



# Practical Ways to Work Together

Government as market catalyst

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**What does progress look like?**

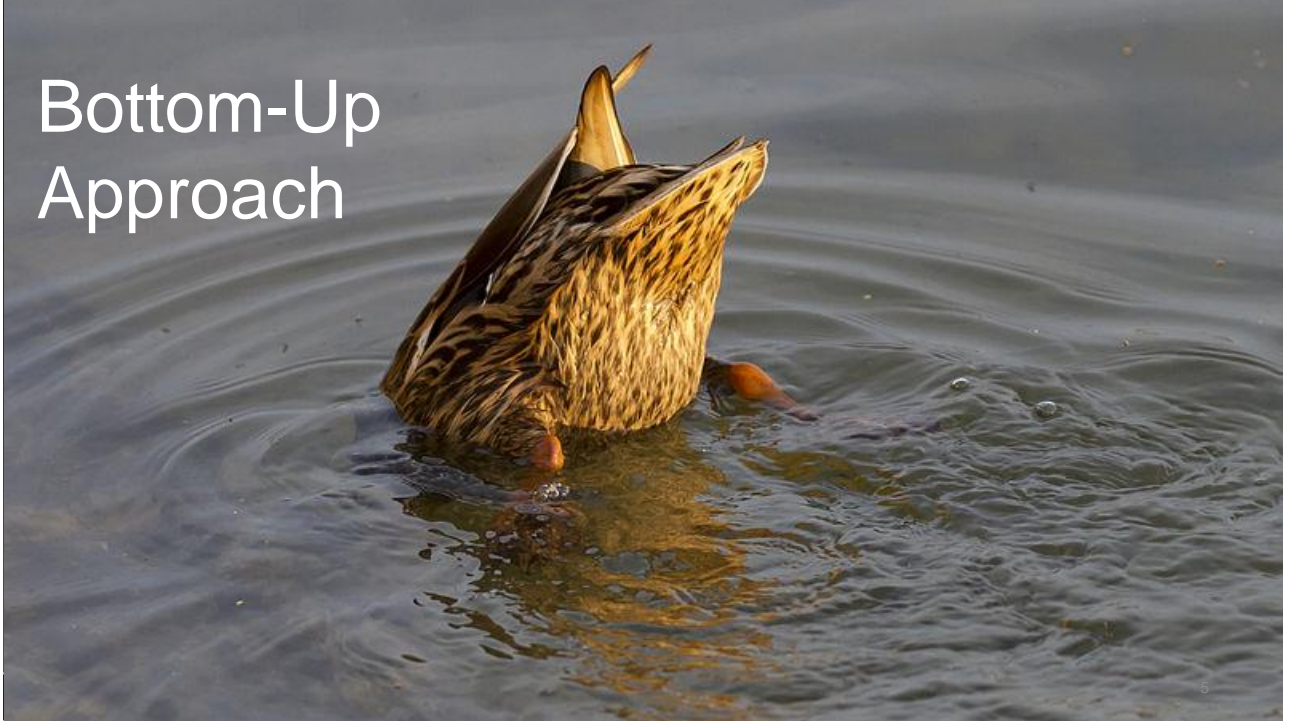
Improved security will come from changing behavior, driving investments, and using available tools



**Solutions come from market actors,  
and will be implemented by market actors**

*Governments can help: Promote best practices.  
Make it easier and cheaper to do the right thing*

