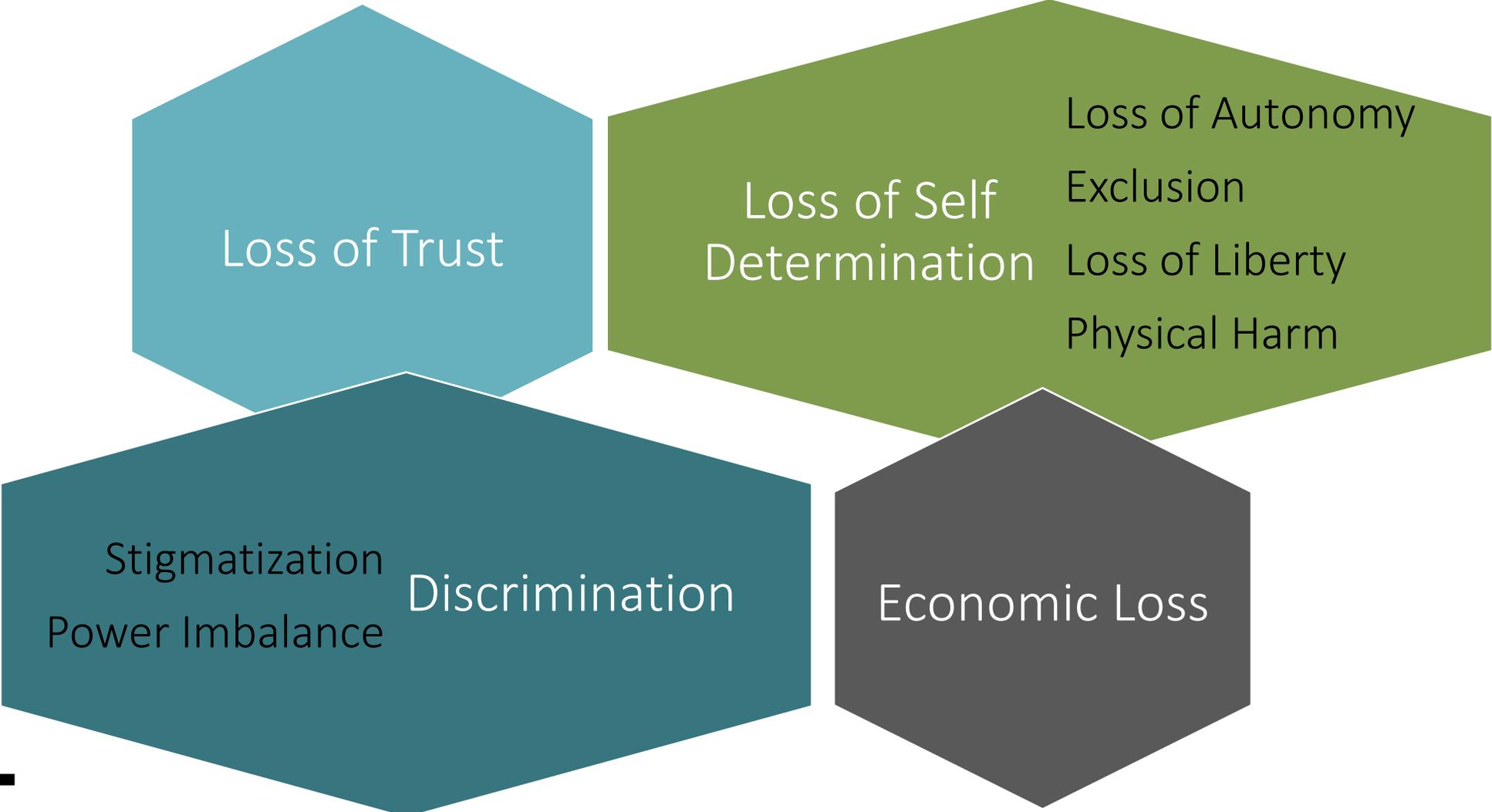
