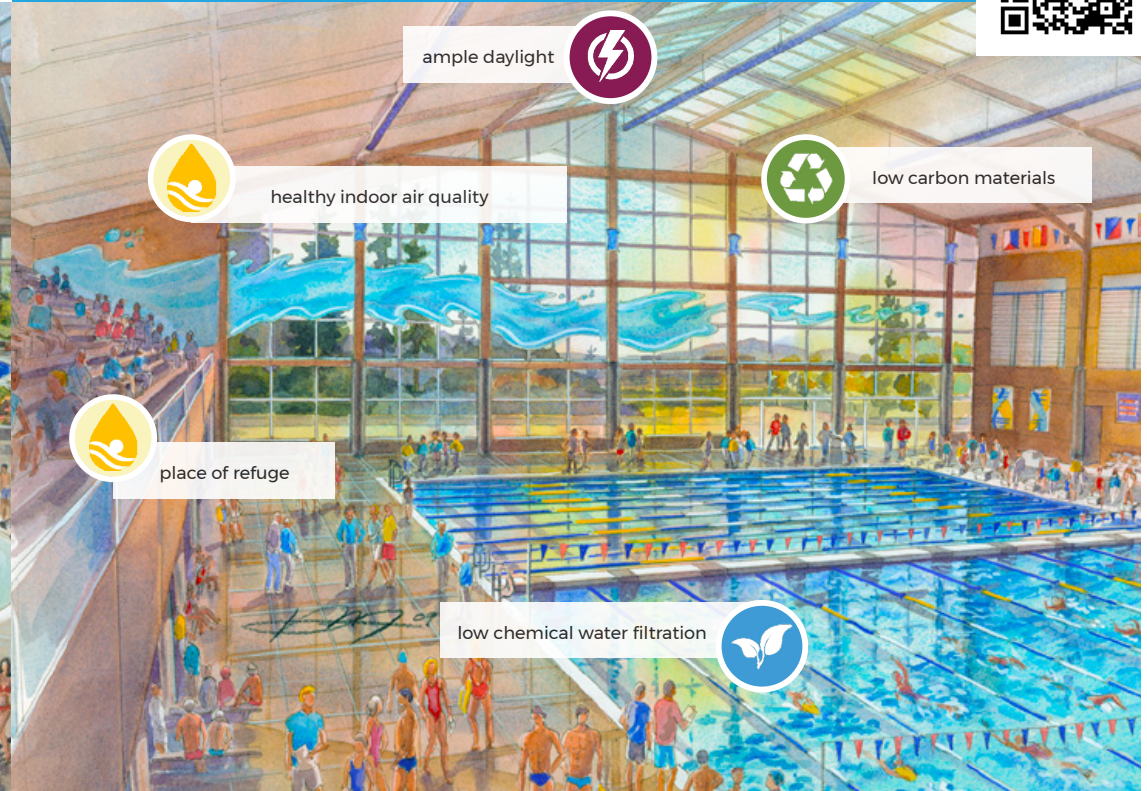


SPLASHForward's priorities for the new **Bellevue Aquatic Center** are well aligned with the principles of sustainable design and create opportunities for excellence. This facility aims to serve as a community resource, an exemplar of high-performance environmental design, and a sustainable business model whose continuous operation will benefit generations to come. This early framing aligns with the people, planet, profit mentality of triple bottom line sustainability across each of the **Sustainable Bellevue Environmental Stewardship Plan** five key focus areas, and Beyond!

**Early Environmental Sustainability Vision**

Check out our website or email [sustainable@splashforward.org](mailto:sustainable@splashforward.org) for more!



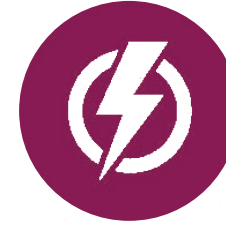
**Climate Change**

- SPLASHForward** is dedicated to design principles aimed at mitigating and adapting to climate change.
- Guided by building certifications such as LEED, Living Building Challenge, and WELL
  - Triple bottom line sustainability to focus on energy, water, health, resilience, and equity
  - Resilient design to support community functions, even during severe weather or emergencies
  - Low carbon power generation, storage, or microgrid for "islandability"



**Materials Management & Waste**

- SPLASHForward** is targeting best in practice materials specification and waste management.
- Developing waste management goals towards zero waste through composting, recycling, and reducing single use plastics
  - Targeting high landfill diversion rates from construction practices
  - Encouraging low embodied carbon construction and building materials through lifecycle assessments and environmental product declarations
  - Selecting Healthy Materials, and discouraging high volatile organic compounds (VOCs) materials and other 'Red List' items



**Energy**

- SPLASHForward** believes in designing for both energy efficiency and clean, renewable energy.
- Prioritizing low carbon, heat recovery, and all-electric heating and cooling design solutions
  - Exploring latent heat recapture for pool and building heating via evaporator coils and other heat capture technology via innovative design measures
  - Designing maximized natural daylight and minimized lighting energy via controls and LEDs
  - State of the art smart control pool and building mechanical/electrical systems
  - Exploring renewable energy opportunities



**Mobility & Land Use**

- SPLASHForward** is paying close attention to the mobility and land use impacts of our new aquatic facility.
- Public Transportation Connection - The chosen site must be easily accessible via public transportation and alternative modes like biking and walking
    - We will explore new opportunities for the City of Bellevue including partnership with King County Metro
  - Electric vehicle charging infrastructure - Target 25% of parking spaces to be EV ready reflecting city goals in next 10 years, tied in with energy storage



**Natural Systems & Water**

- SPLASHForward** supports designing with water and green space in mind.
- Water Conservation
    - Regenerative media to reduce backwash and replacement water
    - Use of pool covers and best practice indoor climate management to reduce water loss to evaporation
  - Opportunity exploration to reclaim water via
    - Rainwater/greywater system for irrigation or other non-potable uses
    - Condensate reuse
  - Native species to avoid irrigation and management of invasive species
  - Connect to nearby parks and trails for programming
  - Improvements and upgrades of outdated landfill treatment system
  - Enhanced use addressed with limited impact to natural elements, including flora and fauna



**Stewardship Plan Enhancements**

- SPLASHForward** seeks to go beyond the City's Environmental Stewardship goals by incorporating-
- Aquatic and facility professional management expertise to optimize climate control initiatives
  - Sustainability workshops and goal setting exercises with stakeholders to engage community within this approach
  - Service as a community resource supporting health, wellness, education, and shelter by incorporating flexible design, healthcare and wellness partnerships, access to free wifi and other resources, and resilient design
  - Achieve Healthy Buildings and Indoor Environmental Quality via UV water purification to compliment chlorine and reduce chemical load while improving air quality; source capture exhaust for chloramines; computational fluid dynamics studies on condensation; cleaning policies; and WELL certification