resuse and recycling; potable water; minimisation and the construction materials: resuse and recycling; potable water;		Standarts atrodas pilotfāzē, kritēriji pieejami tikai vācu valodā.	Maksas sertifikācija.
DGNB System	Interiors	https://www.dgnb.de/en/certification/buildings/interiors	Nav informācijas.	Ēku interjers.	Šobrīd nav pieejams angļu valodā vai starptautiskai sertifikācijai.	
EDGE	Excellence in Design for Greater Efficiencies	https://edgebuildings.com/	Koncentrējas uz enerģiju, ūdeni un materiālos ietverto enerģiju.	Ēku būvniecība.	Pieejami trīs sertifikācijas līmeņi. Saskaņots ar starptautiskajiem zaļo finanšu standartiem.	Maksas sertifikācija.
Sustainable SITES Initiative	SITES	https://www.sustainablesites.org/c ertification-guide	Site context; Pre-design assessment and planning; Water; Soil and vegetation; Materials selection; Human health and wellbeing; Construction; Operations and maintenance; Education and performance monitoring; Innovation.	Ainavu un āra telpu projektēšana, izstrāde un apsaimniekošana.	Tiek sertificēts objekts, piešķirot tam kategoriju. Savienojams ar LEED.	Maksas sertifikācija.
Cradle to Cradle (C2C) certified	C2C Inspired Projects	https://c2c- buildings.net/application-process/	Ēku būvniecībā jāizmanto C2C sertificēti produkti, un būvniecības projektā jāvadās pēc C2C principiem. C2C produktu sertifikācijas kategorijas: Material health; Product circularity; Clean air and climate protection; Water and soil stewardship; Social fairness; Environmental policy and management.	Ēku būvniecība.	Ēku būvniecībā tiek izmantoti C2C sertificēti produkti, materiāli un sistēmas.	Objektu iekļaušana "C2C Inspired Projects" starptautiskā reģistrā ir maksas.
Level(s)	Level(s) 1 - Conceptual design - European framework for sustainable buildings	https://environment.ec.europa.eu/t opics/circular-economy/levels/lets- meet-levels/levels-action_en	Use stage energy performance; Life cycle global warming potential; Bill of quantities, materials and lifespans; Construction and demolation waste and materials; Design for adaptability and renovation; Design for deconstruction, resue and recycling; Use stage water consumption; Indoor air quality; Time outside of thermal comfort range; Lighting and visual comfort; Acoustics and protection against noise; Protection of occupier health and thermal comfort; Increased risk of extreme weather; Sustainable drainage; Life costs analysis; Value creation and risk factors.	Ēku būvniecība, renovācija - plānošanas fāze.	Nav sertifikācijas shēma. Saskaņā ar ES ilgtspējas iniciatīvām.	Bezmaksas. Pieejamas vadlīnijas: https://susproc.irc _ec.europa.eu/pro duct- bureau/product- groups/412/docu ments

Level(s)	Level(s) 2 - Detailed design and construction - European framework for sustainable buildings	https://environment.ec.europa.eu/t opics/circular-economy/levels/lets- meet-levels/levels-action_en	Use stage energy performance; Life cycle global warming potential; Bill of quantities, materials and lifespans; Construction and demolation waste and materials; Design for adaptability and renovation; Design for deconstruction, resue and recycling; Use stage water consumption; Indoor air quality; Time outside of thermal comfort range; Lighting and visual comfort; Acoustics and protection against noise; Protection of occupier health and thermal comfort; Increased risk of extreme weather; Sustainable drainage; Life costs analysis; Value creation and risk factors.	Ēku projektēšana, būvniecība, renovācija.	Nav sertifikācijas shēma. Saskaņā ar ES ilgtspējas iniciatīvām.	Bezmaksas. Pieejamas vadlīnijas: https://susproc.jrc _ec.europa.eu/pro duct- bureau/product- groups/412/docu ments
Parksmart	Parksmart	https://parksmart.gbci.org/certification	Management; Programs; Technology and structure design; Innovation.	Garāžas.	Tiek sertificēts objekts, piešķirot tam kategoriju.	Maksas sertifikācija.
	Guidelines for the waste audits before demolition and renovation works of buildings	https://ec.europa.eu/docsroom/doc uments/31521	A waste audit before demolition or renovation of buildings and infrastructures is a specific task within the project planning. It is necessary to understand the type and amount of elements and materials that will be deconstructed and/or demolished, and to issue recommendations on their further handling. An assessment of the viable recovery routes for materials can also be given (including reuse and the potential reuse value, recycling on- and offsite and the associated cost savings and energy recovery).	Ēku, infrastruktūru nojaukšana un renovācija.	Nav sertifikācijas shēma.	Vadlīnijas pieejamas mājaslapā.