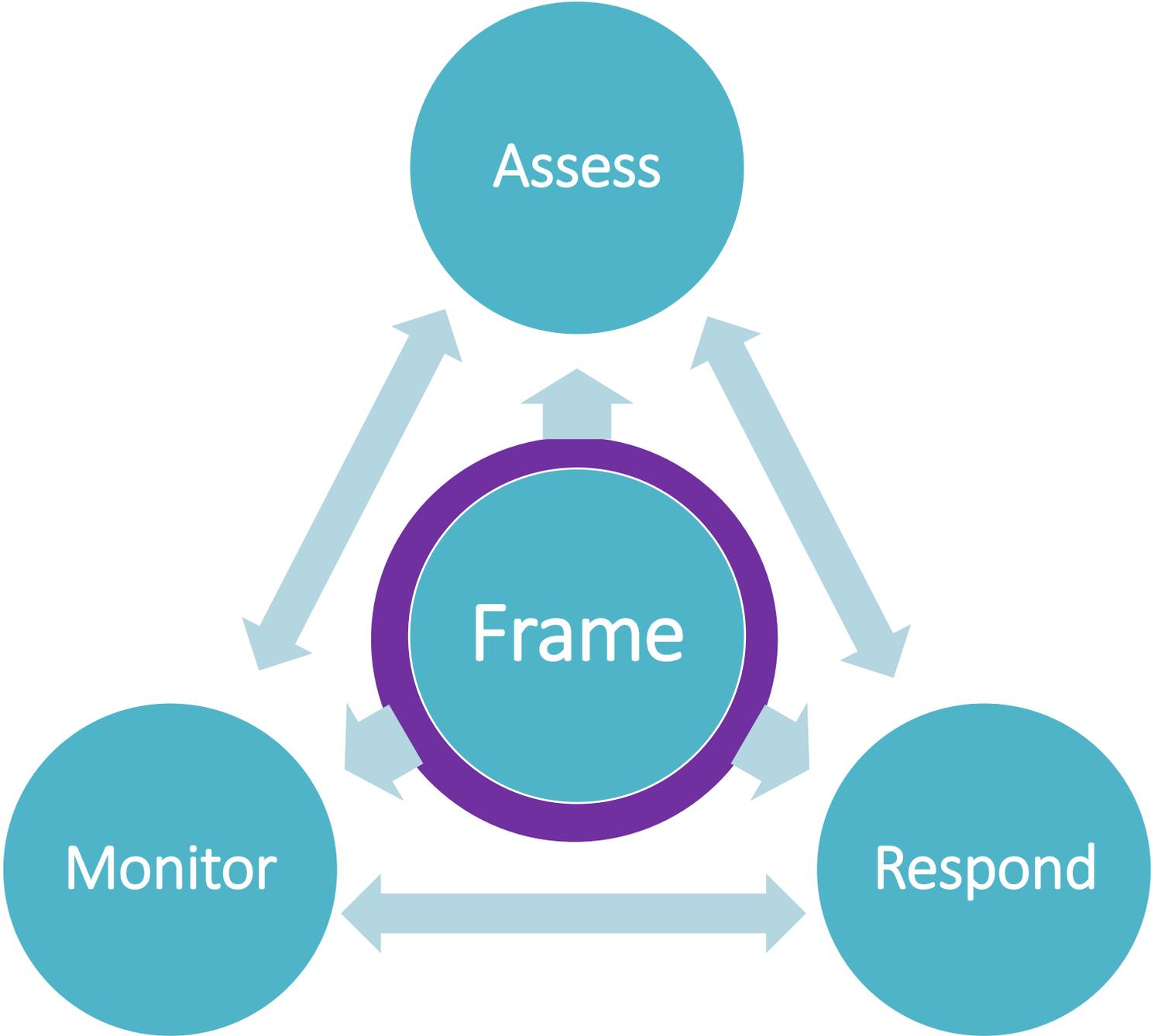


