

# SPIRiT and LEED

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- **SPIRiT – Sustainable Project Rating Tool**
  - ✓ A 100-point scale measuring sustainability
  - ✓ Developed for Army projects
  - ✓ A self-rating tool with occasional third party audits
  - ✓ Implemented USACE-wide in a 3-year phased plan from 2001 to 2004
  - ✓ Resulted in a 10% reduction in DoD facility energy use
- **LEED – Leadership in Energy and Environmental Design**
  - ✓ A 69-point scale measuring sustainability
  - ✓ Developed by the U.S. Green Building Council (USGBC)
  - ✓ Recognized as the standard in private industry/A/E design
  - ✓ A self-rating tool with third party USGBC audits
  - ✓ 25% of all buildings currently LEED certified are DoD
- **LEED is to replace SPIRiT in USACE**
- **LEED is being implemented by USACE in a phased plan**

## SPIRiT Plan

'01 – '04:

25 points (Bronze)  
required in 2001

35 points (Silver)  
required in 2003

50 points (Gold)  
required in 2004.

## LEED Plan

'07 - future:

33 points (Silver)

39 points (Gold)

Effective FY 2008

# Transition from SPIRiT to LEED



# **(D)Own the road from SPiRiT to LEED in Alaska**

- **SPiRiT- Successful beginning**
  - ✓ SPiRiT was successful at “greening” the DoD and spearheading an industry-wide awareness of Federal sustainability best practices.
  - ✓ In 1998 industry experienced a tipping point in integrating green building standards. Since then industry has consistently surpassed and exceeded Federal best practices for sustainability. This tipping point is just beginning in Alaska.
  - ✓ Since 2000, many of Alaska District’s highest SPiRiT rated buildings have been A/E designed.
  - ✓ Design innovation is the next great opportunity for DoD and Industry achieve the highest sustainability goals.
- **LEED - Innovative Sustainable Design in Alaska**
  - ✓ There is one and only LEED Certified building in Alaska: 2003 NOAA West Coast/Alaska Tsunami Warning Center, Palmer, AK.
- **Highest Alaska District SPiRiT rated buildings have used comprehensive strategies such as:**
  - ✓ Innovative daylighting design
  - ✓ Minimal water-use fixtures
  - ✓ Building automation and occupancy sensor controls
  - ✓ Heat recovery ventilation
  - ✓ Maximum use of recycled/locally-made materials
  - ✓ Swales, stormwater/snowmelt biofiltering and innovative landscaping

## **Recent POA SPiRiT Rated Projects:**

<b>FTW 243 Battle Comnd T F</b>	<b>65 Gold</b>
<b>FTR 167 Community Center</b>	<b>58 Gold</b>
<b>FTR 187 Housing</b>	<b>53 Gold</b>
<b>FTW 171 Bassett Hospital</b>	<b>53 Gold</b>
<b>FTR 166 Barracks</b>	<b>52 Gold</b>
<b>FTW 293 Housing</b>	<b>51 Gold</b>
<b>FTW 276 Housing</b>	<b>51 Gold</b>











