



# **Technology Standards Group and Installation Technology Transition Program**



# Purpose

---

- To briefly discuss the ACSIM run Technology Standards Group and Installation Technology Transition Program
- Describe a strategy to assist installations in the evaluation of waste-to-energy proposals



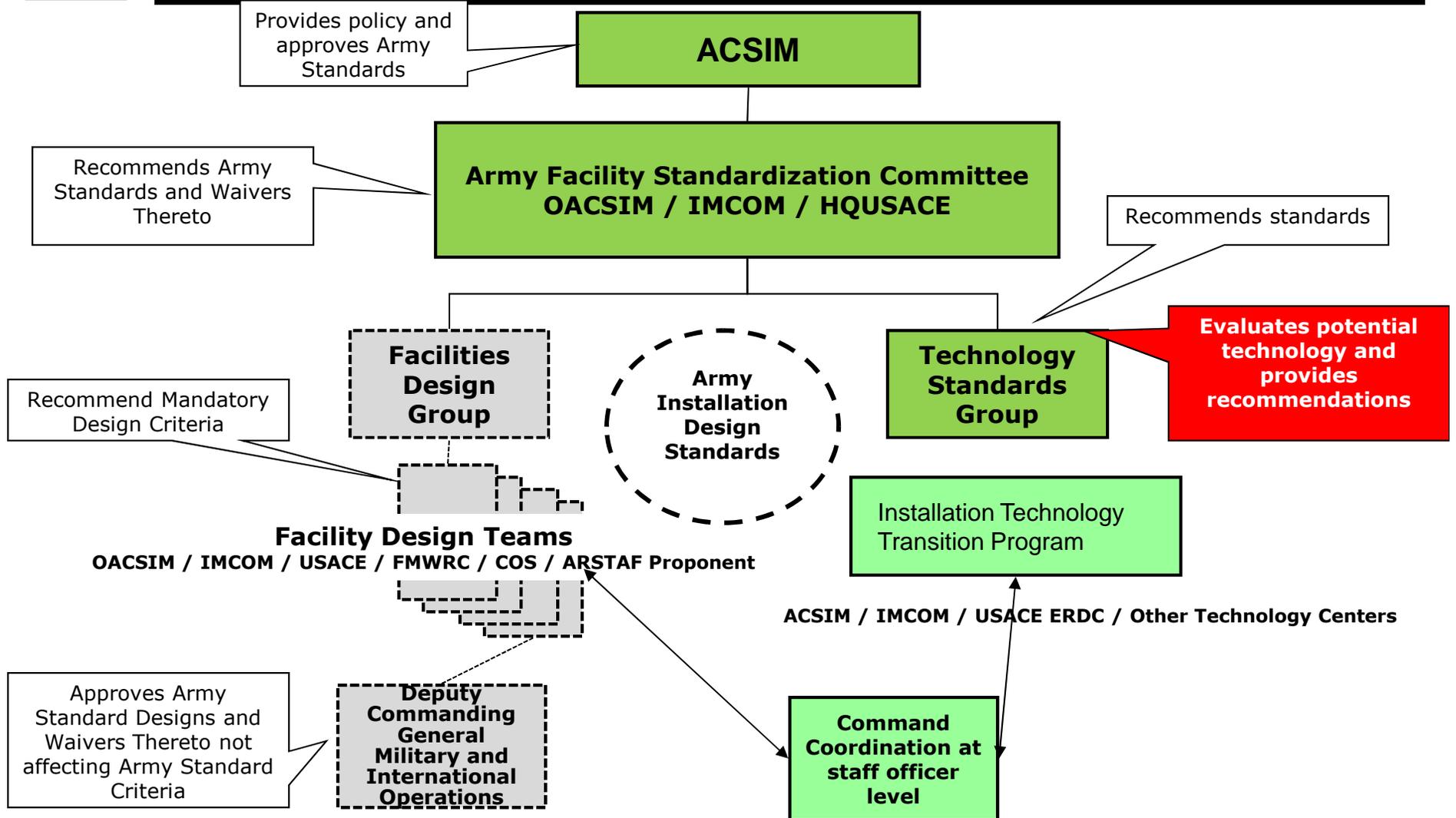
# Areas of Responsibility

---

- Basic and Applied Research – ASA (AL&T)
- Implementation and Standards Development – ACSIM/IMCOM/USACE – Technology Standards Group
- Technology Demonstration and Validation – ACSIM/IMCOM/USACE – Installation Technology Transition Program



