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Office of Radiological Security

Protect · Remove · Reduce

Overview of the Office of Radiological Security

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Presented by:

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National Nuclear Security Administration

Global Material Security

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Radiological Materials in the U.S.

- Cesium-137
- Cobalt-60
- Americium-241
- Iridium-192

- Located in heavily populated cities
- Open by their nature
- Many sites have unarmed guards
- Subject to outsider and insider threats

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Consequences of Radiological Terrorism

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Only a few curies of radioactive materials, such as high-activity cesium-137, could result in a significant RDD. A salt shaker could hold several thousand curies of material.

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Enhance global security by preventing high-activity radioactive materials from being used in acts of terrorism.

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Strategies

PROTECT

Protect radioactive sources used for vital medical, research, and commercial purposes.

REMOVE

Remove and dispose of disused radioactive sources.

REDUCE

Reduce the global reliance on high-activity radioactive sources by promoting the adoption and development of non-radioisotopic alternative technologies.

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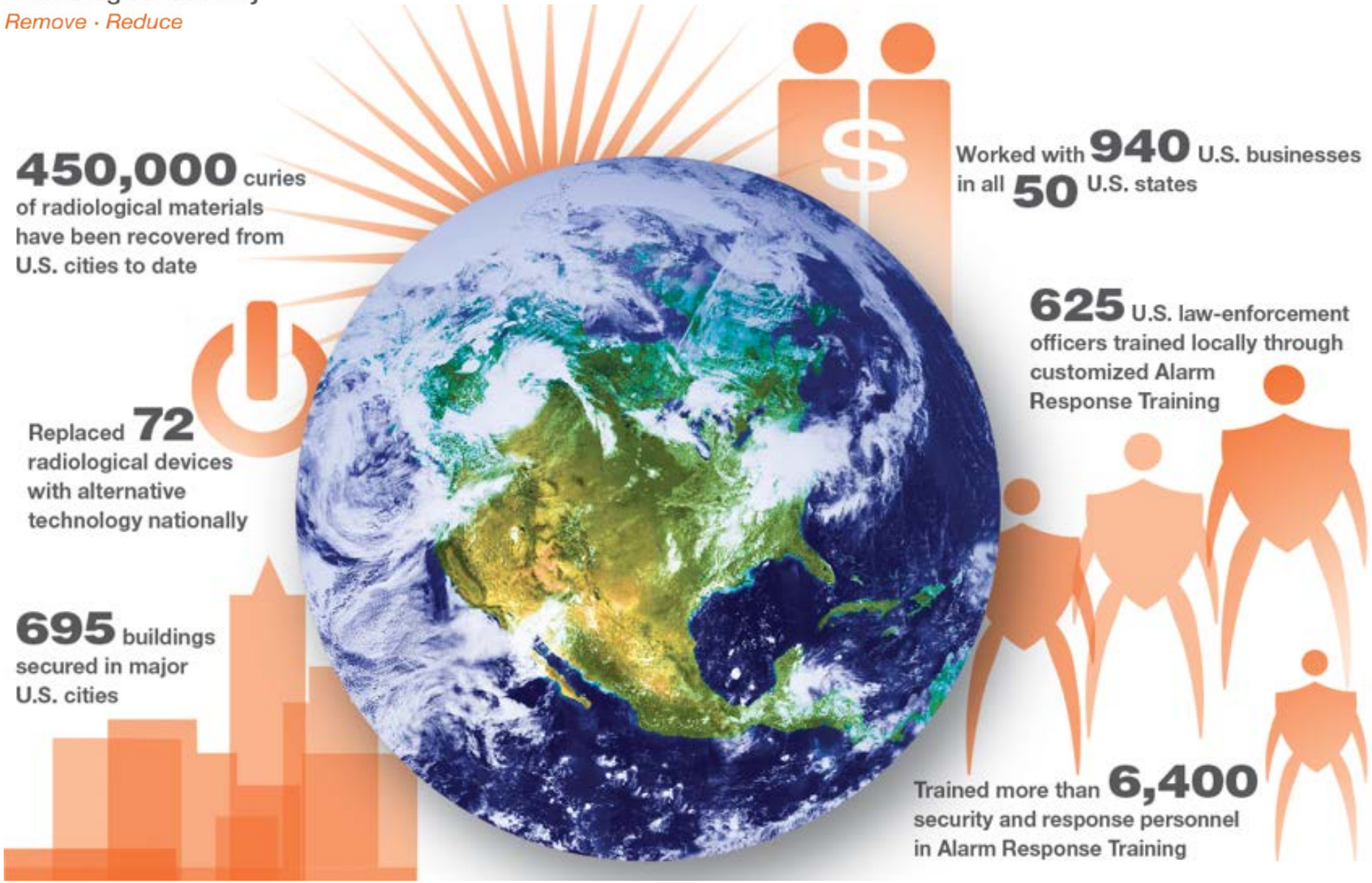
U.S. Cities Security Progress



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Site Security Enhancements and Training

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Response Training for Law Enforcement

- Alarm Response Training
- Tabletop Exercises
- Customized Alarm Response Training

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Radioactive Source Removal

- Off-Site Source Recovery Project (OSRP)
- Remove and dispose of unused sources
- Register online at http://osrp.lanl.gov
- Call 877-676-1749

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Permanent Risk Reduction Campaigns

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Raising Awareness and Working Together to Secure Our Nation