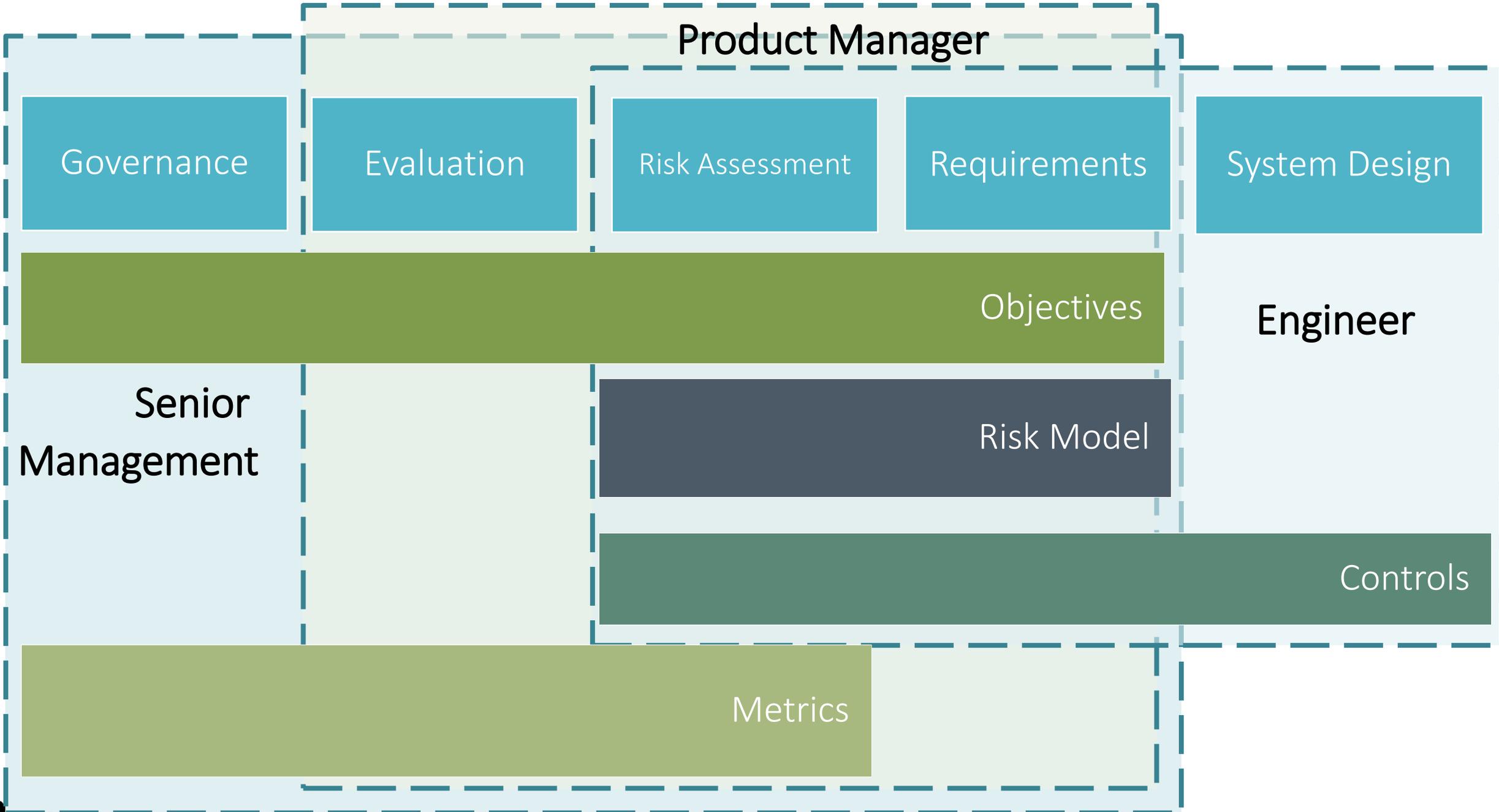
Using Risk Management to Improve Privacy in Information Systems

