



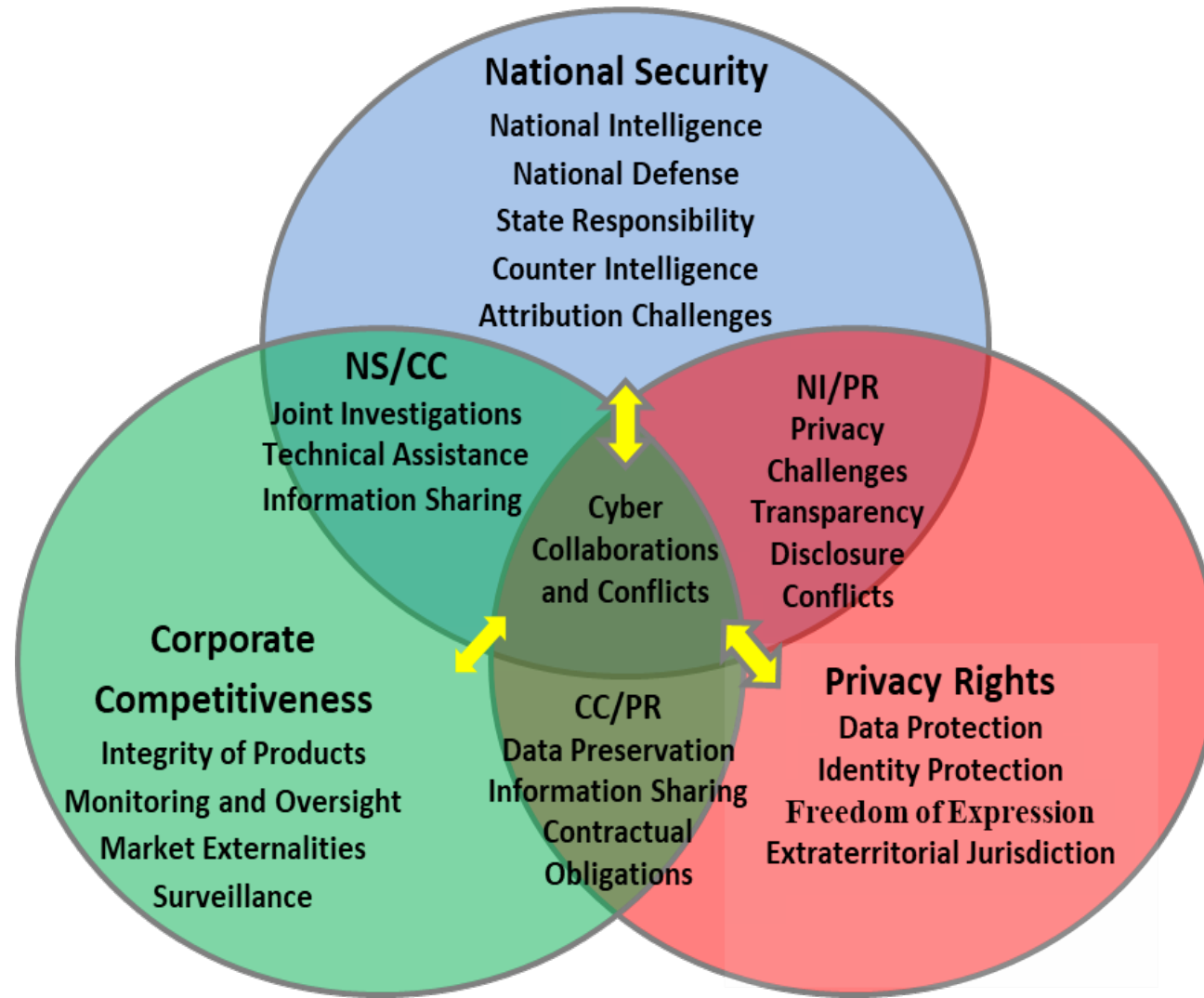
**BEIJING CYBER SECURITY CONFERENCE (BCS)**  
**AUGUST 21-23, 2019, BEIJING, CHINA**