# Facilities & Technology Standardization Process





# Technology Standards Group

---

- Provides for:
  - “Quick hit” technology evaluations
    - Permafrost HVAC additive
    - Cool roof technical
    - Fibrebond construction method
    - Fitch boiler fuel additive
    - Synthetic turf
    - Roundabouts for traffic control
  - Background information for leadership
  - Lean Six Sigma evaluations
    - (PEX) Cross-Linked Polyethylene - 40% less expensive than copper
    - Low temperature concrete – Admixture 1/3 the cost of conventional
    - Mold abatement – 57% additional net present value savings
    - Thermoplastic bridge – diverts 85,000 lbs from landfill, 10-15 yrs maintenance free
    - DREPS – payback of 3.7 years, sustainable, lower carbon footprint
  - Management of the Installation Technology Transition Program



# Installation Technology Transition Program (ITTP)

---

- Program of the Technology Standards Group
- Focus on demonstration / validation of technological solutions to identified installation requirements
- Requires execution of projects for data collection and validation of concepts
- FY08-FY11 – executed 15.5 Million in OMA funded demonstration projects



# What the ITTP Does

- The Installation Technology Transition Program was directed by the then DASA (I&H) in 2006. Its goal is to demonstrate and validate new technologies.
- The ITTP is the link between RDTE work funded by ASA(ALT) and the installations.
- Supports EO 13423, E.O. 13514; MILCON Transformation, Sustainable Design & Development, and the BOS & SRM programs.
- The ITTP also serves as the system whereby the ACSIM's input to and participation in the TRADOC Force Operations Capabilities process is transitioned to the warfighter.





# TSG/ITTP and Net Zero

---

- Program not funded to evaluate all the proposals expected from Net Zero effort
- Will provide consistent, experienced technical experts to evaluate proposals on a reimbursable basis
- Will serve as a “clearinghouse” for technical information
- Will make previously examined technology technical reports available as needed



# Army TSG Website

Army Knowledge Online - annette.stumpf (CAC Session) - Windows Internet Explorer

https://www.us.army.mil/suite/designer

U.S. ARMY Group

Home | My Account | Favorites | Quick Links | Self Service

Search... AKO Content Search

Army Technology Standards Group Home (Related Content)

AKO Home > Army Technology Standards Group > Army Technology Standards Group Home

Welcome

### The Army Technology Standards Group

The Purpose of the Army Technology Standards Group (TSG) is to identify necessary capabilities, test, demonstrate and implement technologies in support of the Army installation community. This is done through the Installation Technology Transition Program (ITTP) and evaluating emerging technologies.

Army Technology Standards Group Announcements  
No messages found.

**Installation Technology Transition Program (ITTP)**

The Installation Technology Transition Program (ITTP) allows the Army community to incorporate innovative cost-effective technology onto installations to test the validity of emerging technologies in support of Army directives to improve installation infrastructure design, and life cycle operation, maintenance and sustainability. To find out more information about ITTP projects click on the fiscal year below. To find out how to get involved in submitting a proposal [click here](#).

- [ITTP FY 2012 \(TSG group only\)](#)
- [ITTP FY 2011](#)
- [ITTP FY 2010](#)
- [ITTP FY 2009](#)
- [ITTP FY 2008](#)

**TSG Calendar**

**Upcoming Events**

[Full Month View](#)

No Events Found

**Emerging Technologies**

The Army Technology Standards Group (TSG) is dedicated and determined to learn more about new technologies. The TSG has examined multiple technologies and are continually searching for more. This includes what interests the DOD and the Army installation community. Below are internal hyperlinks to a variety of opportunities for the Army community to learn what the TSG has examined, where to search for new technologies, and how to get involved.

**TSG Technology page includes:**

- Site links to new technologies across the web
- Discussion forum about specific technologies
- Request form for the TSG to review a new technology

**Emerging Technologies that the TSG has evaluated:**

- [Daylighting](#)
- [Photoluminescent exit Sign](#)
- [LED Traffic Light](#)
- [Waterless Urinals](#)
- [Cool Roofs](#)
- [Synthetic Turf](#)

Go to main AKO page, Search "Army Technology Standards Group"



# Conclusion

---

- The Technology Standards Group provides the Army the ability to quickly and consistently respond to ever increasing demands by industry to “buy our product.”
- The TSG produces “quick win” technical evaluations for the Army Facilities Standardization Program
- The TSG enables the Army to actively participate in tri-service activities.
- The TSG is the vehicle by which the “installation perspective” for RDTE is communicated to ASA(ALT) and TRADOC
- The Installation Technology Transition Program has provided immediate and future benefits to the Army
- The program responds to the needs expressed by our installation management community
- Results are used by installations, USACE, and HQDA