

U.S. Embassy Belgrade

LEED® Certified



The U.S. Embassy in Belgrade, Serbia is the first Leadership in Energy and Environmental Design (LEED®) Certified building in Serbia. It is the nineteenth U.S. Diplomatic facility to achieve this prestigious certification.

Site 10 acres | Project Cost \$149 Million | Occupancy April 2013

Sustainable Sites

The new Embassy site is located south of the city center, adjacent to Beli Dvor. The site includes a stormwater detention pond and an underground storage system to control and store stormwater runoff. The stormwater is then released downstream at rates less than the pre-development discharge rates.

Site hardscape is constructed using light color concrete and the roof of the Embassy is constructed using white architectural pavers. Both strategies help avoid the absorption of unwanted heat, which is the cause of urban heat island effect

Water Efficiency

The building is calculated to use 37% less water than the performance requirements of EPAAct 1992. This is accomplished through the use of automatic shut-off faucets and low-flow plumbing fixtures.

The site design also conserves water through careful selection of plantings. The primary approach to reducing the amount of irrigation needed for this project was to minimize the use of turfgrass.

Energy and Atmosphere

The new Embassy is projected to reduce energy costs by 15% compared to the calculated baseline (ASHRAE 90.1-2004). Other energy-efficient technologies employed by the embassy include solar hot water, LED task lighting, occupancy sensors, electric traction elevators, and variable frequency drives for heating and cooling.

Indoor Environmental Quality

Employees and visitors will benefit from a superior indoor environment. By monitoring CO₂ levels, optimal amounts of fresh air are provided to the occupants. Outside air is filtered with HEPA and carbon filters.

Green Buildings Supporting Eco-Diplomacy

During construction, U.S. Government personnel joined the Serbian Green Building Council in round table discussions that aim to educate the public on the U.S. Embassy's green initiatives. Additionally, signage is provided in public areas of the building to educate visitors and staff about the energy-efficient and sustainable features incorporated into the embassy's design and construction.

Architect The Louis Berger Group

Contractor Framaco International

Landscape Rhodeside & Harwell

Civil The Louis Berger Group

Structural Amman & Whitney

MEP H&A Architects & Engineers

Commissioning KSJ Resources
