

AFFRL

THE AIR FORCE RESEARCH LABORATORY
LEAD | DISCOVER | DEVELOP | DELIVER



Small Business Innovation Research (SBIR) Workshop

Welcome • 2 June 2009

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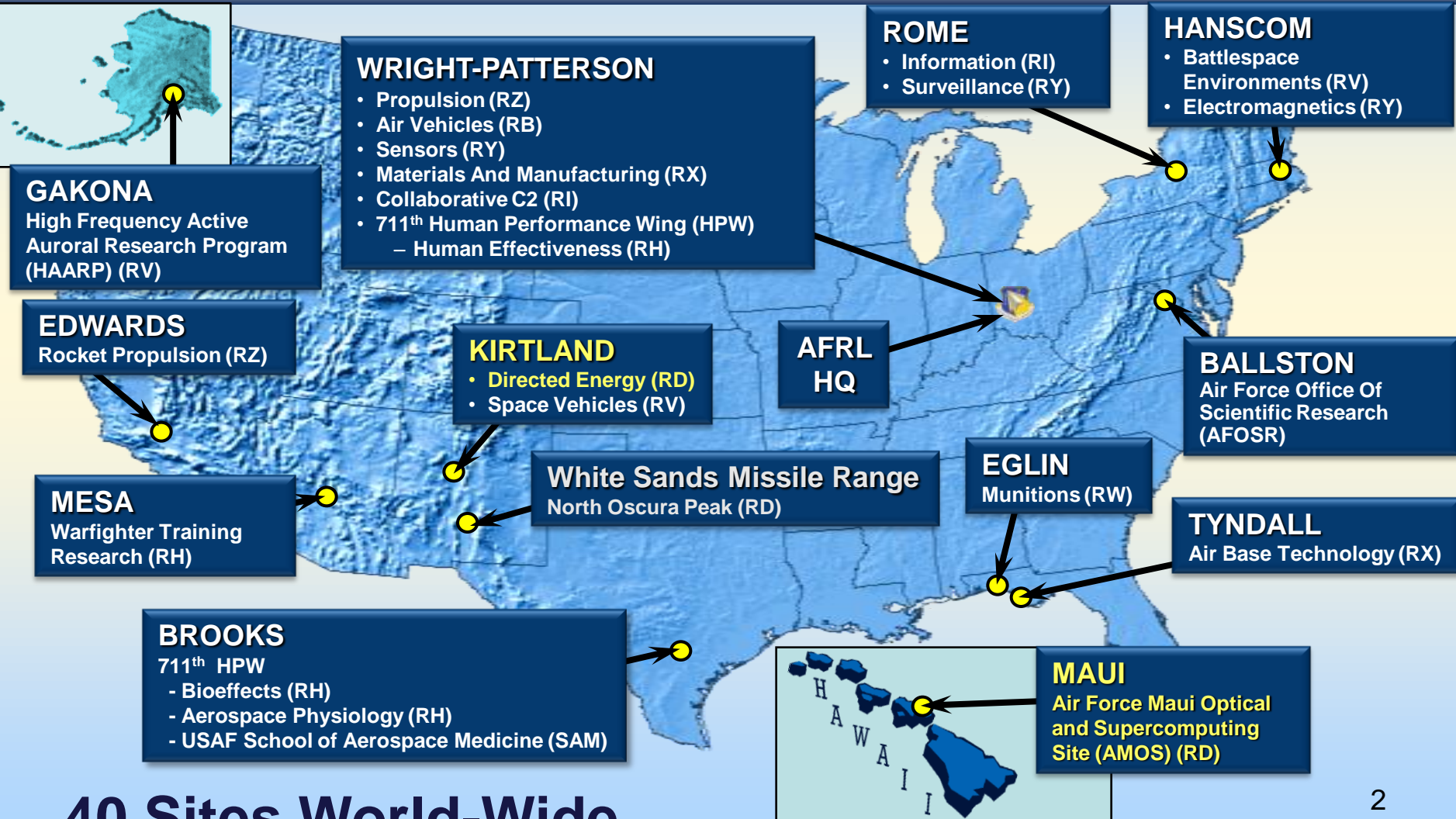


Air Force Research Laboratory

9 Technical Directorates, 1 Wing, and AFOSR



Directed Energy Dominance in the Battlespace



40 Sites World-Wide



Mission and Vision

AFRL/Directed Energy Directorate



Directed Energy Dominance in the Battlespace

Lead the discovery, development, and delivery of directed energy science and technology for National Security.



*Directed Energy
Dominance in the Battlespace*



Core Technical Competencies

AFRL/Directed Energy Directorate



Directed Energy Dominance in the Battlespace



Airborne Tactical Laser



Laser Testbed



Starfire Optical Range

High Energy Lasers

Beam Control



Modeling, Simulation, and Effects



Active Denial System 2



Microwave Airborne Counter Electronics

High Power Microwaves



Dominance Through Innovation

AFRL/Directed Energy Directorate



Directed Energy Dominance in the Battlespace

GOAL:

Increase innovation through research in Directed Energy to meet the needs of the nation now and in the future

PATH:

Create a balance between internal and external research

TOOL:

Small Business Innovation Research (SBIR)

Website: www.sbir.gov



Success Through Partnerships

AFRL/Directed Energy Directorate



Directed Energy Dominance in the Battlespace

Government

- SBIR Offices
 - Air Force
 - Phillips Research Site
- The Small Business Office
- Product Centers
- National Laboratories
- Scientists and Engineers

Industry

- New Mexico Optics Industry Association
- Professional Aerospace Contractors Association
- Directed Energy Professional Society
- Technology Ventures Corporation
- Small Businesses

DE has the Power to Change the face of military conflict.

There is nothing more difficult to take in hand, more perilous to conduct, or more uncertain in its success than to take the lead in the introduction of a new order of things.

Niccolo Machiavelli, Italian Political Philosopher, 1469-1527

Directed Energy Dominance in the Battlespace

