



U.S. Air Force's Space and Missile Systems Center Development Planning Directorate (SMC/XR)

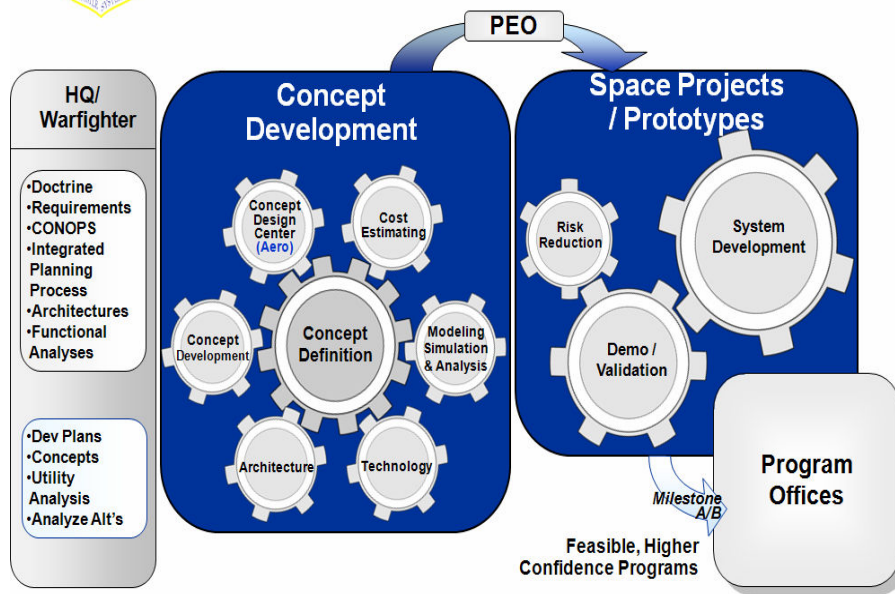
**Derek J. Plymate, Capt, USAF
SMC/XRD**



SMC/XR Development Planning



Development Planning Processes



7 Procurement Wings that acquire space systems for AF space missions

- MILSATCOM
- GPS
- Space Superiority
- Launch and Range Systems
- Space-Based Infrared Systems
- Defense Meteorological Systems
- Satellite Control and Network

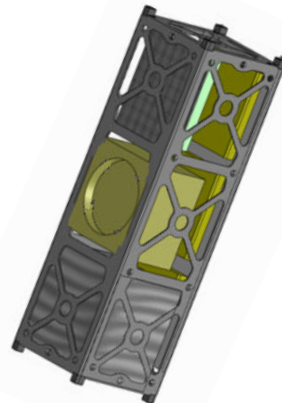
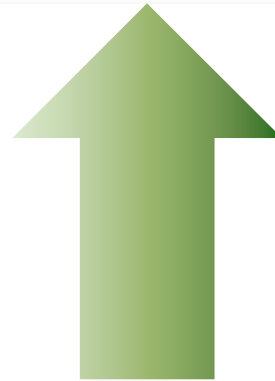
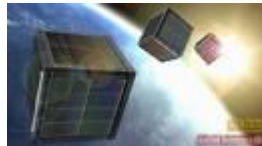
SMC/XR Development Planning Directorate builds plans for the future of mission areas



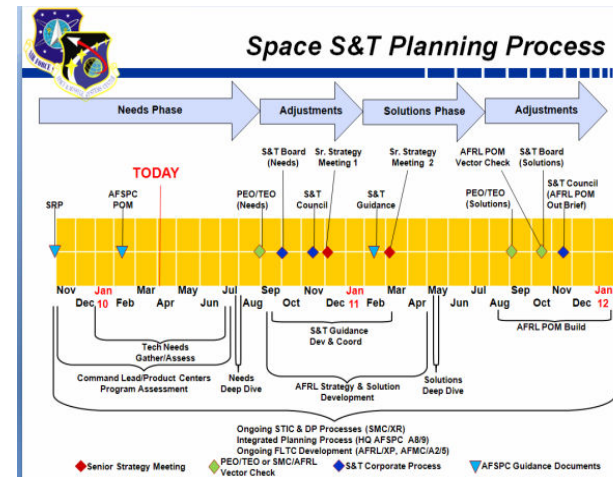
CubeSat/NanoSat Team

**Find and build
CubeSat concepts to
deliver military
capability**

**Insert concepts into
respective
Development Plan for
consideration**



**Help shape
direction of
technology
development**



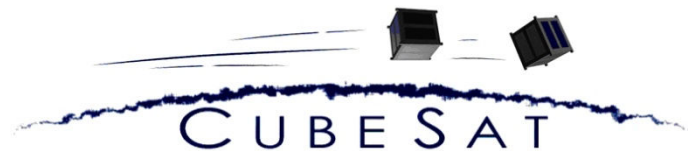


Where we get concepts

- Internally funded and developed ideas
- Industry
- National and DoD Laboratories
- FFRDCs and UARCs

&

YOU!





We want your help

- **First round Focus:**
 - **Communication Missions**
 - **Intelligence, Surveillance, Reconnaissance Missions**
 - **Space Environmental Monitoring**
- **We will entertain CubeSat concept ideas that have military utility during the appropriate Development Planning phase**
 - **Must fill a gap in current or future Architecture**
 - **Must include Operations from end to end**
- **We are interested in working together on technology development**
 - **Think Long Range – 5-10 years at least**



Current Demonstration

- **SMC/XR is currently leading a CubeSat demo**
 - **Assess Military utility of CubeSats within AFSPC Mission areas**
 - **Demo will focus on SEM**
- **Further discussions are not possible at this time due to competitive source selection**
- **Please see Fed Biz Ops in the coming weeks for solicitation information**



Questions