National Privacy Research Strategy Workshop
Feb 2015

Potential Problems for Individuals







The Right Tool for the Job

Many current privacy approaches are some mixture of governance principles, requirements and controls.

USG FIPPs

Transparency	Data Quality and Integrity
Individual Participation	Security
Purpose Specification	Accountability and
Data Minimization	Auditing
Use Limitation	

NIST SP 800-53, Appendix J

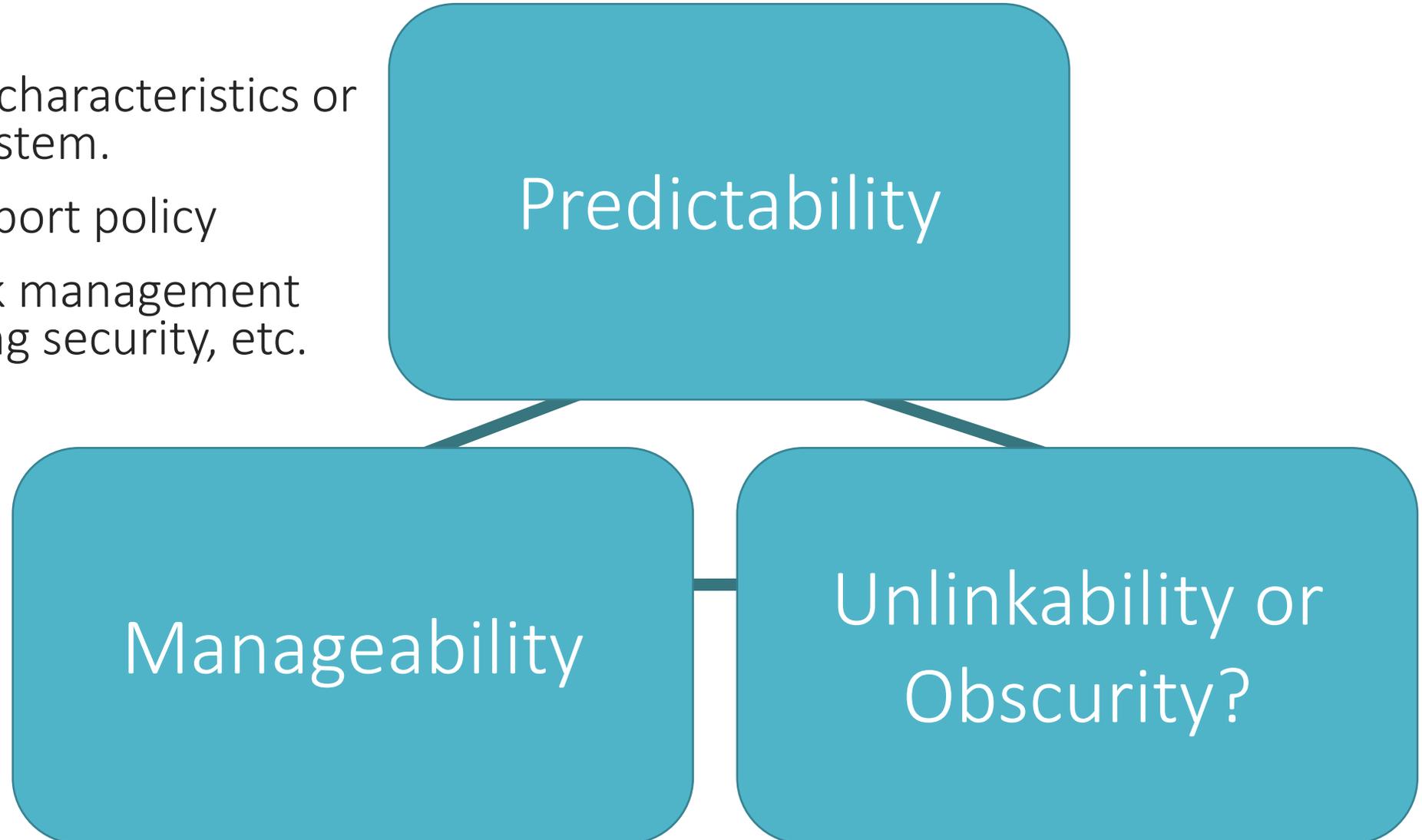
Authority and Purpose	Individual Participation and
Accountability, Audit, and	Redress
Risk Management	Security
Data Quality and Integrity	Transparency
Data Minimization and	Use Limitation
Retention	