# Bottom-Up Approach



Some quick examples

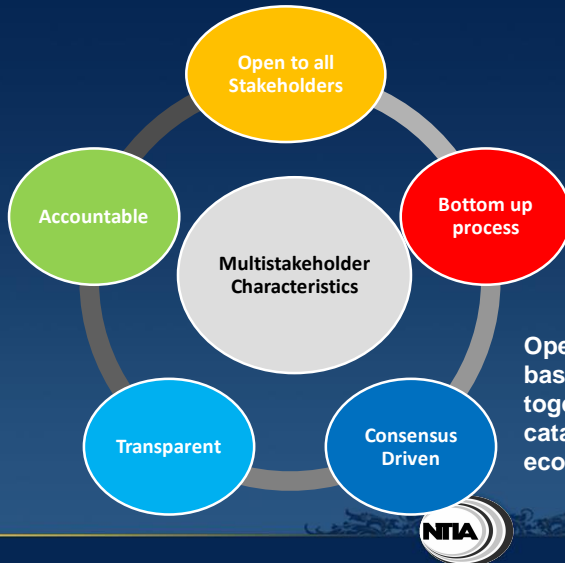




## NIST Cybersecurity Framework

	Function	Category
What processes and assets need protection?	<b>Identify</b>	Asset Management
		Business Environment
		Governance
		Risk Assessment
		Risk Management Strategy
		Supply Chain Risk Management <sup>1,1</sup>
What safeguards are available?	<b>Protect</b>	Identity Management, Authentication and Access Control <sup>1,1</sup>
		Awareness and Training
		Data Security
		Information Protection Processes & Procedures
		Maintenance
What techniques can identify incidents?	<b>Detect</b>	Protective Technology
		Anomalies and Events
		Security Continuous Monitoring
		Detection Processes
What techniques can contain impacts of incidents?	<b>Respond</b>	Response Planning
		Communications
		Analysis
		Mitigation
What techniques can restore capabilities?	<b>Recover</b>	Improvements
		Recovery Planning
		Improvements
		Communications

## The Multistakeholder Model



Open, transparent, consensus based processes that bring together diverse stakeholders can catalyze real progress across the ecosystem.

## Vulnerabilities



## Vulnerability Disclosure



*No one likes being told their precious baby is not perfect*



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## Vulnerability Disclosure: Template Disclosure Policy

**Outcome: Stakeholder-drafted “early stages” template disclosure policy with a focus on safety-critical industries**

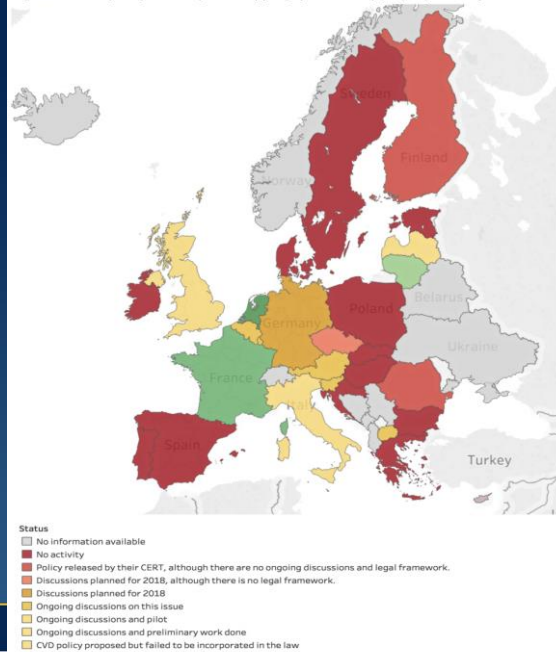


It looks like you're trying to work with hackers. Do you need help?



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Figure 2. CVD policy in Europe: A mapping of the state of play, by country



## Vulnerability Disclosure: A growing trend

Source: CEPS, 2018

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## Security: Where is the 'S' in 'IoT'



As a starting point, we convened stakeholders to focus on “patchability,” to foster an ecosystem that can be more resilient.

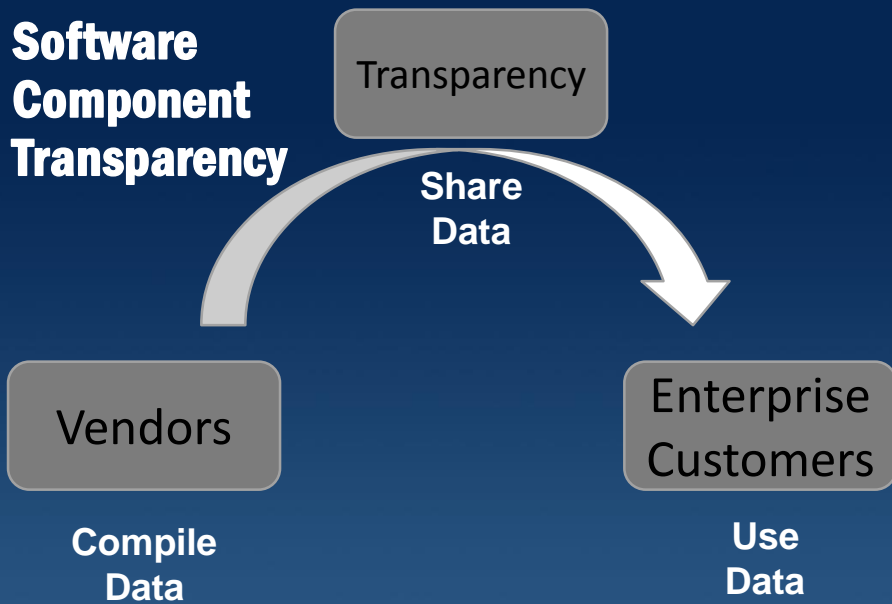


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# Software Component Transparency



## Software Component Transparency





Thank You!

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