	Būvniecības dzīvescikla izmaksu (LCC) aprēķina kalkulators	https://www.varam.gov.lv/lv/buvnie cibas-dzivescikla-izmaksu-lcc- aprekina-kalkulators	Ilgtspējīgas būvniecības analītikas rīks investīciju un ēkas uzturēšanas izmaksu izvērtēšanai. Iespējams aprēķināt ēkas projekta kopējās izmaksas (investīcijas (capex), uzturēšanas (opex) un ekspluatācijas (utilities) izmaksas līdz 35 gadiem), kā arī modelēt un salīdzināt vairākus risinājums. Ar kalkulatora palīdzību var aprēķināt ēkas ietekmi uz klimata pārmaiņām jeb ēkas ekspluatācijas laikā radītos CO2 izmešu daudzumus.	Ēku būvniecība un rekonstrukcija.	Nav sertifikācijas shēma.	Bezmkasas. Kalkulators pieejams mājaslapā.
ISO	20887:2020 - Sustainability in buildings and civil engineering works - Design for disassembly and adaptability	https://www.iso.org/standard/6937 0.html	Provides an overview of design for disassembly and adaptability (DfD/A) principles and potential strategies for integrating these principles into the design process. Also provides guidance on measuring performance regarding each DfD/A principle and related objectives.			Maksas
ISO	15392:2019 - Sustainability in buildings and civil engineering works - General principles	https://www.iso.org/standard/6994 7.html	Identifies and establishes general principles for the contribution of buildings, civil engineering works and other types of construction works (hereinafter referred to collectively as construction works) to sustainable development. It is based on the concept of sustainable development as it applies to the life cycle of construction works, from inception to the end-of-life.			Maksas
ISO	15686-1:2011 - Buildings and constructed assets - Service life planning	https://www.iso.org/standard/4579 8.html	Identifies and establishes general principles for service life planning and a systematic framework for undertaking service life planning of a planned building or construction work throughout its life cycle (or remaining life cycle for existing buildings or construction works). The life cycle incorporates initiation, project definition, design, construction, commissioning, operation, maintenance, refurbishment, replacement, deconstruction and ultimate disposal, recycling or re-use of the asset (or parts thereof), including its components, systems and building			Maksas
ISO	14044:2006 - Environmental management - Life cycle assessment - Requirements and guidelines	https://www.iso.org/standard/3849 8.html	Specifies requirements and provides guidelines for life cycle assessment (LCA) including: definition of the goal and scope of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, relationship between the LCA phases, and conditions for use of value choices and optional elements.			Maksas

ISO	14040:2006 - Environmental management - Life cycle assessment - Principles and framework	https://www.iso.org/standard/3745 6.html	Describes the principles and framework for life cycle assessment (LCA) including: definition of the goal and scope of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, the relationship between the LCA phases, and conditions for use of value choices and optional elements. It does not describe the LCA technique in detail, nor does it specify methodologies for the individual phases of the LCA.		Maksas
ISO	59004:2024 - Circular economy - Vocabulary, principles and guidance for implementation	https://www.iso.org/standard/8064 8.html	Includes defining key terms and concepts, outlining a vision for a circular economy, elucidating core principles, and offering practical guidance for actionable steps towards sustainability. The standard aims to support organizations in contributing to the United Nations Agenda 2030 for Sustainable Development by facilitating a transition to a circular use of resources.		Maksas
ISO	59010:2024 - Circular economy - Guidance on the transition of business models and value networks	https://www.iso.org/standard/8064 9.html	Focuses on business-oriented strategies to implement circular economy practices at both organizational and inter-organizational levels. It complements ISO 59004 by offering more detailed guidance on assessing current value creation models, mapping value chains and value networks, and developing strategies for circularity. ISO 59010 is designed to help organizations make this transition effectively, contributing to sustainable business practices and a resilient global economy.		Maksas
ISO	59020:2024 - Circular economy - Measuring and assessing circularity performance	https://www.iso.org/standard/8065 0.html	Sets forth requirements and guidance for organizations to measure and assess their circularity performance within defined economic systems. This document aims to standardize the process by which organizations collect and calculate data using mandatory and optional circularity indicators, ensuring consistent and verifiable results. It provides a structured framework for setting system boundaries, selecting appropriate indicators, and interpreting data to evaluate the circularity performance at multiple levels—from regional and inter-organizational to organizational and product-specific levels.		Maksas