NIST Process



Draft Privacy Engineering Objectives

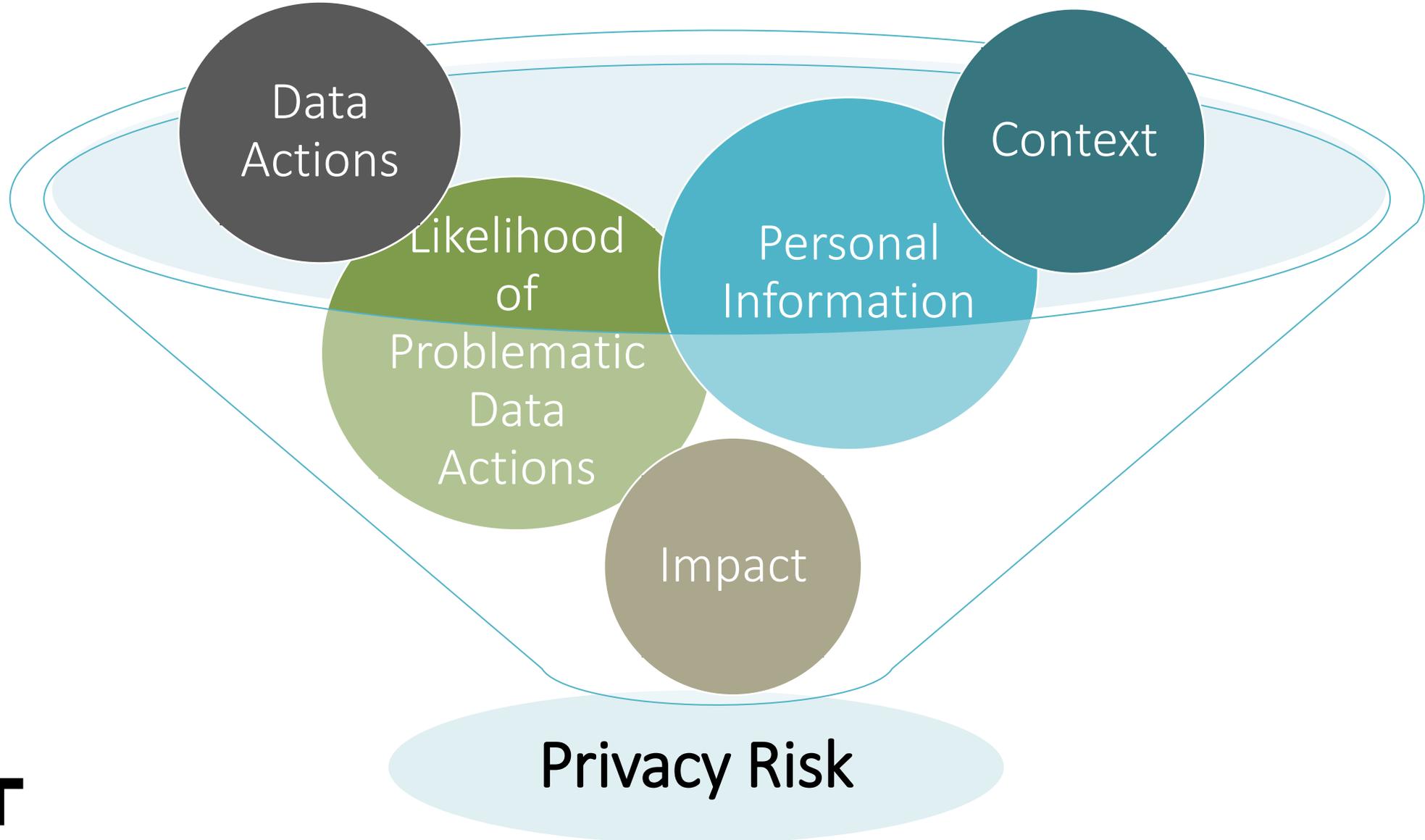
- The objectives are characteristics or properties of the system.
- The objectives support policy
- Part of broader risk management framework, including security, etc.