# **EVOLUTION OF NATIONAL CYBER STRATEGIES AND GOVERNANCE**

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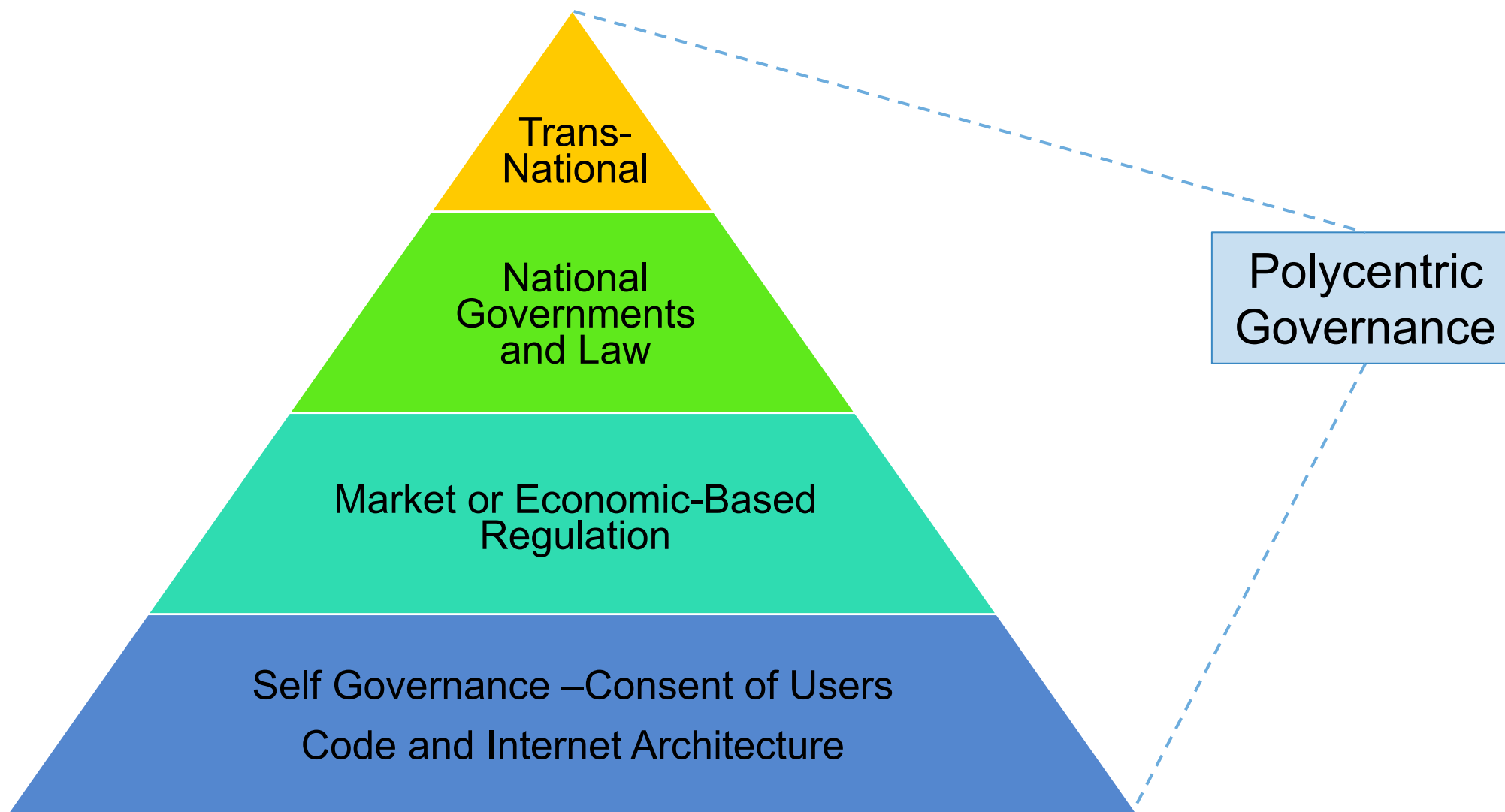
# The Cyber Triumvirate: Competing Interests

