THE “S” IN SAMP

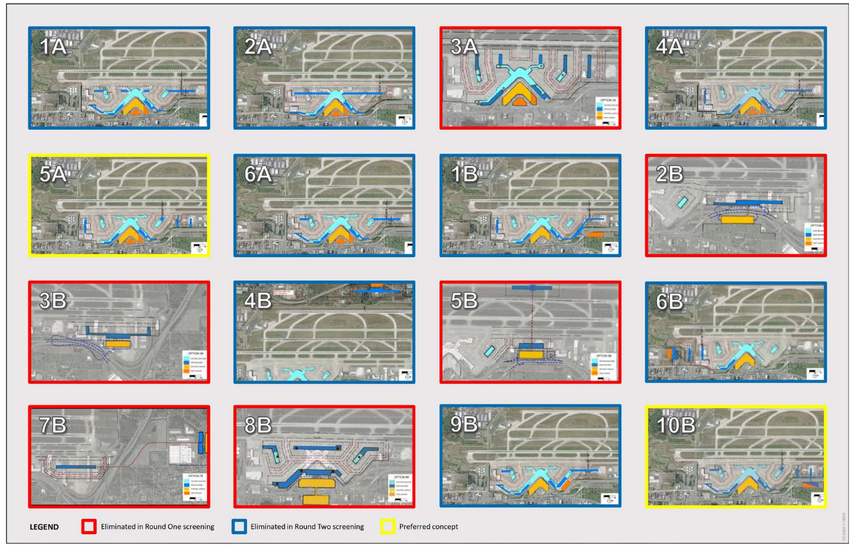
- FAA pilot project
- Includes environmental, social, and economic goals
- Applied sustainability to:
  - What and where we build
  - How we build
  - How we operate

WHAT AND WHERE WE BUILD

Sustainability is a major focus in the planning process

Round Two Passenger Terminal Concept Screening Results

Criteria	Concept									
	1A	2A	4A	5A	6A	1B	4B	6B	9B	10B
Taxiway operations	-1	-1	-1	1	-1	-1	1	0	-1	1
Passenger convenience	0	1	-1	-1	0	-1	0	-1	0	1
Incremental expansion	-1	-1	-1	0	-1	-1	-1	-1	-1	0
Constructability	-1	-1	0	1	0	1	1	1	0	1
Flexibility to assign gates	0	1	0	-1	0	1	0	0	0	-1
Ease of adding international gates	1	1	-1	-1	1	-1	1	-1	1	1
Ability to add gates quickly	1	-1	1	1	1	1	-1	-1	1	1
Reduced taxi/idle/delay	-1	-1	-1	1	-1	-1	1	-1	-1	0
Impact on wetlands/creeks	0	0	0	0	0	0	-1	-1	0	0
Limits addition of impervious surfaces	0	0	0	0	0	0	-1	-1	0	0
Proximity to noise and light sensitive land uses	0	0	0	0	0	0	-1	-1	0	0
Consistency With Zoning	0	0	0	0	0	0	-1	-1	0	0
Score summary	-2	-2	-4	1	-1	-2	-2	-8	-1	4



Source: LeighFisher, Corgan Associates, and Port of Seattle Staff, 2016.

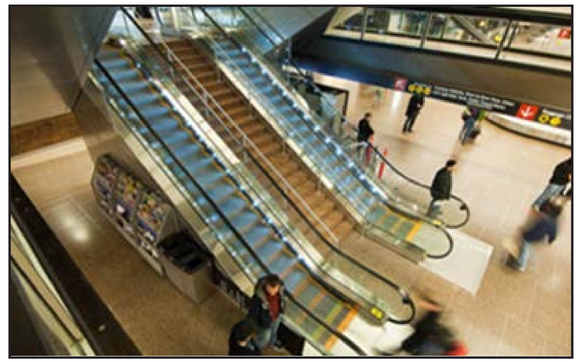
-1 poor/undesirable

0 neutral

1 good

SUSTAINABLE BUILDING DESIGN

- Sustainability to be integrated in to project design:
  - Greater energy efficiency
  - Advanced technologies
  - Renewable energy
  - Biophilic designs
  - More daylighting
  - Water conservation
  - Efficient lighting



SUSTAINABLE OPERATIONS

- Greener transportation
  - Increased bus service
  - Promote ride-sharing
  - Green fleets
- Renewable fuels
  - Renewable natural gas
  - Sustainable aviation fuels
- Sustainable Airside Operations
  - Pre-conditioned Air
  - Electric ground support equipment
  - Fuel hydrant system