cyberwatching.eu

The European watch
on cybersecurity & privacy

The LSPs Programme: privacy and security in IoT

Dr. Pasquale Annicchino, Archimede Solutions SARL

CREATE-IoT

The LSPs programme

◆ *Introduction to the LSPs programme*

◆ *The relevance of privacy and security*

◆ *Guidelines*

◆ *IoT challenges*

◆ *Q&A will follow*

# The LSPs programme

The IoT European LSP Projects

✓ **Reference Zones in Cities**

✓ **Smart Living Environments for Aging Well**

✓ **Wearables for Smart Ecosystems**

✓ **Smart Farming and Food Security**

✓ **Autonomous Vehicles in a Connected Environment**

The IoT European Large-Scale Pilots Programme includes the innovation consortia that are collaborating to foster the deployment of Internet of Things (IoT) solutions in Europe through integration of advanced IoT technologies across the value chain, demonstration of multiple IoT applications at scale and in a usage context, and as close as possible to operational conditions.

The LSPs programme

5
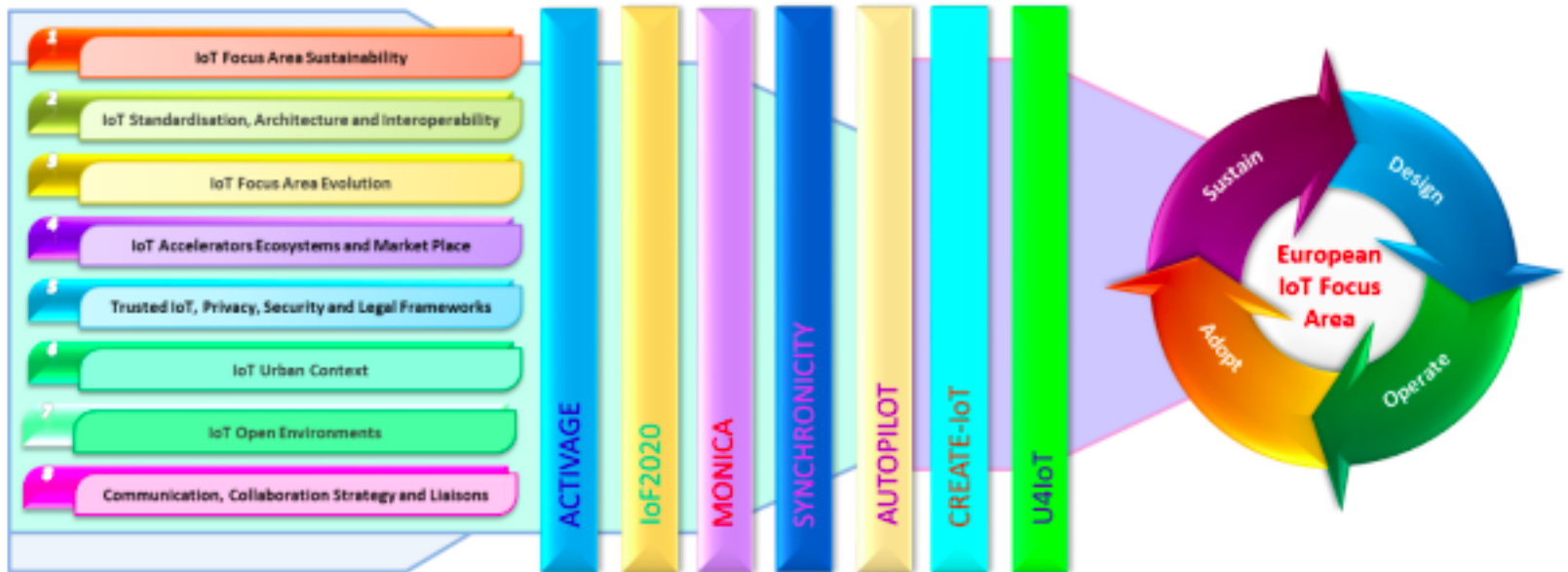
The relevance of privacy and security

Guidelines

IoT Legal Framework

LSPs Good Practices

Table of contents

IoT Challenges

FBI recommends that you keep your IoT devices on a separate network

The FBI also recommends changing factory-set (default) passwords and not allowing an IoT device's accompanying mobile app to gain access to too many smartphone permissions.

Majority of Americans think the potential risks of data collection outweigh the benefits

% of U.S. adults who say the ___ when it comes to data collection by ...

	Potential risks outweigh the potential benefits	Potential benefits outweigh the potential risks
Companies	81	17
Government	66	31
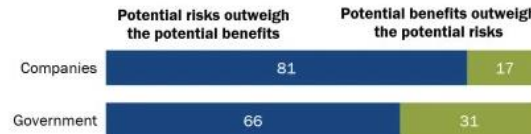
... and relatively few Americans say they personally benefit from the data that companies or the government collects about them

% of U.S. adults who say they benefit ___ from the data collected about them by ...

	A great deal	Some	Very little	None
Companies	5	23	49	23
Government	4	19	42	34
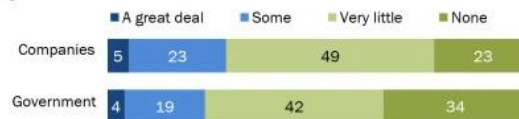
Note: Respondents were randomly assigned to answer a question about how much they feel they benefit from the data collected about them by "companies" or "the government." Respondents were also randomly assigned to answer a question about whether the potential risks outweigh the potential benefits of data collection, or vice versa, by "companies" or "the government." Those who did not give an answer are not shown.
Source: Survey conducted June 3-17, 2019.
"Americans and Privacy: Concerned, Confused and Feeling Lack of Control Over Their Personal Information"

PEW RESEARCH CENTER

8

Conclusion

- *Horizontal and vertical challenges*

- *Take data protection seriously: legal and financial risks;*

- *Continuous improvement process;*

- *Educate!*

- *Anticipate evolution and end-users' perceptions*