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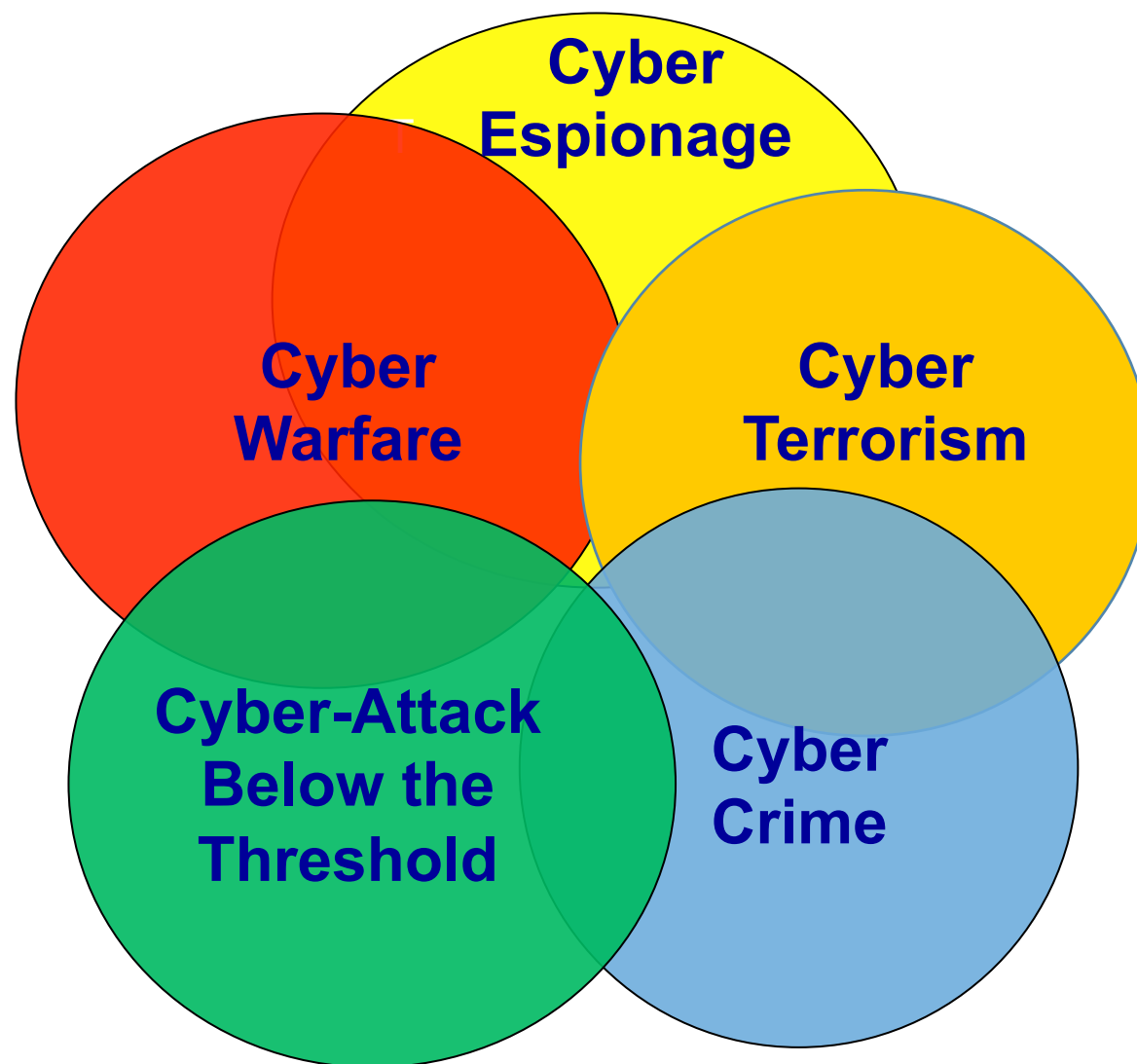


Greiman, V.A. (2016) National Intelligence, Corporate Competitiveness and Privacy Rights: Co-existing in Cyberspace, *The Global Studies Journal*, [Vol. 9](#), [Iss. 3](#), 43-56, September, Common Ground Publishing, University of Illinois, Champaign, IL. (refereed).

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**Is this an Act of War, A Crime, .... Or Espionage?**

