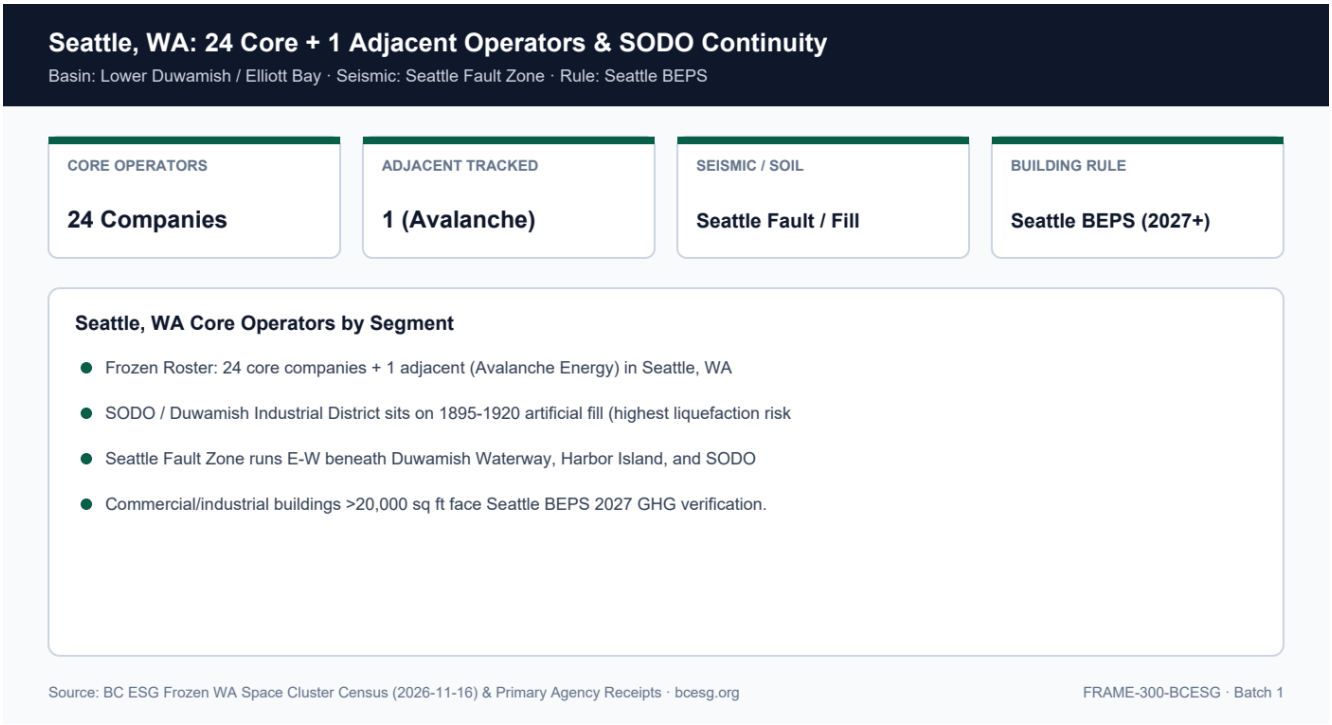
Seattle, WA Space Cluster Profile: 20 Core Operators, SODO Liquefaction & Seattle BEPS Exposure

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Verification & Scope Baseline: Seattle, WA holds 24 core companies and 1 adjacent operator (Avalanche Energy) in BC ESG's frozen census—the largest municipal headcount in Washington.



ID	Company	Segment	Tier
WA-SPC-005	Firefly Aerospace	Launch	core
WA-SPC-006	Wave Motion Launch	Launch	core
WA-SPC-007	SpaceLaunch	Launch	core
WA-SPC-015	Hubble Network	Satellite Manufacturing	core
WA-SPC-016	Kapta Space	Satellite Manufacturing	core
WA-SPC-022	Juno Propulsion	Propulsion	core
WA-SPC-024	Reach Space Technologies	Propulsion	core
WA-SPC-028	Orbital Robotics	In-Space Servicing	core
WA-SPC-029	AstroSweep	In-Space Servicing	core
WA-SPC-030	Interlune	In-Space Servicing	core
WA-SPC-031	gravityLab	In-Space Servicing	core
WA-SPC-033	SpaceRig	In-Space Servicing	core
WA-SPC-036	Sophia Space	Orbital Data Centers	core

ID	Company	Segment	Tier
WA-SPC-049	WiBotic	Components & Suppliers	core

Who Is in Seattle, WA (20 Core + 1 Adjacent)

BC ESG's frozen census records **24 core space companies** in Seattle (`CLM-01`) spanning Satellite Manufacturing (`Hubble Network`, `Kapta Space`), Launch (`Firefly Aerospace` mission integration, `Wave Motion Launch`, `SpaceLaunch`), Propulsion (`Juno Propulsion`, `Reach Space`), In-Space Servicing (`Orbital Robotics`, `AstroSweep`, `Interlune`, `gravityLab`, `SpaceRig`), Orbital Data Centers (`Sophia Space`), Components (`WiBotic`, `Zeno Power`, `Pulse Space`), and Ground/Software (`AWS Aerospace & Satellite`, `Viasat`, `Integrate`, `M42 Space Engineering`, `Precursor SPC`, SEE, `The Space Age`, `Orbite`), plus `1` adjacent fusion venture (`Avalanche Energy`, `CLM-27`).

Note that several regional directories previously tagged Kent, Tukwila, Marysville, and Bellevue firms as `[Seattle]`; BC ESG's Step 0 audit stripped those misclassifications out of Seattle's count.

SODO Liquefaction, Seattle Fault & Seattle BEPS Compliance

Hardware and industrial operators in Seattle's SODO and Lower Duwamish Industrial District sit on historical 1895–1920 artificial fill overlying saturated deltaic sand, carrying the highest liquefaction and lateral-spreading hazard in the city (`CLM-03`). The shallow **Seattle Fault Zone** runs east-west directly beneath SODO and Harbor Island, threatening I-5, SR-99, Port of Seattle Terminals 5/18/30/46, and fuel/power lifelines (`CLM-03`, `CLM-14`).

On the regulatory side, Seattle commercial and industrial facilities over 20,000 sq ft fall under the Seattle Building Emissions Performance Standard (BEPS) alongside Washington CBPS (`CLM-28`).

Verified Primary Sources & Internal Bridges

• Seattle Emergency Management (SHIVA): https://www.seattle.gov/emergency-management

• Seattle SDCI Critical Areas: https://www.seattle.gov/sdci

• USGS: https://www.usgs.gov/

• Alliance Velocity Space City: https://www.alliancevelocity.com/space-city