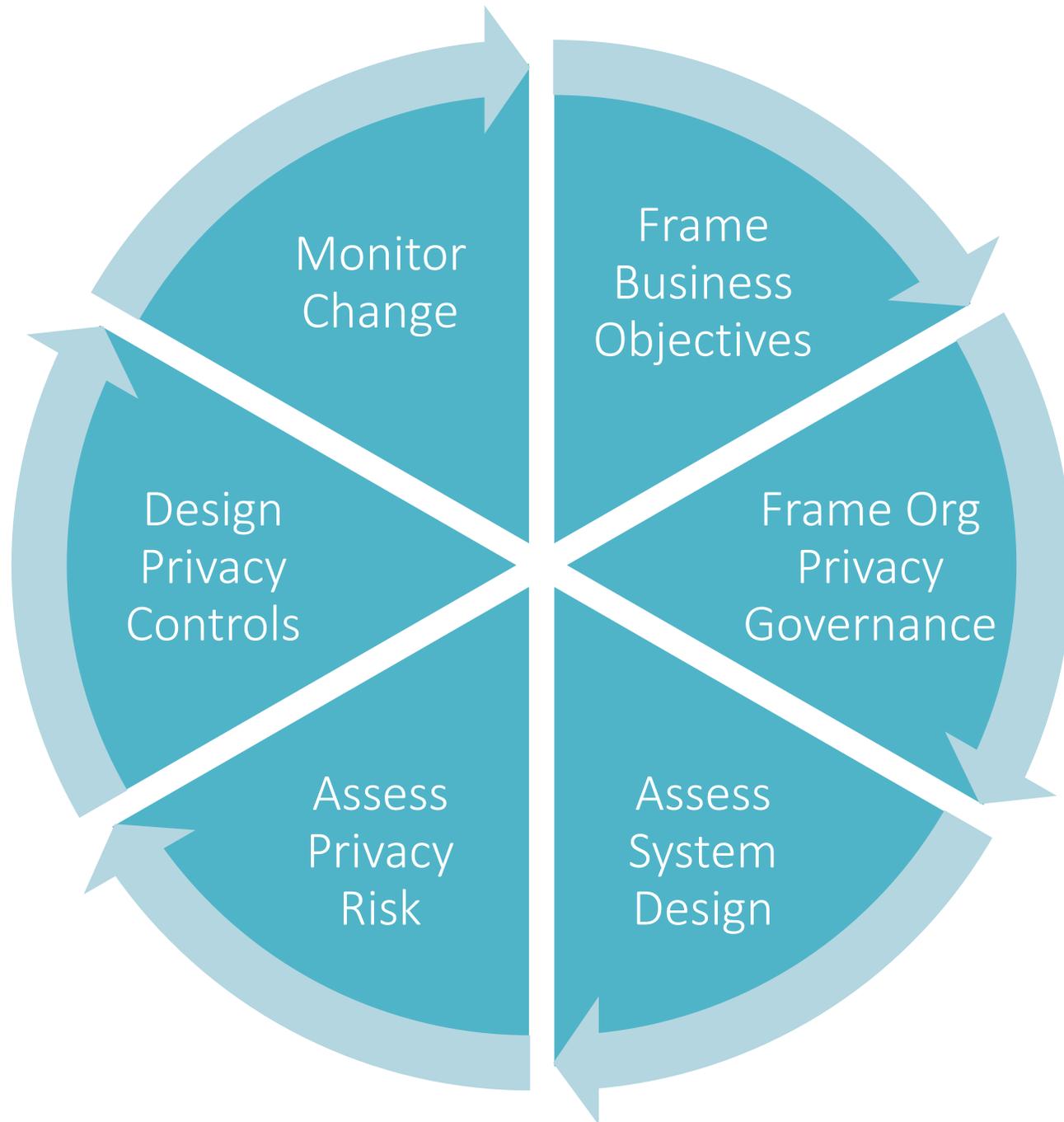


Security Risk Equation

Security Risk = Vulnerability * Threat * Impact

Identifying System Privacy Risk





Objectives and Research

- Objectives offer an orientation for PETs research
- Identifying risks enables better selection of controls and an assessment measure for the effectiveness of the controls

Resources

NIST website:

http://csrc.nist.gov/projects/privacy_engineering/index.html