**Can I attribute the attack?**

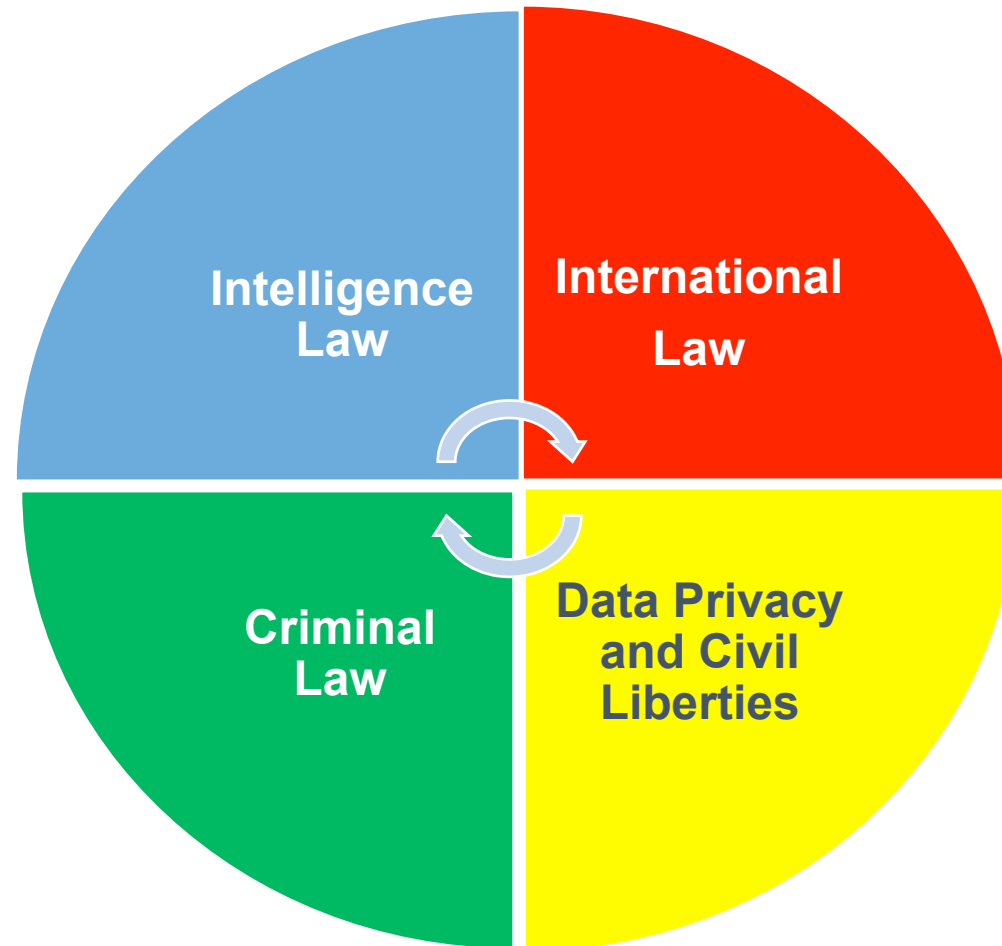
**What is the proper response?**

**How can risk be reduced?**

**How do we communicate strategies and responses?**

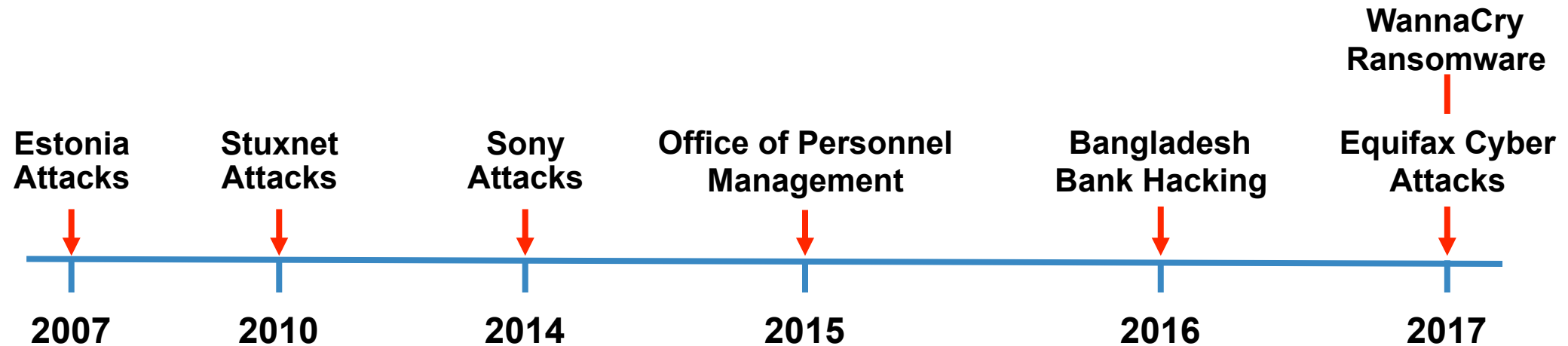
# The Major Cyber Legal Regimes

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- Financial Sanctions
- Blocking the Property of Persons Engaged in Malicious Cyber Activity
- Criminal Actions
- Treaty Remedies
- UN and NATO Consultation
- Diplomacy

## How Were these Attacks Treated Under U.S. and International Law?





- **National Strategies or Policy Frameworks (Overarching Doctrine) - 105**
- **Military Strategies (Offensive or Defensive Military Capabilities) – 31**
- **Cloud Computing Strategies - 19**
- **International Strategies – 7**
- **Transnational Strategies – 3**

## **Privacy Regulations - 113**

UN ITU (2018), BSA (The Software Alliance) (2018), NATO Cooperative Cyber Defense Centre of Excellence (2018), Center for Strategic International Studies (CSIS) (2018), ENISA (2012).

# Cyberspace Forces and Controls

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## Common Provisions Across Strategies

- Defend the Homeland
- Preserve Peace and Security
- Implement Cyber Crime Laws and Enforcement Mechanisms
- Strengthen Critical Information Infrastructures
- Build Risk Management Frameworks
- Promote Good Cyber Security Practice
- Maintain Resilient Systems

## Recommended Provisions:

- Developing a Sustainable Cyber Security Ecosystem
- International Coordination and Information Sharing
- Operational Threat Response
- Deterrence and Collective Defense
- Holistic Multistakeholder Approach
- Stronger Partnerships and Enhanced Awareness





# THANK YOU!

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