

# Countering Biological Threats in the 21st Century

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# States with Potential Biological Weapons Capability



“... And we must come together to prevent, detect, and fight every kind of biological danger – whether it is a pandemic like H1N1, a terrorist threat, or a treatable disease.”

--President Obama's Address to the United Nations General Assembly, September 22, 2011

# Legacy: Anthrax Weapons Production Facility

## Stepnogorsk, Kazakhstan

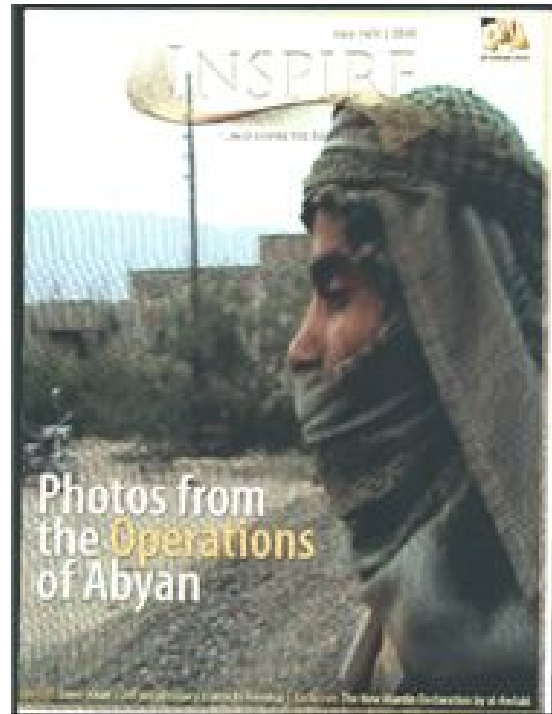


Large scale fermentation. This is one of ten 5,000 gallon fermenters. The facility had the capability to produce an estimated 300 metric tons of weaponized anthrax in eight months.



# Emerging Biological Threats

Aum Shinrikyo,  
Anthrax spraying



Fall 2010, Al-Qaeda's *Inspire* Magazine: calls on "brothers with degrees in microbiology or chemistry...to develop a weapon of mass destruction"

**WMD Commission:**  
**Biological attack more likely than nuclear**

Tarnak Farms,  
*Al Qaeda* training camp,  
Kandahar, Afghanistan





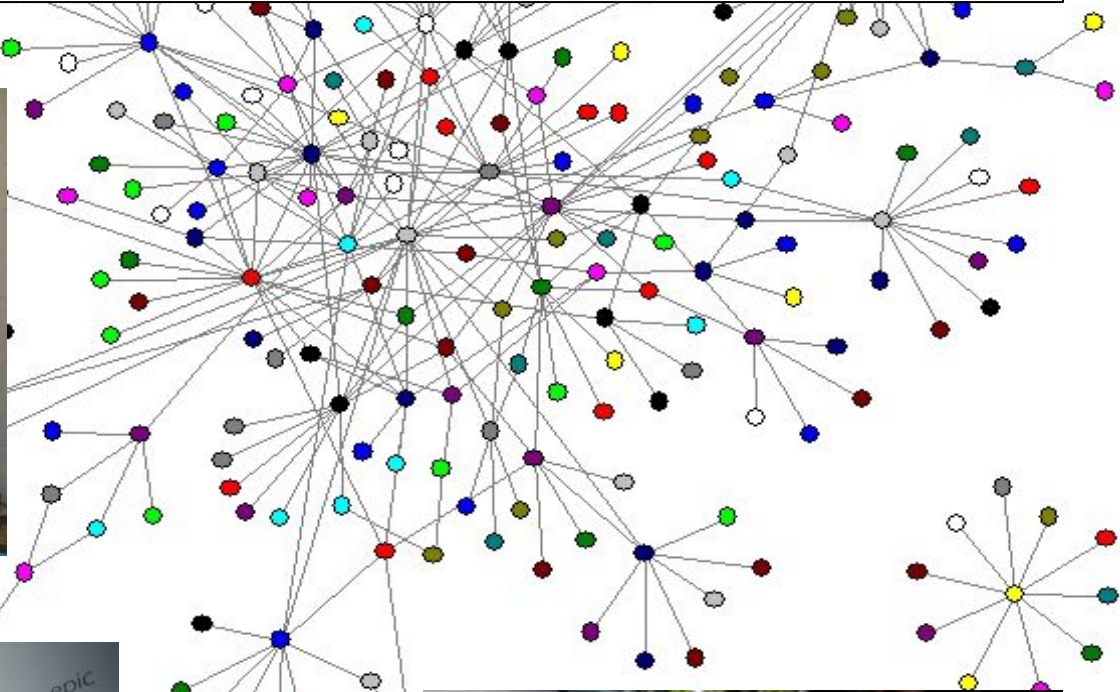
# Global Health Security Agenda



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# Mapping the WMD Terrorism Supply Network





# Questions?



